

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034269.D
 Acq On : 24 Feb 2023 17:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

Quant Time: Feb 24 22:24:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	281833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180093	47.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.385	113	154424	50.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.920%		
50) Toluene-d8	8.647	98	578793	53.201	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.400%		
62) 4-Bromofluorobenzene	11.079	95	228101	54.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	121032	49.698	ug/l	98
3) Chloromethane	1.300	50	168694	48.135	ug/l	95
4) Vinyl Chloride	1.374	62	177768	55.698	ug/l	100
5) Bromomethane	1.599	94	77923	66.592	ug/l	98
6) Chloroethane	1.678	64	102162	63.670	ug/l	100
7) Trichlorofluoromethane	1.886	101	268490	62.179	ug/l	97
8) Diethyl Ether	2.136	74	100540	57.795	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	145055	47.701	ug/l	96
10) Methyl Iodide	2.453	142	176883	47.773	ug/l	95
11) Tert butyl alcohol	2.959	59	187368	220.708	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	141116	46.293	ug/l	94
13) Acrolein	2.233	56	95630	246.771	ug/l	100
14) Allyl chloride	2.666	41	277555	42.924	ug/l	90
15) Acrylonitrile	3.062	53	445023	240.295	ug/l	99
16) Acetone	2.380	43	396717	202.617	ug/l	93
17) Carbon Disulfide	2.514	76	354821	40.485	ug/l	98
18) Methyl Acetate	2.703	43	295585	48.789	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	520252	48.356	ug/l	99
20) Methylene Chloride	2.788	84	163776	46.423	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	150193	47.020	ug/l	97
22) Diisopropyl ether	3.757	45	567553	50.065	ug/l	98
23) Vinyl Acetate	3.721	43	2203510	242.611	ug/l	100
24) 1,1-Dichloroethane	3.611	63	293795	47.208	ug/l	99
25) 2-Butanone	4.550	43	640784	226.185	ug/l	100
26) 2,2-Dichloropropane	4.477	77	253780	45.015	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	185297	48.988	ug/l	97
28) Bromochloromethane	4.897	49	133825	48.204	ug/l	89
29) Tetrahydrofuran	5.001	42	418504	242.154	ug/l	98
30) Chloroform	5.092	83	295666	49.476	ug/l	100
31) Cyclohexane	5.470	56	261468	46.140	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	258661	48.285	ug/l	99
36) 1,1-Dichloropropene	5.696	75	213290	47.595	ug/l	99
37) Ethyl Acetate	4.715	43	246083	49.135	ug/l	99
38) Carbon Tetrachloride	5.678	117	225211	48.838	ug/l	98
39) Methylcyclohexane	7.379	83	270048	46.827	ug/l	99
40) Benzene	6.037	78	658685	49.599	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	139767	50.088	ug/l	98
42) 1,2-Dichloroethane	6.086	62	226820	48.562	ug/l	100
43) Isopropyl Acetate	6.342	43	429200	48.563	ug/l	99
44) Trichloroethene	7.129	130	173342	50.863	ug/l	100
45) 1,2-Dichloropropane	7.427	63	175274	49.578	ug/l	97
46) Dibromomethane	7.580	93	116992	50.283	ug/l	88
47) Bromodichloromethane	7.824	83	232913	48.779	ug/l	97
48) Methyl methacrylate	7.690	41	203679	48.555	ug/l	98
49) 1,4-Dioxane	7.659	88	84827	1013.829	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	1303284	268.029	ug/l	99
52) Toluene	8.720	92	424713	52.780	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	271618	49.420	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	286430	48.680	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	173521	53.423	ug/l	98
56) Ethyl methacrylate	9.116	69	285105	51.888	ug/l	96
57) 1,3-Dichloropropane	9.305	76	297111	52.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	606337	254.740	ug/l	96
59) 2-Hexanone	9.427	43	994930	268.486	ug/l	98
60) Dibromochloromethane	9.519	129	188528	52.531	ug/l	100
61) 1,2-Dibromoethane	9.610	107	181977	52.975	ug/l	98
64) Tetrachloroethene	9.275	164	144529	48.368	ug/l	95
65) Chlorobenzene	10.079	112	455266	51.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	173218	50.700	ug/l	98
67) Ethyl Benzene	10.195	91	821264	51.798	ug/l	100
68) m/p-Xylenes	10.299	106	643703	106.089	ug/l	97
69) o-Xylene	10.640	106	320005	52.976	ug/l	97
70) Styrene	10.652	104	531267	54.077	ug/l	97
71) Bromoform	10.799	173	141623	50.784	ug/l #	100
73) Isopropylbenzene	10.963	105	825749	49.149	ug/l	100
74) N-amyl acetate	10.841	43	408830	48.436	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	279224	48.591	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	231398m	41.715	ug/l	
77) Bromobenzene	11.195	156	201652	49.875	ug/l	87
78) n-propylbenzene	11.305	91	973975	49.845	ug/l	98
79) 2-Chlorotoluene	11.366	91	583118	48.668	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	710270	50.283	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	95203	44.089	ug/l	94
82) 4-Chlorotoluene	11.451	91	687741	50.397	ug/l	96
83) tert-Butylbenzene	11.713	119	726864	50.243	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	714174	50.004	ug/l	97
85) sec-Butylbenzene	11.890	105	887571	50.521	ug/l	98
86) p-Isopropyltoluene	12.006	119	752960	51.787	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	387934	51.161	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	388527	50.800	ug/l	97
89) n-Butylbenzene	12.329	91	660812	51.028	ug/l	98
90) Hexachloroethane	12.536	117	142869	46.997	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	377934	50.942	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59676	43.549	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	229747	48.235	ug/l	98
94) Hexachlorobutadiene	13.725	225	94756	47.989	ug/l	98
95) Naphthalene	13.774	128	778232	48.502	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	232222	49.109	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

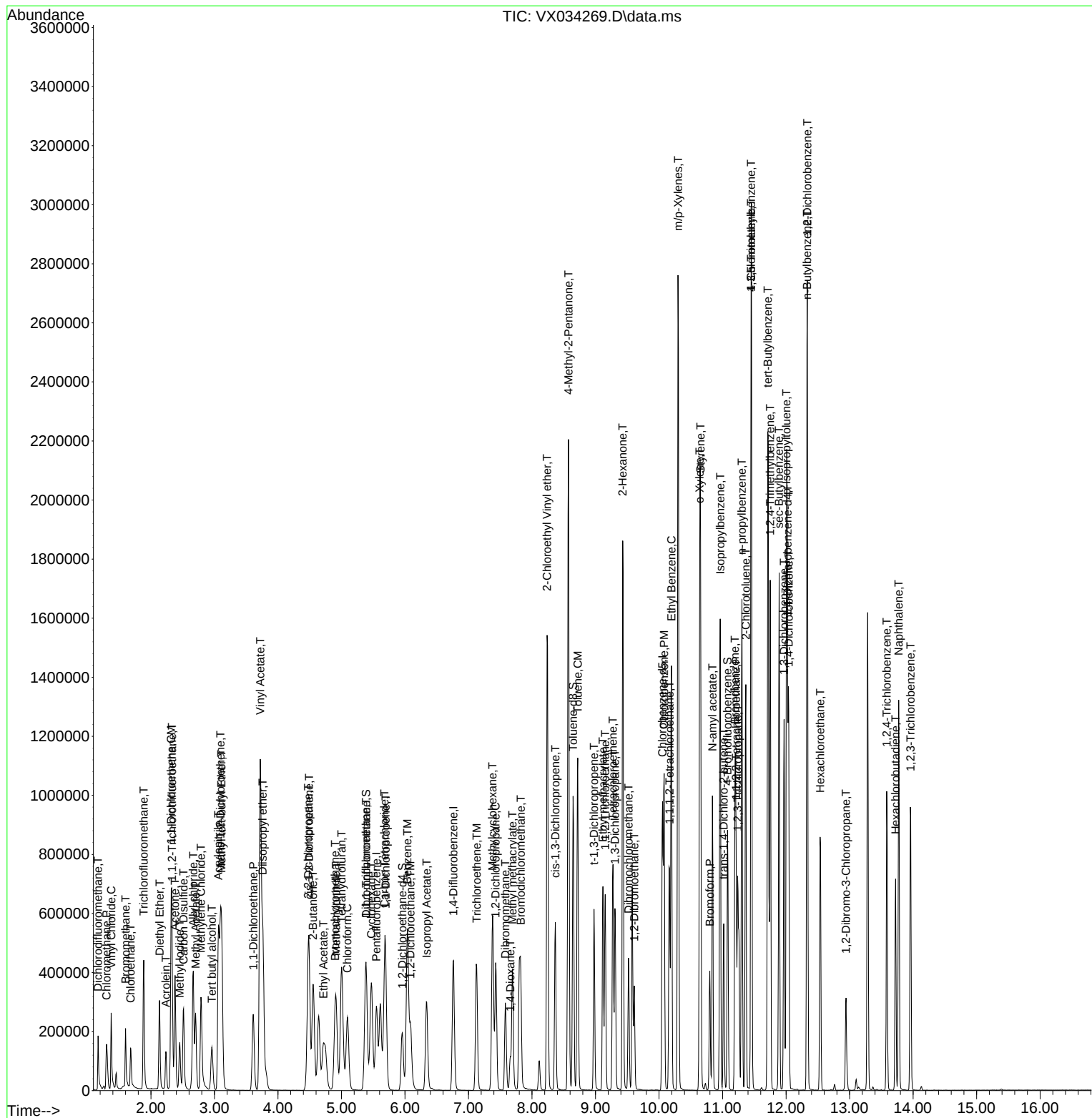
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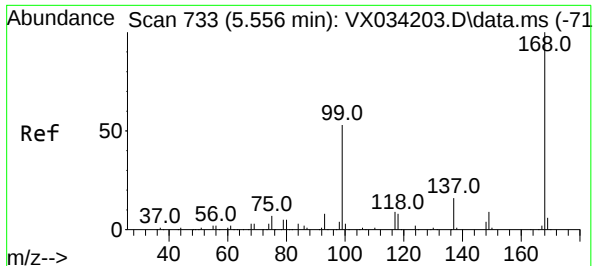
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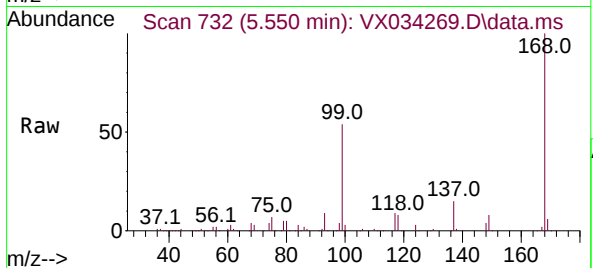
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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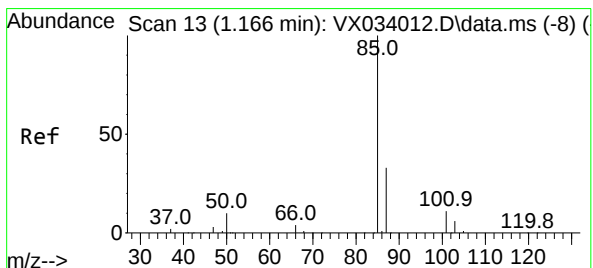
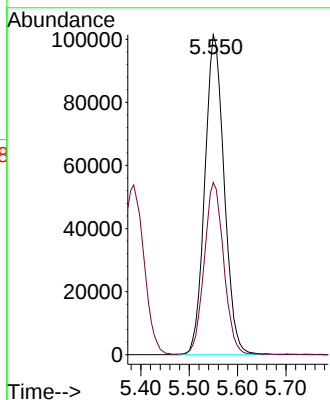
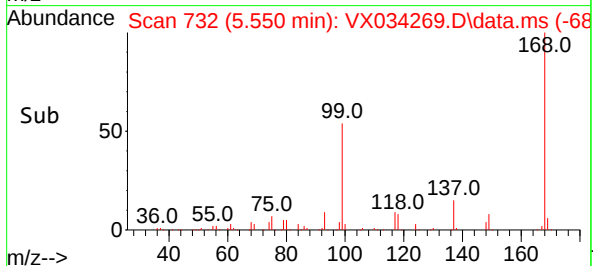
Instrument :
MSVOA_X
ClientSampleId :
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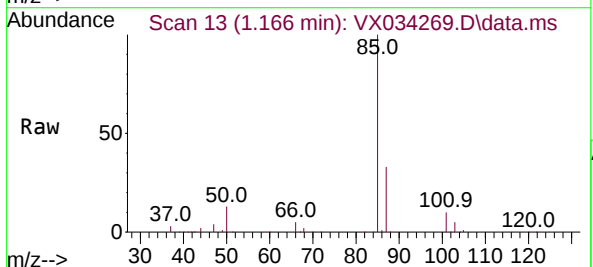
Tgt Ion:168 Resp: 28183
Ion Ratio Lower Upper
168 100
99 53.7 39.6 59.4

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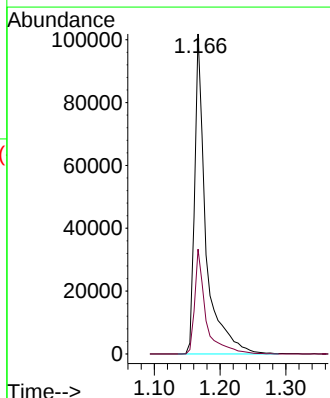
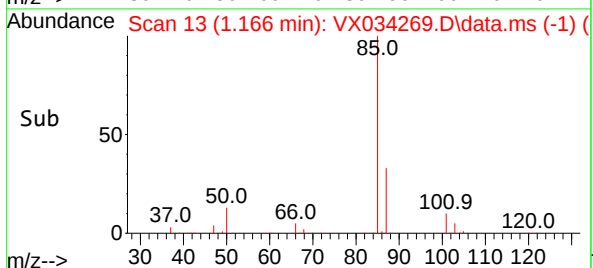
Reviewed By :John Carlone 02/27/2023
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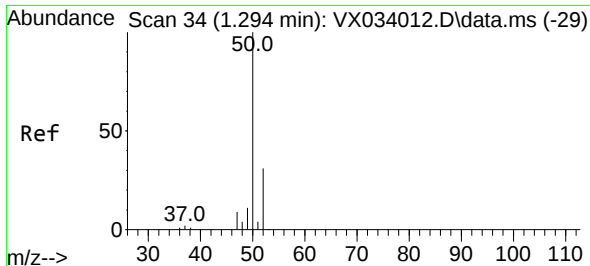


#2
Dichlorodifluoromethane
Concen: 49.698 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion: 85 Resp: 121032
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





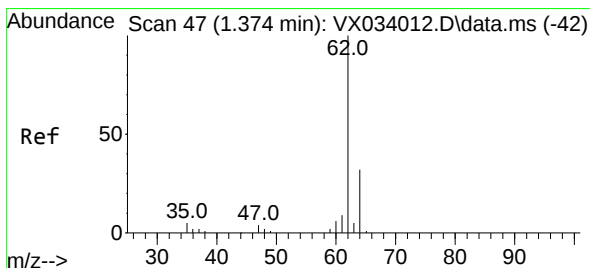
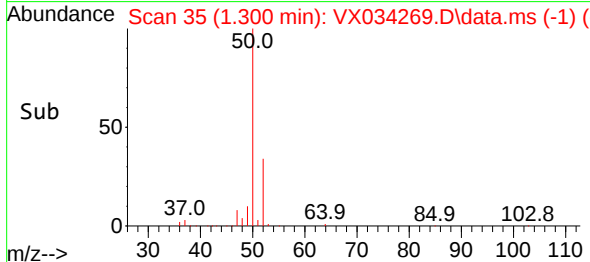
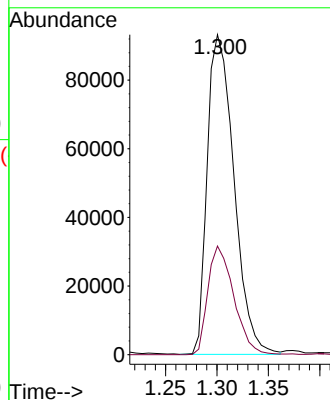
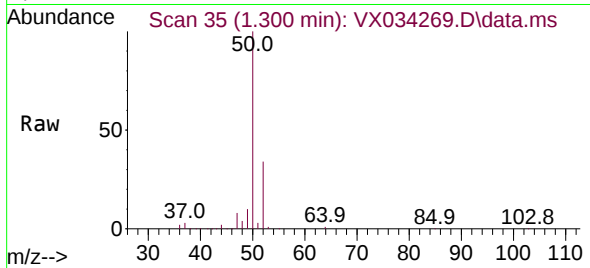
#3
Chloromethane
Concen: 48.135 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 168694
Ion Ratio Lower Upper
50 100
52 34.0 25.2 37.8

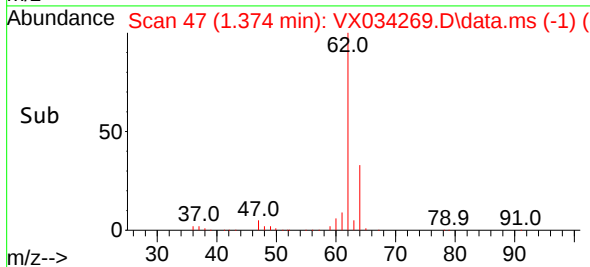
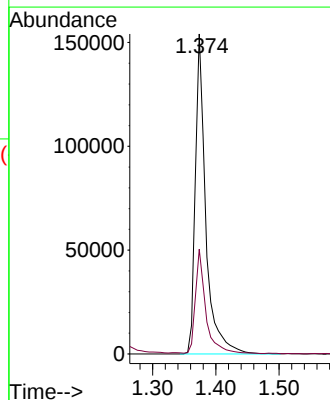
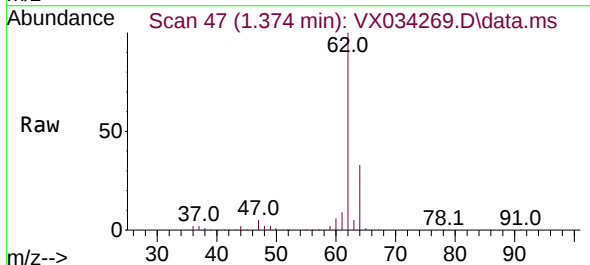
Manual Integrations
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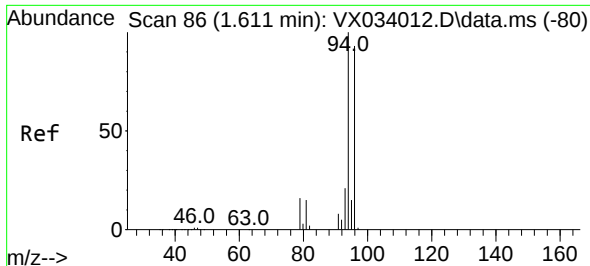
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#4
Vinyl Chloride
Concen: 55.698 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

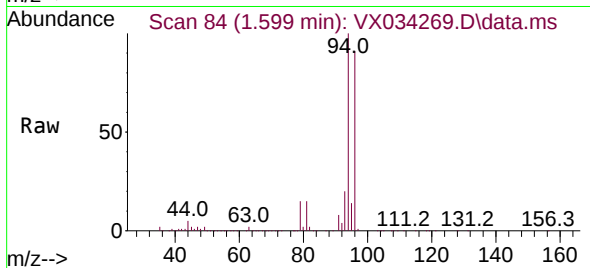
Tgt Ion: 62 Resp: 177768
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4





#5
Bromomethane
Concen: 66.592 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

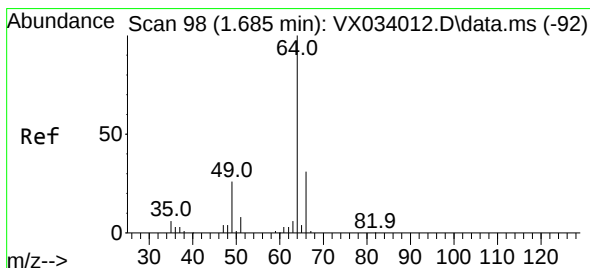
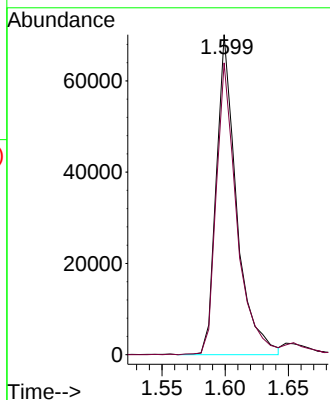
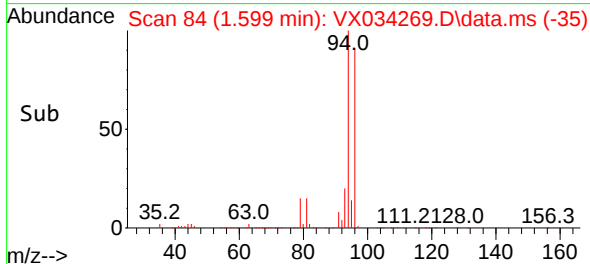
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Tgt Ion: 94 Resp: 7792
Ion Ratio Lower Upper
94 100
96 91.2 74.3 111.5

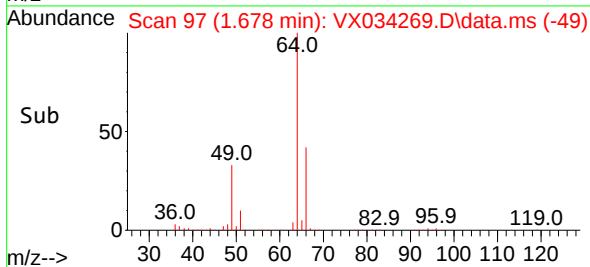
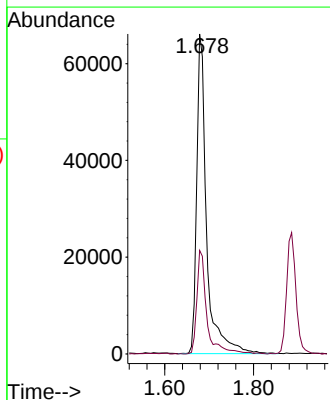
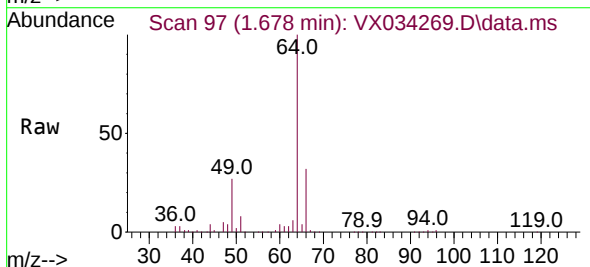
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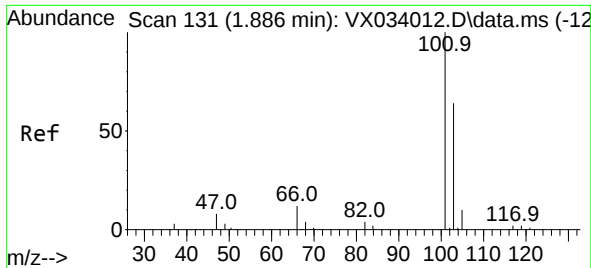
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#6
Chloroethane
Concen: 63.670 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

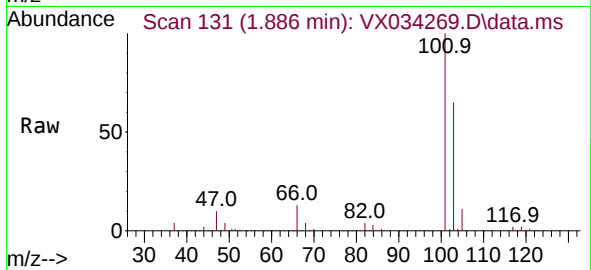
Tgt Ion: 64 Resp: 102162
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1





#7
Trichlorofluoromethane
Concen: 62.179 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

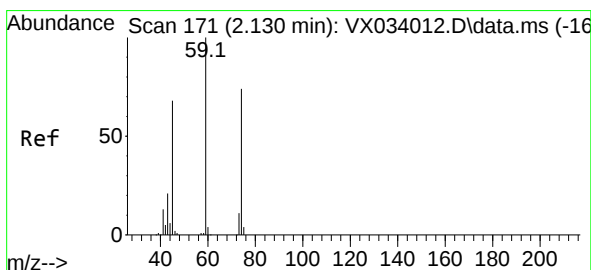
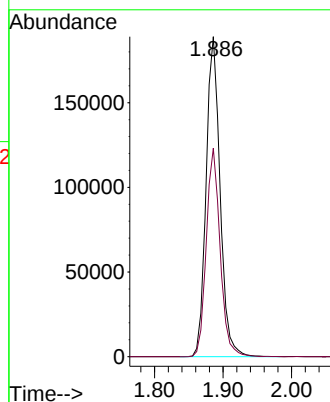
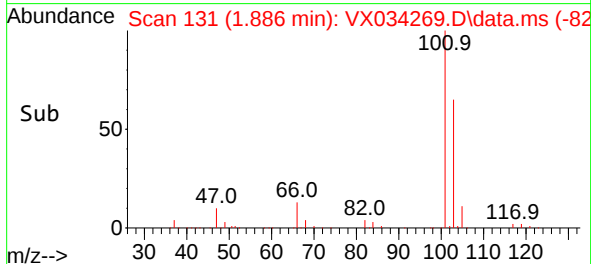
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Tgt Ion:101 Resp: 268490
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

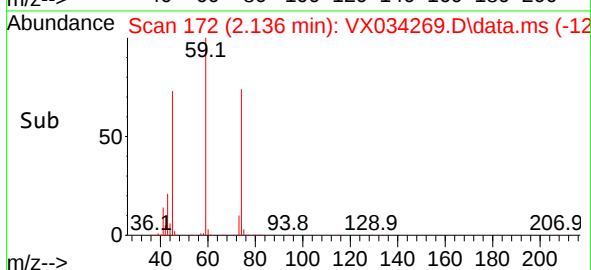
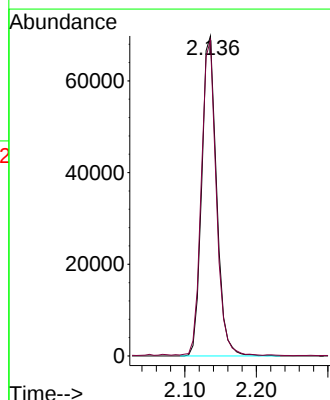
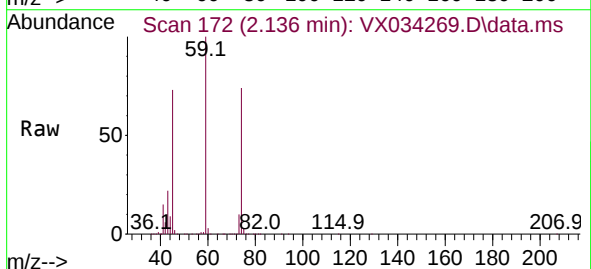
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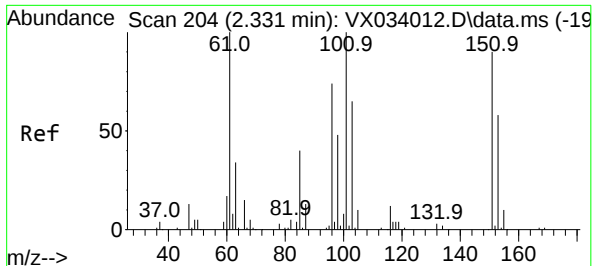
Reviewed By :John Carlone 02/27/2023
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#8
Diethyl Ether
Concen: 57.795 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

