

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034195.D
 Acq On : 20 Feb 2023 18:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:11:27 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	362608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	606752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230452	47.190	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.380%			
35) Dibromofluoromethane	5.385	113	198998	50.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	750306	52.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.800%			
62) 4-Bromofluorobenzene	11.079	95	291403	53.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	153860	49.104	ug/l	98
3) Chloromethane	1.295	50	224780	49.851	ug/l	99
4) Vinyl Chloride	1.374	62	233827	56.942	ug/l	100
5) Bromomethane	1.599	94	95063	62.750	ug/l	97
6) Chloroethane	1.685	64	129657	62.806	ug/l	99
7) Trichlorofluoromethane	1.886	101	315892	56.861	ug/l	97
8) Diethyl Ether	2.130	74	124941	55.822	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	175505	44.858	ug/l	95
10) Methyl Iodide	2.453	142	225736	47.387	ug/l	94
11) Tert butyl alcohol	2.953	59	238636	218.481	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	184330	46.999	ug/l	92
13) Acrolein	2.233	56	85743	171.970	ug/l	99
14) Allyl chloride	2.666	41	356525	42.854	ug/l	88
15) Acrylonitrile	3.056	53	586834	246.282	ug/l	99
16) Acetone	2.374	43	461387	183.153	ug/l	91
17) Carbon Disulfide	2.514	76	512103	45.415	ug/l	99
18) Methyl Acetate	2.697	43	382604	49.084	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	657784	47.520	ug/l	98
20) Methylene Chloride	2.788	84	207832	45.788	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	198675	48.343	ug/l	98
22) Diisopropyl ether	3.758	45	749495	51.387	ug/l	95
23) Vinyl Acetate	3.721	43	2929424	250.688	ug/l	100
24) 1,1-Dichloroethane	3.611	63	378949	47.327	ug/l	100
25) 2-Butanone	4.550	43	823436	225.910	ug/l	98
26) 2,2-Dichloropropane	4.477	77	296050	40.815	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	235888	48.471	ug/l	97
28) Bromochloromethane	4.898	49	178999	50.113	ug/l	87
29) Tetrahydrofuran	5.001	42	556285	250.174	ug/l	97
30) Chloroform	5.093	83	375356	48.820	ug/l	98
31) Cyclohexane	5.471	56	345987	47.454	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	329472	47.803	ug/l	99
36) 1,1-Dichloropropene	5.696	75	280338	47.983	ug/l	98
37) Ethyl Acetate	4.709	43	327536	50.162	ug/l	100
38) Carbon Tetrachloride	5.678	117	284513	47.324	ug/l	98
39) Methylcyclohexane	7.379	83	344562	45.828	ug/l	99
40) Benzene	6.038	78	855442	49.408	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	188066	51.695	ug/l	98
42) 1,2-Dichloroethane	6.086	62	287821	47.266	ug/l	100
43) Isopropyl Acetate	6.336	43	567917	49.288	ug/l	99
44) Trichloroethene	7.123	130	220127	49.543	ug/l	93
45) 1,2-Dichloropropane	7.428	63	227838	49.432	ug/l	97
46) Dibromomethane	7.580	93	148331	48.900	ug/l	88
47) Bromodichloromethane	7.818	83	301060	48.362	ug/l	99
48) Methyl methacrylate	7.690	41	268050	49.013	ug/l	98
49) 1,4-Dioxane	7.659	88	101450	930.020	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	1680461	265.083	ug/l	99
52) Toluene	8.720	92	539862	51.459	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	350049	48.852	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	365798	47.686	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	217128	51.275	ug/l	98
56) Ethyl methacrylate	9.116	69	367896	51.356	ug/l	97
57) 1,3-Dichloropropane	9.305	76	376489	51.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	814686	262.532	ug/l	94
59) 2-Hexanone	9.427	43	1269007	262.665	ug/l	98
60) Dibromochloromethane	9.519	129	239176	51.117	ug/l	99
61) 1,2-Dibromoethane	9.610	107	229330	51.207	ug/l	98
64) Tetrachloroethene	9.275	164	180799	46.654	ug/l	94
65) Chlorobenzene	10.080	112	566588	49.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	215754	48.693	ug/l	98
67) Ethyl Benzene	10.195	91	1024994	49.847	ug/l	99
68) m/p-Xylenes	10.299	106	788279	100.174	ug/l	95
69) o-Xylene	10.640	106	394172	50.315	ug/l	95
70) Styrene	10.653	104	651499	51.134	ug/l	96
71) Bromoform	10.799	173	181056	50.060	ug/l	99
73) Isopropylbenzene	10.964	105	1016294	49.315	ug/l	99
74) N-amyl acetate	10.842	43	525343	50.742	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	347860	49.352	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	330375m	48.556	ug/l	
77) Bromobenzene	11.195	156	243871	49.175	ug/l	84
78) n-propylbenzene	11.305	91	1194994	49.859	ug/l	97
79) 2-Chlorotoluene	11.366	91	719872	48.983	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	851515	49.146	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	119407	45.083	ug/l	91
82) 4-Chlorotoluene	11.457	91	824350	49.248	ug/l	96
83) tert-Butylbenzene	11.713	119	874271	49.268	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	855881	48.856	ug/l	97
85) sec-Butylbenzene	11.890	105	1062370	49.300	ug/l	98
86) p-Isopropyltoluene	12.006	119	875074	49.067	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	456231	49.053	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	456876	48.701	ug/l	97
89) n-Butylbenzene	12.329	91	780476	49.135	ug/l	98
90) Hexachloroethane	12.536	117	179436	48.121	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	446178	49.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	78840	46.906	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	283888	48.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	112080	46.277	ug/l	99
95) Naphthalene	13.774	128	971870	49.381	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280564	48.372	ug/l	98

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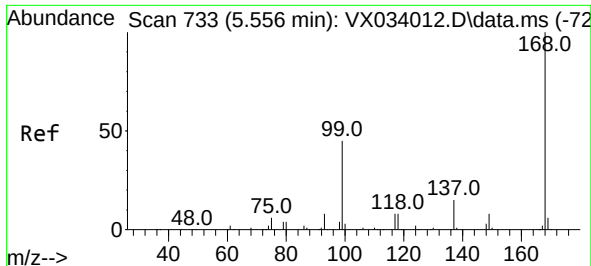
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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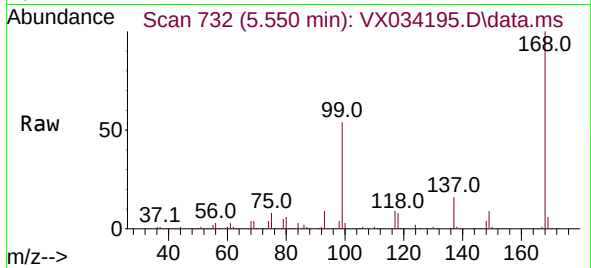
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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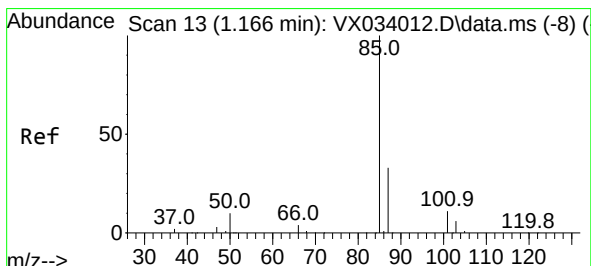
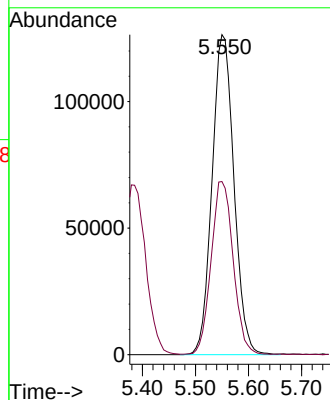
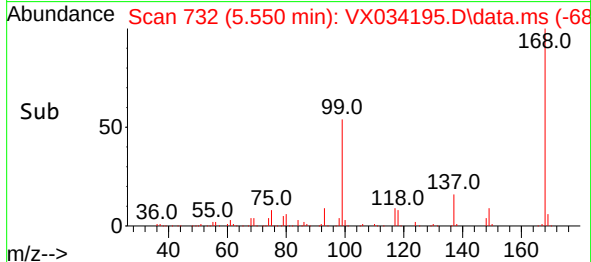
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 362608
Ion Ratio Lower Upper
168 100
99 54.0 39.6 59.4

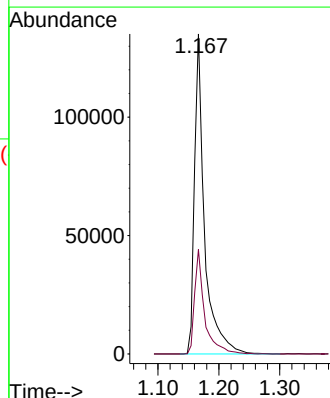
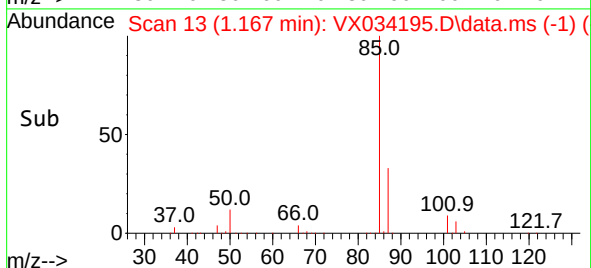
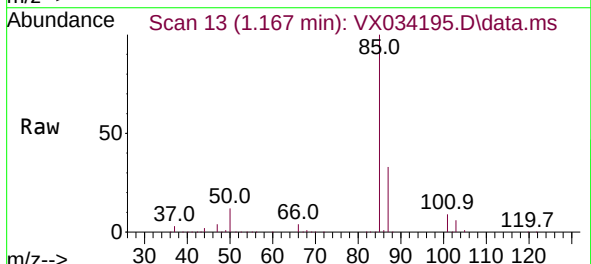
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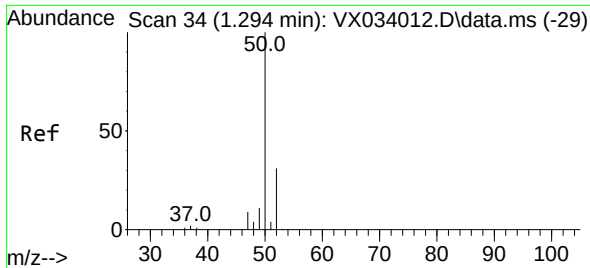
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#2
Dichlorodifluoromethane
Concen: 49.104 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

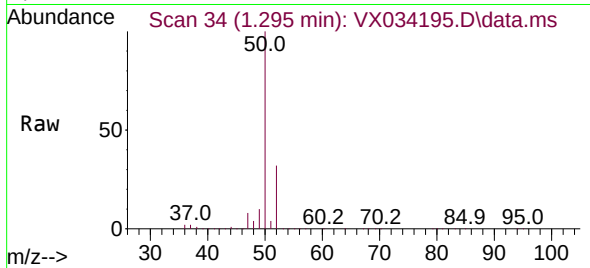
Tgt Ion: 85 Resp: 153860
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 49.851 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

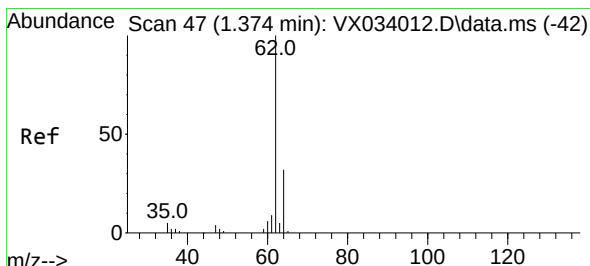
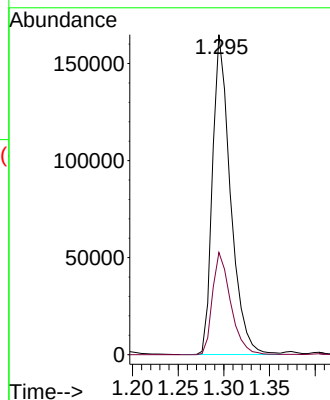
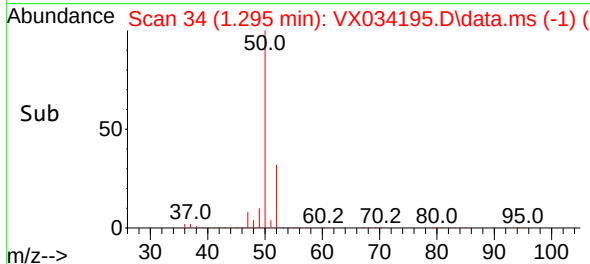
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Tgt Ion: 50 Resp: 224780
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8