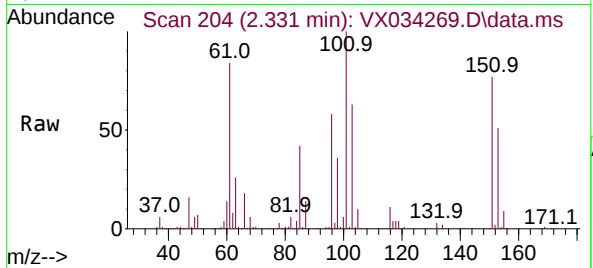
Tgt Ion: 74 Resp: 100540
Ion Ratio Lower Upper
74 100
45 99.0 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.701 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

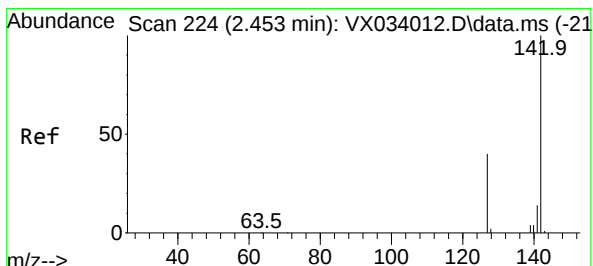
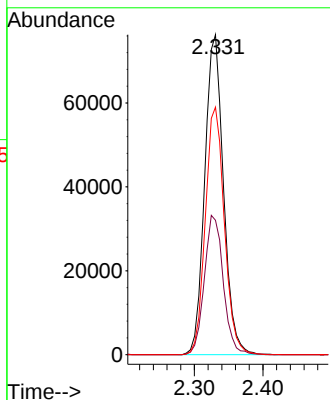
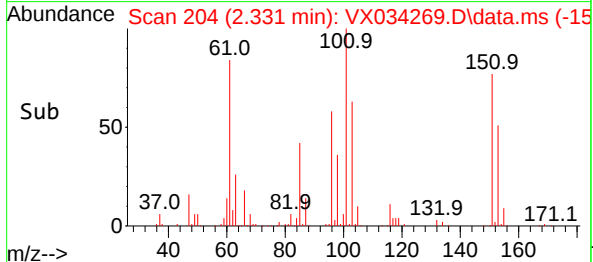
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 14505
Ion Ratio Lower Upper
101 100
85 44.0 36.7 55.1
151 78.5 66.5 99.7

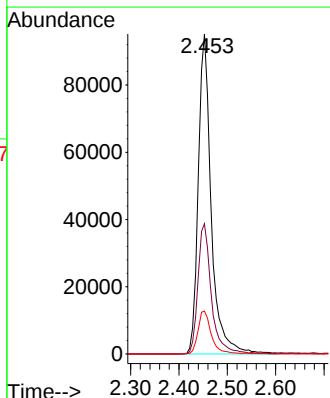
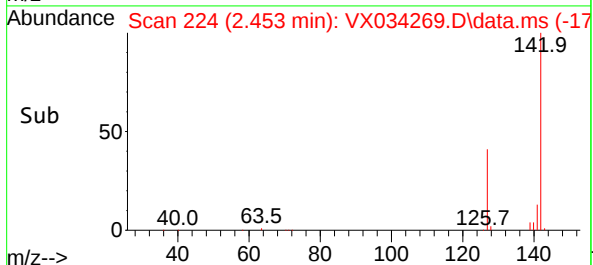
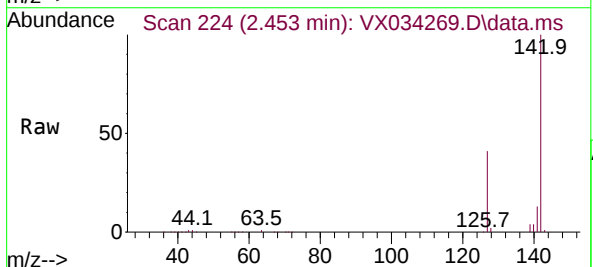
Manual Integrations
APPROVED

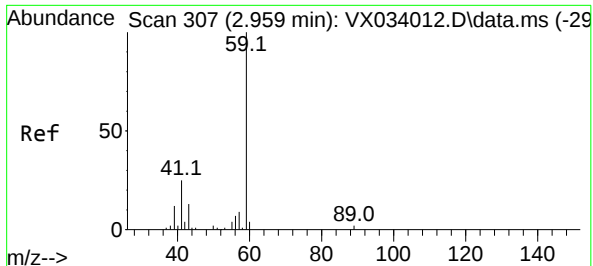
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#10
Methyl Iodide
Concen: 47.773 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

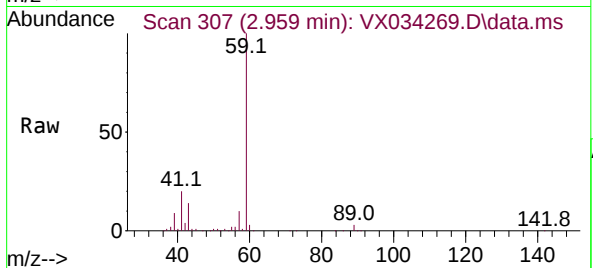
Tgt Ion:142 Resp: 176883
Ion Ratio Lower Upper
142 100
127 42.2 37.3 55.9
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 220.708 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

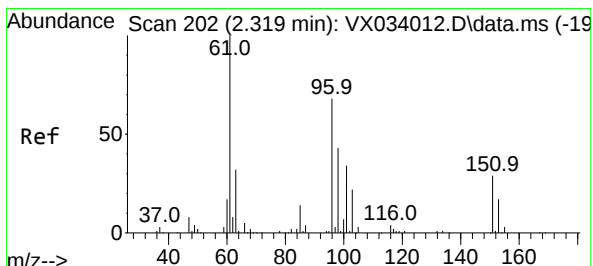
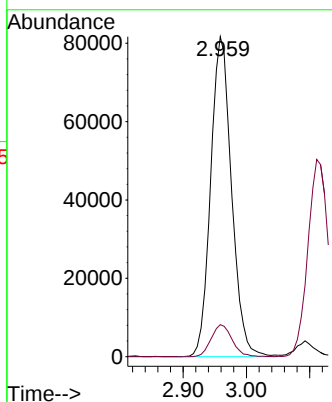
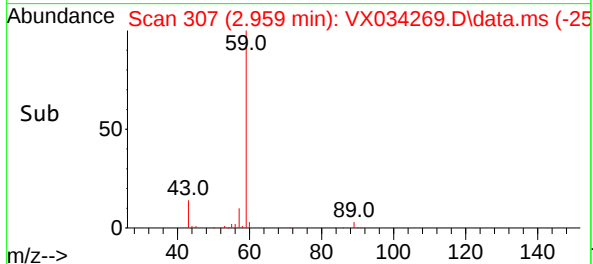
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



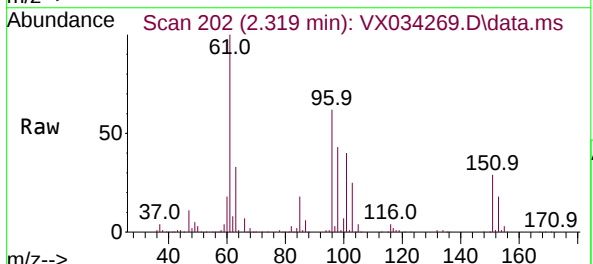
Tgt Ion: 59 Resp: 187368
Ion Ratio Lower Upper
59 100
57 10.0 3.7 5.5

Manual Integrations
APPROVED

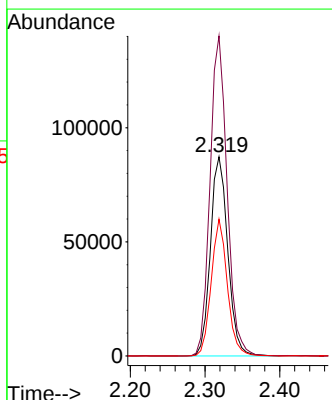
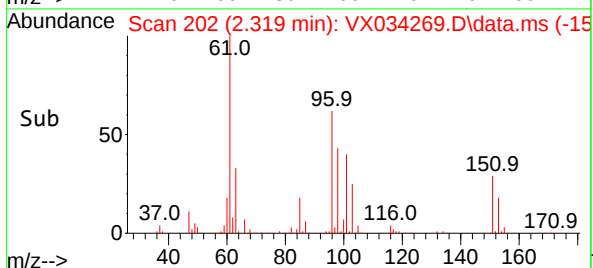
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

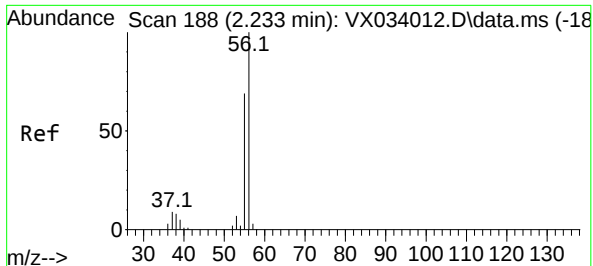


#12
1,1-Dichloroethene
Concen: 46.293 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



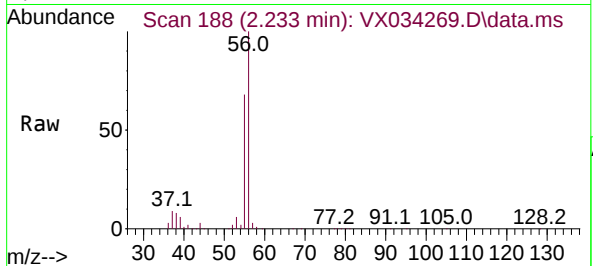
Tgt Ion: 96 Resp: 141116
Ion Ratio Lower Upper
96 100
61 160.6 134.2 201.4
98 68.6 50.2 75.2





#13
Acrolein
Concen: 246.771 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

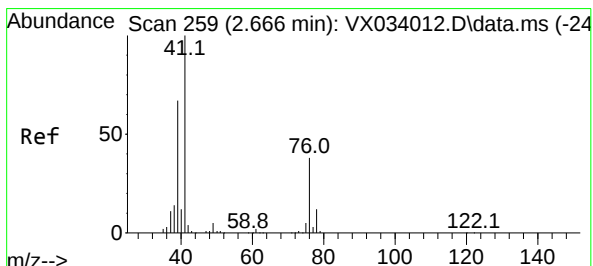
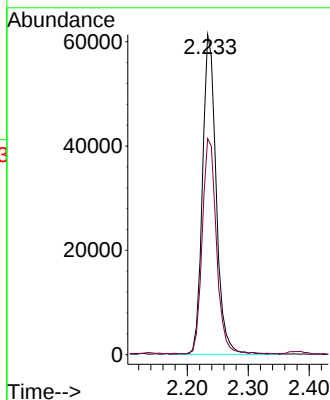
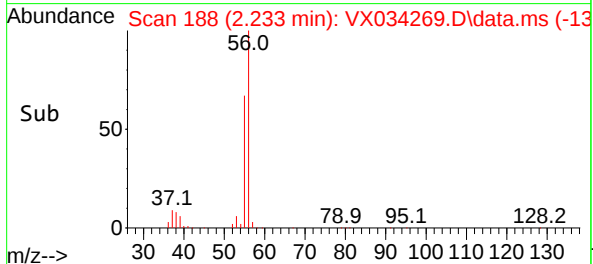
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 95630
Ion Ratio Lower Upper
56 100
55 70.1 56.3 84.5

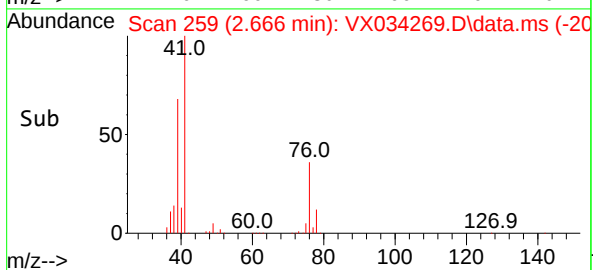
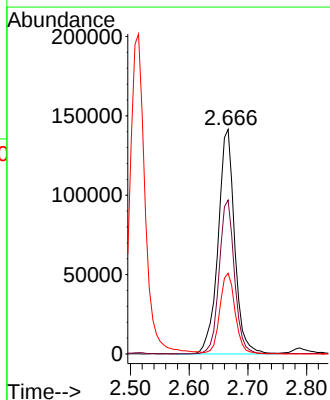
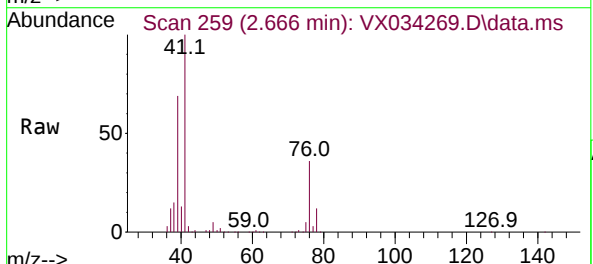
Manual Integrations
APPROVED

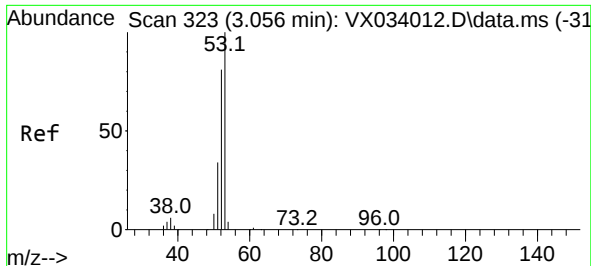
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#14
Allyl chloride
Concen: 42.924 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 41 Resp: 277555
Ion Ratio Lower Upper
41 100
39 63.3 59.0 88.4
76 33.0 24.6 37.0





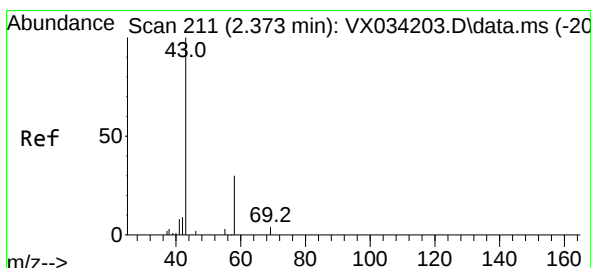
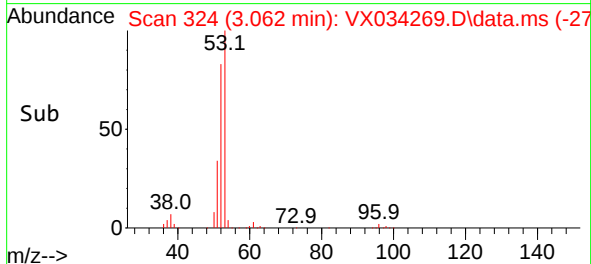
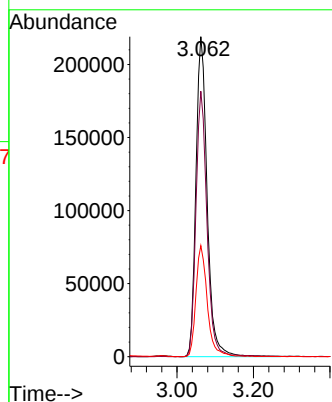
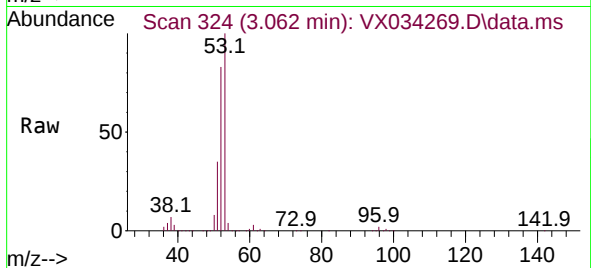
#15
Acrylonitrile
Concen: 240.295 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 445023
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 35.2 29.0 43.4

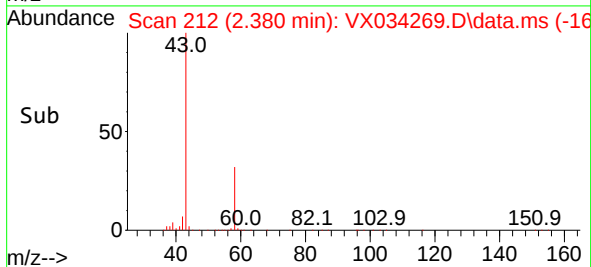
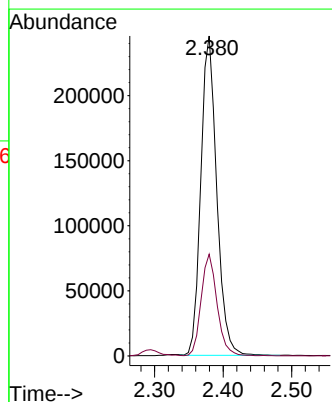
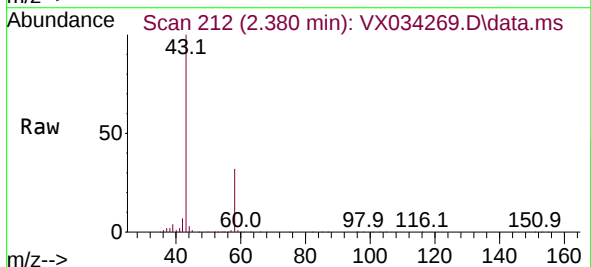
Manual Integrations
APPROVED

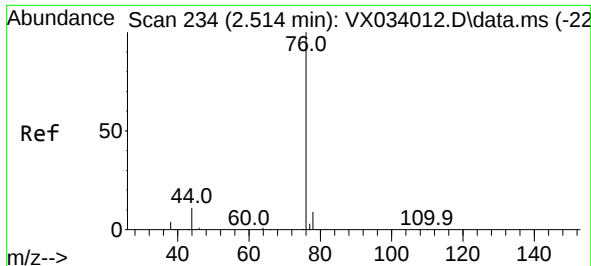
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#16
Acetone
Concen: 202.617 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 43 Resp: 396717
Ion Ratio Lower Upper
43 100
58 31.8 22.6 33.8





#17

Carbon Disulfide

Concen: 40.485 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 35482

Ion Ratio Lower Upper

76 100

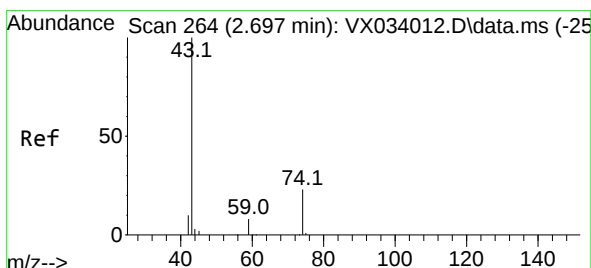
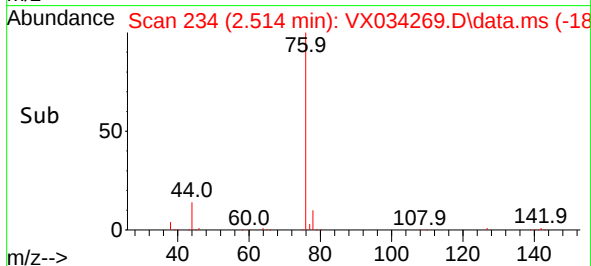
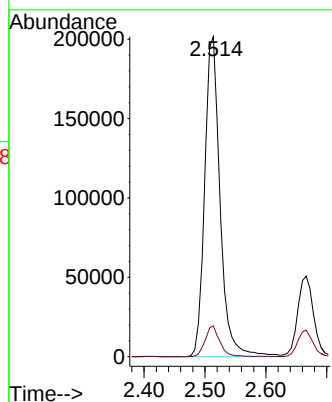
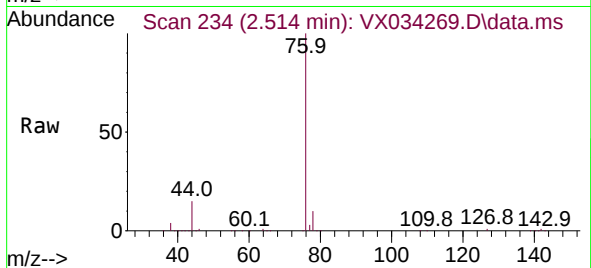
78 9.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#18

Methyl Acetate

Concen: 48.789 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034269.D

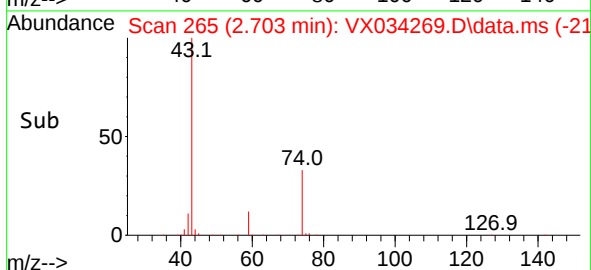
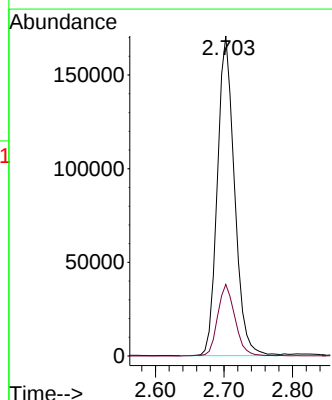
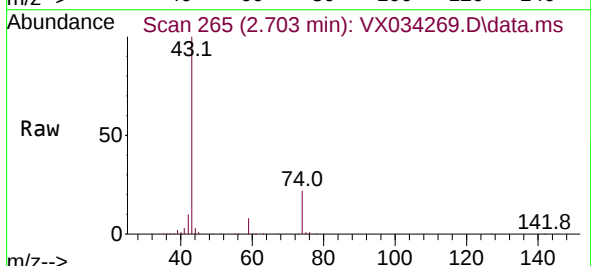
Acq: 24 Feb 2023 17:24

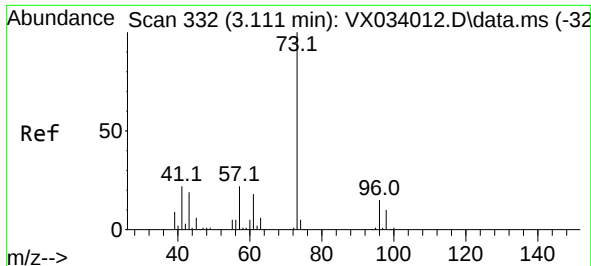
Tgt Ion: 43 Resp: 295585

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.4





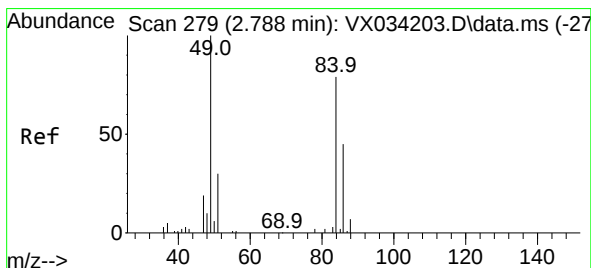
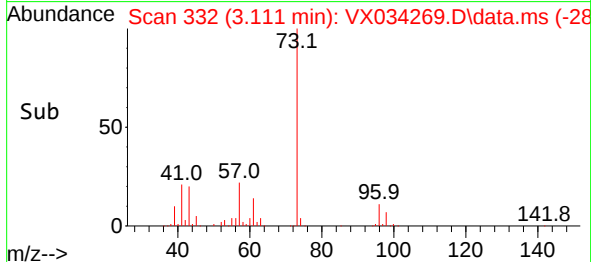
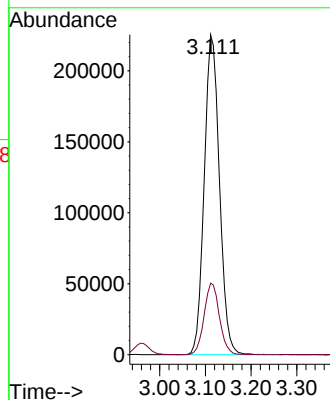
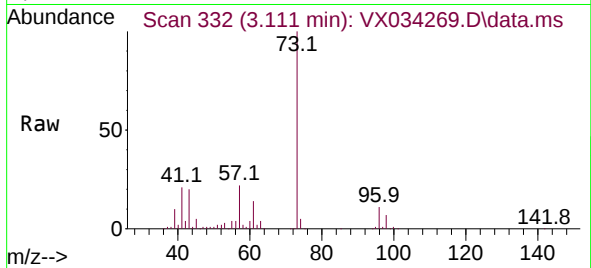
#19
Methyl tert-butyl Ether
Concen: 48.356 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 52025
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

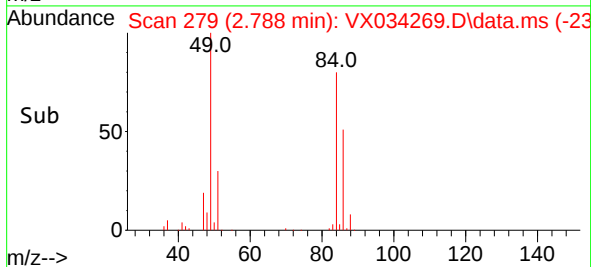
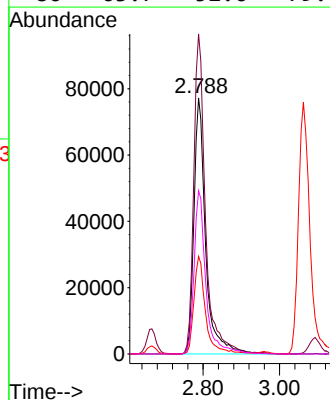
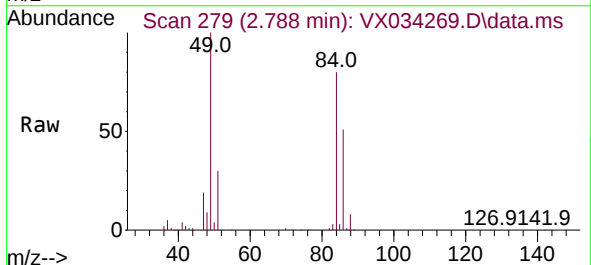
Manual Integrations
APPROVED

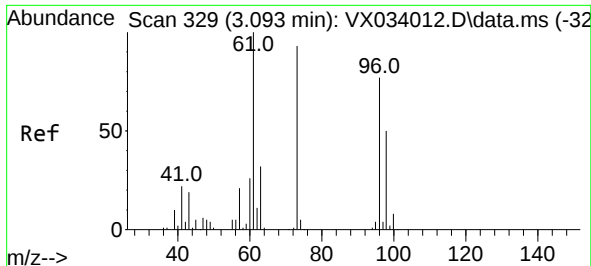
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#20
Methylene Chloride
Concen: 46.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

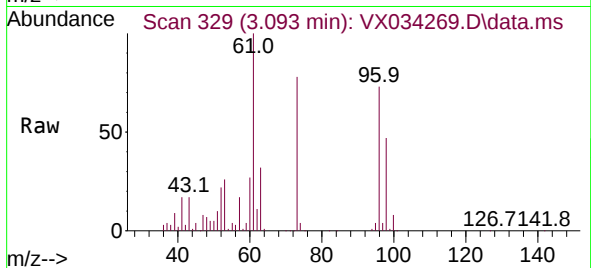
Tgt Ion: 84 Resp: 163776
Ion Ratio Lower Upper
84 100
49 125.0 101.1 151.7
51 38.1 31.0 46.6
86 63.7 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.020 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

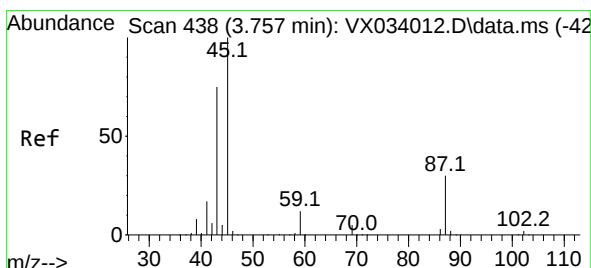
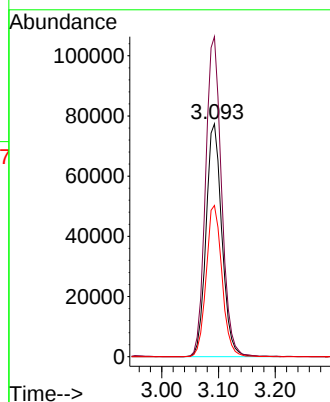
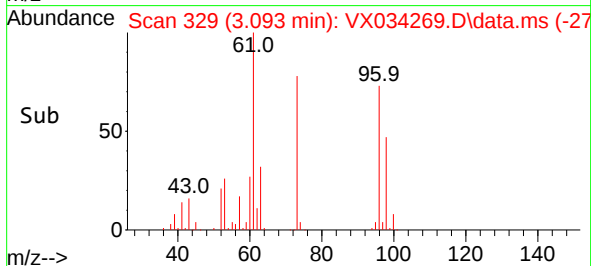
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 150193
Ion Ratio Lower Upper
96 100
61 137.5 106.7 160.1
98 65.0 50.0 75.0

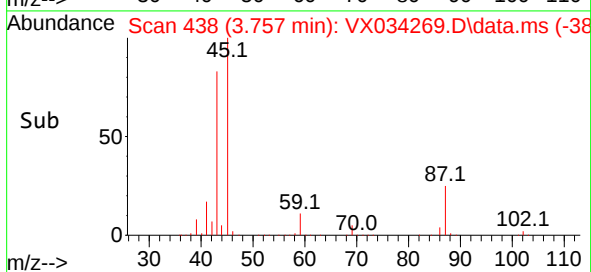
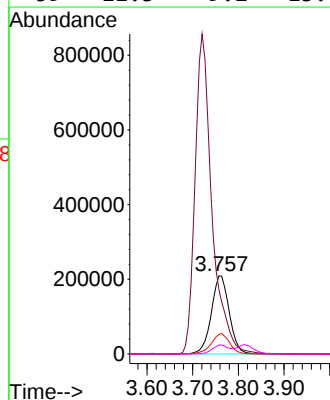
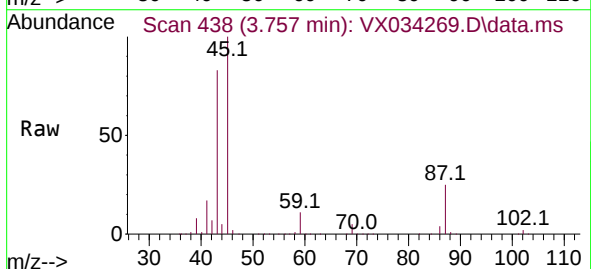
Manual Integrations
APPROVED

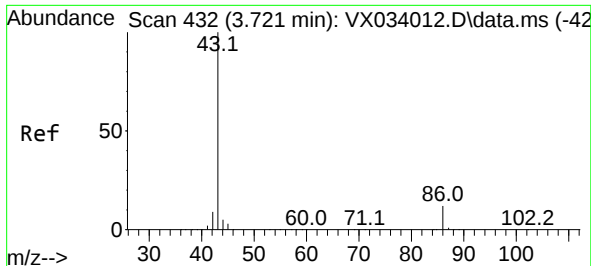
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#22
Diisopropyl ether
Concen: 50.065 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

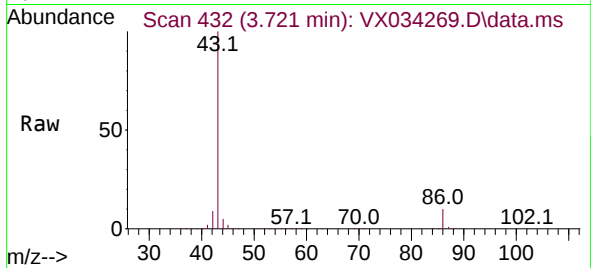
Tgt Ion: 45 Resp: 567553
Ion Ratio Lower Upper
45 100
43 82.3 64.6 97.0
87 25.0 21.9 32.9
59 11.3 9.2 13.8





#23
 Vinyl Acetate
 Concen: 242.611 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034269.D
 Acq: 24 Feb 2023 17:24

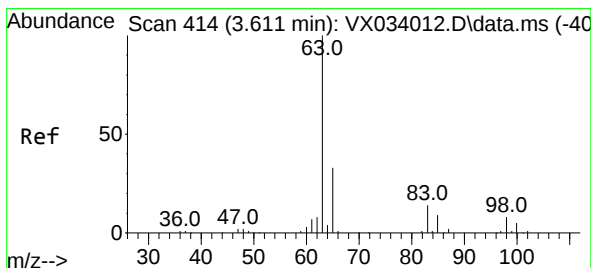
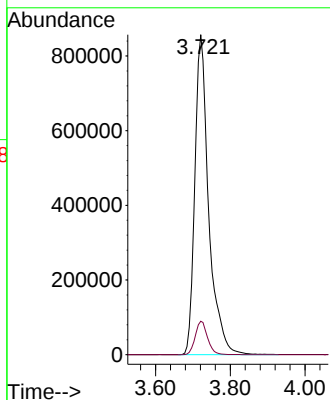
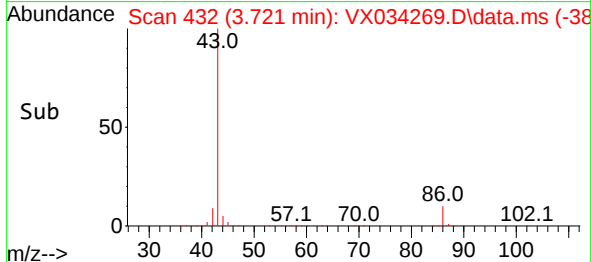
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



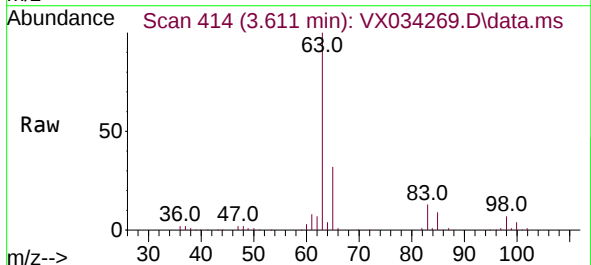
Tgt Ion: 43 Resp: 2203510
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

Manual Integrations
 APPROVED

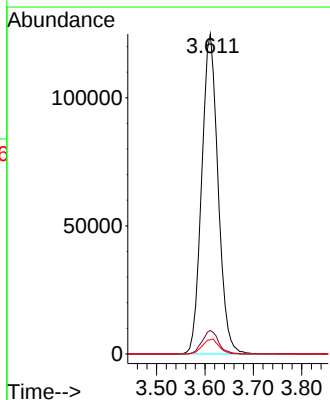
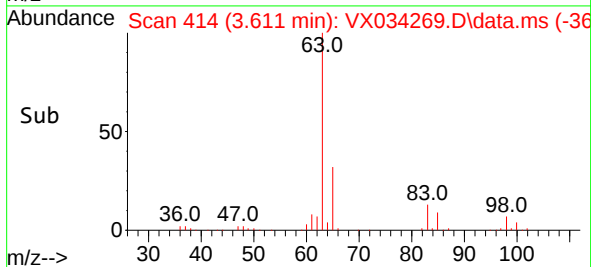
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

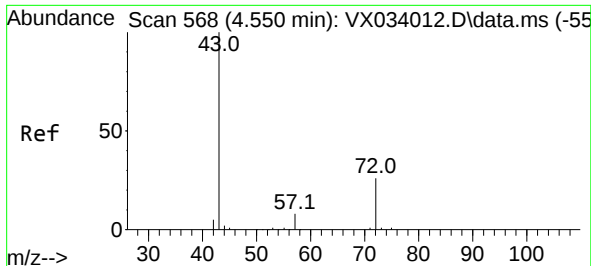


#24
 1,1-Dichloroethane
 Concen: 47.208 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034269.D
 Acq: 24 Feb 2023 17:24



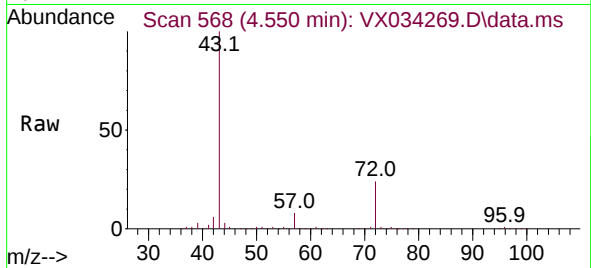
Tgt Ion: 63 Resp: 293795
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 226.185 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

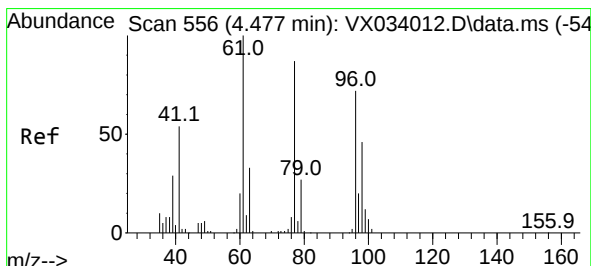
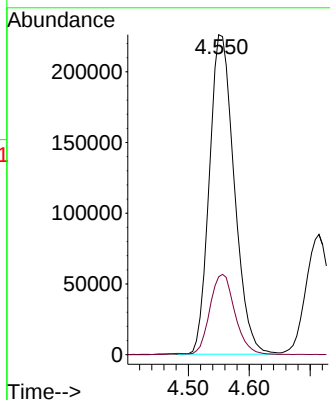
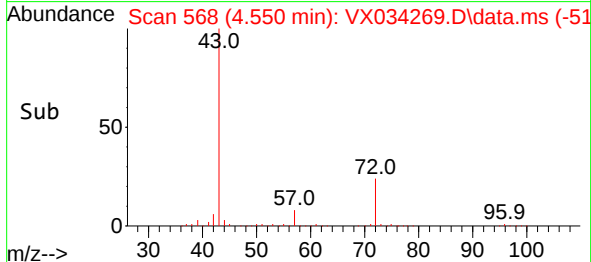
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 640784
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

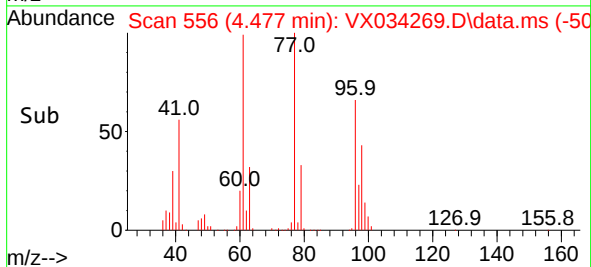
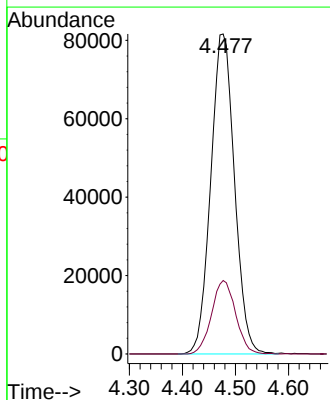
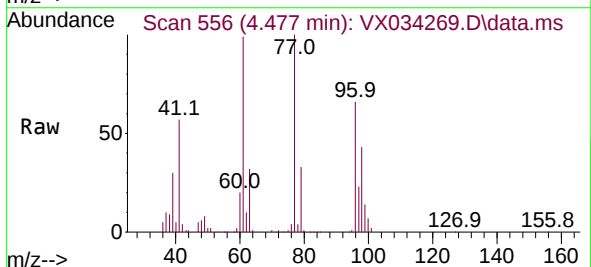
Manual Integrations
APPROVED

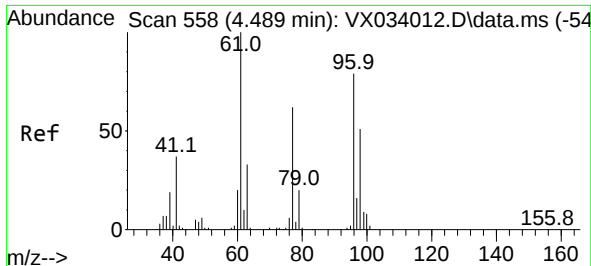
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#26
2,2-Dichloropropane
Concen: 45.015 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 77 Resp: 253780
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.988 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 18529

Ion Ratio Lower Upper

96 100

61 142.5 0.0 277.6

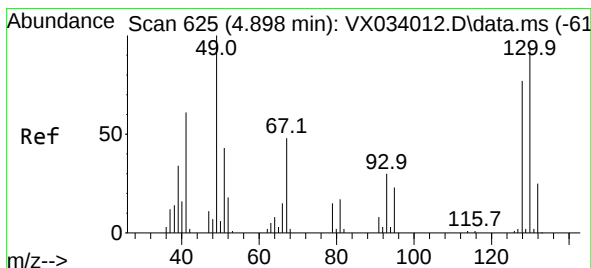
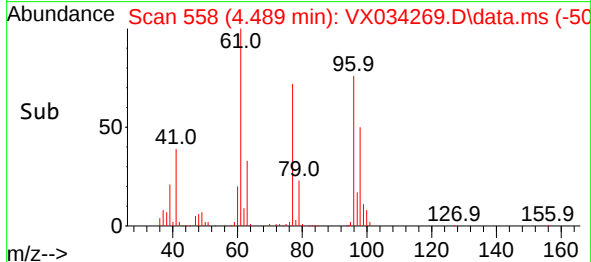
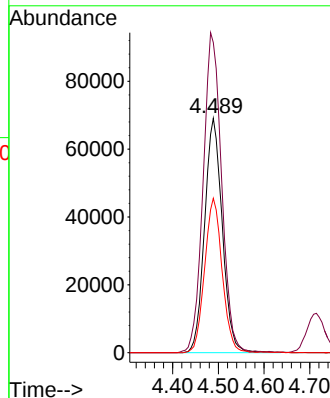
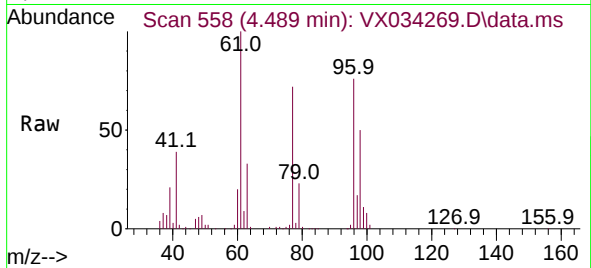
98 65.2 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#28

Bromochloromethane

Concen: 48.204 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

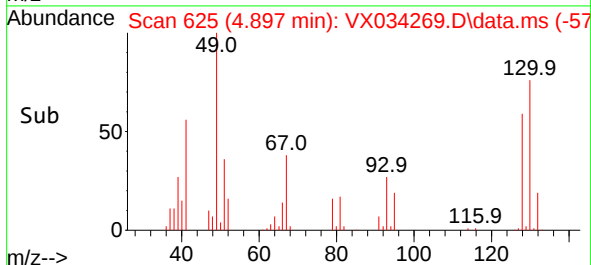
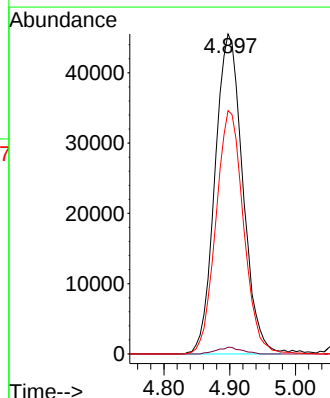
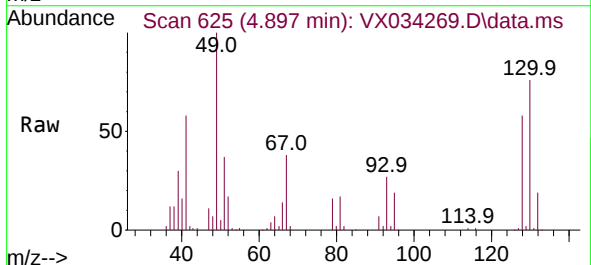
Tgt Ion: 49 Resp: 133825

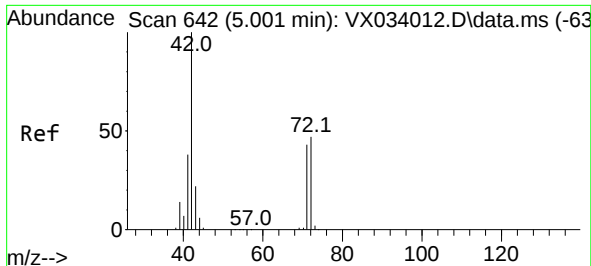
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

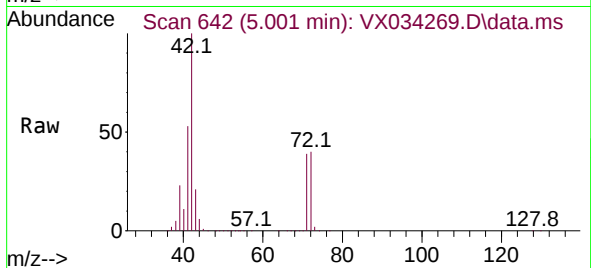
130 75.7 68.5 102.7





#29
Tetrahydrofuran
Concen: 242.154 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

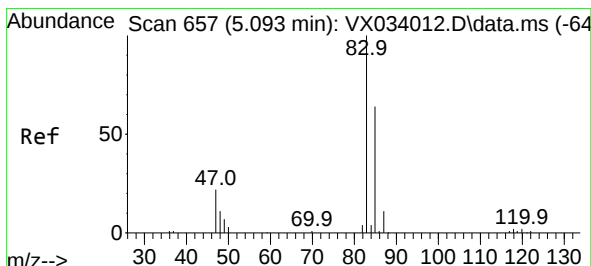
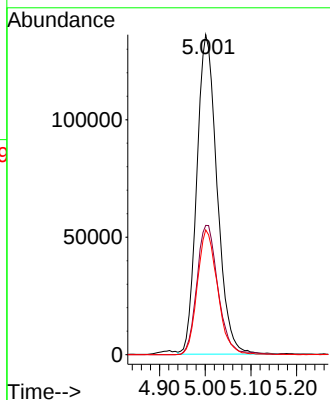
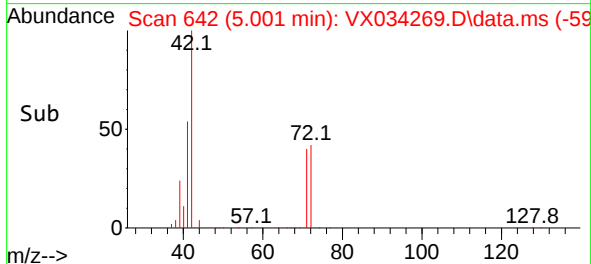
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



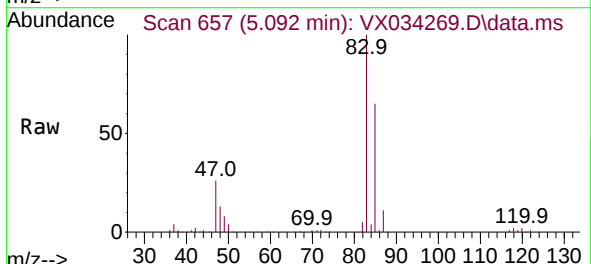
Tgt Ion: 42 Resp: 418504
Ion Ratio Lower Upper
42 100
72 42.5 34.8 52.2
71 39.0 32.2 48.2

Manual Integrations
APPROVED

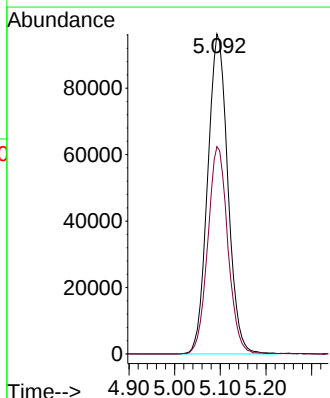
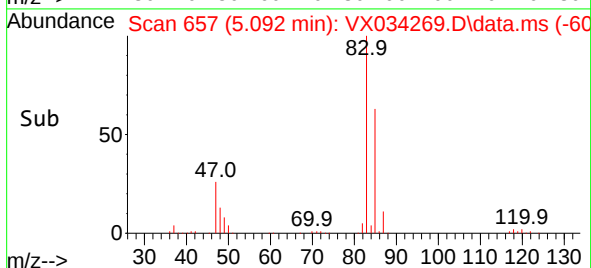
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

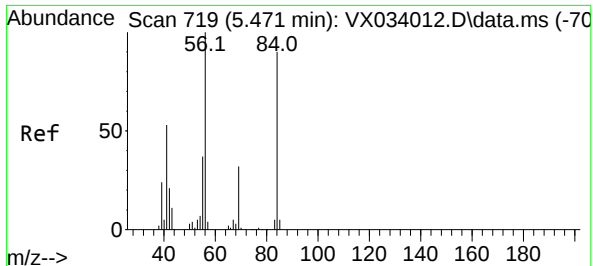


#30
Chloroform
Concen: 49.476 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



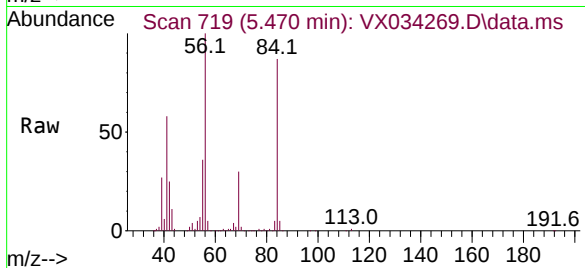
Tgt Ion: 83 Resp: 295666
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1





#31
Cyclohexane
Concen: 46.140 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

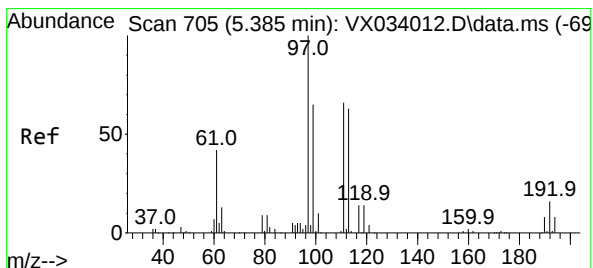
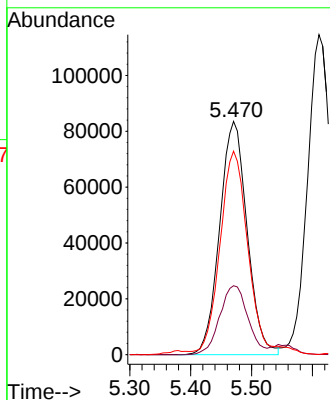
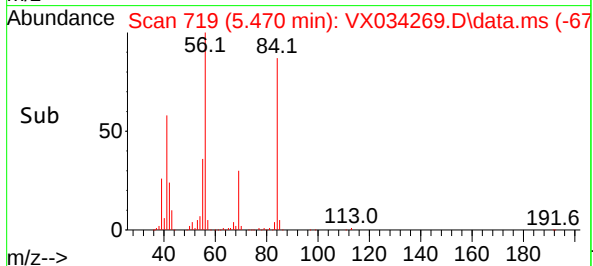
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



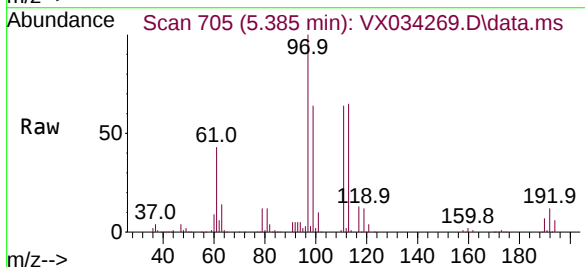
Tgt Ion: 56 Resp: 261468
Ion Ratio Lower Upper
56 100
69 29.6 24.6 37.0
84 85.5 71.0 106.6

Manual Integrations
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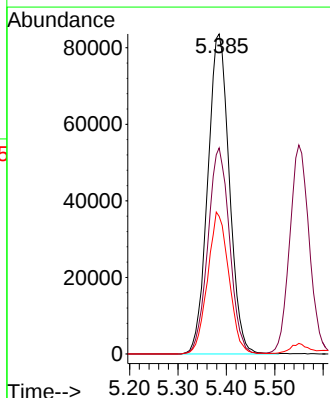
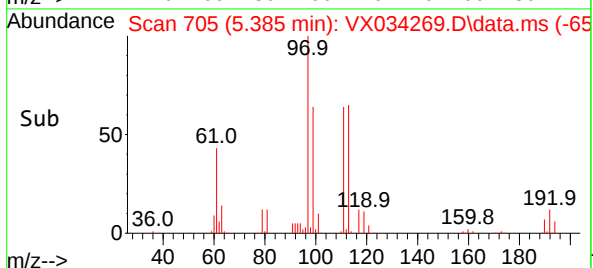
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

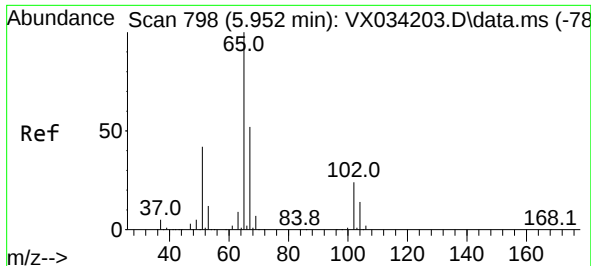


#32
1,1,1-Trichloroethane
Concen: 48.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion: 97 Resp: 258661
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 43.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.448 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18009

Ion Ratio Lower Upper

65 100

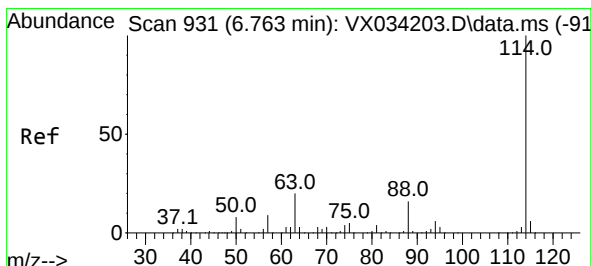
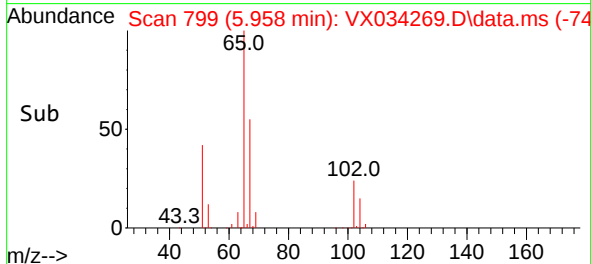
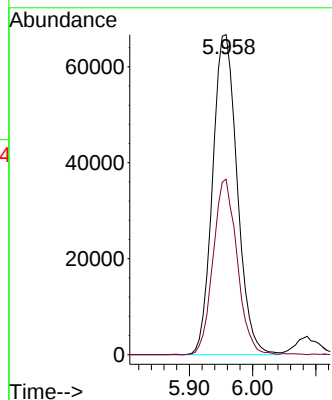
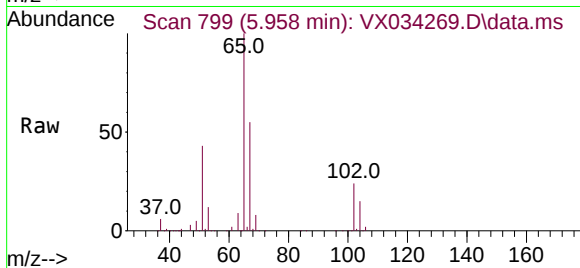
67 53.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