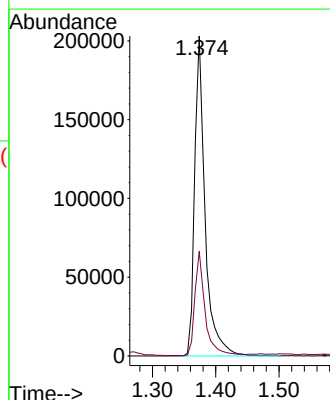
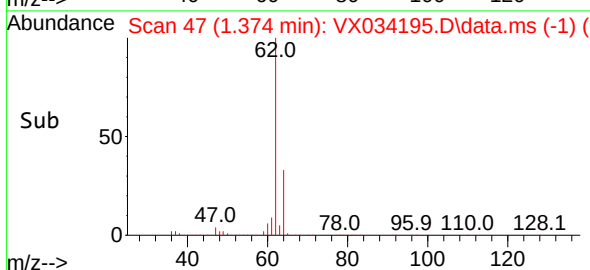
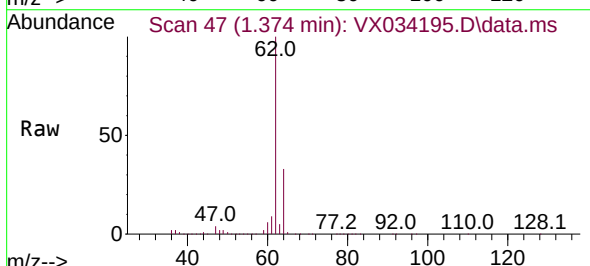
Manual Integrations
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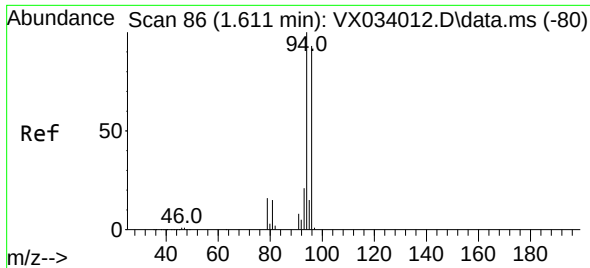
Reviewed By :John Carlone 02/21/2023
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#4
Vinyl Chloride
Concen: 56.942 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 62 Resp: 233827
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4





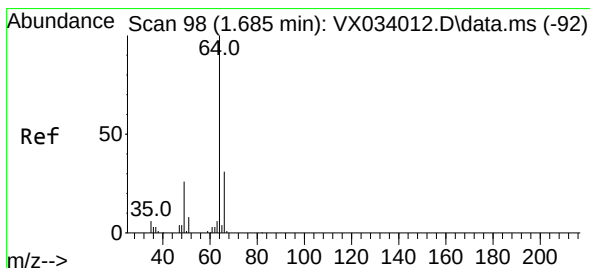
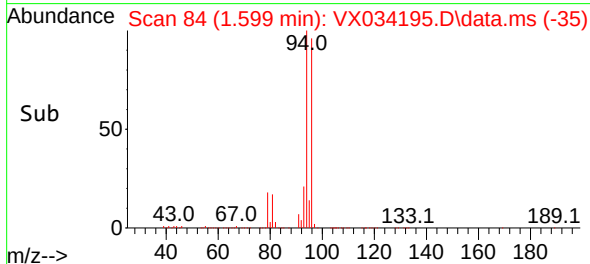
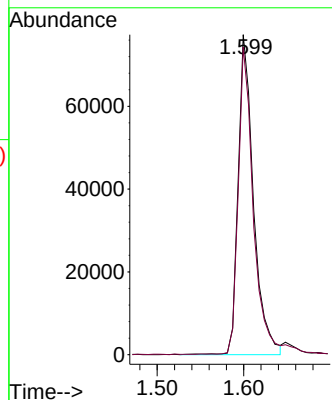
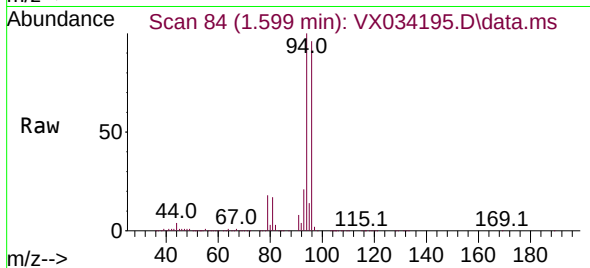
#5
Bromomethane
Concen: 62.750 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 95063
Ion Ratio Lower Upper
94 100
96 96.1 74.3 111.5

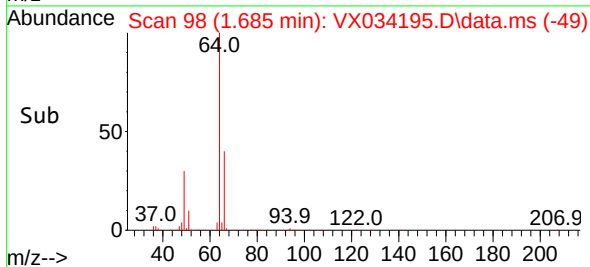
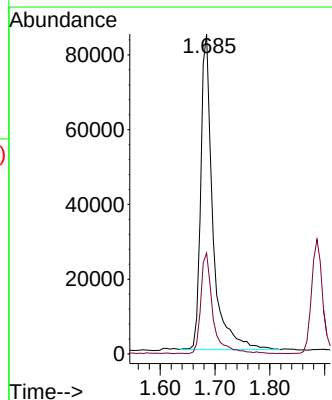
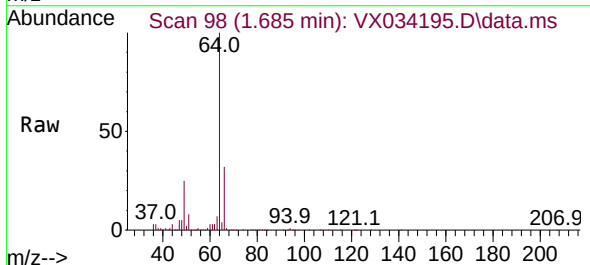
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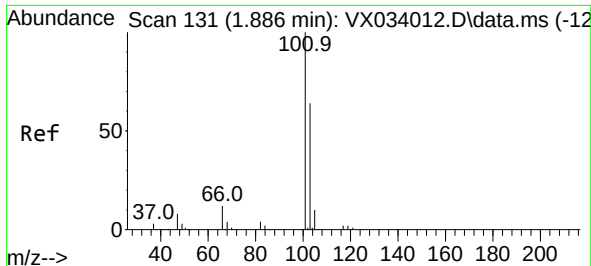
Reviewed By :John Carlone 02/21/2023
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#6
Chloroethane
Concen: 62.806 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 64 Resp: 129657
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1





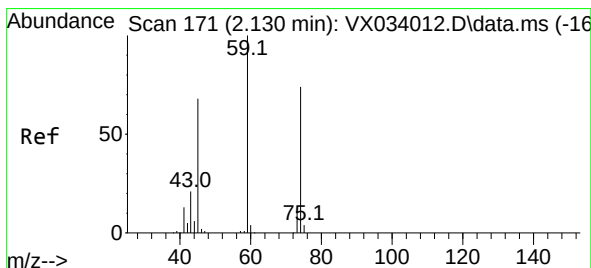
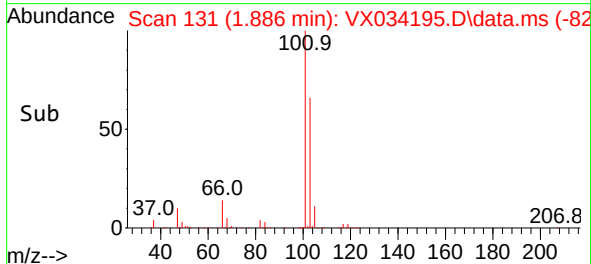
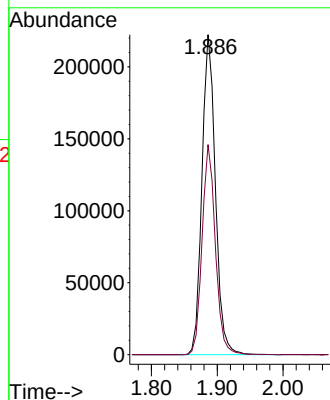
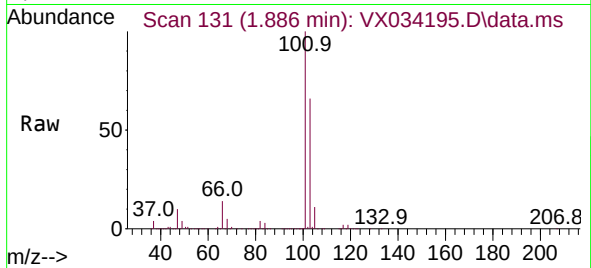
#7
Trichlorofluoromethane
Concen: 56.861 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 315892
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

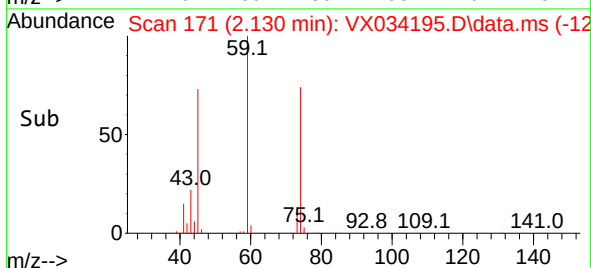
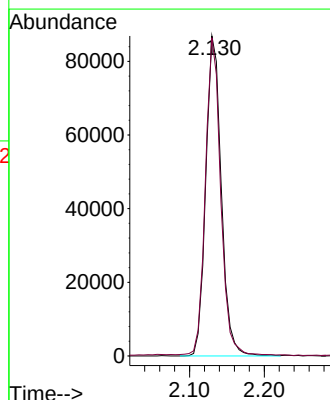
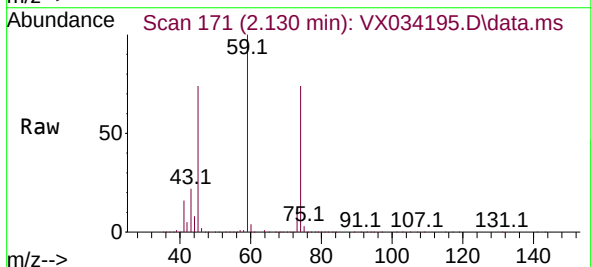
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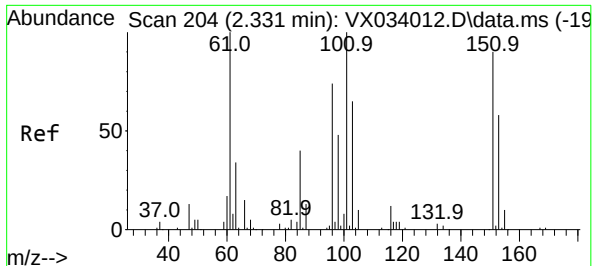
Reviewed By :John Carlone 02/21/2023
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#8
Diethyl Ether
Concen: 55.822 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034195.D
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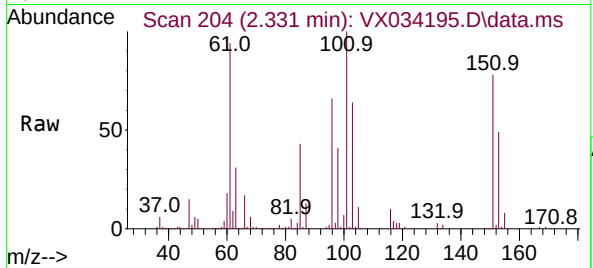
Tgt Ion: 74 Resp: 124941
Ion Ratio Lower Upper
74 100
45 98.1 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.858 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034195.D
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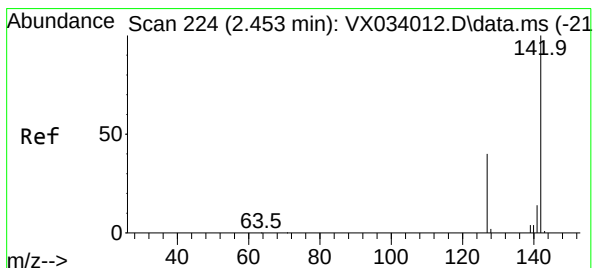
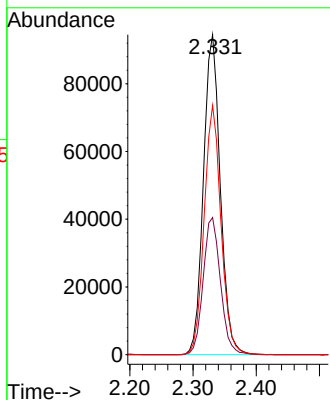
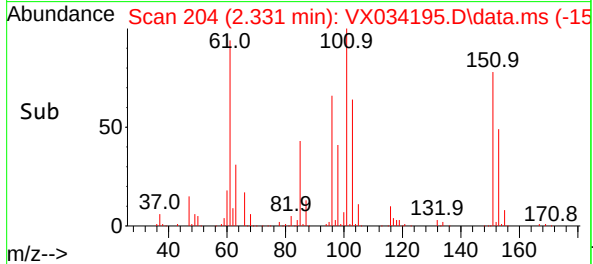
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MSVOA_X
ClientSampleId :
VSTDCCC050EC