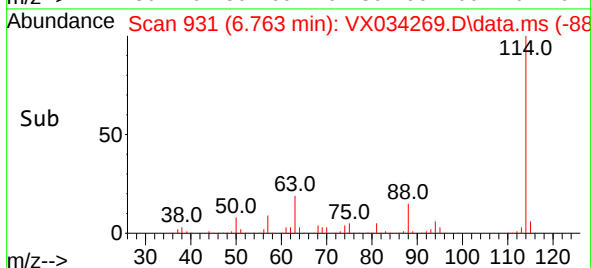
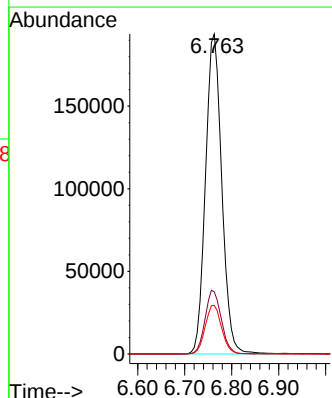
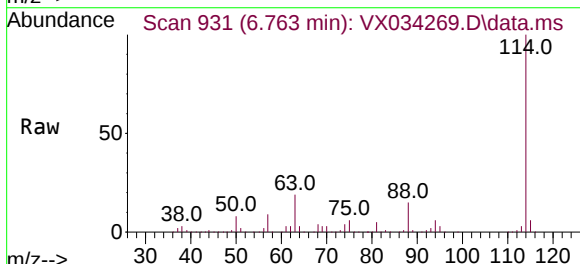
Tgt Ion:114 Resp: 465394

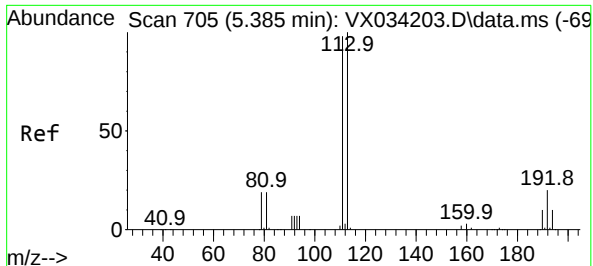
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

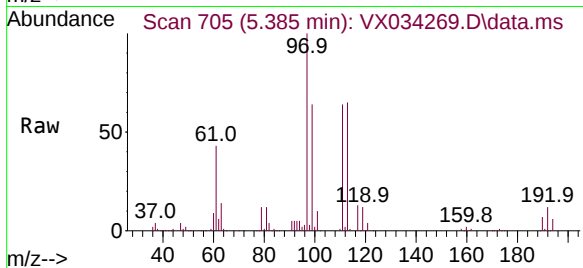
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

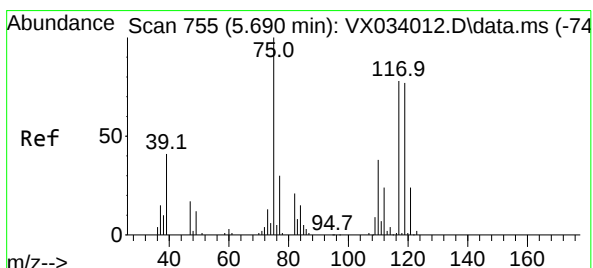
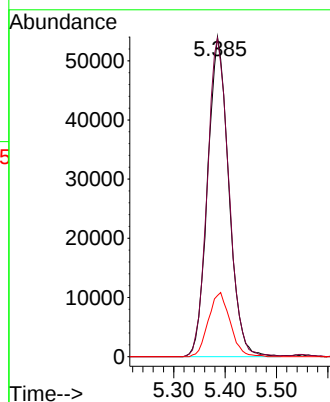
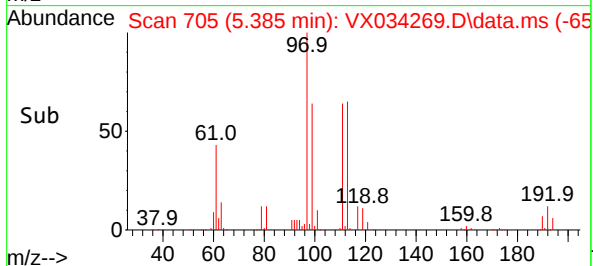
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 154424
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.6
192 20.6 19.0 28.4

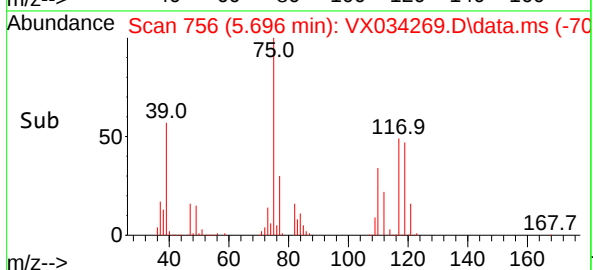
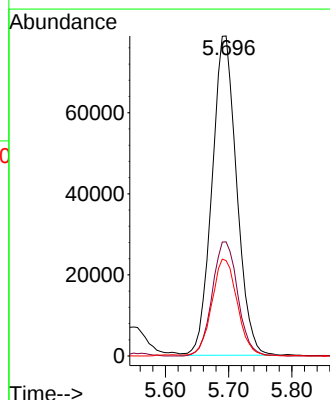
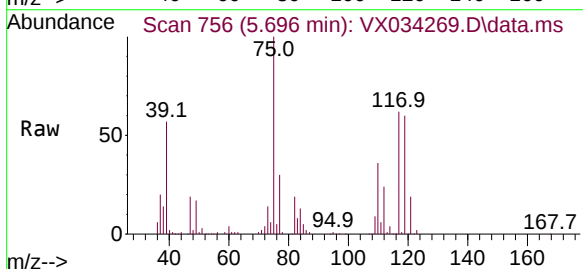
Manual Integrations
APPROVED

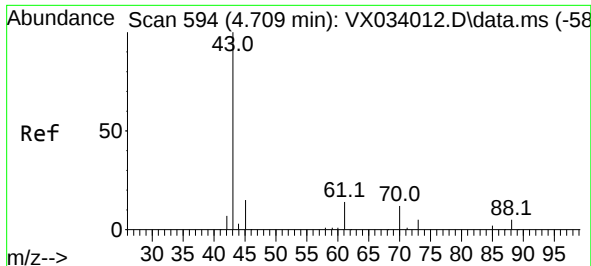
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#36
1,1-Dichloropropene
Concen: 47.595 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 75 Resp: 213290
Ion Ratio Lower Upper
75 100
110 37.1 18.8 56.4
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 49.135 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 246083

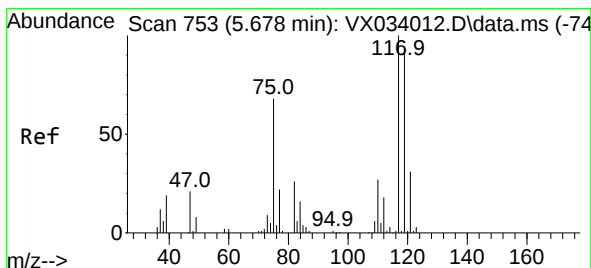
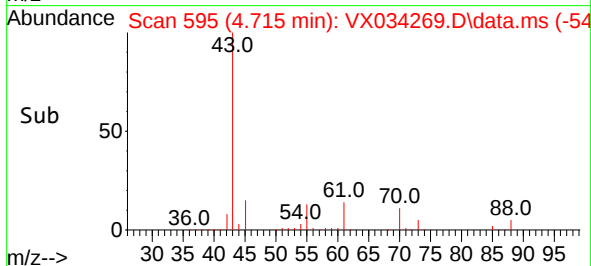
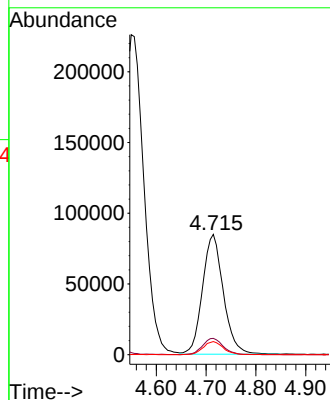
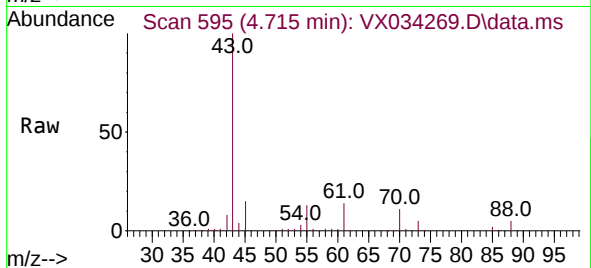
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	10.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#38

Carbon Tetrachloride

Concen: 48.838 ug/l

RT: 5.678 min Scan# 753

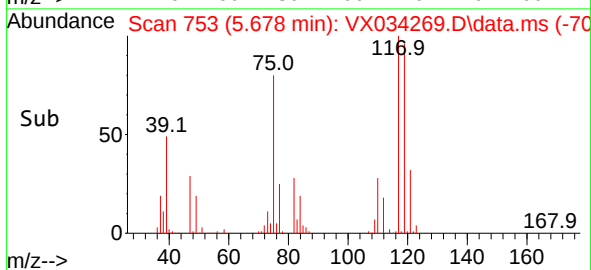
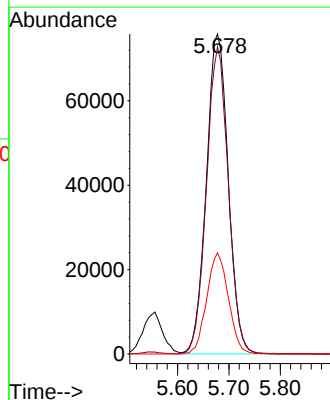
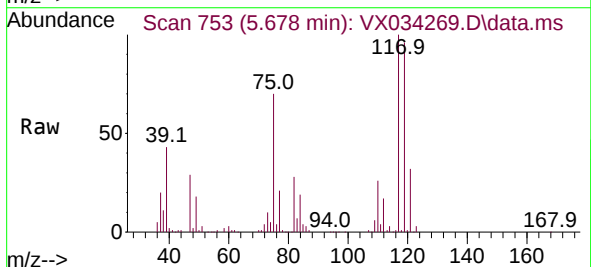
Delta R.T. 0.006 min

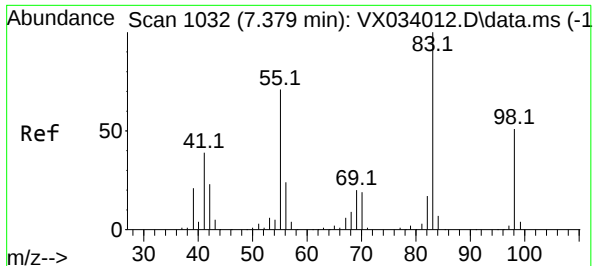
Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Tgt Ion:117 Resp: 225211

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
121	31.6	24.4	36.6





#39

Methylcyclohexane

Concen: 46.827 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034269.D

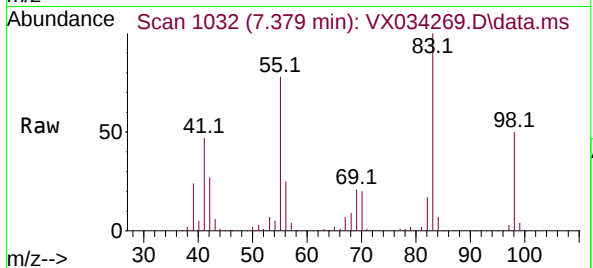
Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 270048

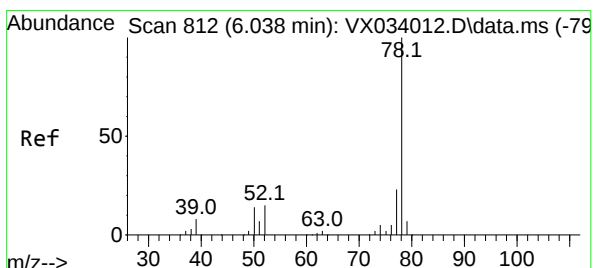
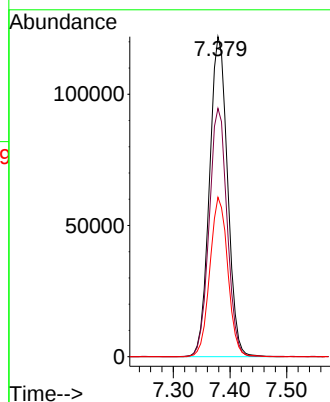
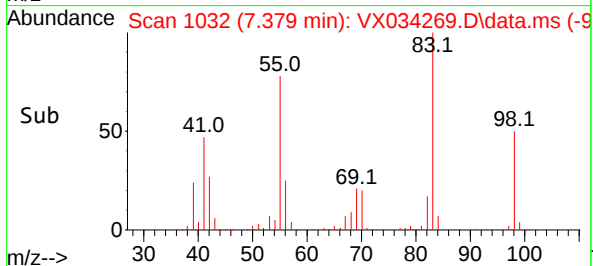
Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.8	92.6
98	49.8	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#40

Benzene

Concen: 49.599 ug/l

RT: 6.037 min Scan# 812

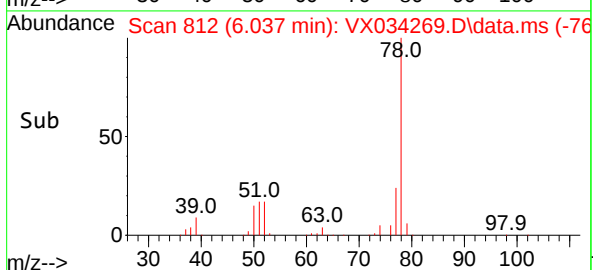
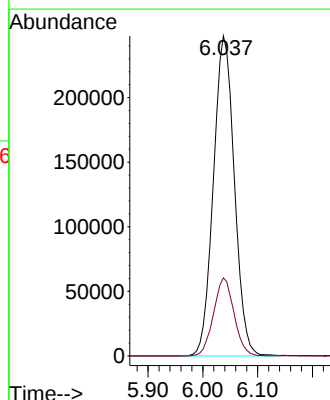
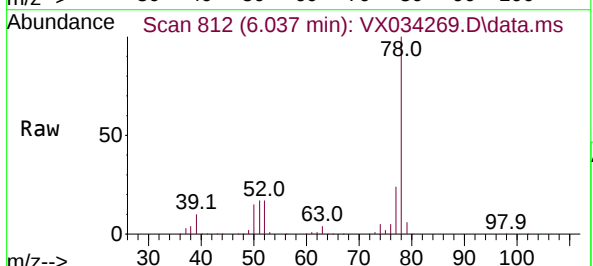
Delta R.T. 0.000 min

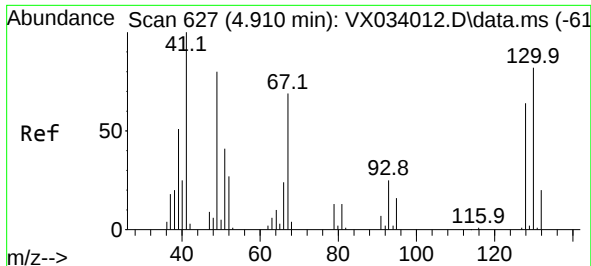
Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Tgt Ion: 78 Resp: 658685

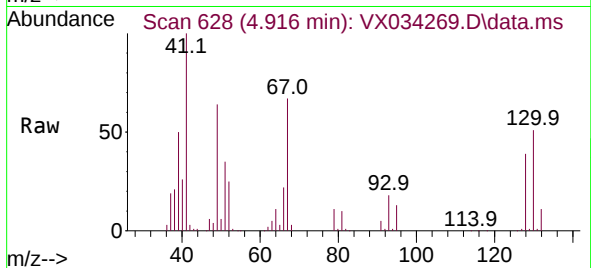
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





#41
Methacrylonitrile
Concen: 50.088 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

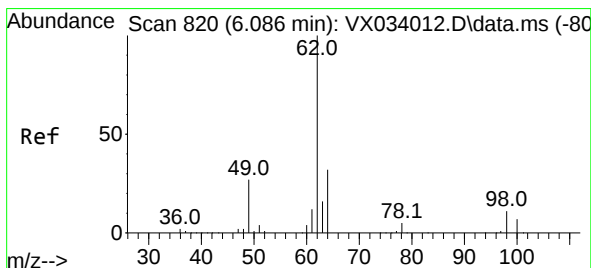
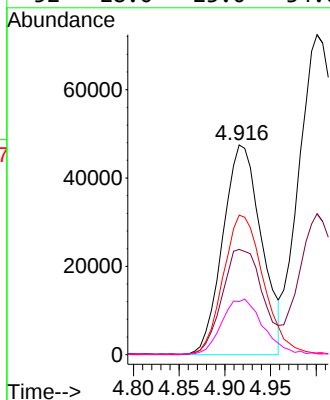
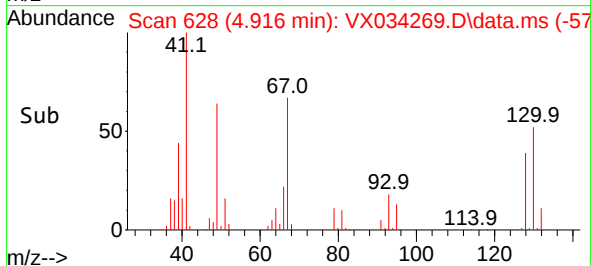
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 13976
Ion Ratio Lower Upper
41 100
39 52.8 43.8 65.6
67 69.5 54.8 82.2
52 28.0 23.0 34.6

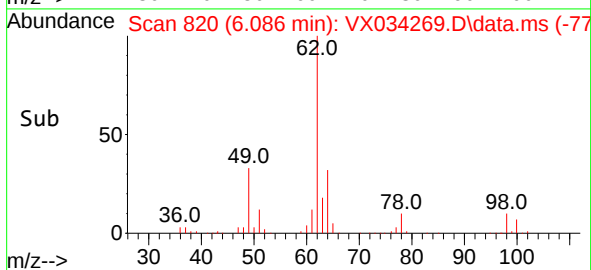
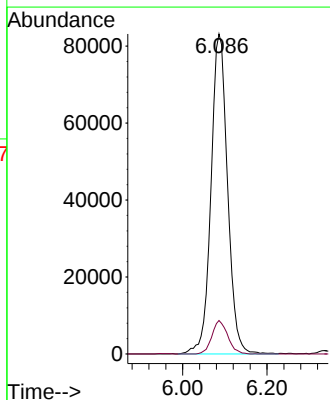
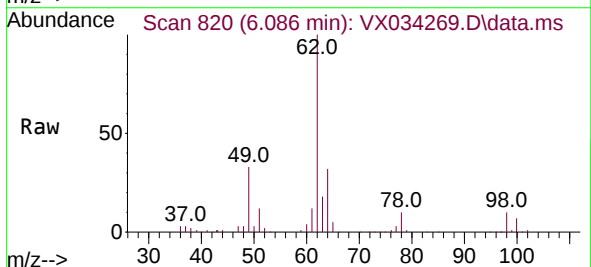
Manual Integrations
APPROVED

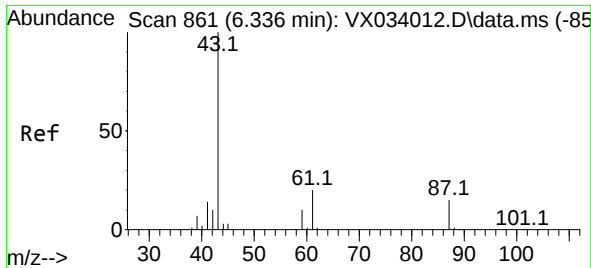
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#42
1,2-Dichloroethane
Concen: 48.562 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

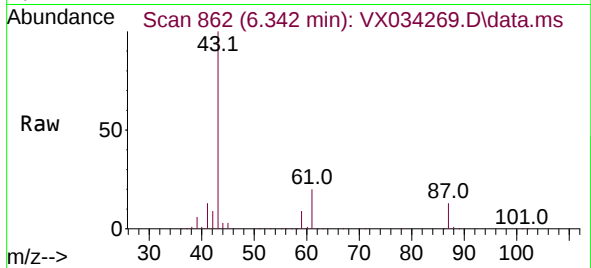
Tgt Ion: 62 Resp: 226820
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 48.563 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

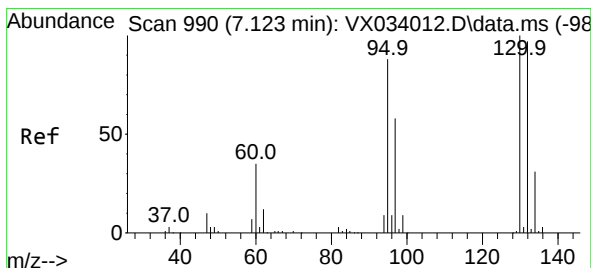
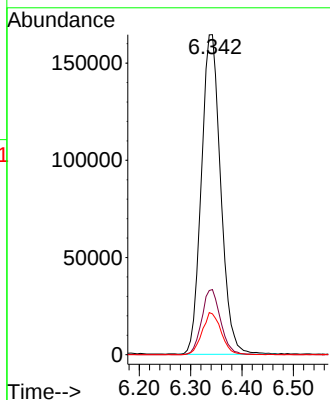
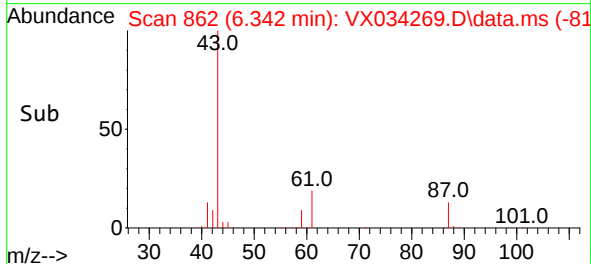
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 429200
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 12.9 10.6 15.8

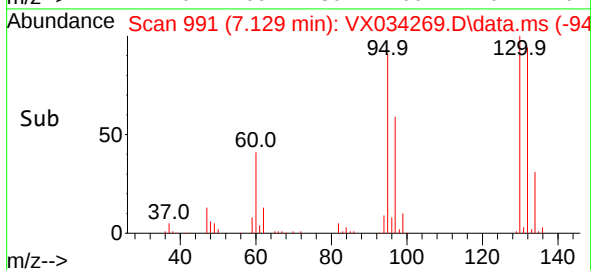
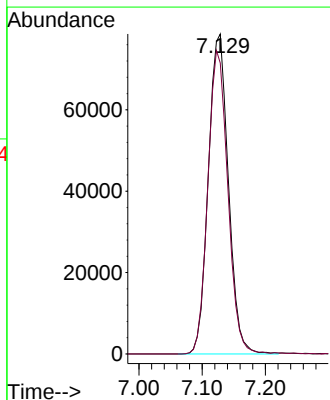
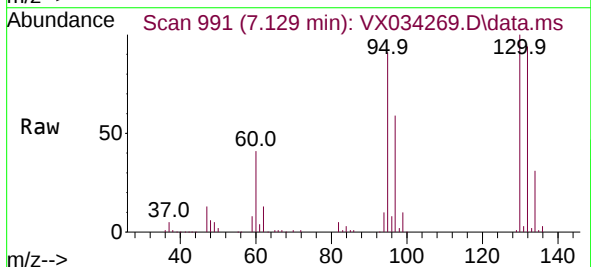
Manual Integrations
APPROVED

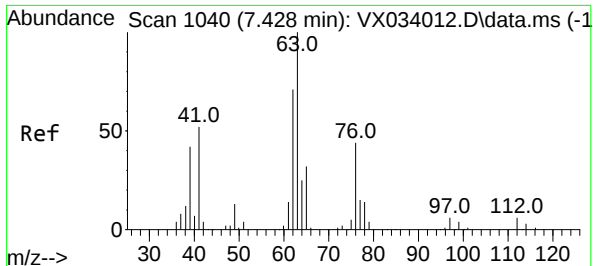
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#44
Trichloroethene
Concen: 50.863 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

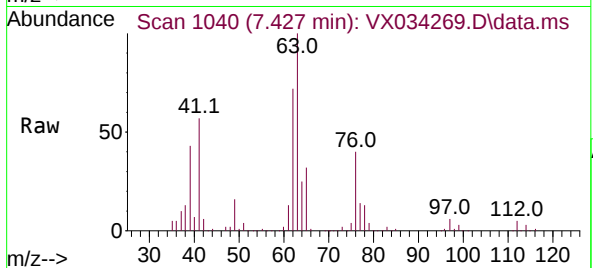
Tgt Ion:130 Resp: 173342
Ion Ratio Lower Upper
130 100
95 90.9 0.0 182.6





#45
1,2-Dichloropropane
Concen: 49.578 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

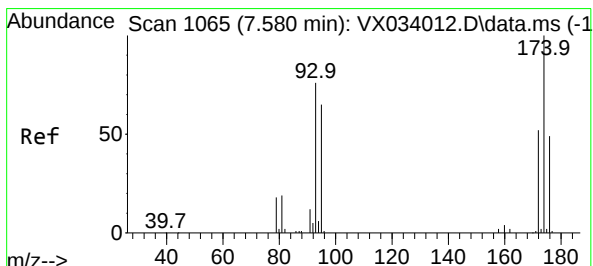
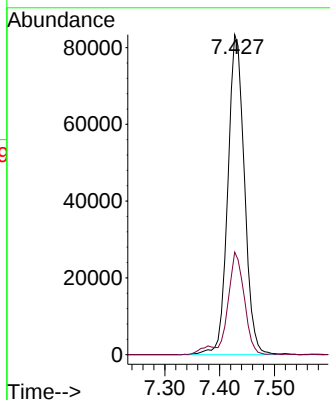
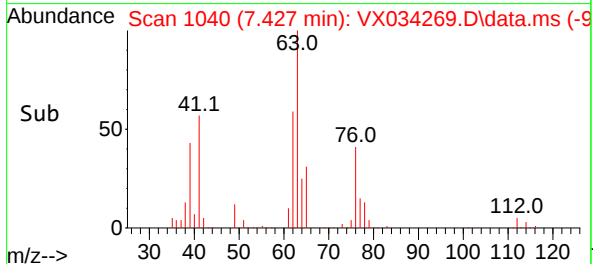
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



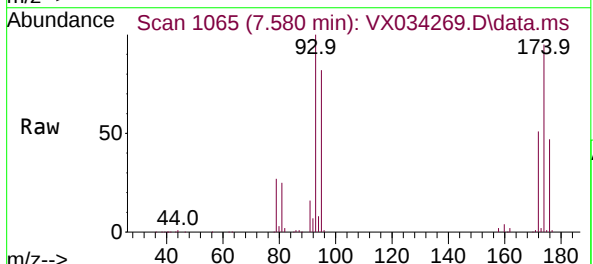
Tgt Ion: 63 Resp: 175274
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.2

Manual Integrations
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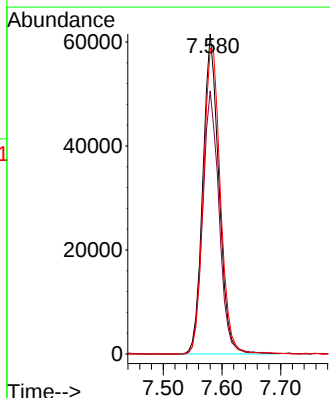
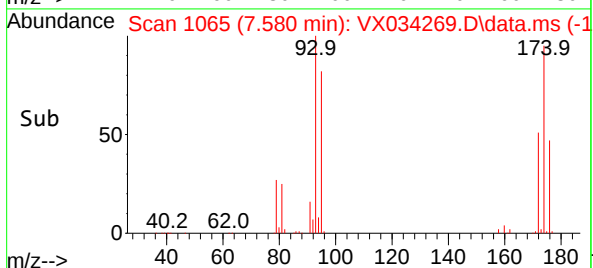
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

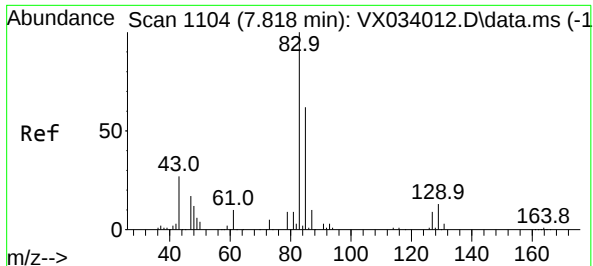


#46
Dibromomethane
Concen: 50.283 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



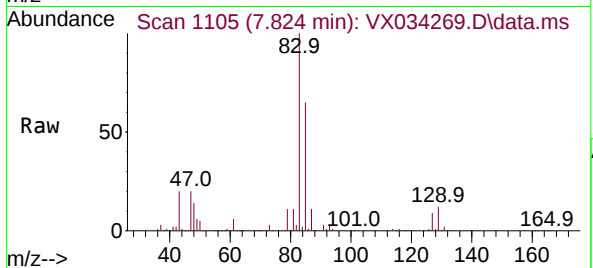
Tgt Ion: 93 Resp: 116992
Ion Ratio Lower Upper
93 100
95 83.0 67.6 101.4
174 101.0 97.4 146.0





#47
Bromodichloromethane
Concen: 48.779 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

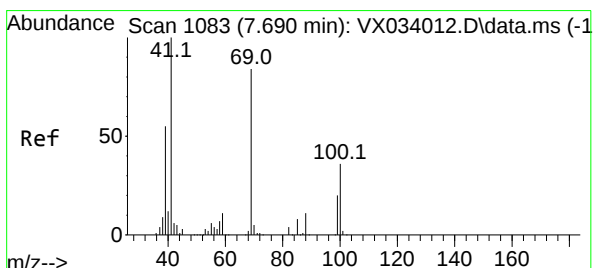
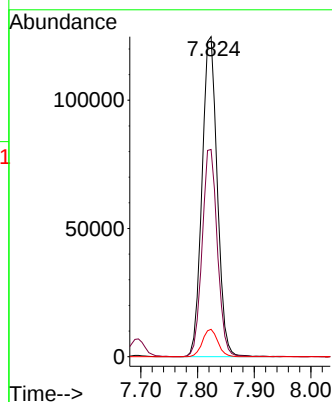
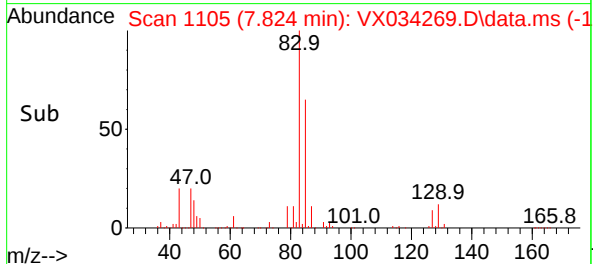
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 232911
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.6 7.0 10.4

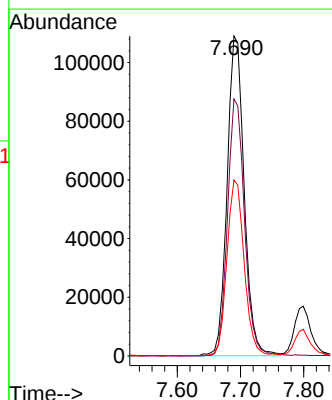
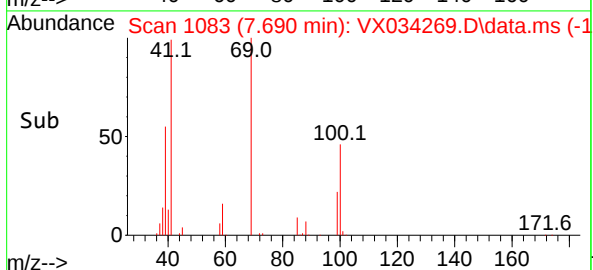
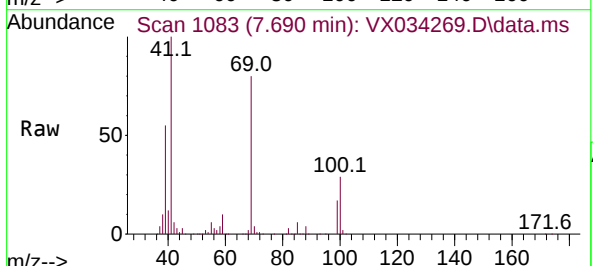
Manual Integrations
APPROVED

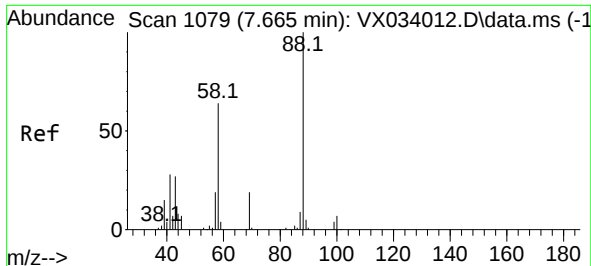
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#48
Methyl methacrylate
Concen: 48.555 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 41 Resp: 203679
Ion Ratio Lower Upper
41 100
69 80.2 63.1 94.7
39 55.6 43.2 64.8





#49

1,4-Dioxane

Concen: 1013.829 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

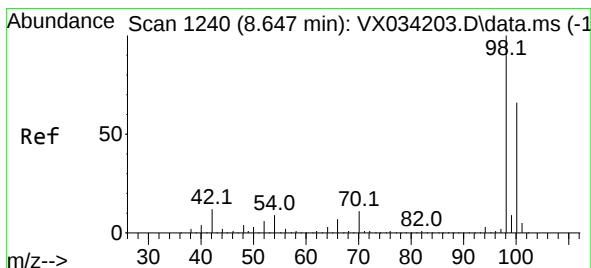
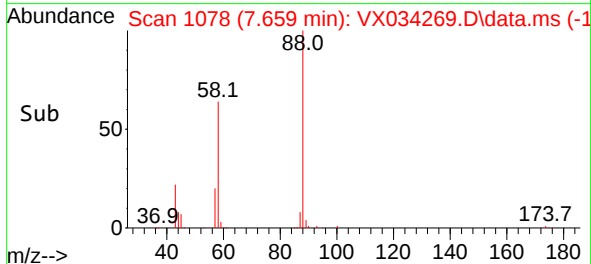
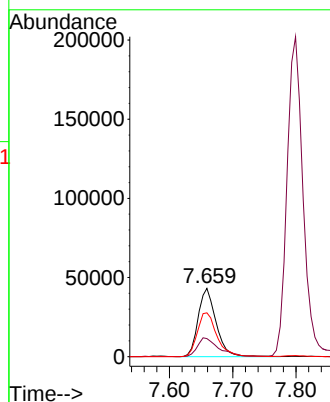
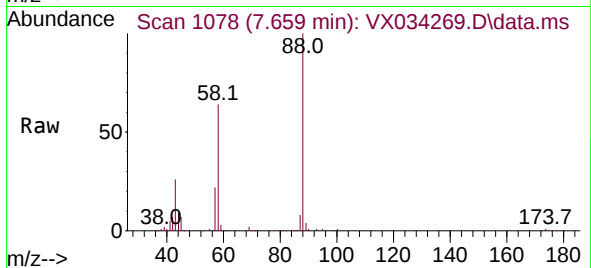
Tgt Ion: 88 Resp: 84827
 Ion Ratio Lower Upper
 88 100
 43 32.2 0.0 0.0
 58 70.3 56.5 84.7

Manual Integrations

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Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#50

Toluene-d8

Concen: 53.201 ug/l

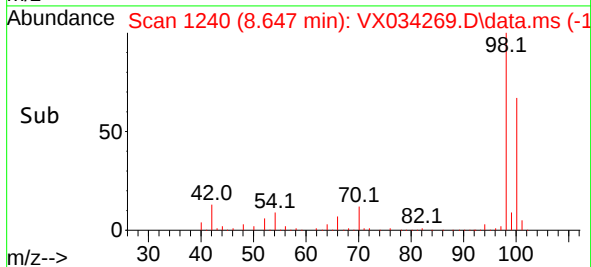
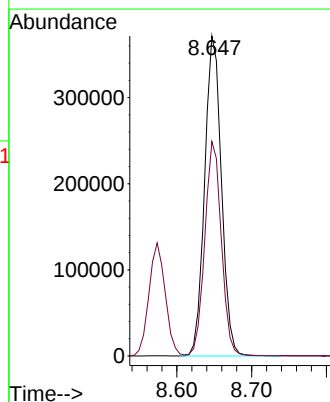
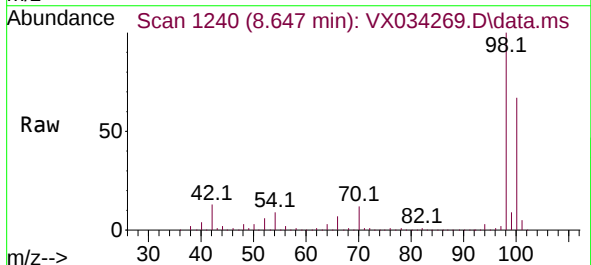
RT: 8.647 min Scan# 1240

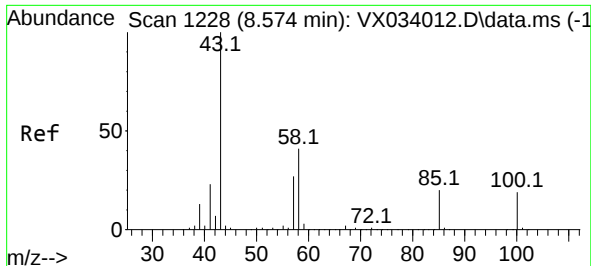
Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Tgt Ion: 98 Resp: 578793
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.6 80.4





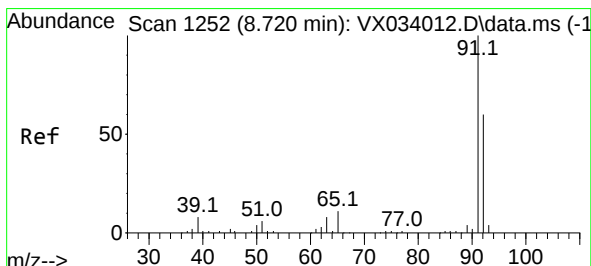
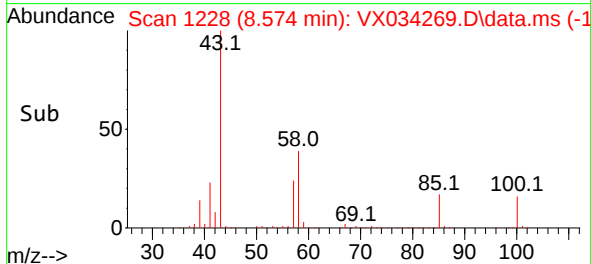
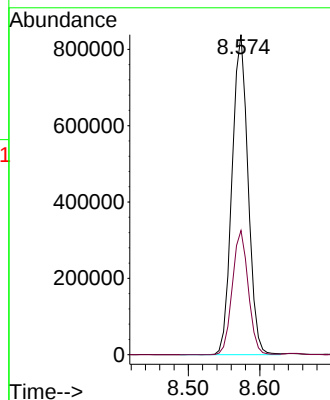
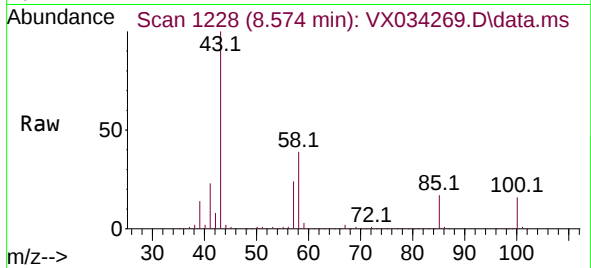
#51
4-Methyl-2-Pentanone
Concen: 268.029 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1303284
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8

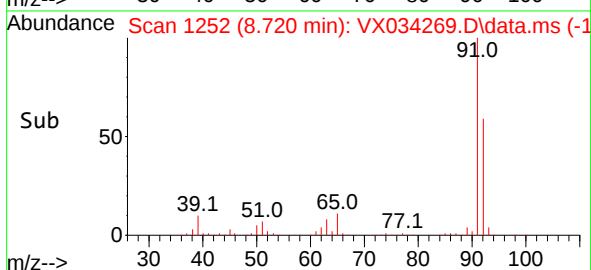
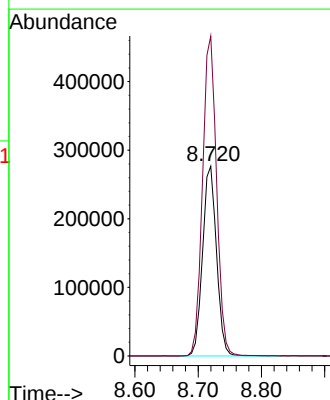
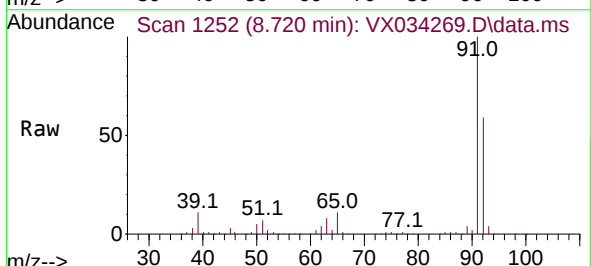
Manual Integrations
APPROVED

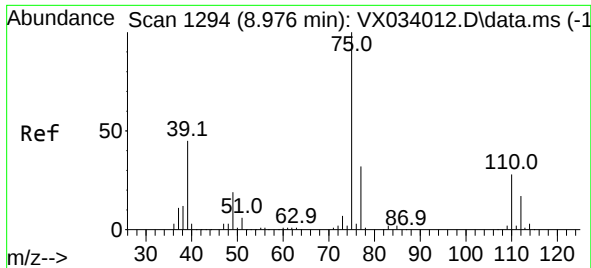
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#52
Toluene
Concen: 52.780 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 92 Resp: 424713
Ion Ratio Lower Upper
92 100
91 169.8 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 49.420 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

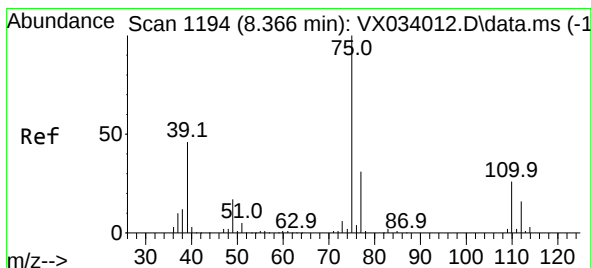
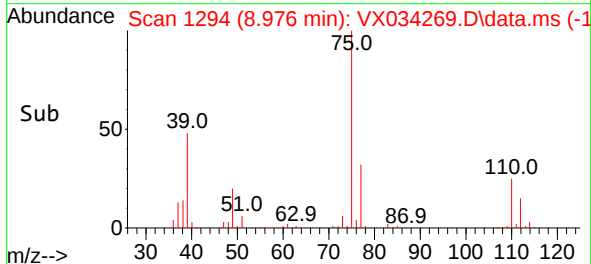
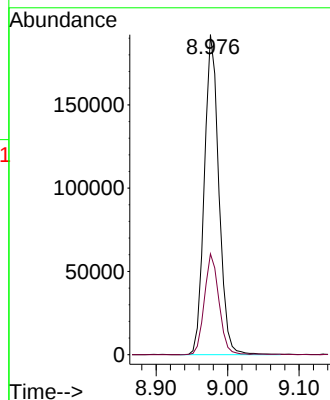
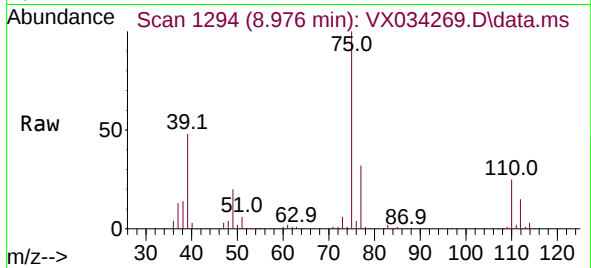
VSTDCCC050EC

Tgt Ion: 75 Resp: 271618
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

Manual Integrations

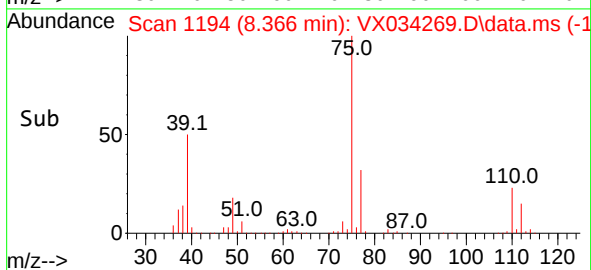
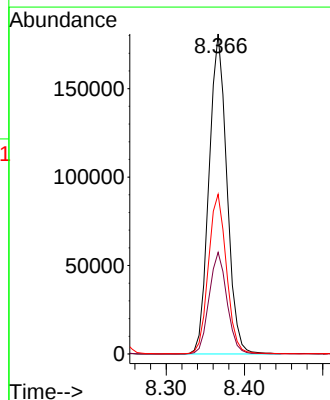
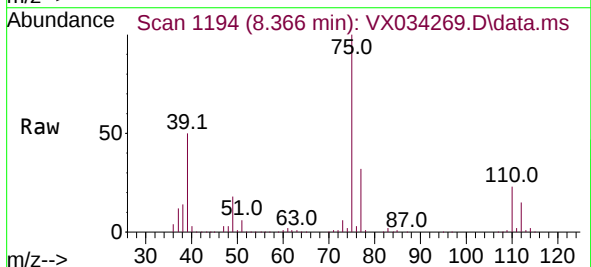
APPROVED

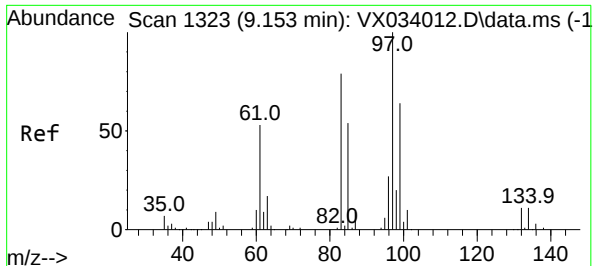
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#54
cis-1,3-Dichloropropene
Concen: 48.680 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

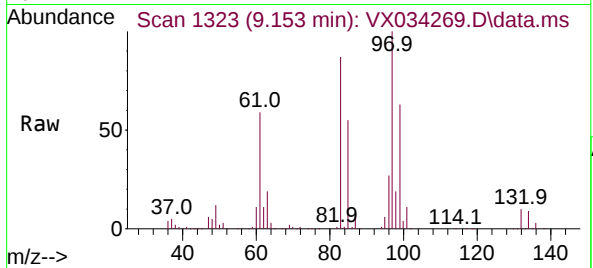
Tgt Ion: 75 Resp: 286430
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 49.8 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 53.423 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

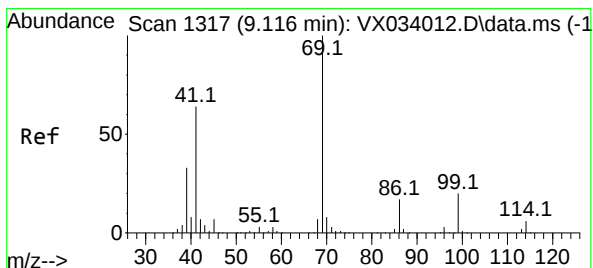
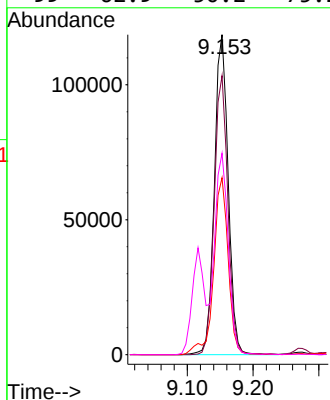
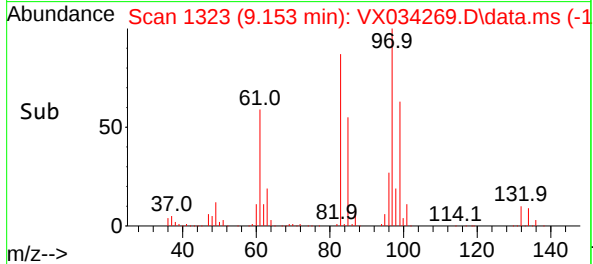


Tgt Ion: 97 Resp: 17352

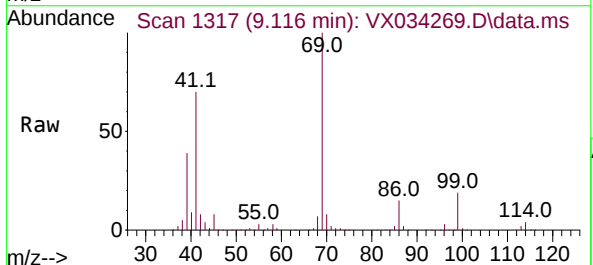
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.4	101.0
85	55.3	43.2	64.8
99	62.9	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

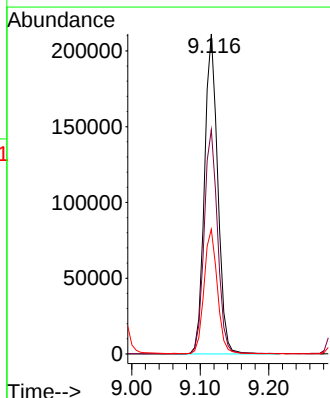
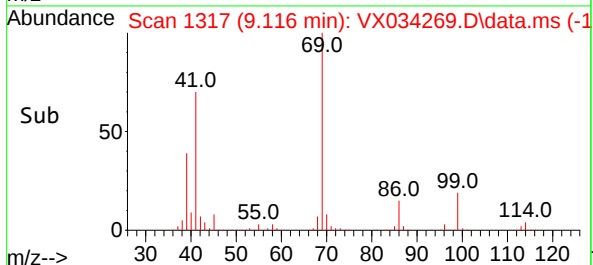


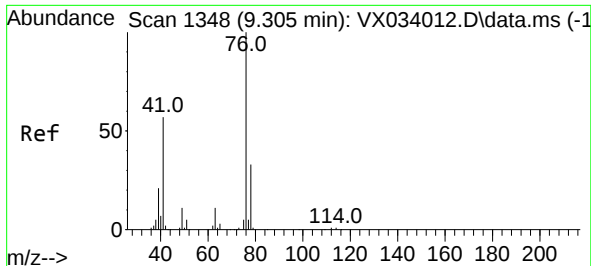
#56
Ethyl methacrylate
Concen: 51.888 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion: 69 Resp: 285105

Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.1	82.7
39	38.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.576 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 29711

Ion Ratio Lower Upper

76 100

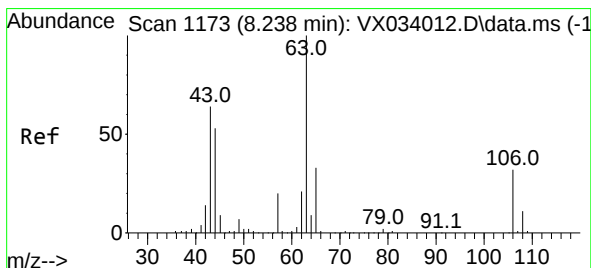
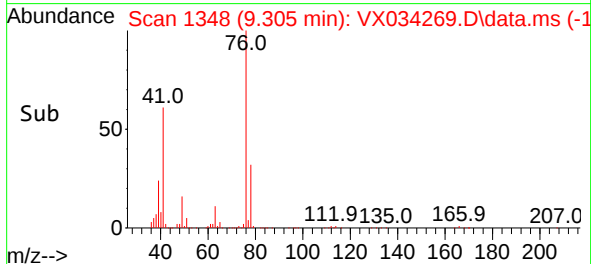
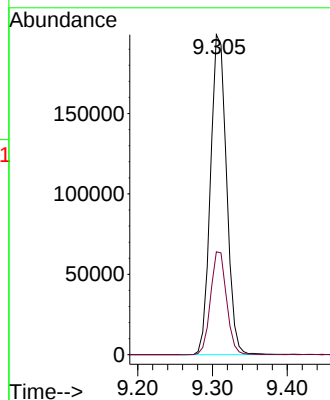
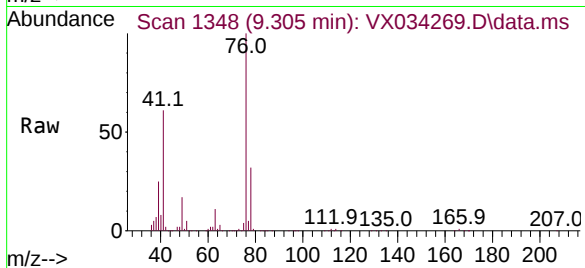
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.740 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034269.D

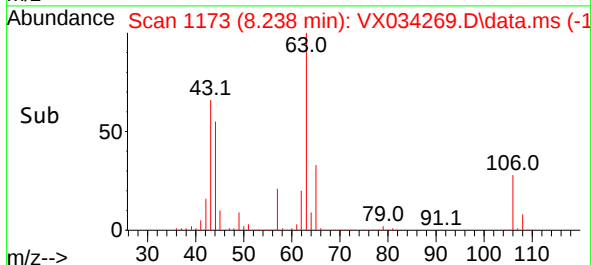
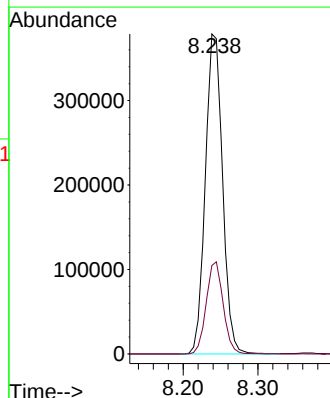
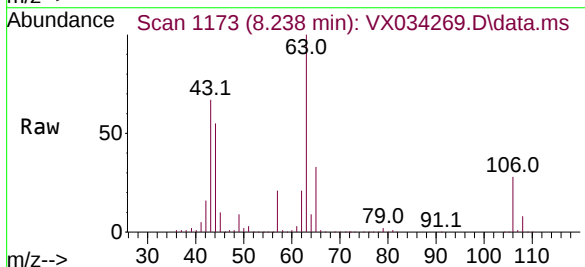
Acq: 24 Feb 2023 17:24