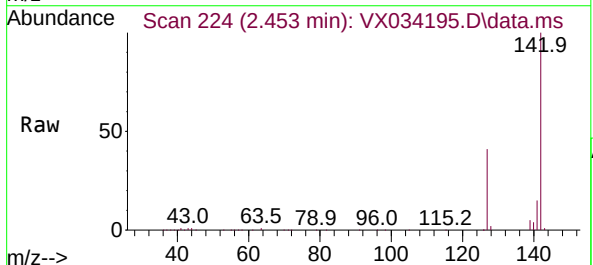
Tgt Ion:101 Resp: 17550
Ion Ratio Lower Upper
101 100
85 44.0 36.7 55.1
151 77.9 66.5 99.7

Manual Integrations
APPROVED

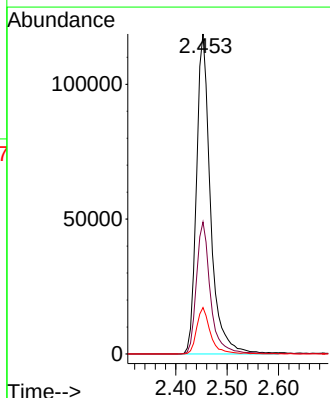
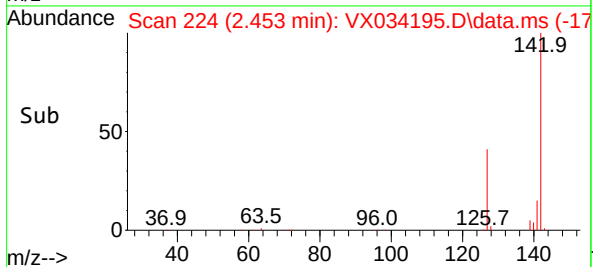
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

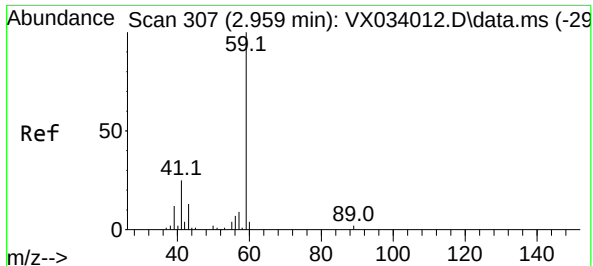


#10
Methyl Iodide
Concen: 47.387 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion:142 Resp: 225736
Ion Ratio Lower Upper
142 100
127 41.2 37.3 55.9
141 14.2 11.5 17.3





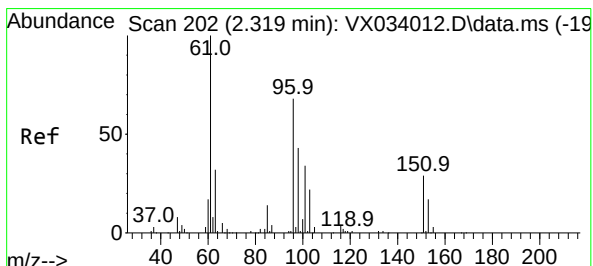
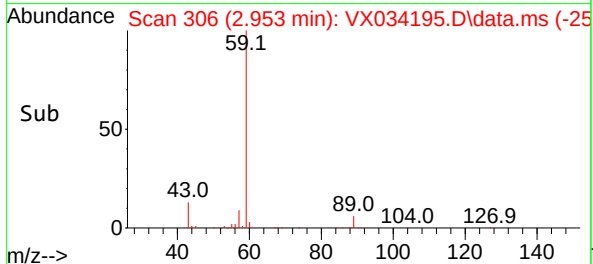
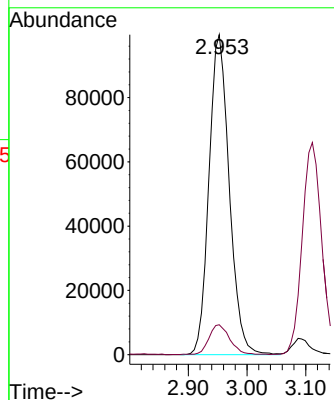
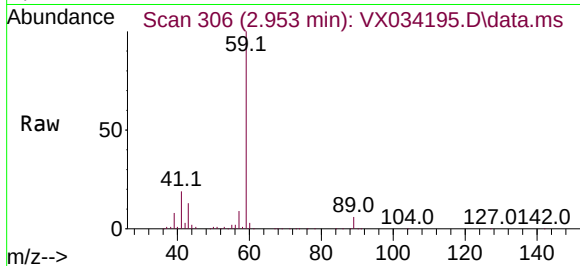
#11
Tert butyl alcohol
Concen: 218.481 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 238630
Ion Ratio Lower Upper
59 100
57 9.8 3.7 5.5

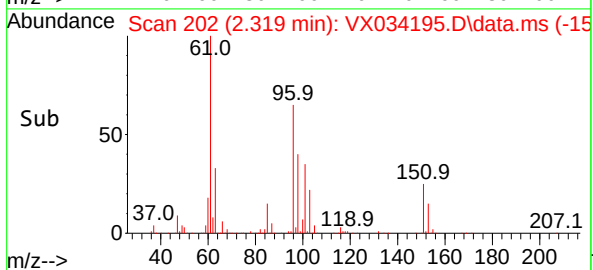
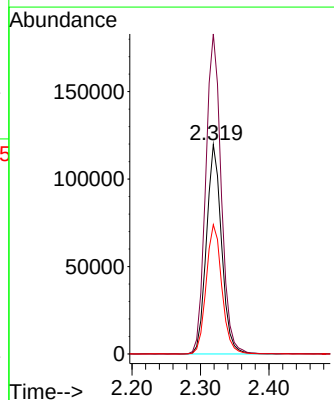
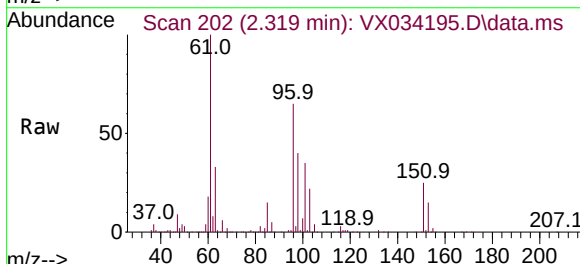
Manual Integrations
APPROVED

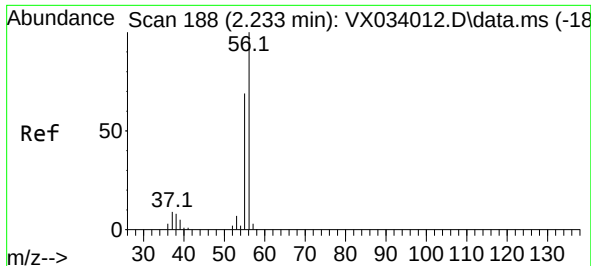
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#12
1,1-Dichloroethene
Concen: 46.999 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

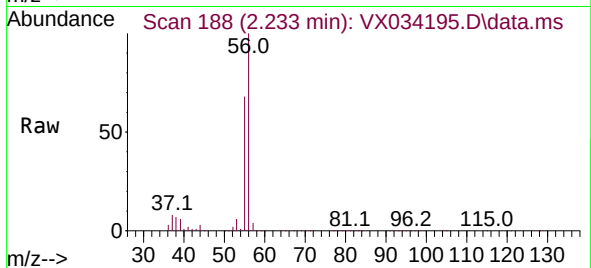
Tgt Ion: 96 Resp: 184330
Ion Ratio Lower Upper
96 100
61 152.8 134.2 201.4
98 61.7 50.2 75.2





#13
Acrolein
Concen: 171.970 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

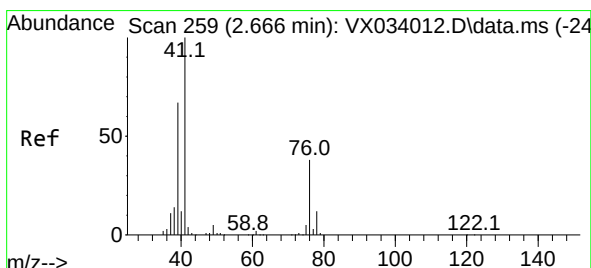
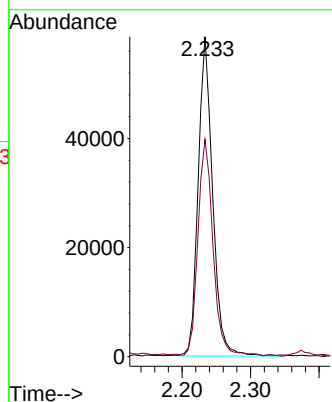
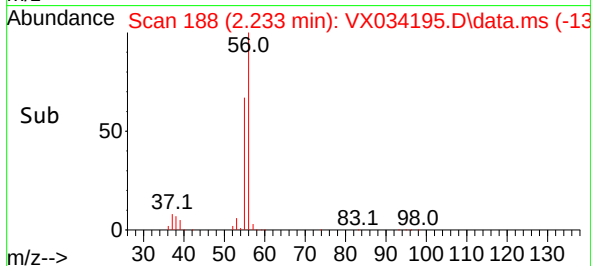
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8574
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

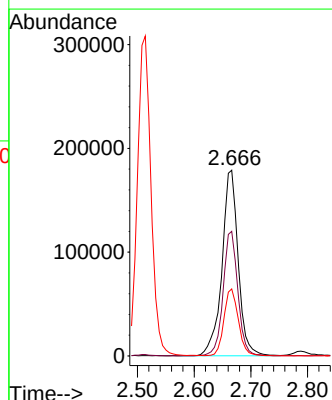
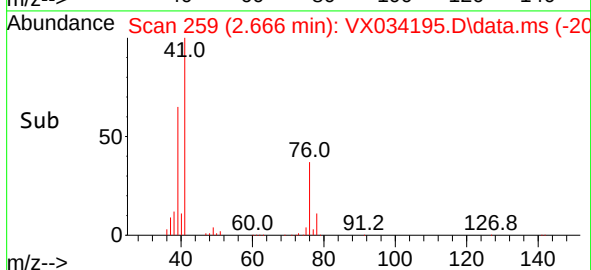
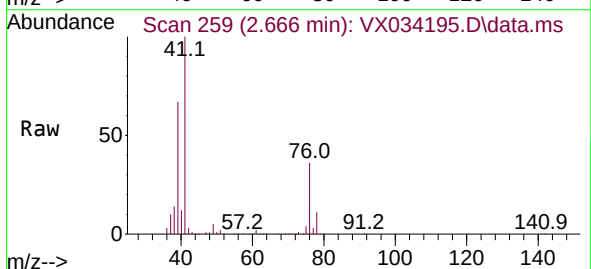
Manual Integrations
APPROVED

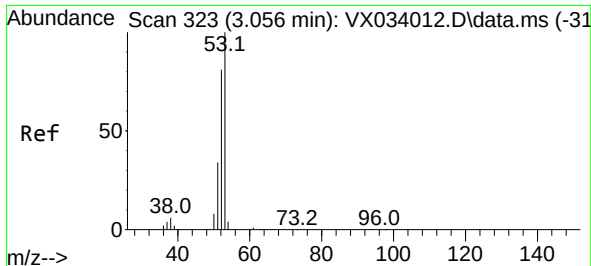
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#14
Allyl chloride
Concen: 42.854 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

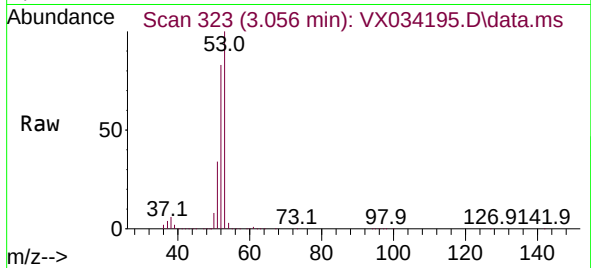
Tgt Ion: 41 Resp: 356525
Ion Ratio Lower Upper
41 100
39 60.7 59.0 88.4
76 31.9 24.6 37.0





#15
Acrylonitrile
Concen: 246.282 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

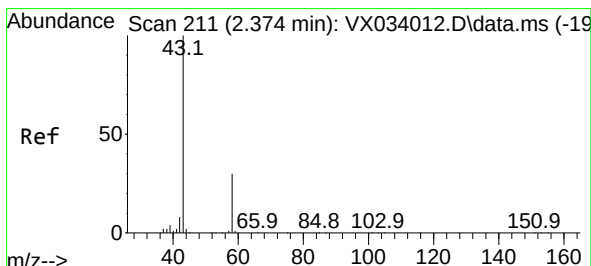
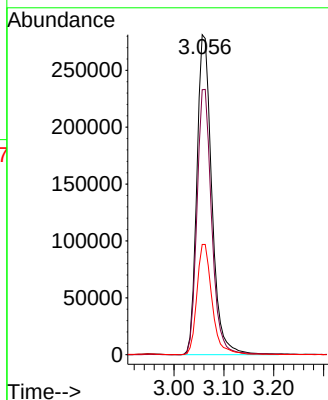
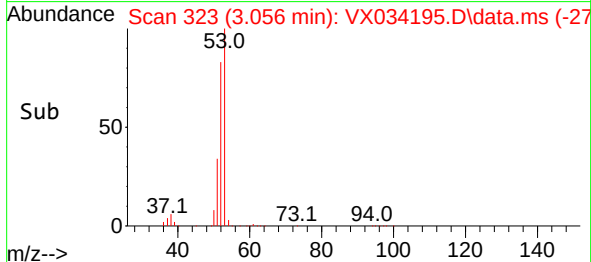
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



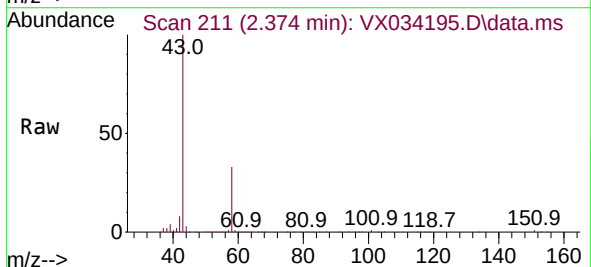
Tgt Ion: 53 Resp: 586834
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.1 29.0 43.4

Manual Integrations
APPROVED

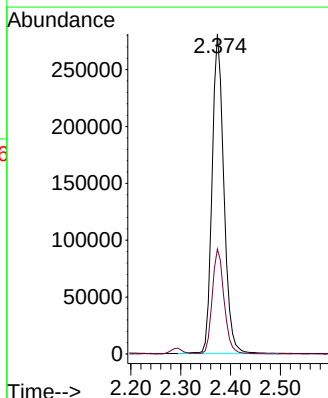
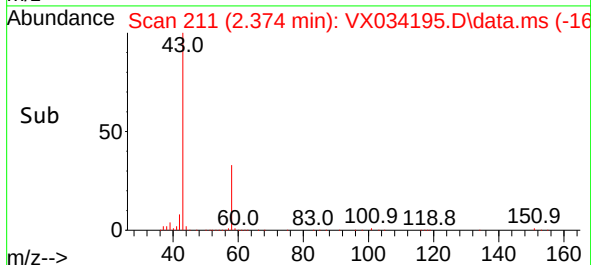
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

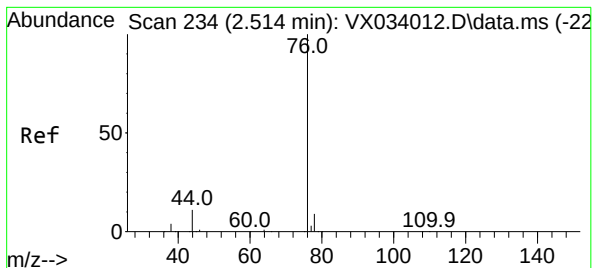


#16
Acetone
Concen: 183.153 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion: 43 Resp: 461387
Ion Ratio Lower Upper
43 100
58 32.8 22.6 33.8





#17

Carbon Disulfide

Concen: 45.415 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 51210

Ion Ratio Lower Upper

76 100

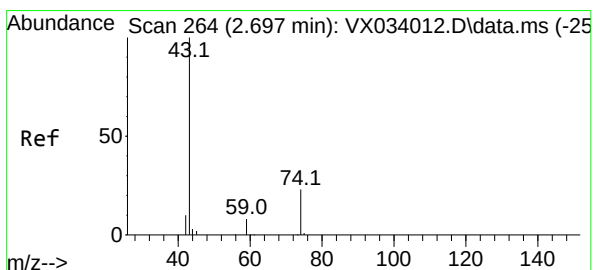
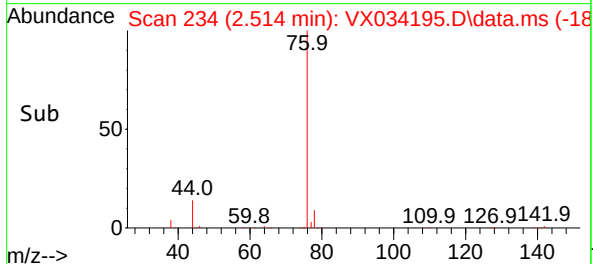
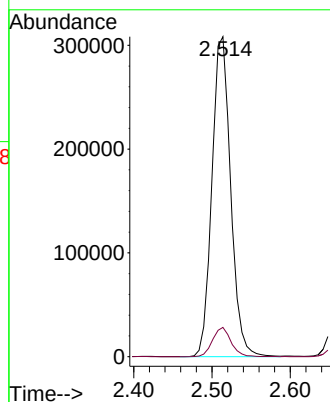
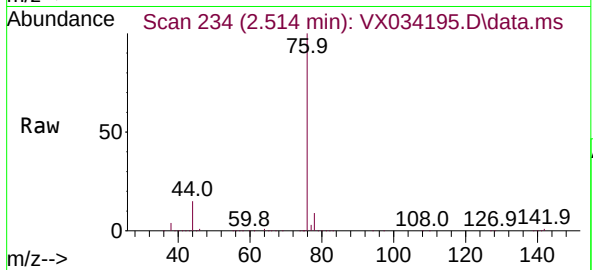
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#18

Methyl Acetate

Concen: 49.084 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX034195.D

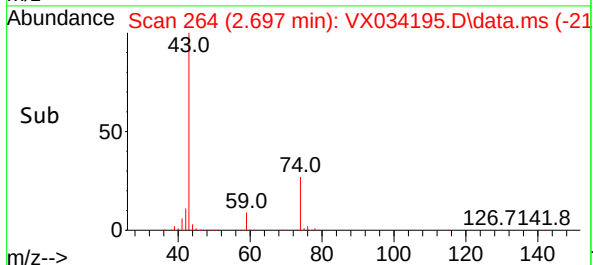
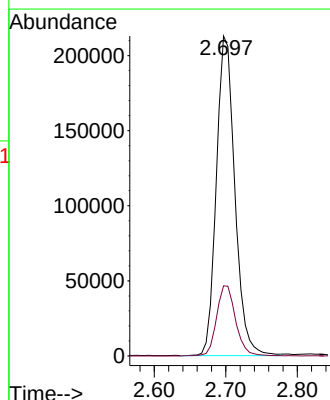
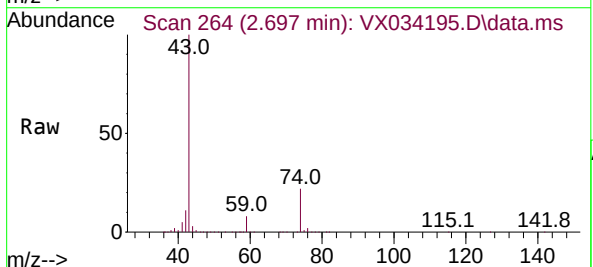
Acq: 20 Feb 2023 18:06

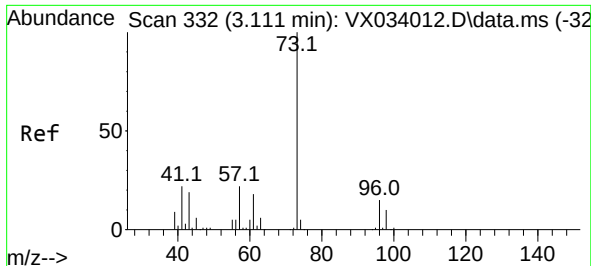
Tgt Ion: 43 Resp: 382604

Ion Ratio Lower Upper

43 100

74 22.6 18.2 27.4





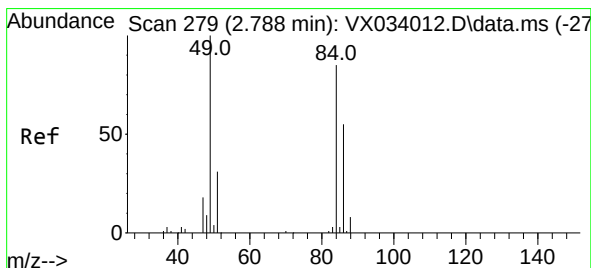
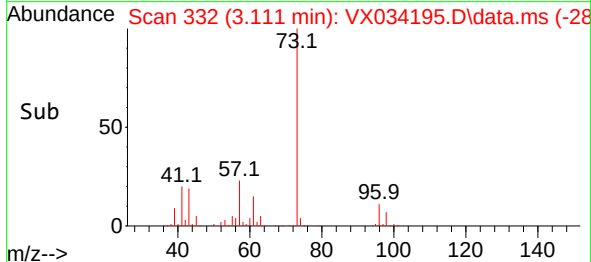
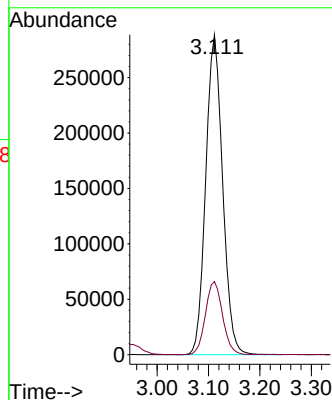
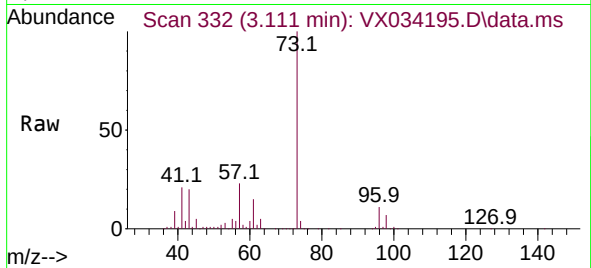
#19
Methyl tert-butyl Ether
Concen: 47.520 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 657784
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

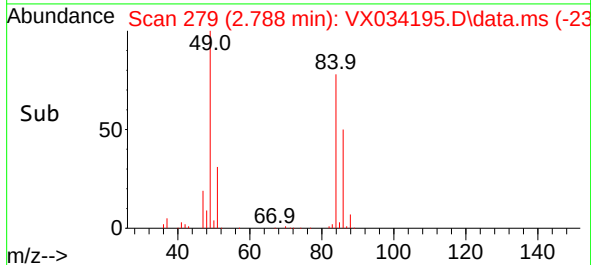
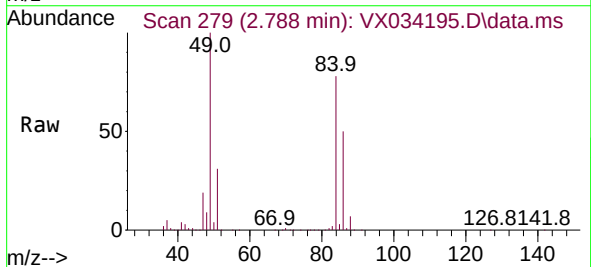
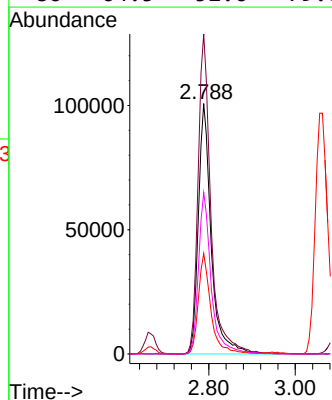
Manual Integrations
APPROVED