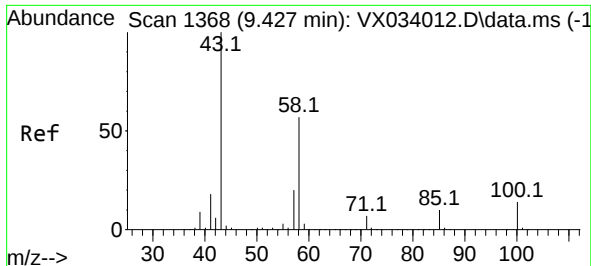
Tgt Ion: 63 Resp: 606337

Ion Ratio Lower Upper

63 100

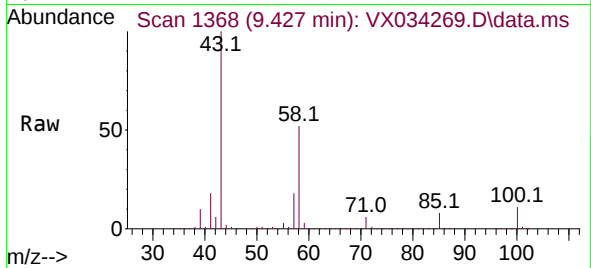
106 28.3 24.5 36.7





#59
2-Hexanone
Concen: 268.486 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

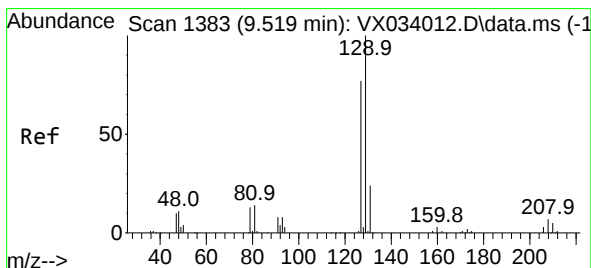
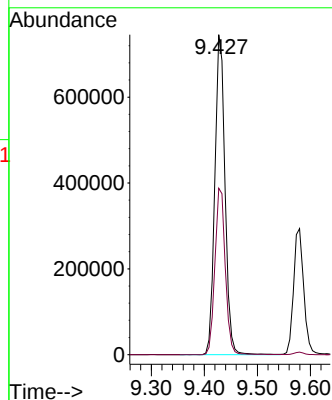
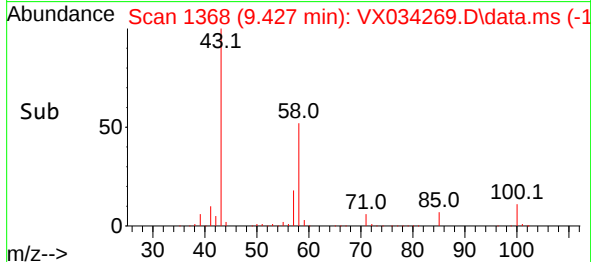
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 994930
Ion Ratio Lower Upper
43 100
58 53.1 27.4 82.0

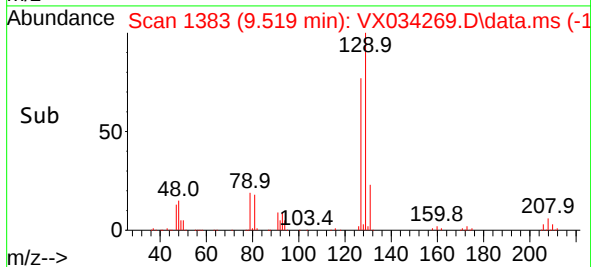
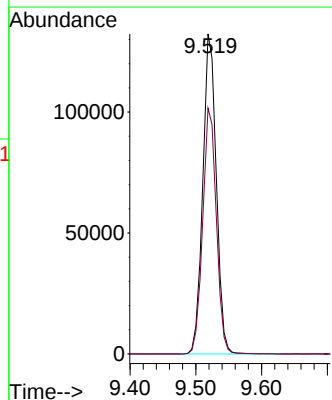
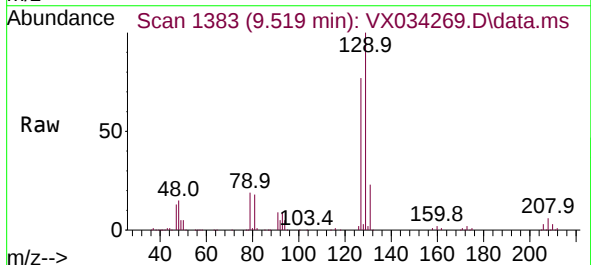
Manual Integrations
APPROVED

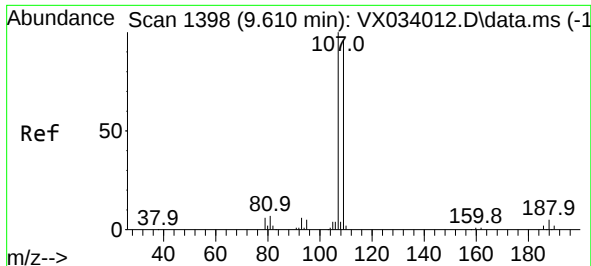
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#60
Dibromochloromethane
Concen: 52.531 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

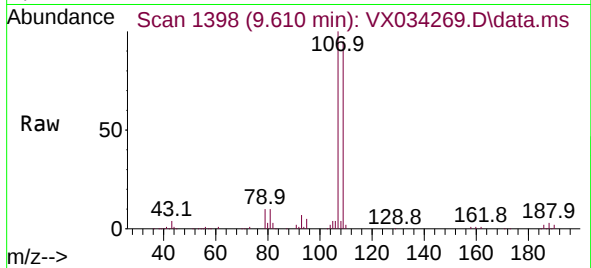
Tgt Ion:129 Resp: 188528
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61
1,2-Dibromoethane
Concen: 52.975 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

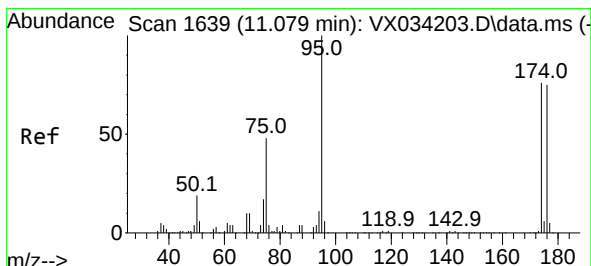
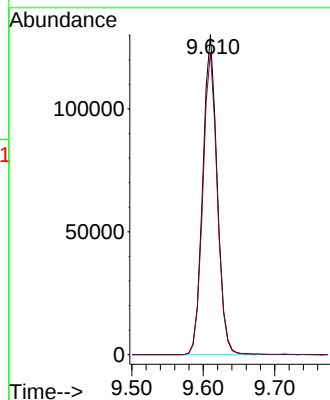
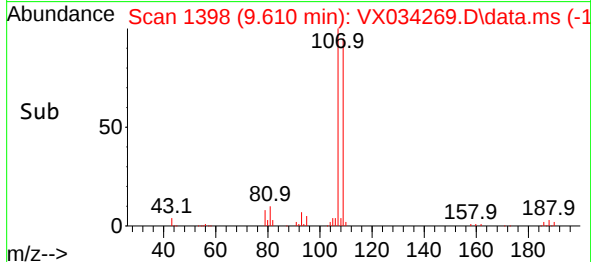
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



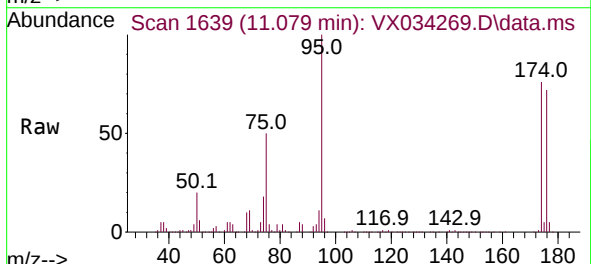
Tgt Ion:107 Resp: 18197
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.2

Manual Integrations
APPROVED

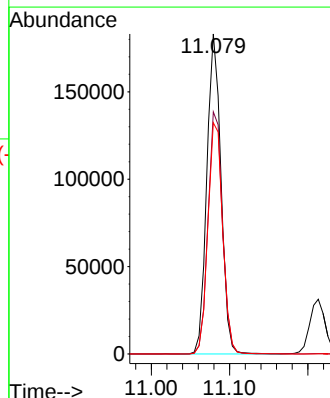
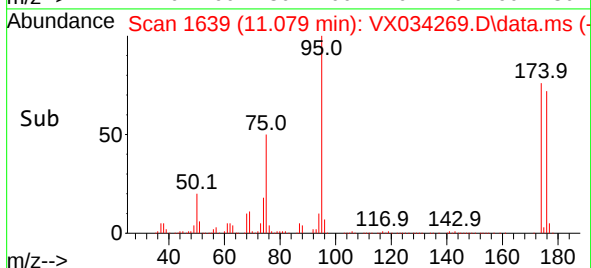
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

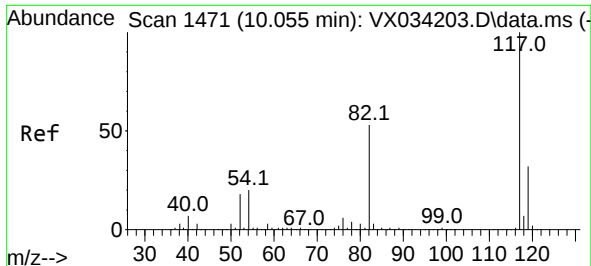


#62
4-Bromofluorobenzene
Concen: 54.813 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



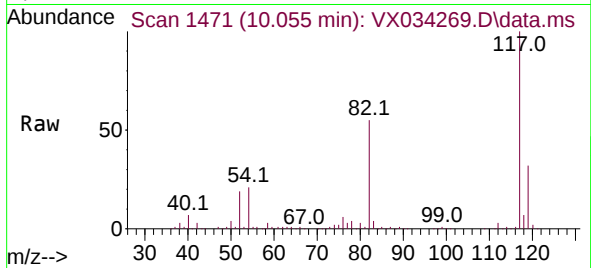
Tgt Ion: 95 Resp: 228101
Ion Ratio Lower Upper
95 100
174 77.5 0.0 184.4
176 75.6 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

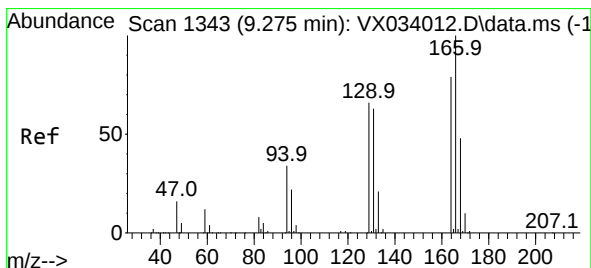
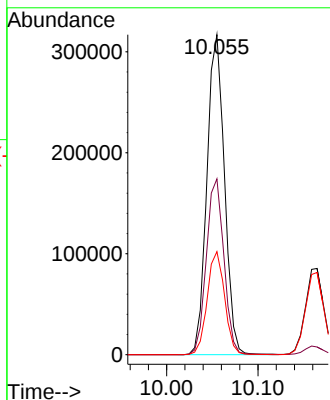
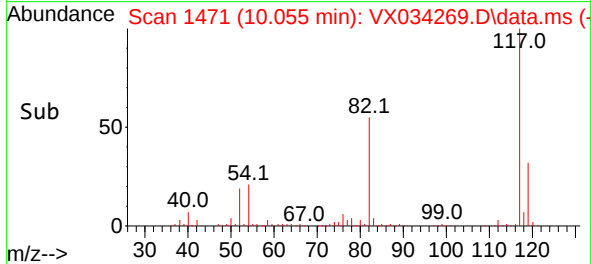
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 42338
Ion Ratio Lower Upper
117 100
82 54.9 40.6 60.8
119 32.2 25.6 38.4

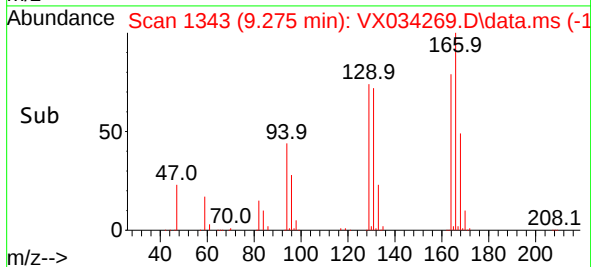
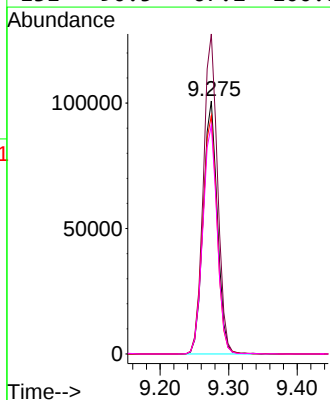
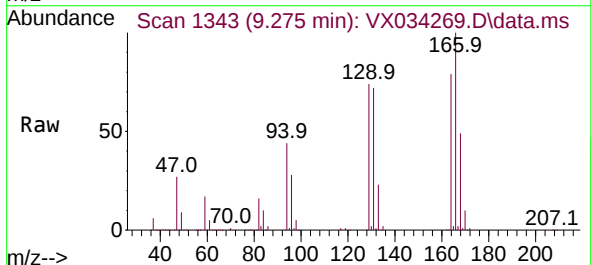
Manual Integrations
APPROVED

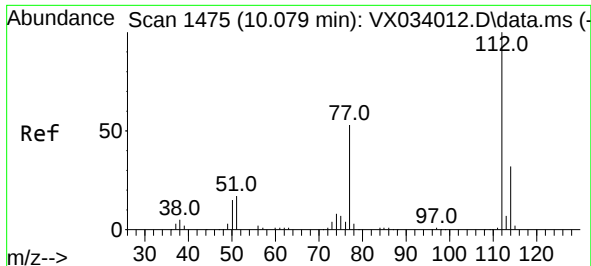
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#64
Tetrachloroethene
Concen: 48.368 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

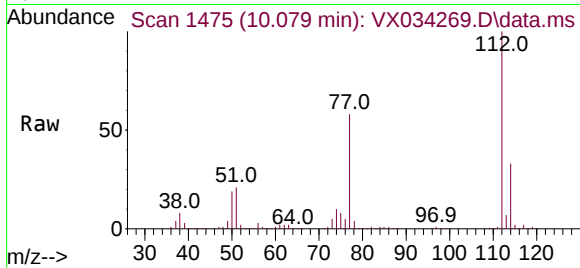
Tgt Ion:164 Resp: 144529
Ion Ratio Lower Upper
164 100
166 126.5 100.2 150.2
129 94.2 69.2 103.8
131 90.5 67.2 100.8





#65
Chlorobenzene
Concen: 51.586 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

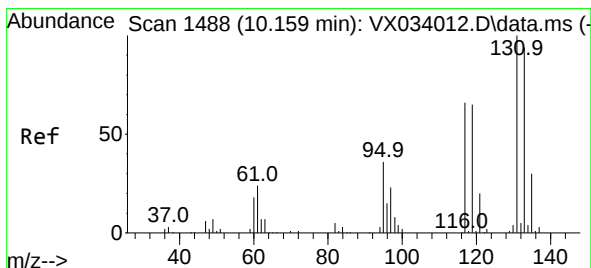
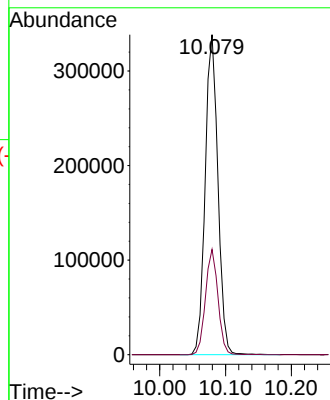
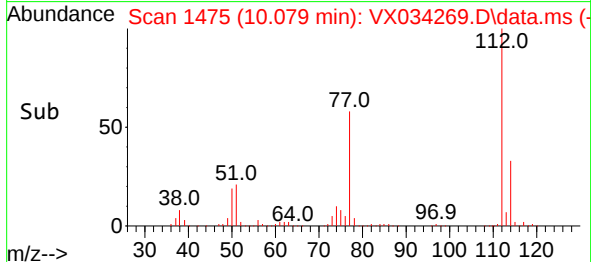
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 455260
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4

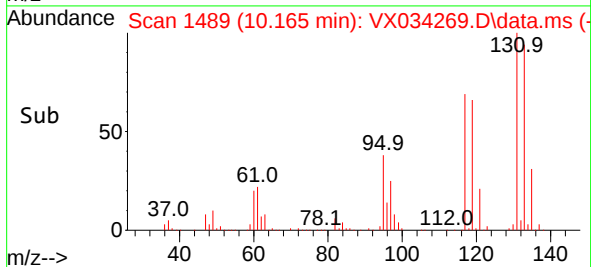
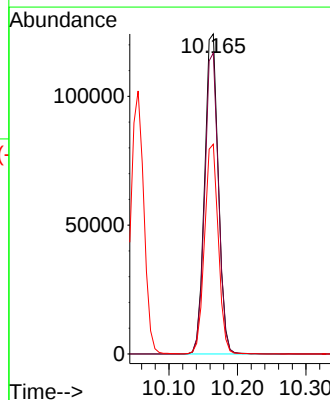
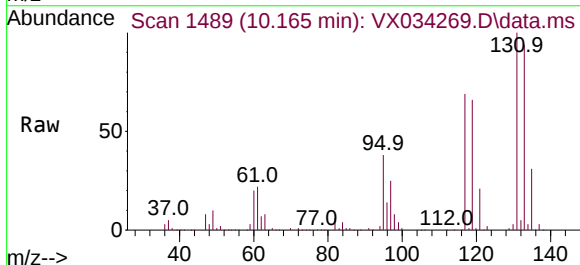
Manual Integrations
APPROVED

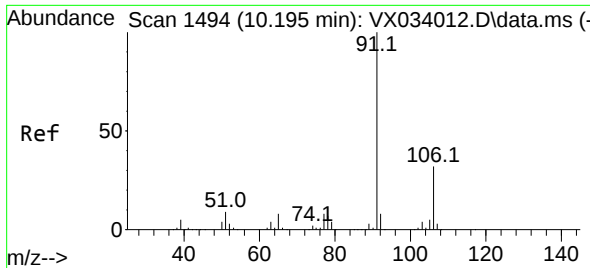
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.700 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

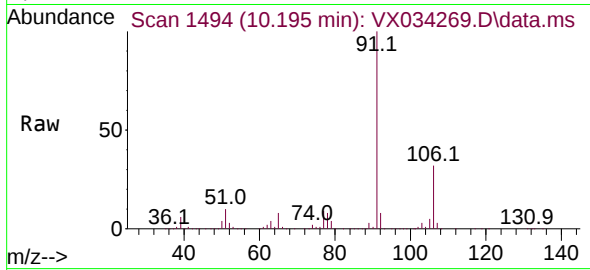
Tgt Ion:131 Resp: 173218
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 65.9 31.9 95.7





#67
Ethyl Benzene
Concen: 51.798 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

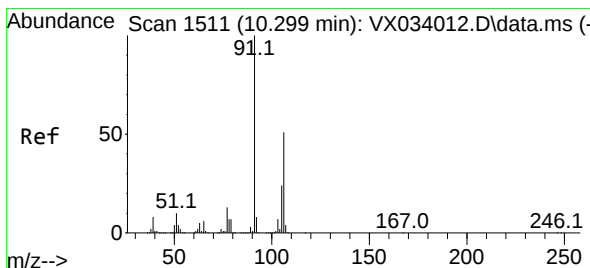
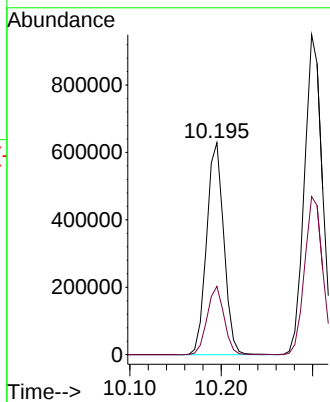
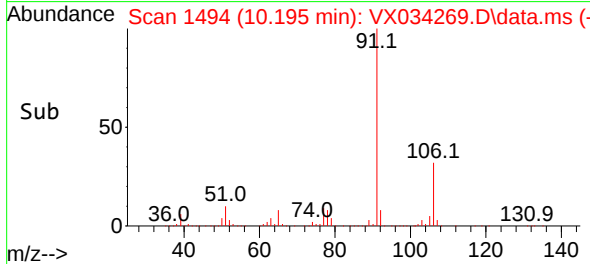
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



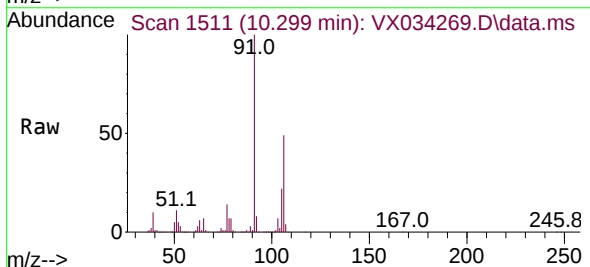
Tgt Ion: 91 Resp: 821264
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

Manual Integrations
APPROVED

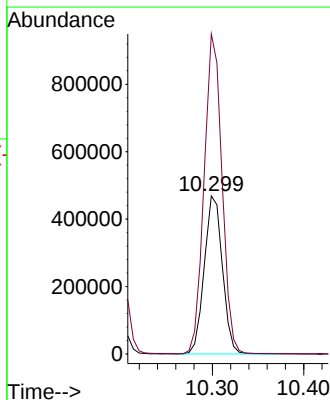
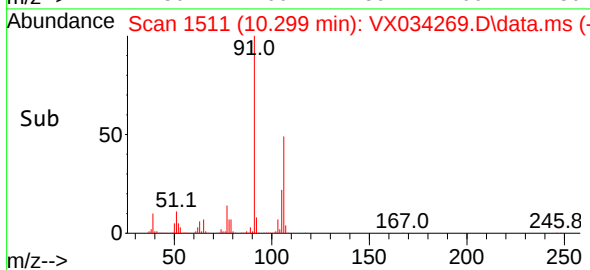
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

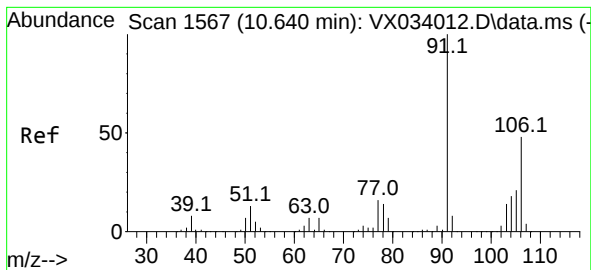


#68
m/p-Xylenes
Concen: 106.089 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion:106 Resp: 643703
Ion Ratio Lower Upper
106 100
91 200.4 156.4 234.6





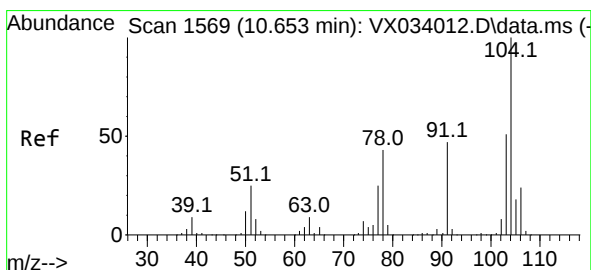
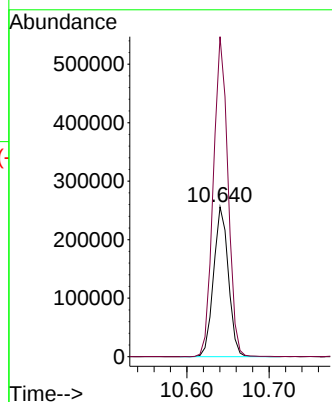
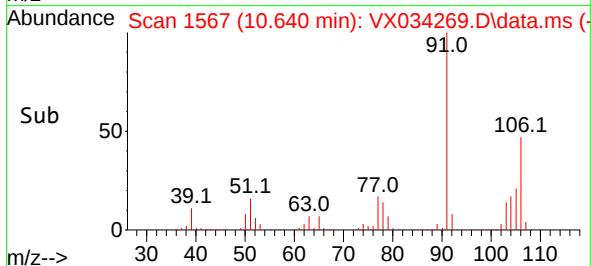
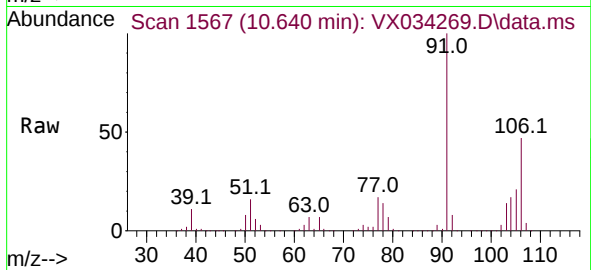
#69
o-Xylene
Concen: 52.976 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 320000
Ion Ratio Lower Upper
106 100
91 211.5 103.1 309.3

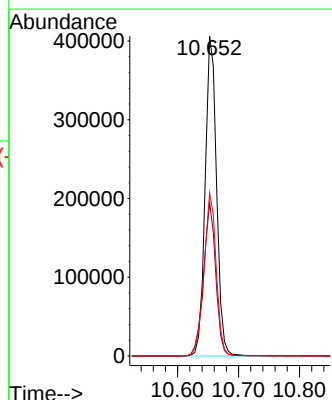
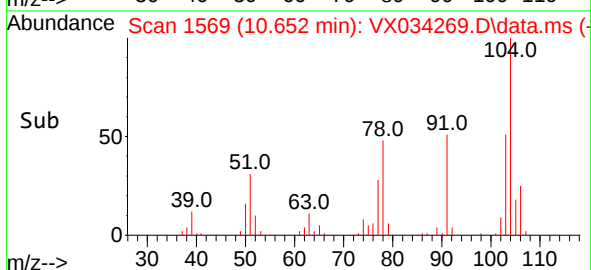
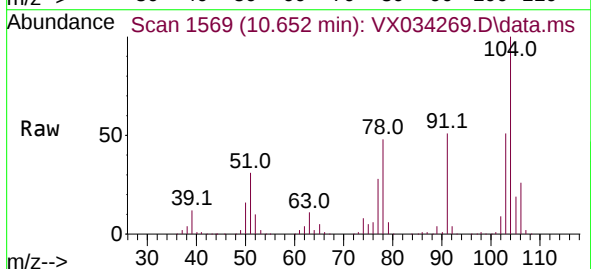
Manual Integrations
APPROVED

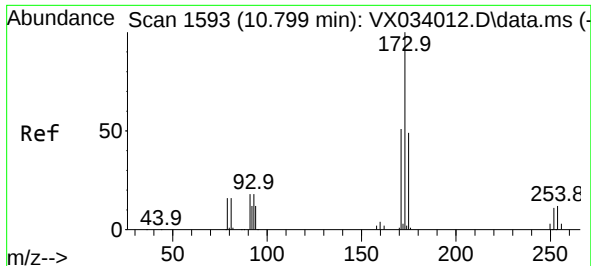
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#70
Styrene
Concen: 54.077 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

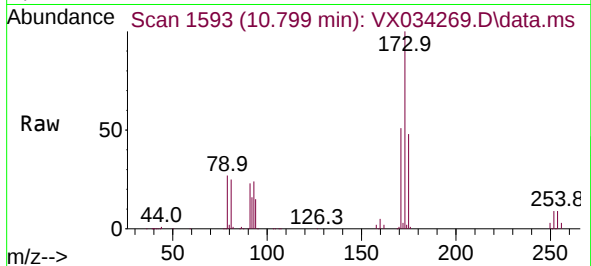
Tgt Ion:104 Resp: 531267
Ion Ratio Lower Upper
104 100
78 51.1 37.5 56.3
103 54.5 43.3 64.9





#71
Bromoform
Concen: 50.784 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