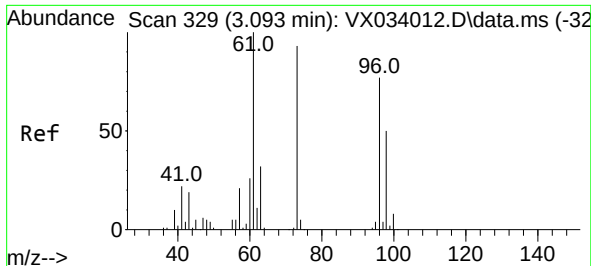
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#20
Methylene Chloride
Concen: 45.788 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

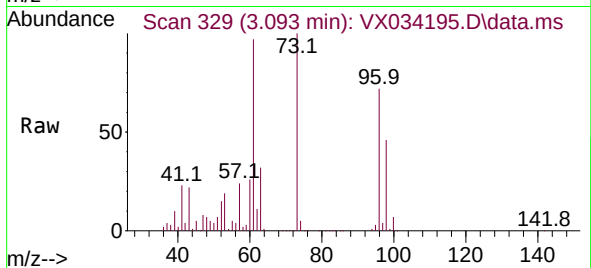
Tgt Ion: 84 Resp: 207832
Ion Ratio Lower Upper
84 100
49 127.8 101.1 151.7
51 40.1 31.0 46.6
86 64.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 48.343 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

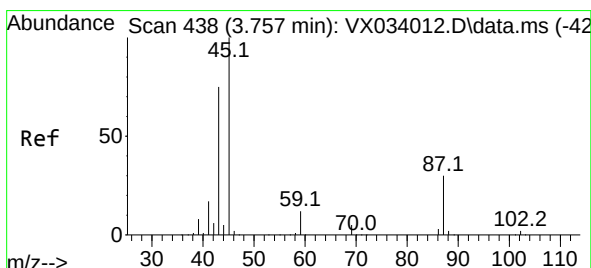
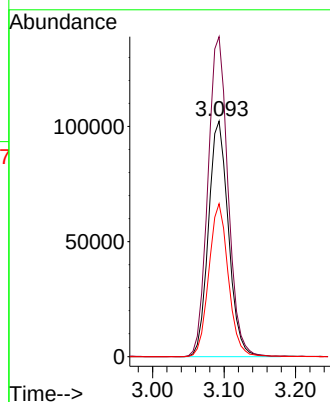
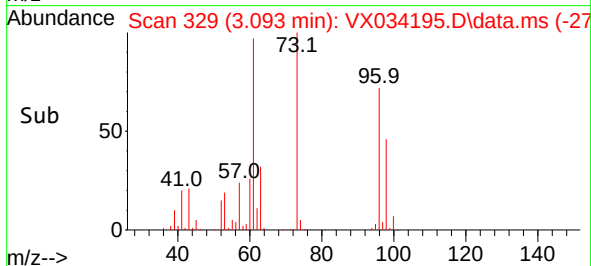
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 198675
Ion Ratio Lower Upper
96 100
61 135.9 106.7 160.1
98 64.9 50.0 75.0

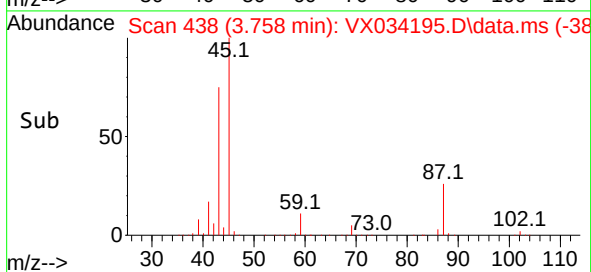
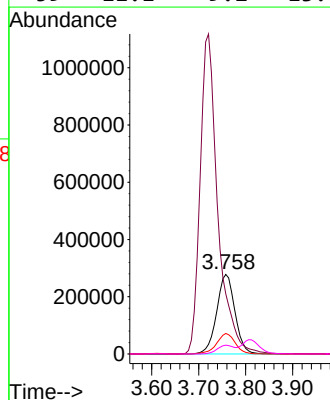
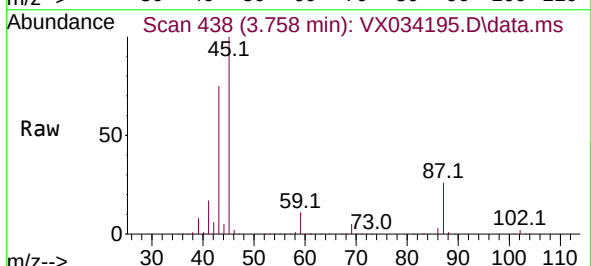
Manual Integrations
APPROVED

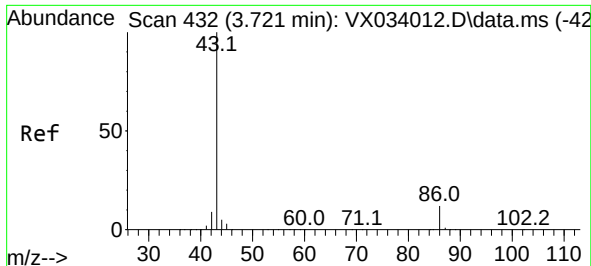
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#22
Diisopropyl ether
Concen: 51.387 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

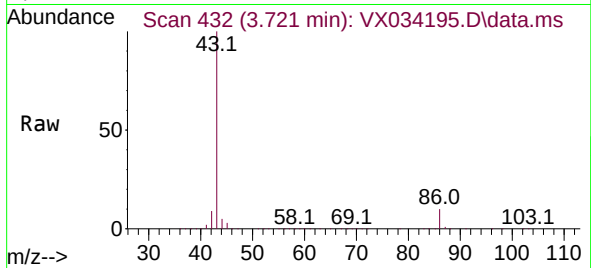
Tgt Ion: 45 Resp: 749495
Ion Ratio Lower Upper
45 100
43 75.4 64.6 97.0
87 25.7 21.9 32.9
59 11.1 9.2 13.8





#23
 Vinyl Acetate
 Concen: 250.688 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

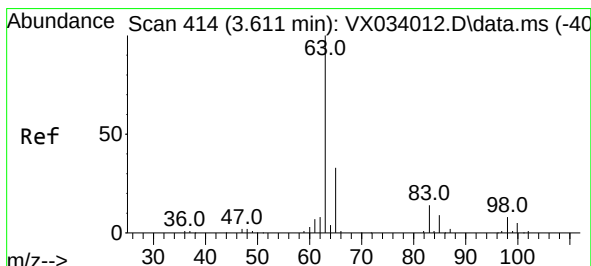
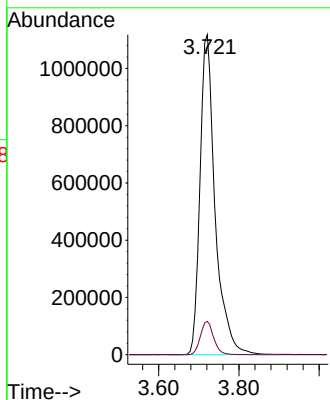
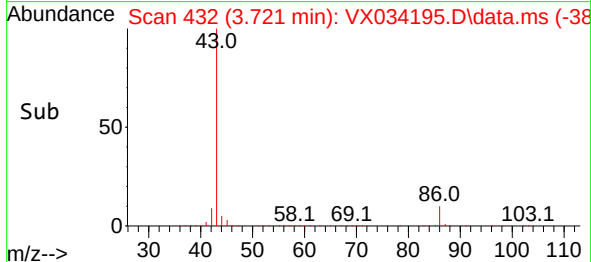
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



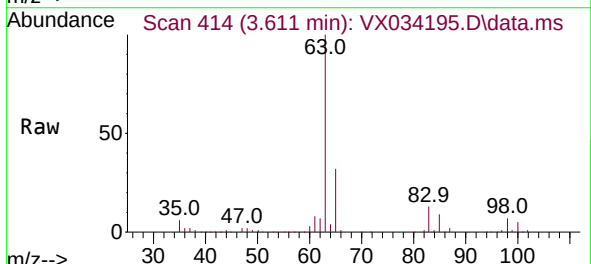
Tgt Ion: 43 Resp: 2929424
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

Manual Integrations
 APPROVED

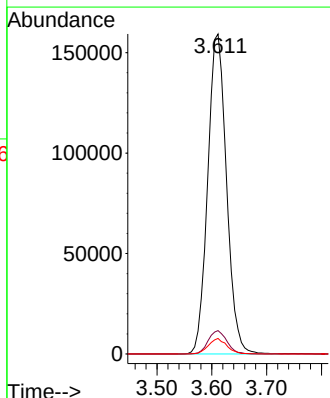
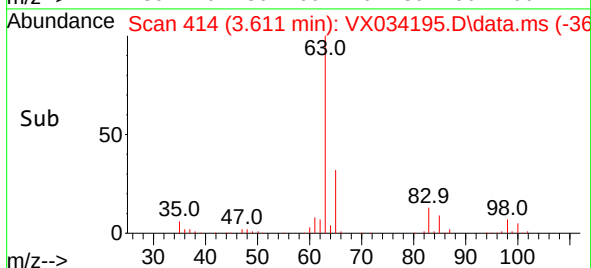
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

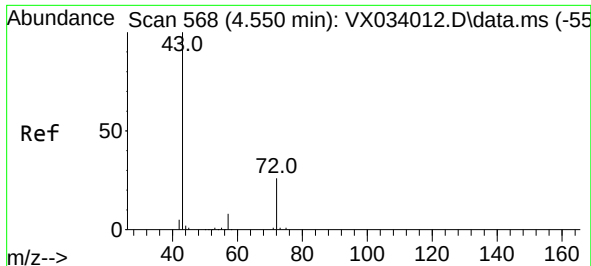


#24
 1,1-Dichloroethane
 Concen: 47.327 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06



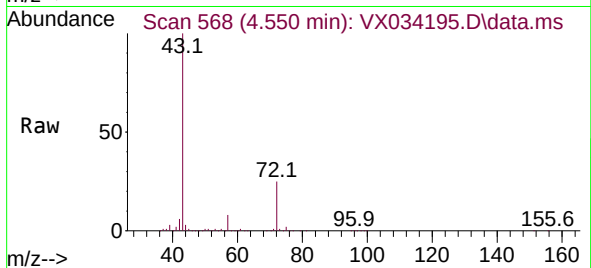
Tgt Ion: 63 Resp: 378949
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 225.910 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

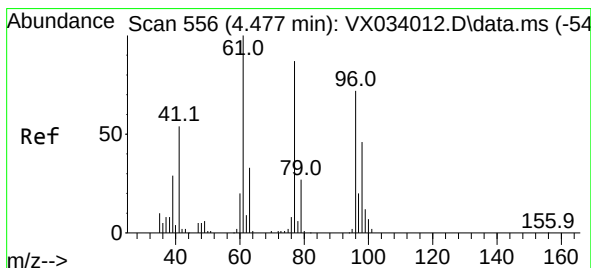
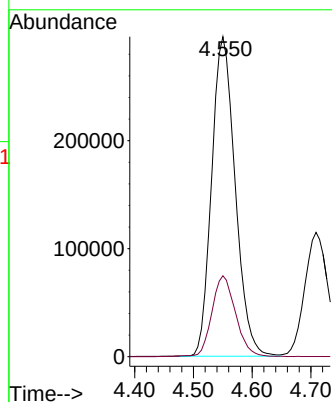
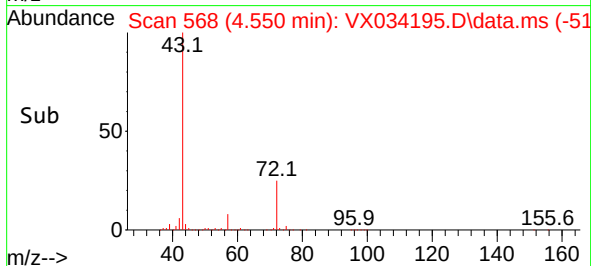
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 823430
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

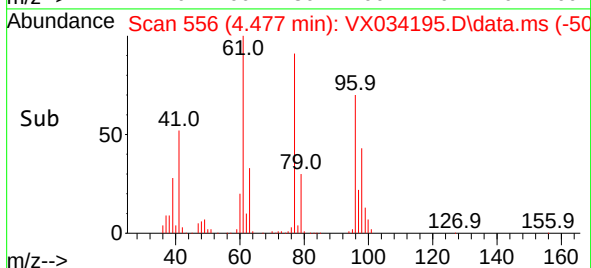
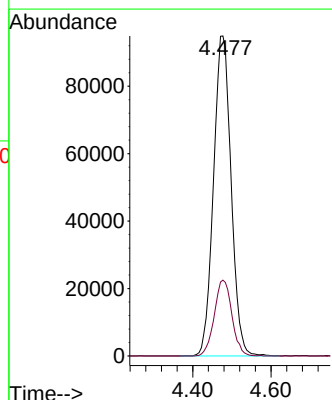
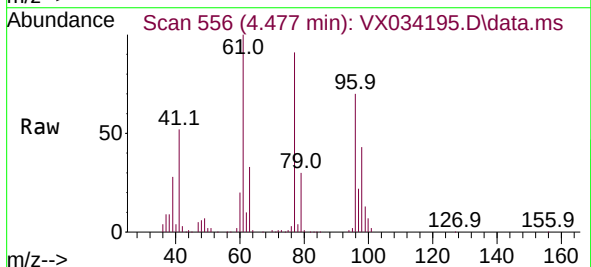
Manual Integrations
APPROVED

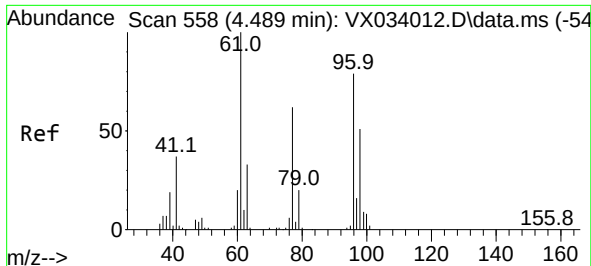
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#26
2,2-Dichloropropane
Concen: 40.815 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 77 Resp: 296050
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.471 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 23588

Ion Ratio Lower Upper

96 100

61 143.3 0.0 277.6

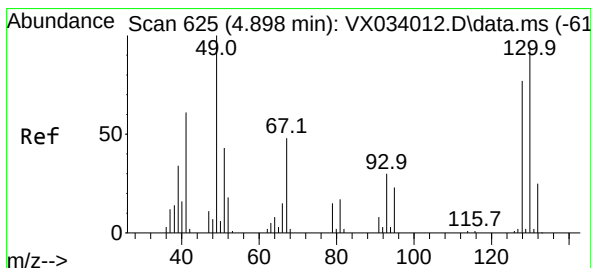
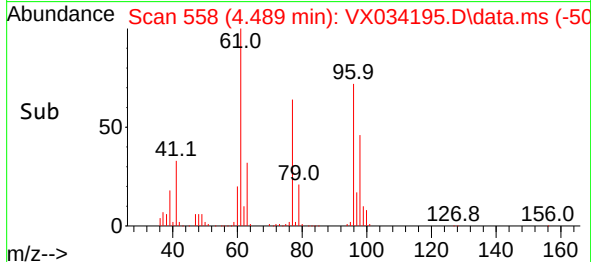
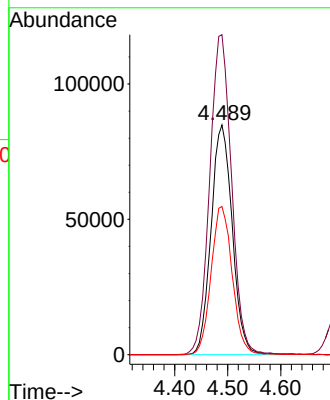
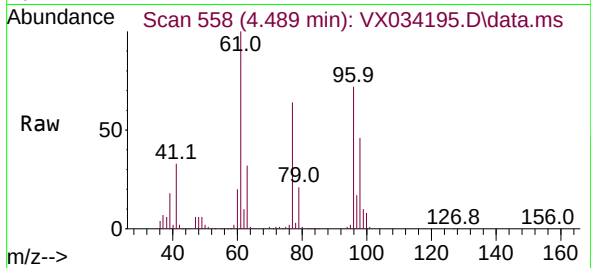
98 64.3 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#28

Bromochloromethane

Concen: 50.113 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

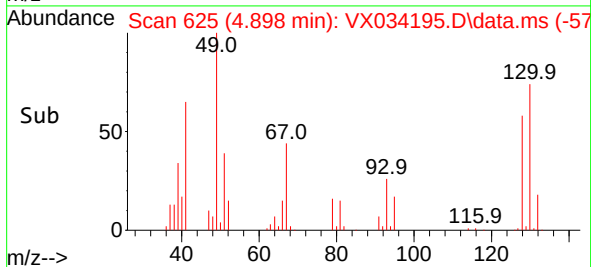
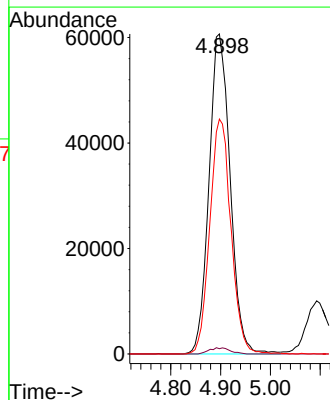
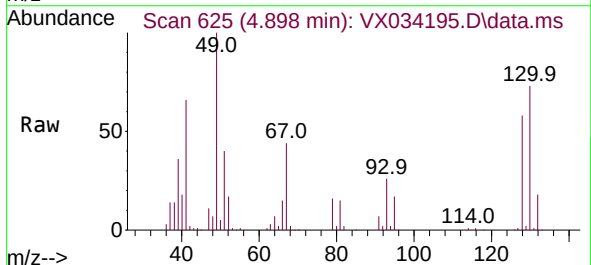
Tgt Ion: 49 Resp: 178999

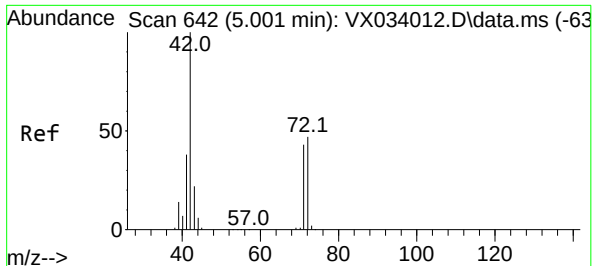
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 73.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 250.174 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 55628

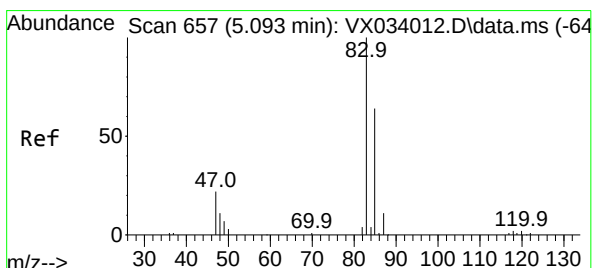
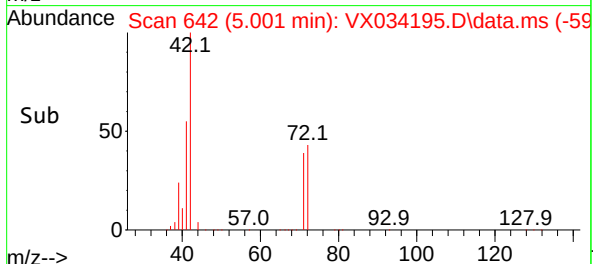
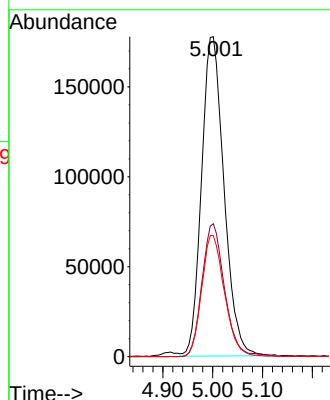
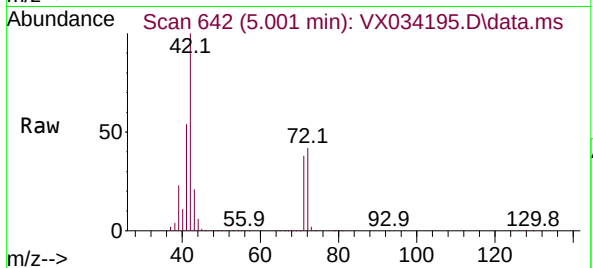
Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.8	52.2
71	38.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 48.820 ug/l

RT: 5.093 min Scan# 657

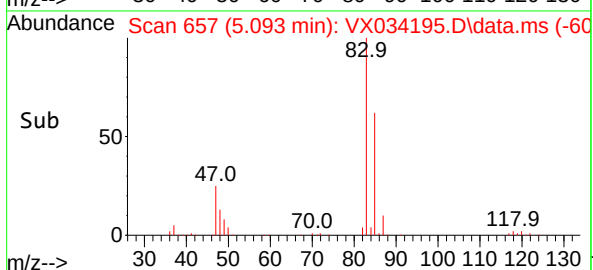
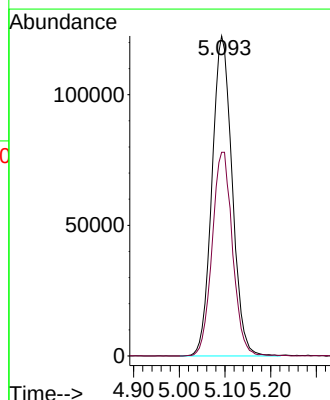
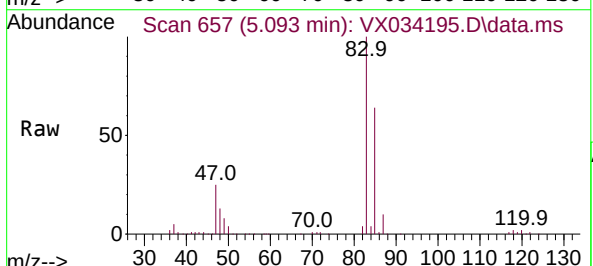
Delta R.T. 0.000 min

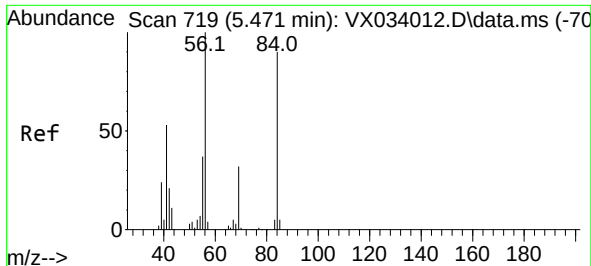
Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Tgt Ion: 83 Resp: 375356

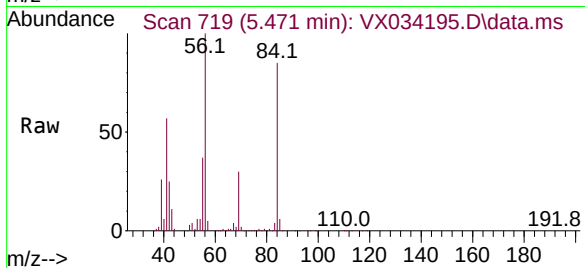
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.1	78.1





#31
Cyclohexane
Concen: 47.454 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