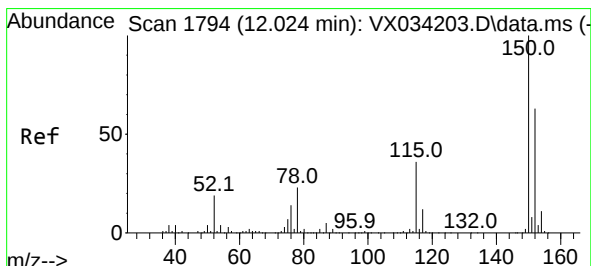
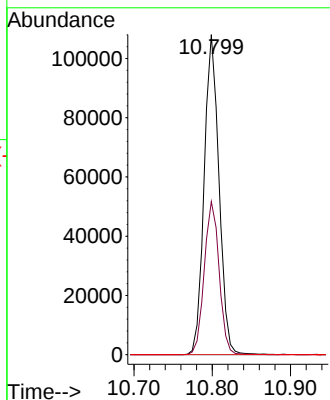
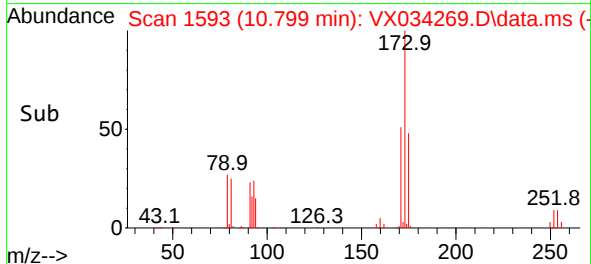
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 141623
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.0 0.1 0.1

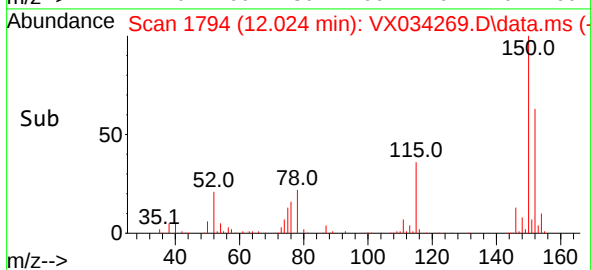
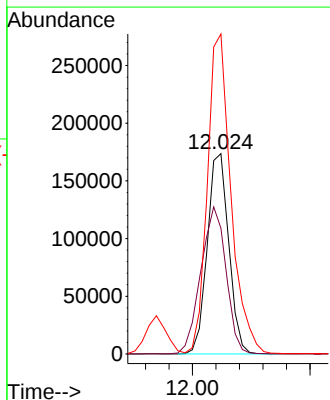
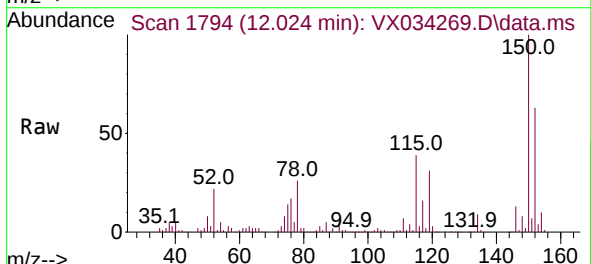
Manual Integrations
APPROVED

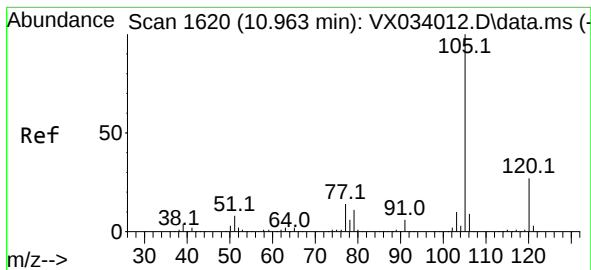
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion:152 Resp: 220449
Ion Ratio Lower Upper
152 100
115 86.5 38.7 116.1
150 175.6 0.0 348.2





#73

Isopropylbenzene

Concen: 49.149 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 825749

Ion Ratio Lower Upper

105 100

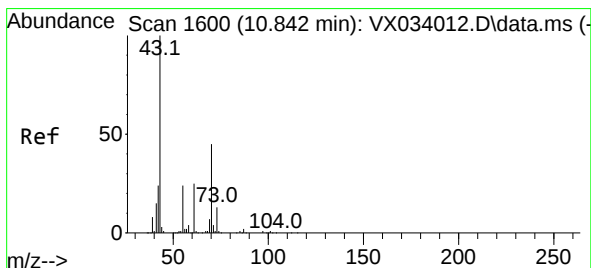
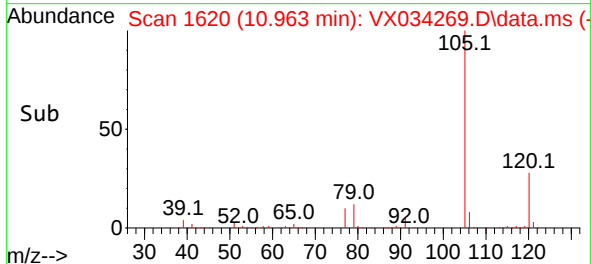
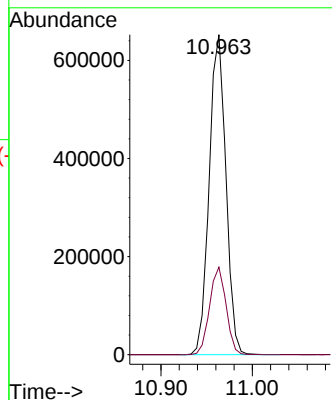
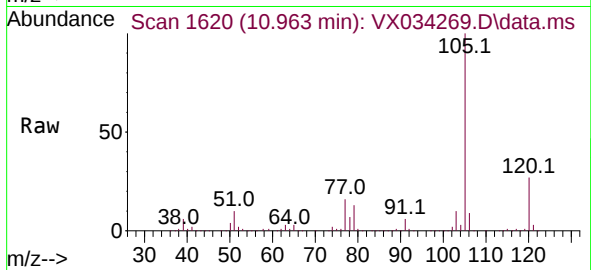
120 27.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#74

N-ethyl acetate

Concen: 48.436 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Tgt Ion: 43 Resp: 408830

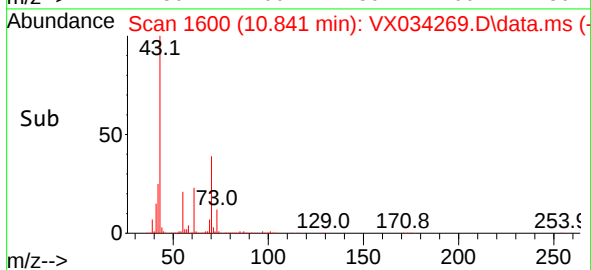
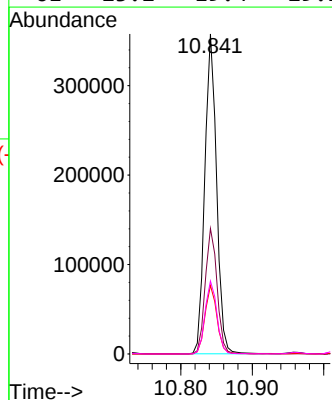
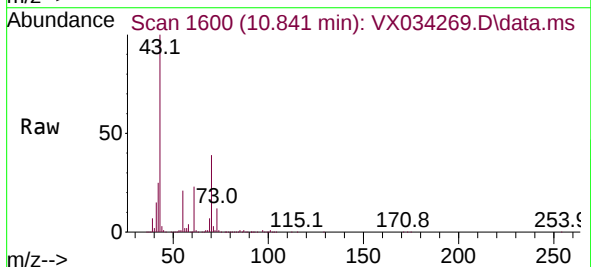
Ion Ratio Lower Upper

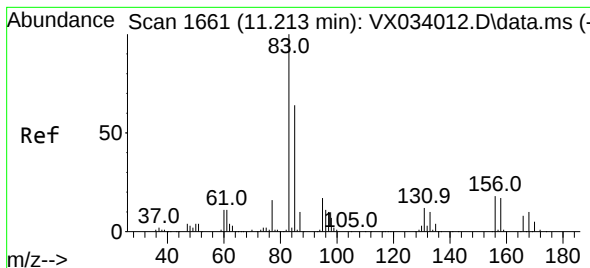
43 100

70 39.8 34.8 52.2

55 21.8 19.4 29.0

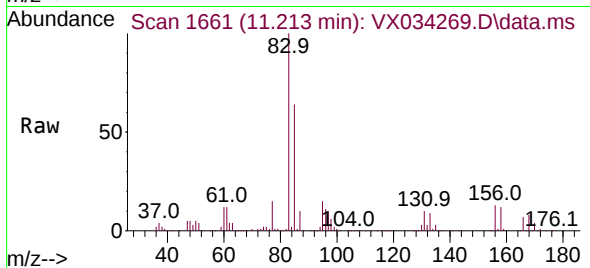
61 23.2 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.591 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

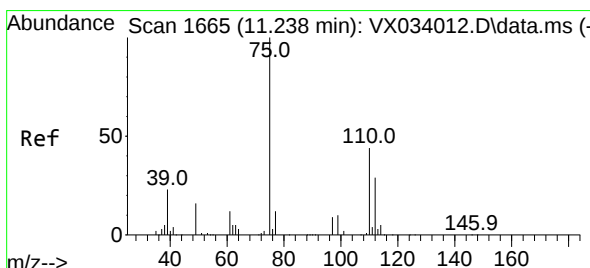
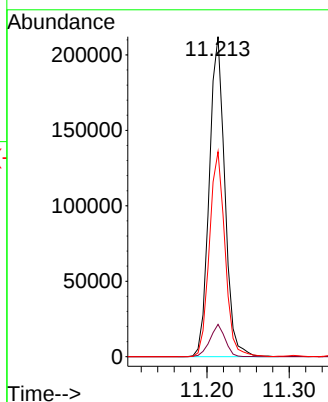
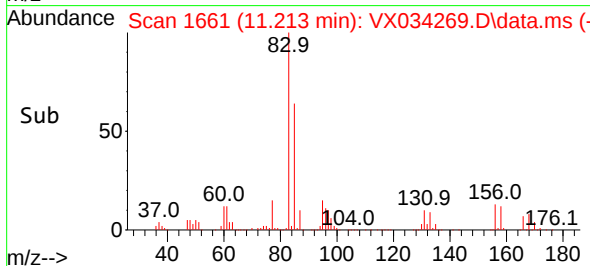
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



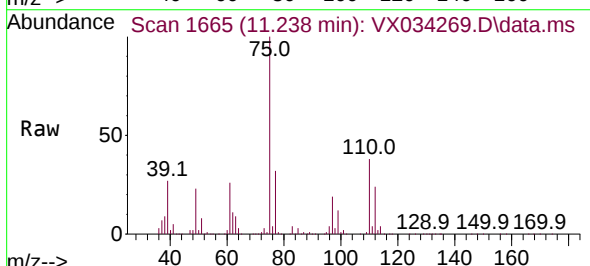
Tgt Ion: 83 Resp: 279224
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.7
85 64.1 32.3 96.9

Manual Integrations
APPROVED

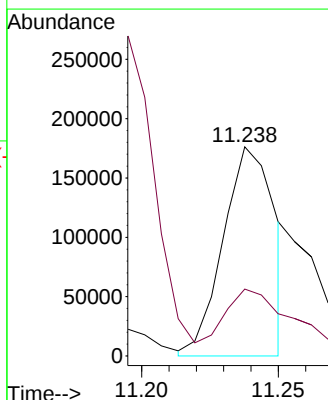
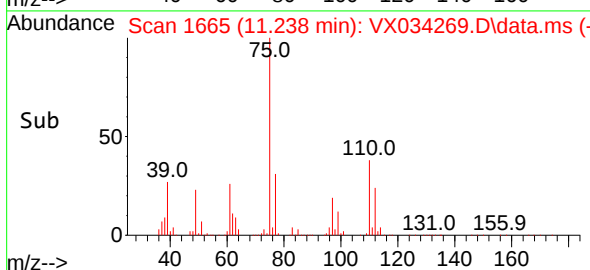
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

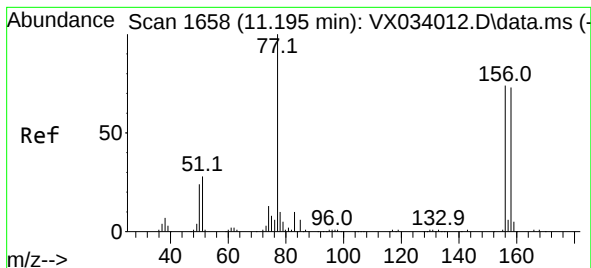


#76
1,2,3-Trichloropropane
Concen: 41.715 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion: 75 Resp: 231398
Ion Ratio Lower Upper
75 100
77 44.1 21.8 65.4





#77

Bromobenzene

Concen: 49.875 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

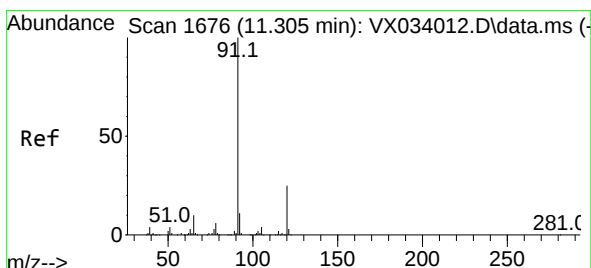
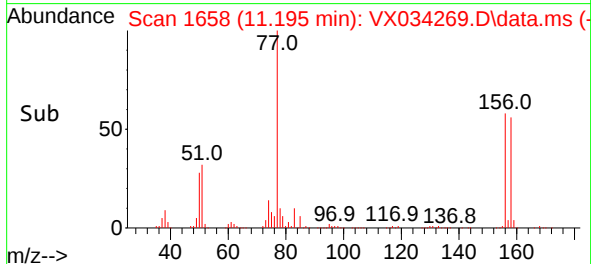
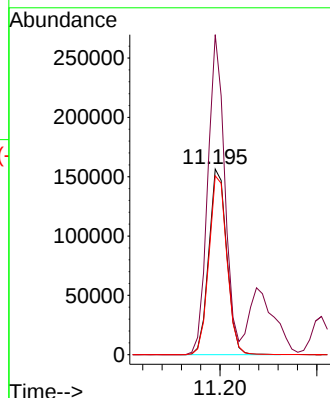
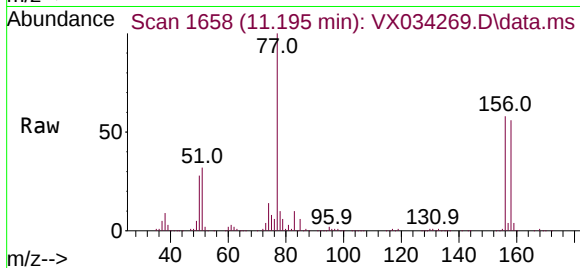
Tgt Ion:	156	Resp:	201652
Ion Ratio	Lower	Upper	
156	100		
77	162.7	68.1	204.3
158	96.6	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#78

n-propylbenzene

Concen: 49.845 ug/l

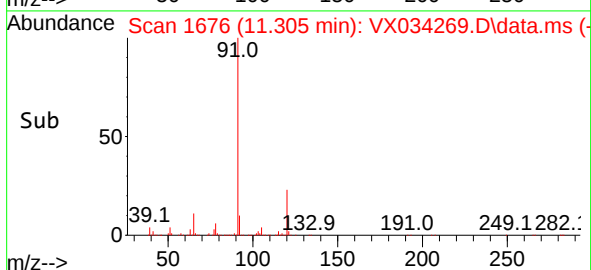
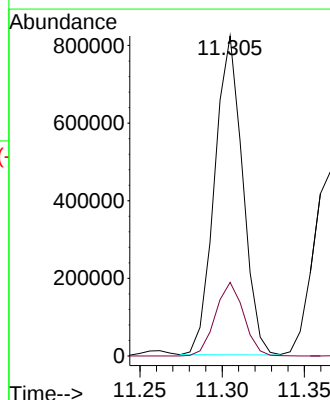
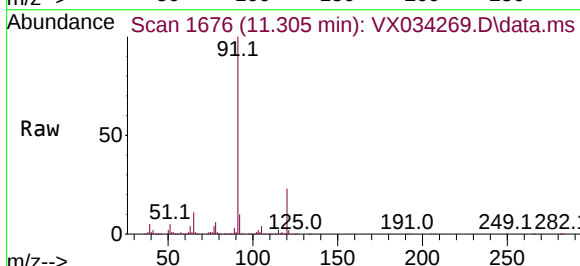
RT: 11.305 min Scan# 1676

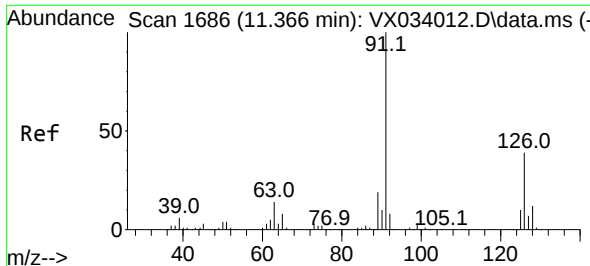
Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

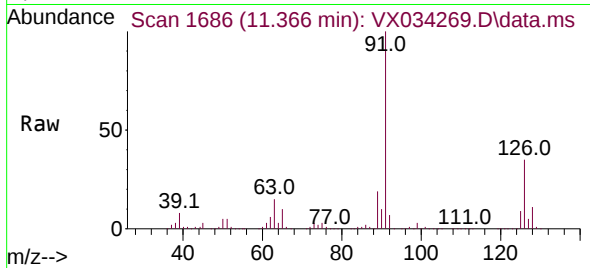
Tgt Ion:	91	Resp:	973975
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.3	36.8





#79
2-Chlorotoluene
Concen: 48.668 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

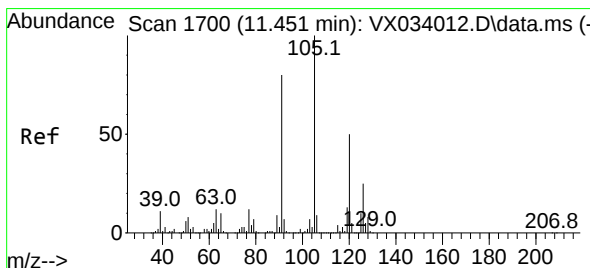
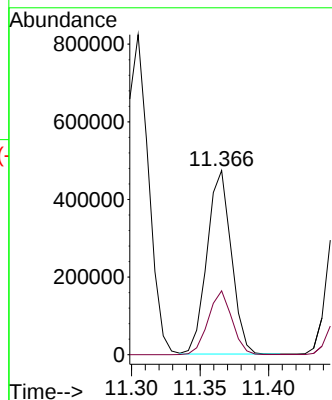
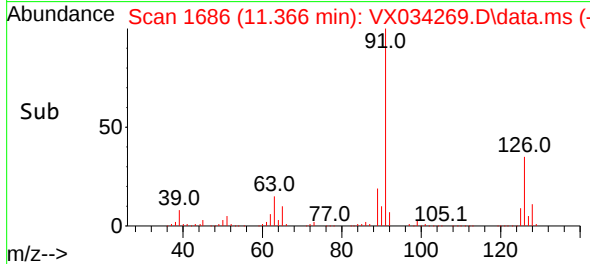
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



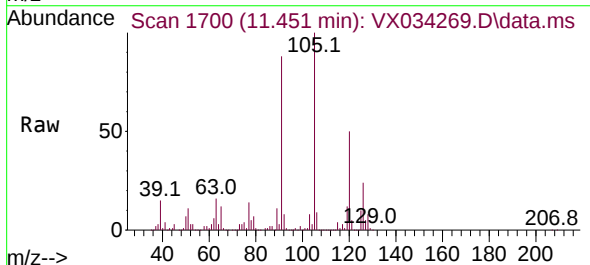
Tgt Ion: 91 Resp: 583118
Ion Ratio Lower Upper
91 100
126 34.1 18.1 54.1

Manual Integrations
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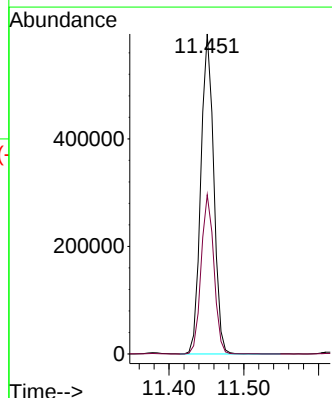
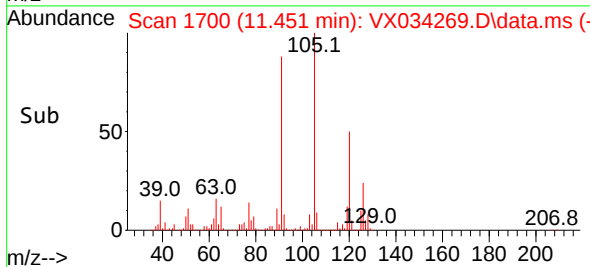
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

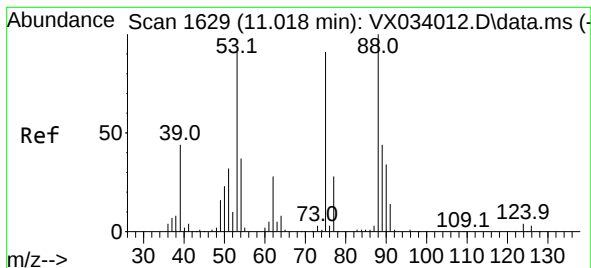


#80
1,3,5-Trimethylbenzene
Concen: 50.283 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion:105 Resp: 710270
Ion Ratio Lower Upper
105 100
120 49.3 25.6 76.8





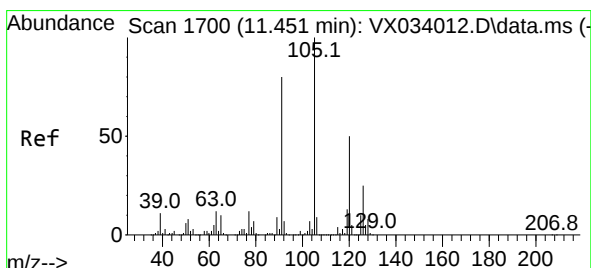
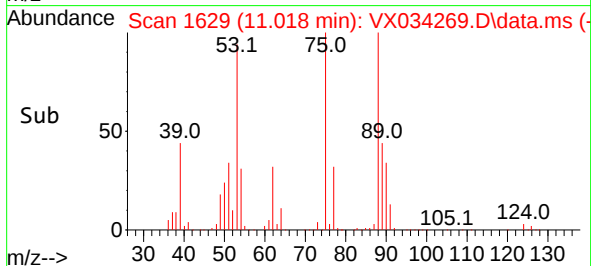
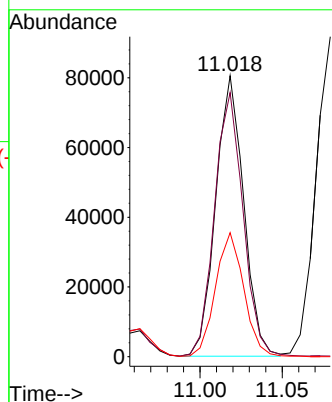
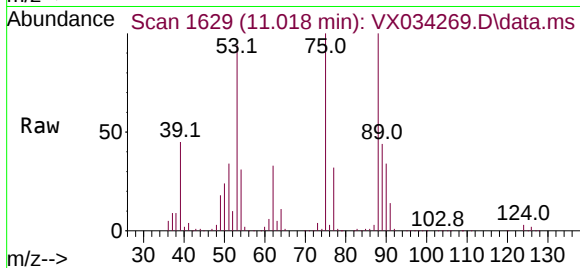
#81
trans-1,4-Dichloro-2-butene
Concen: 44.089 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 9520
Ion Ratio Lower Upper
75 100
53 96.2 83.0 124.6
89 44.9 37.7 56.5

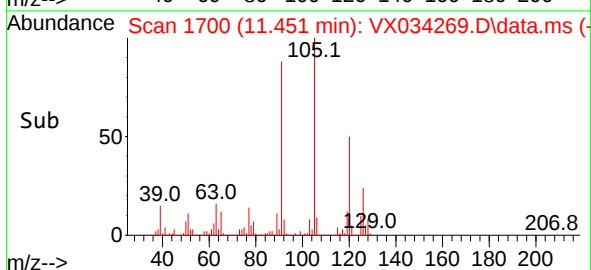
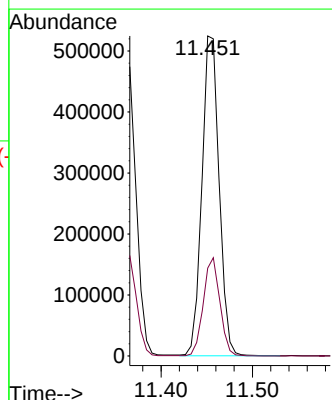
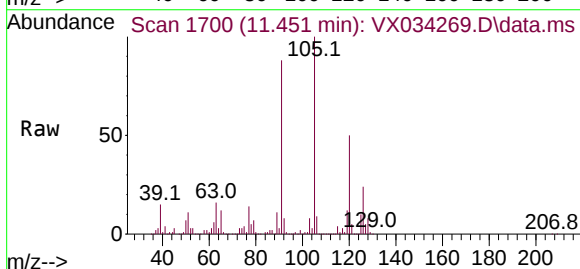
Manual Integrations
APPROVED

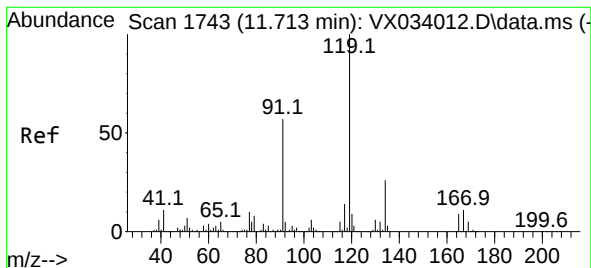
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#82
4-Chlorotoluene
Concen: 50.397 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion: 91 Resp: 687741
Ion Ratio Lower Upper
91 100
126 29.6 15.8 47.4





#83

tert-Butylbenzene

Concen: 50.243 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

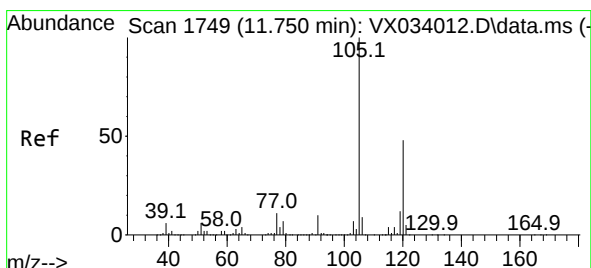
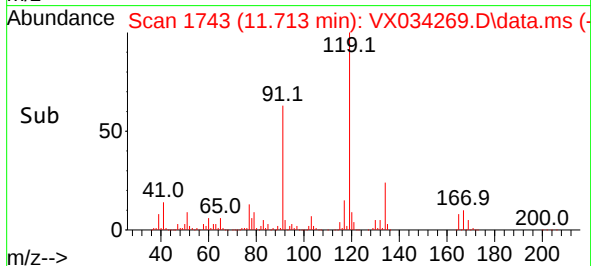
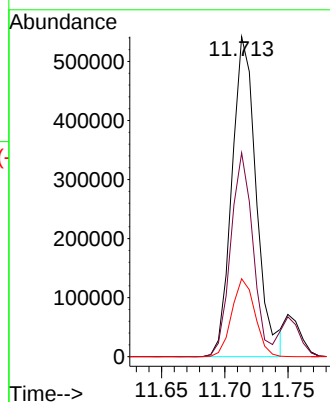
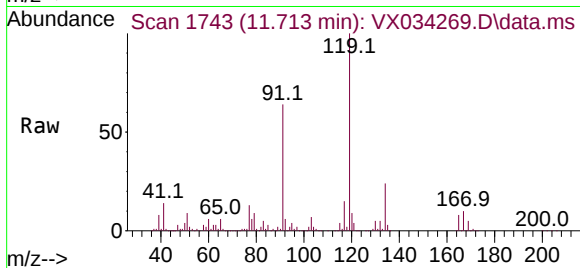
Tgt Ion:	119	Resp:	726864
Ion	Ratio	Lower	Upper
119	100		
91	58.3	26.9	80.7
134	23.1	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.004 ug/l

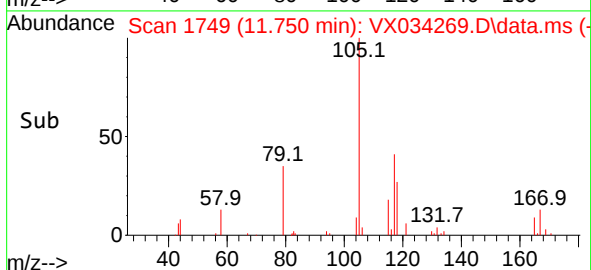
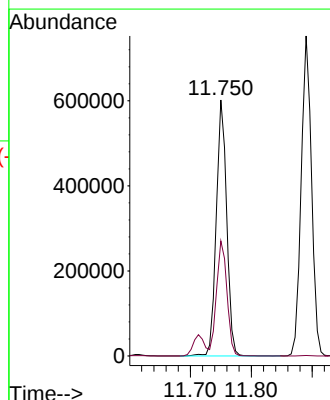
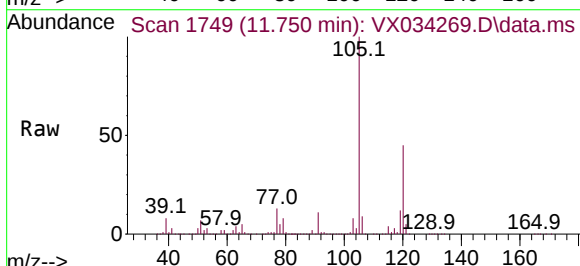
RT: 11.750 min Scan# 1749

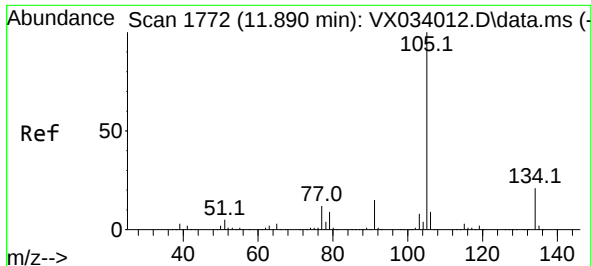
Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

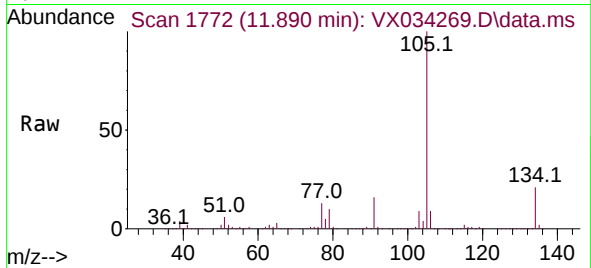
Tgt Ion:	105	Resp:	714174
Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 50.521 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034269.D
 Acq: 24 Feb 2023 17:24

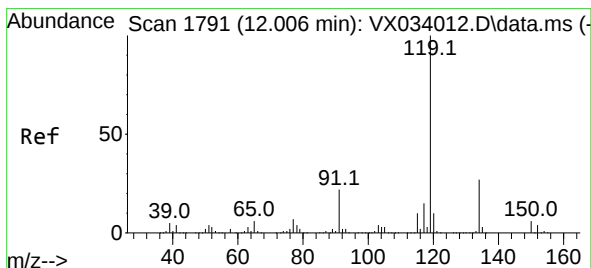
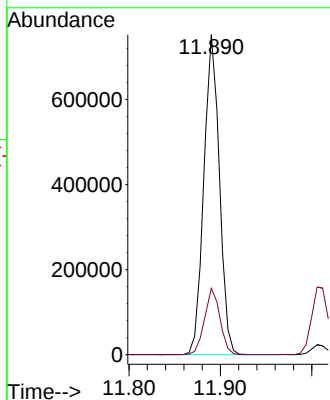
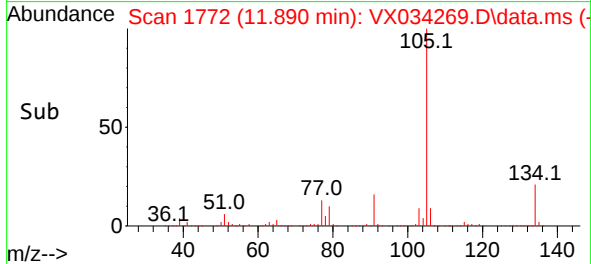
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 88757
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3

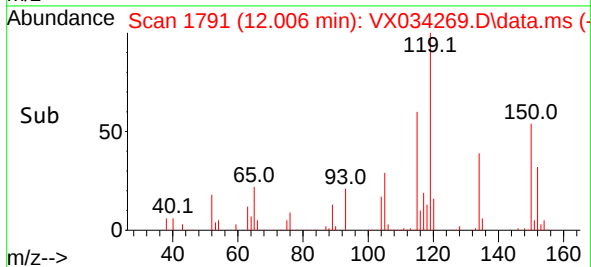
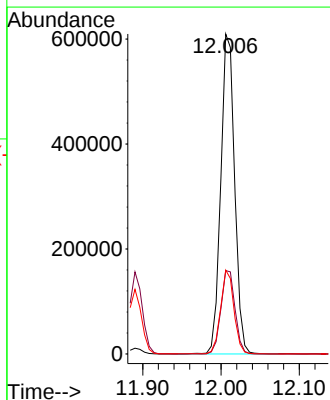
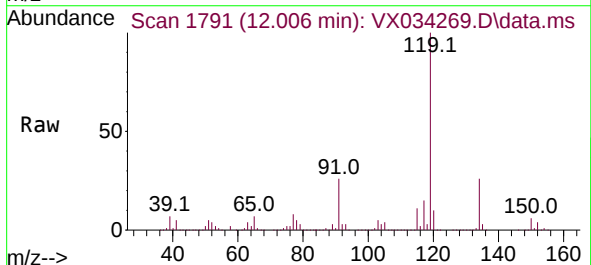
Manual Integrations
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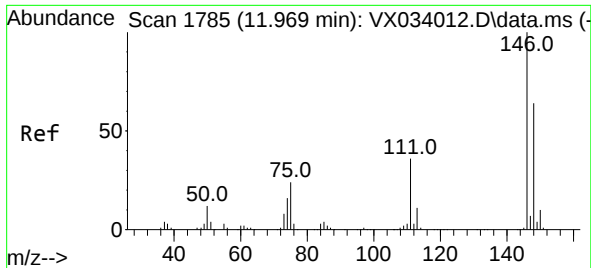
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#86
 p-Isopropyltoluene
 Concen: 51.787 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034269.D
 Acq: 24 Feb 2023 17:24

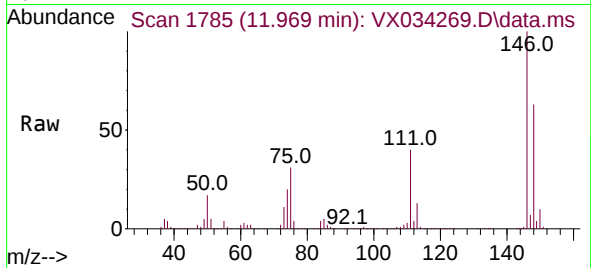
Tgt Ion:119 Resp: 752960
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 25.2 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 51.161 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

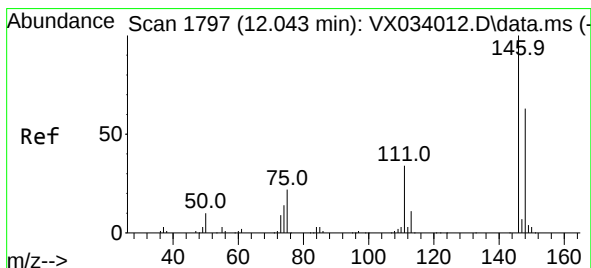
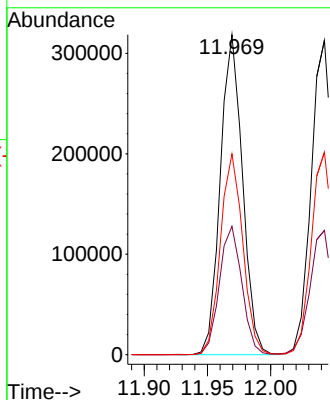
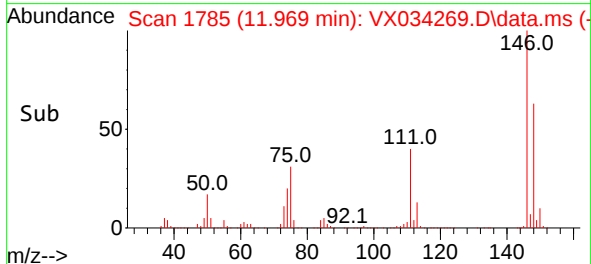
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



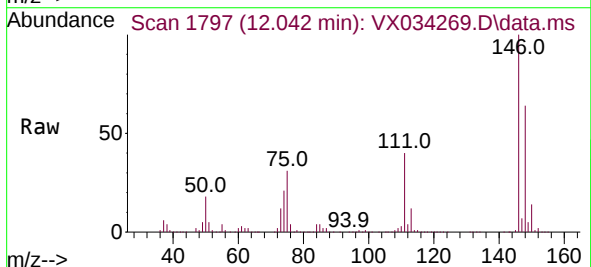
Tgt Ion:146 Resp: 387934
Ion Ratio Lower Upper
146 100
111 40.8 18.6 55.6
148 63.4 31.9 95.5

Manual Integrations
APPROVED

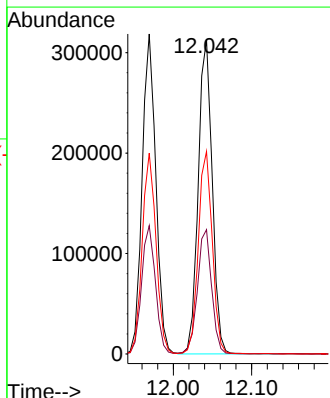
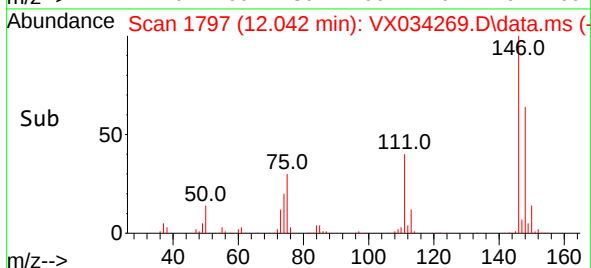
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

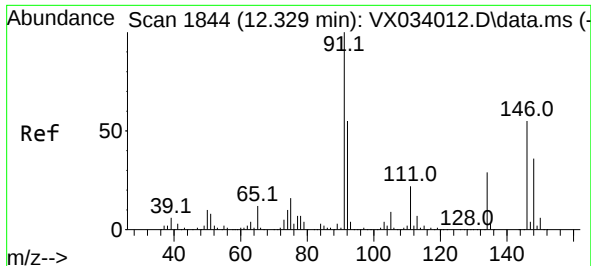


#88
1,4-Dichlorobenzene
Concen: 50.800 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion:146 Resp: 388527
Ion Ratio Lower Upper
146 100
111 40.1 17.8 53.4
148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 51.028 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 66081

Ion Ratio Lower Upper

91 100

92 55.1 27.5 82.5

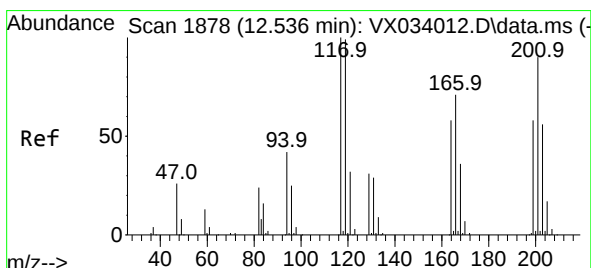
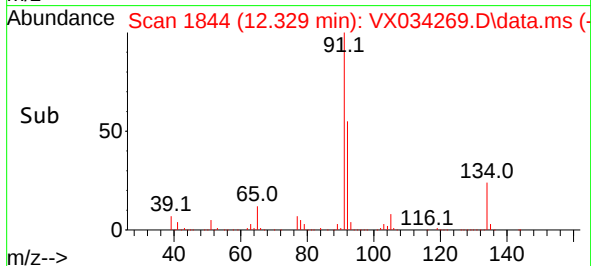
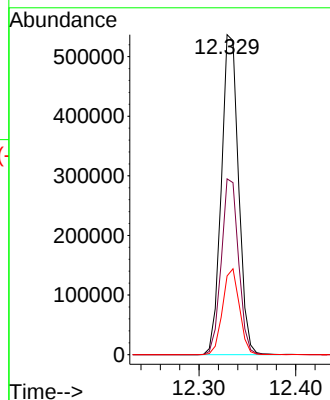
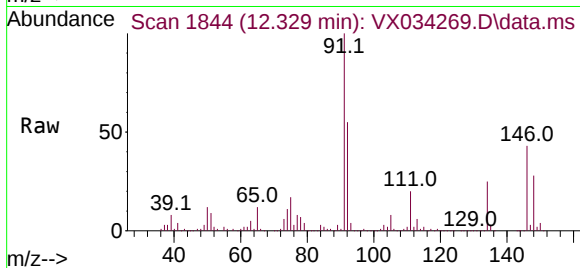
134 26.3 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#90

Hexachloroethane

Concen: 46.997 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034269.D

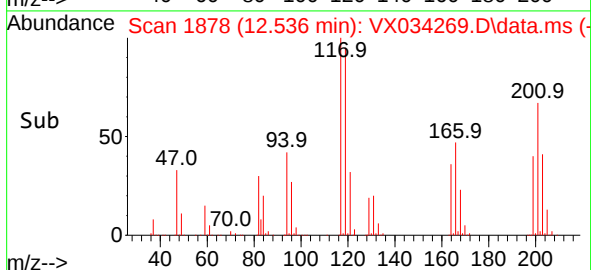
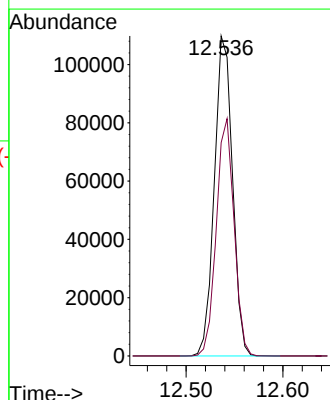
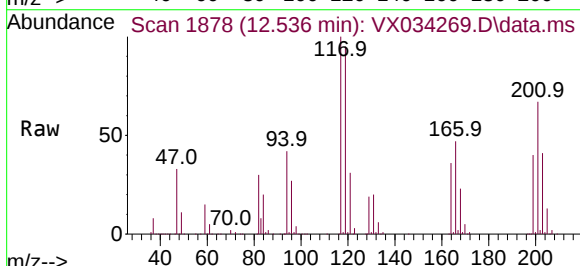
Acq: 24 Feb 2023 17:24

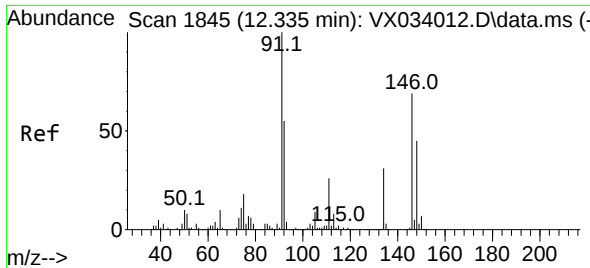
Tgt Ion:117 Resp: 142869

Ion Ratio Lower Upper

117 100

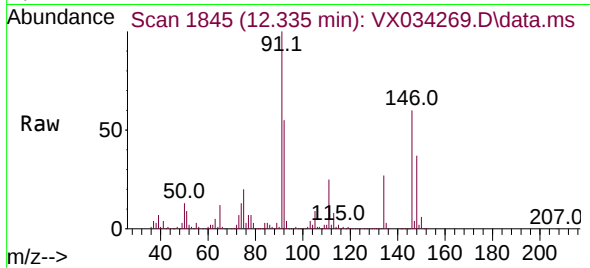
201 72.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 50.942 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

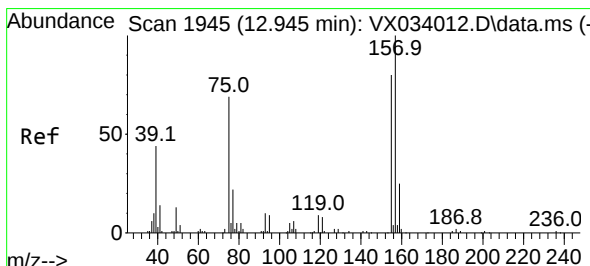
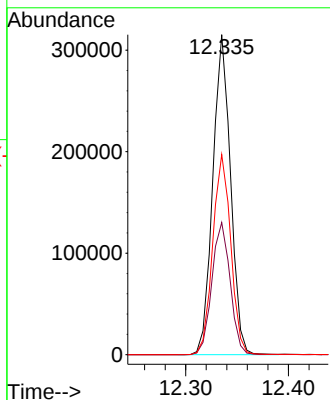
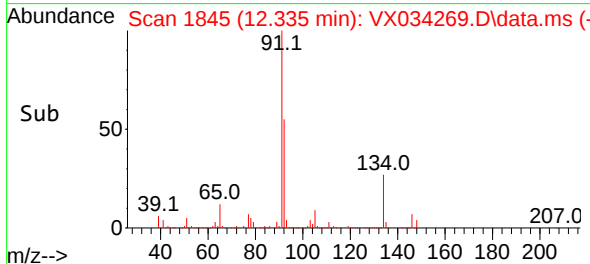
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



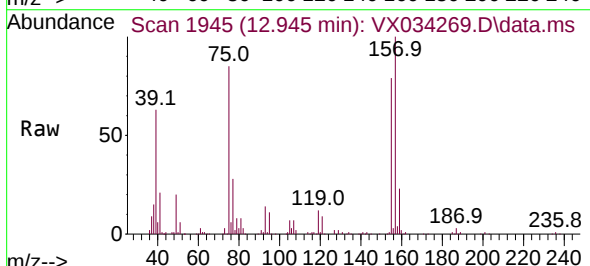
Tgt Ion:146 Resp: 377934
Ion Ratio Lower Upper
146 100
111 42.6 19.3 57.8
148 63.7 32.3 96.9

Manual Integrations
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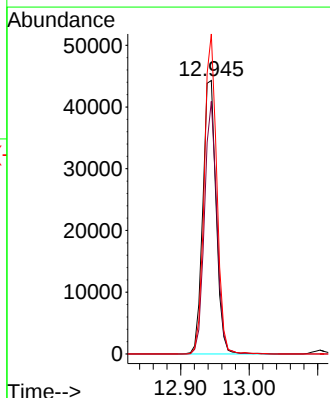
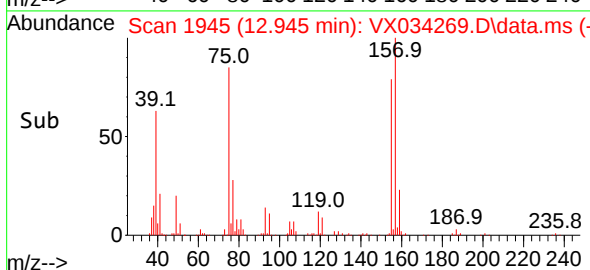
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

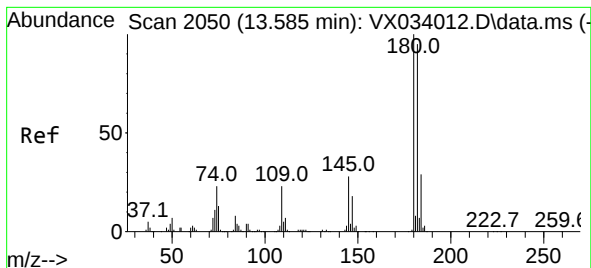


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.549 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24



Tgt Ion: 75 Resp: 59676
Ion Ratio Lower Upper
75 100
155 86.3 51.7 155.1
157 110.0 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 48.235 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

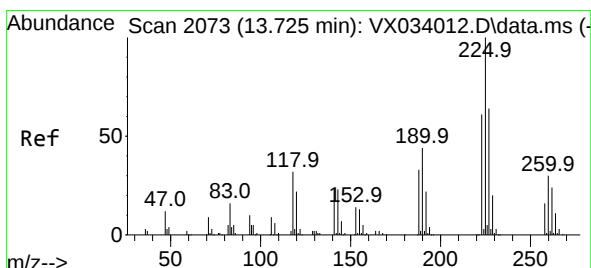
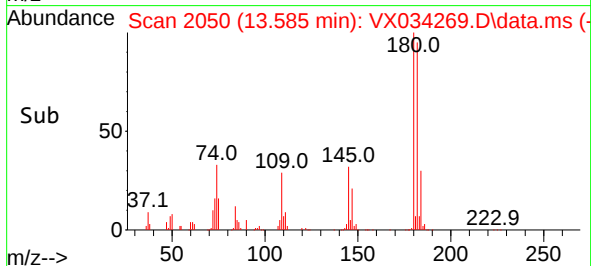
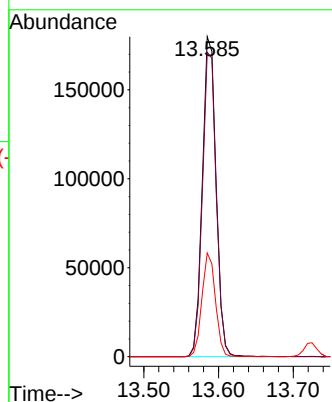
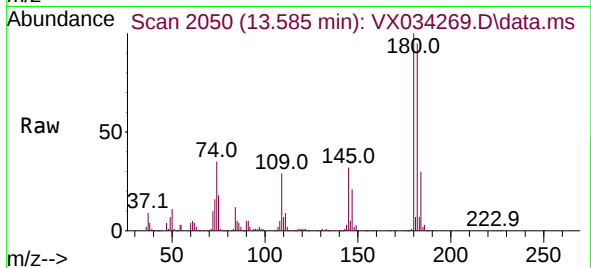
Tgt Ion:180	Resp:	22974
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.9 143.6
145	31.8	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#94

Hexachlorobutadiene

Concen: 47.989 ug/l

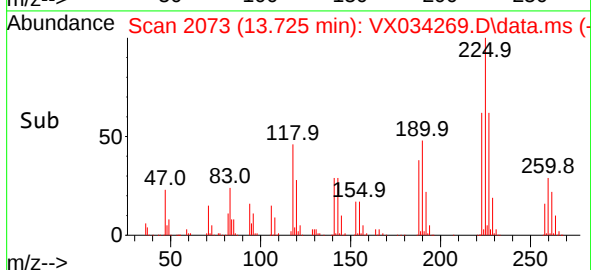
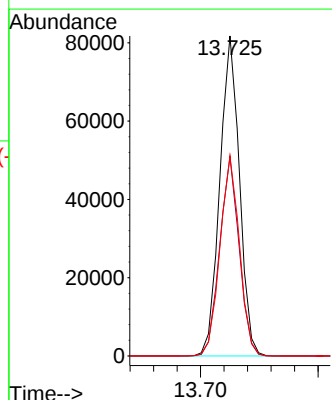
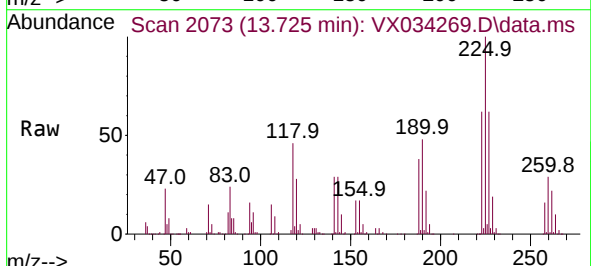
RT: 13.725 min Scan# 2073

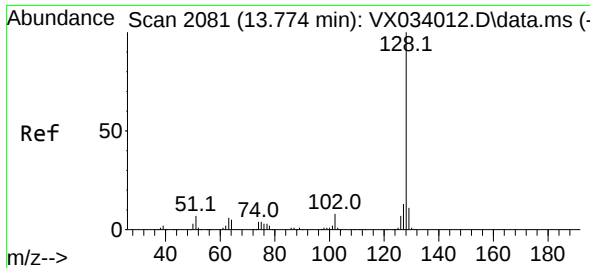
Delta R.T. 0.000 min

Lab File: VX034269.D

Acq: 24 Feb 2023 17:24

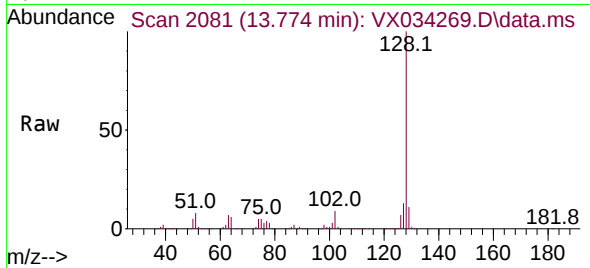
Tgt Ion:225	Resp:	94756
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.3 93.9
227	62.3	32.3 96.9





#95
Naphthalene
Concen: 48.502 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

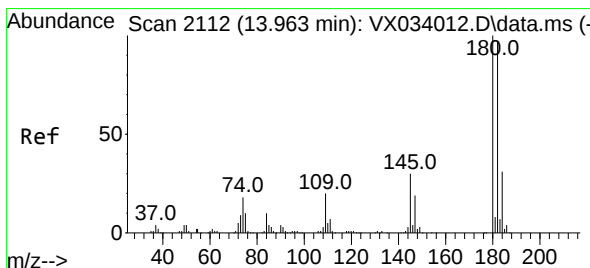
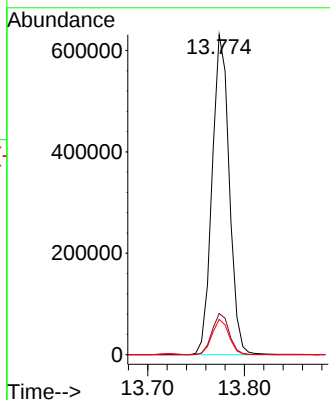
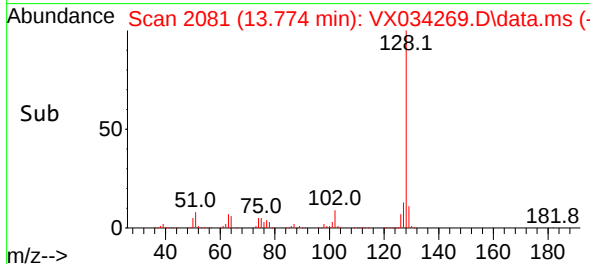
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 77823
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.109 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034269.D
Acq: 24 Feb 2023 17:24

Tgt Ion:180 Resp: 232222
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 32.7 15.1 45.3