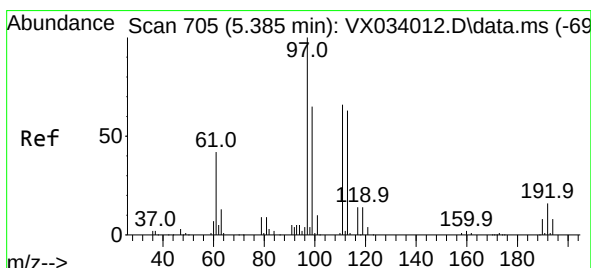
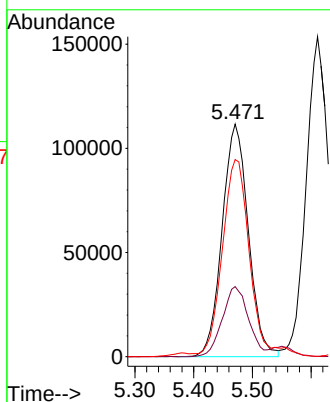
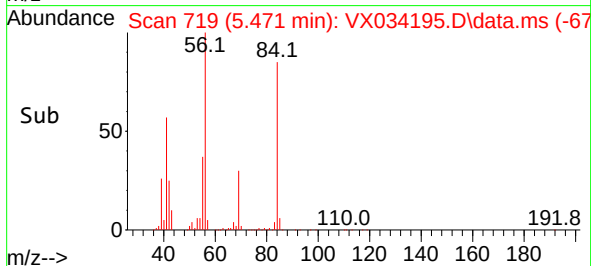
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 34598
Ion Ratio Lower Upper
56 100
69 30.1 24.6 37.0
84 83.3 71.0 106.6

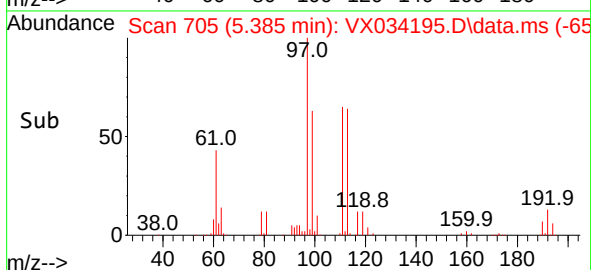
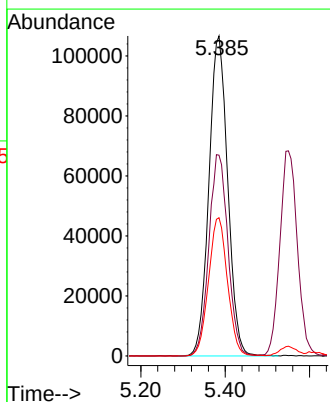
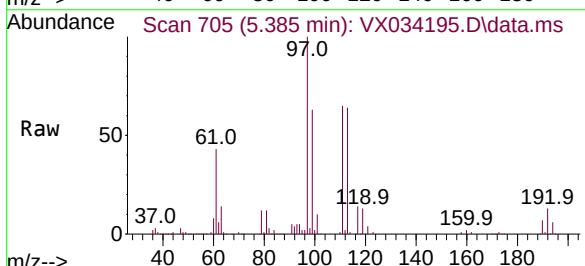
Manual Integrations
APPROVED

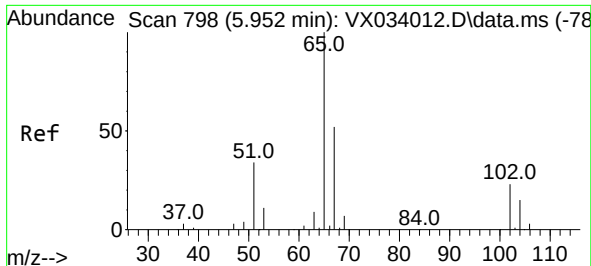
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#32
1,1,1-Trichloroethane
Concen: 47.803 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 97 Resp: 329472
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.190 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 230452

Ion Ratio Lower Upper

65 100

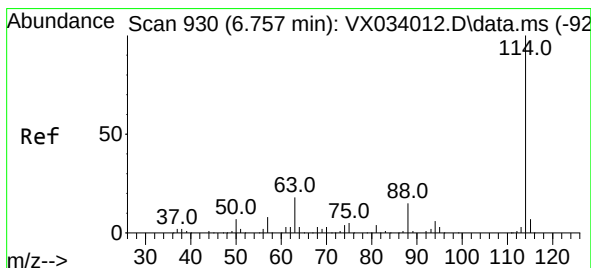
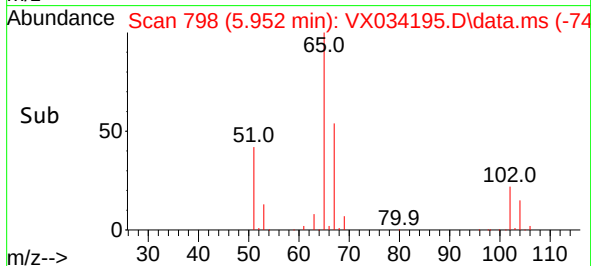
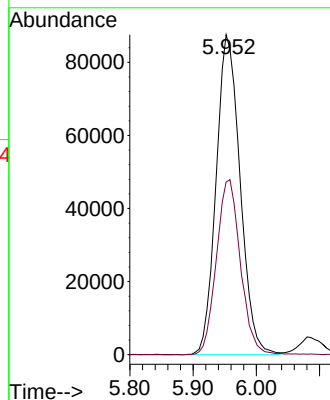
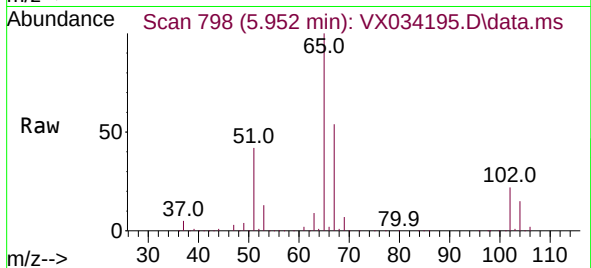
67 54.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

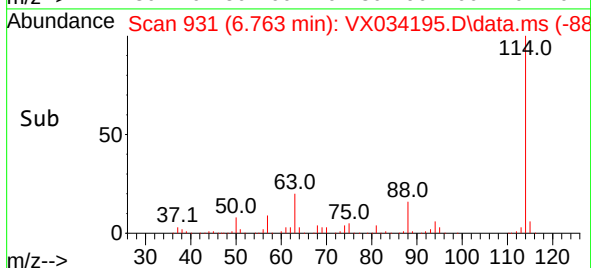
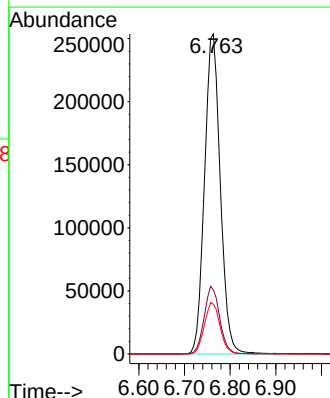
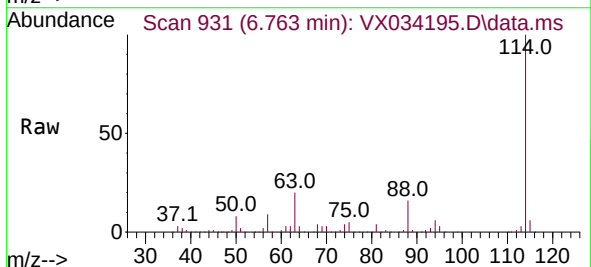
Tgt Ion:114 Resp: 606752

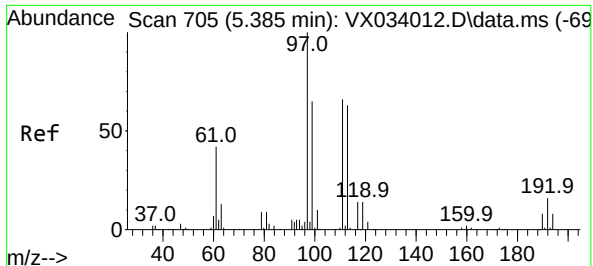
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.372 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034195.D

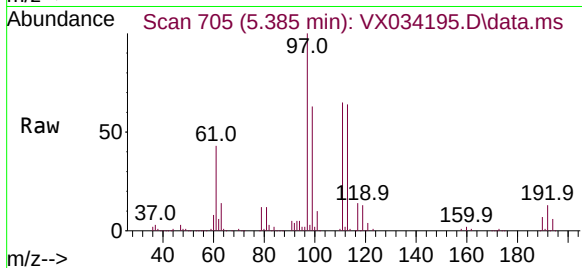
Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 198998

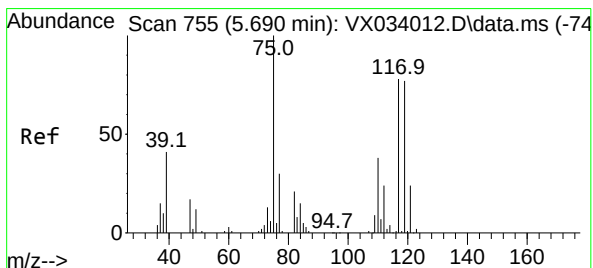
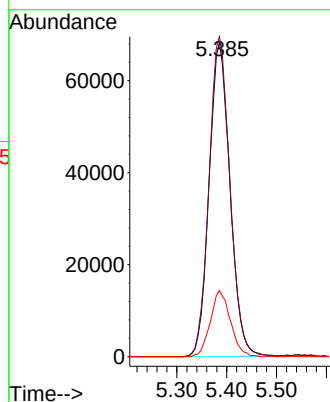
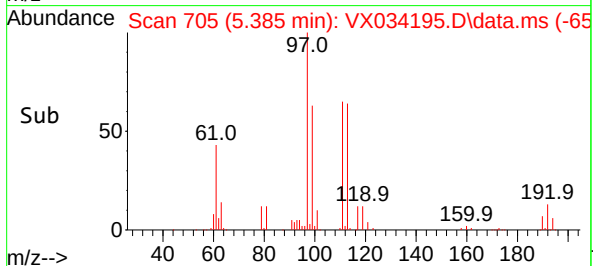
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	20.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#36

1,1-Dichloropropene

Concen: 47.983 ug/l

RT: 5.696 min Scan# 756

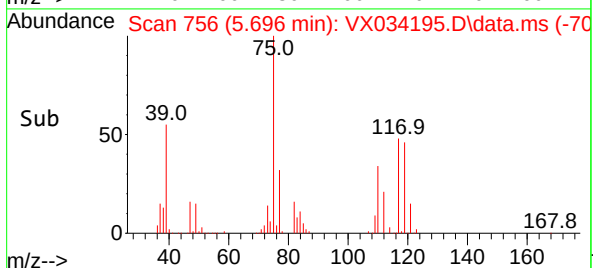
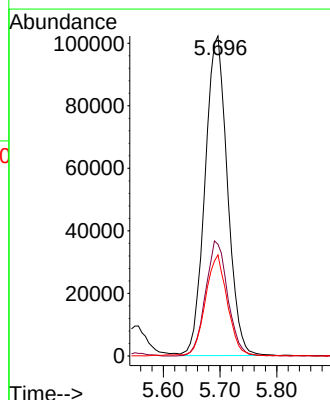
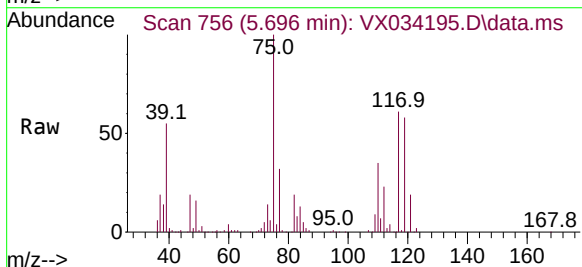
Delta R.T. 0.006 min

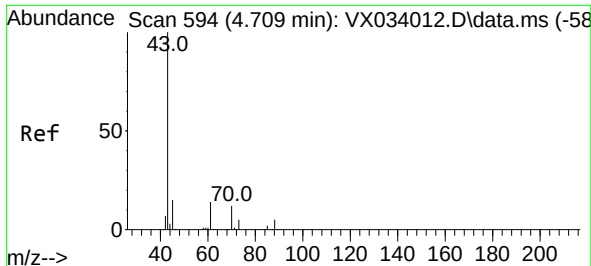
Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Tgt Ion: 75 Resp: 280338

Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.8	56.4
77	31.4	25.1	37.7





#37

Ethyl Acetate

Concen: 50.162 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 327536

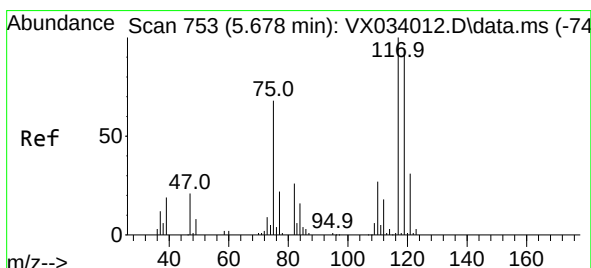
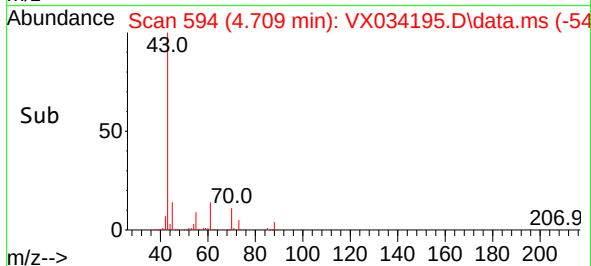
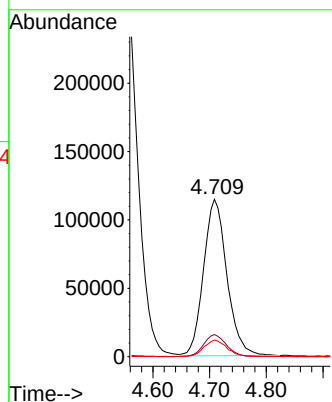
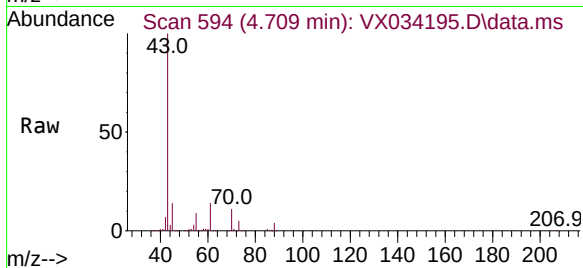
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.6	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#38

Carbon Tetrachloride

Concen: 47.324 ug/l

RT: 5.678 min Scan# 753

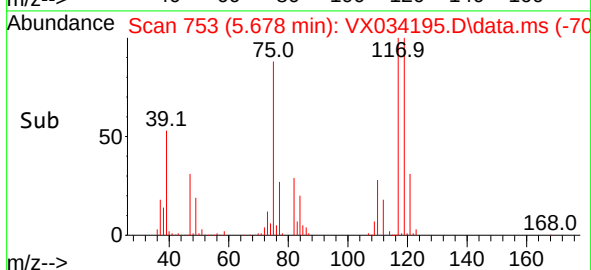
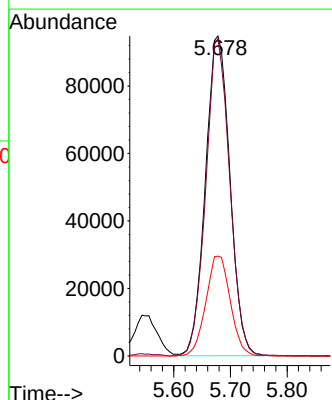
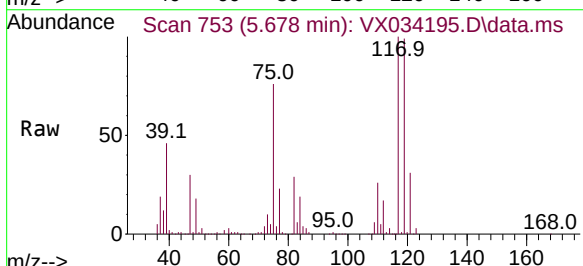
Delta R.T. 0.006 min

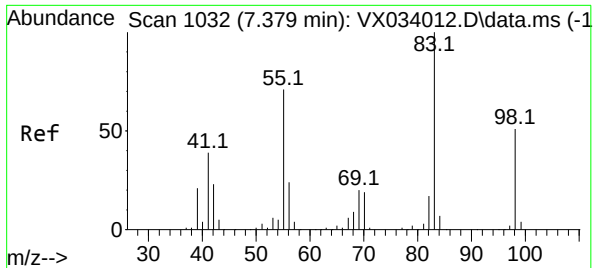
Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Tgt Ion:117 Resp: 284513

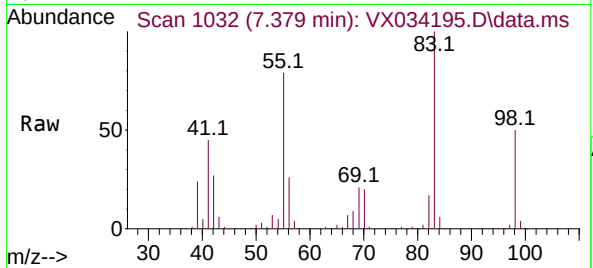
Ion	Ratio	Lower	Upper
117	100		
119	99.1	78.0	117.0
121	31.2	24.4	36.6





#39
Methylcyclohexane
Concen: 45.828 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

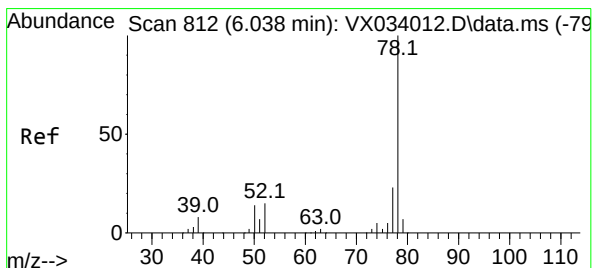
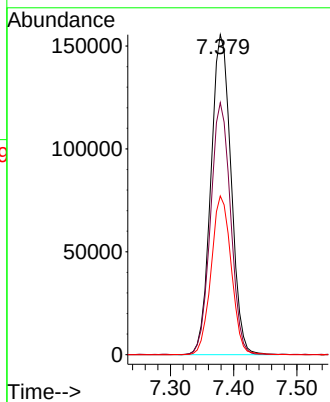
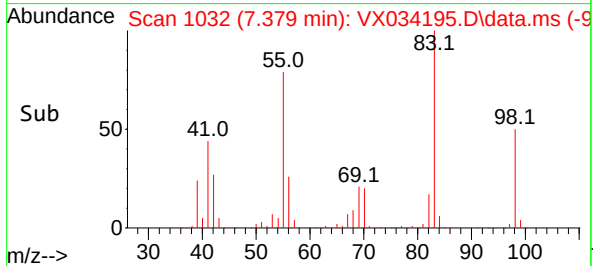
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 344562
Ion Ratio Lower Upper
83 100
55 78.7 61.8 92.6
98 49.6 39.3 58.9

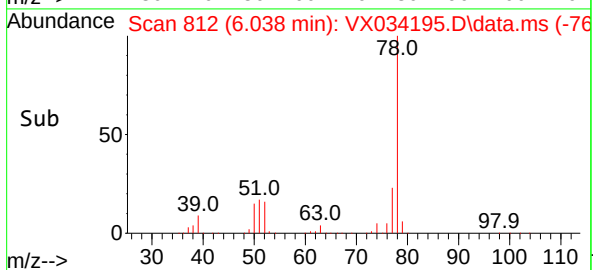
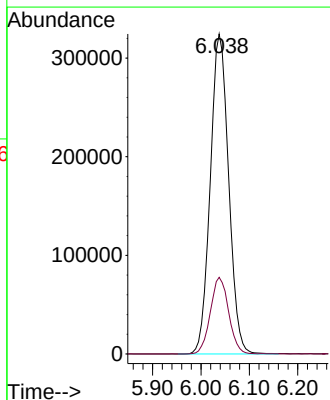
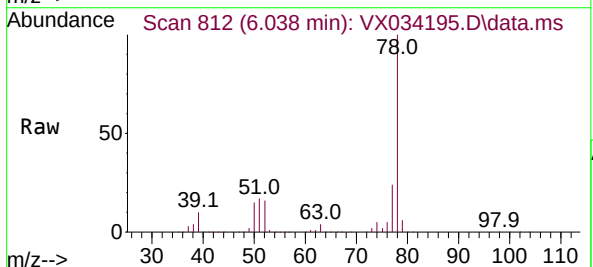
Manual Integrations
APPROVED

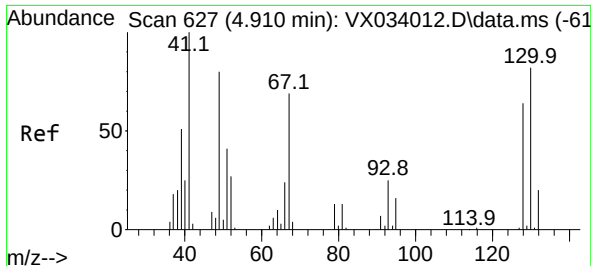
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#40
Benzene
Concen: 49.408 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 78 Resp: 855442
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





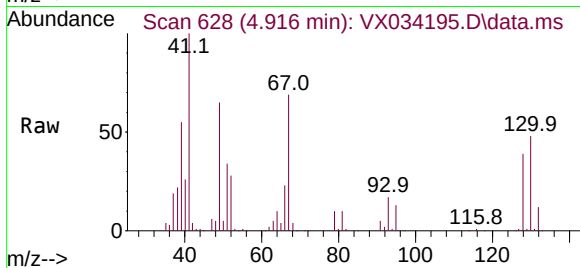
#41
Methacrylonitrile
Concen: 51.695 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



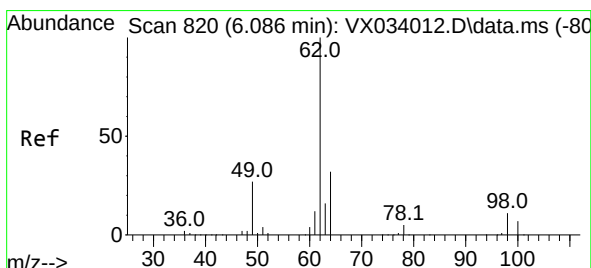
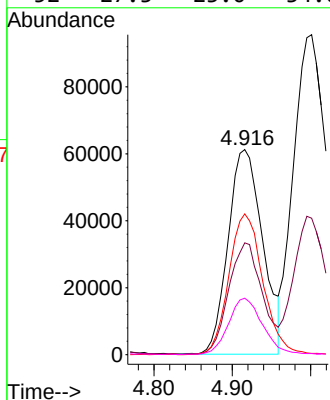
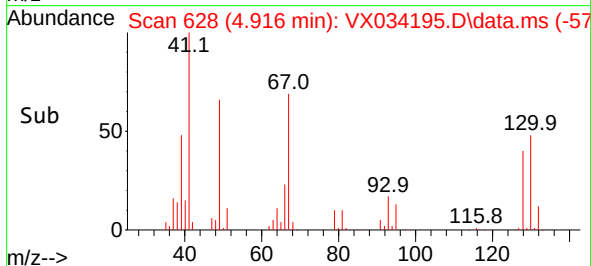
Tgt Ion: 41 Resp: 18806
Ion Ratio Lower Upper
41 100
39 52.9 43.8 65.6
67 67.8 54.8 82.2
52 27.3 23.0 34.6

Manual Integrations

APPROVED

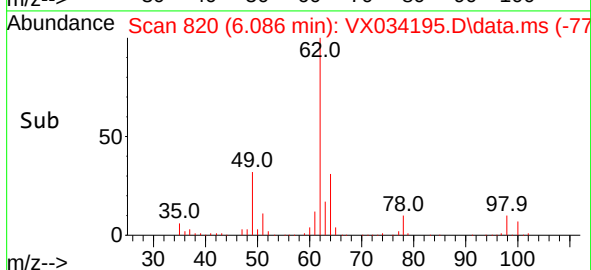
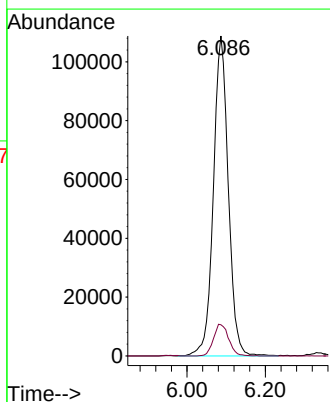
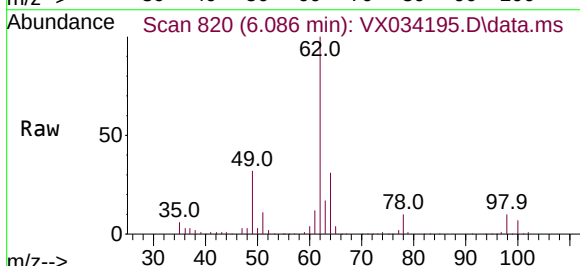
Reviewed By :John Carlone 02/21/2023

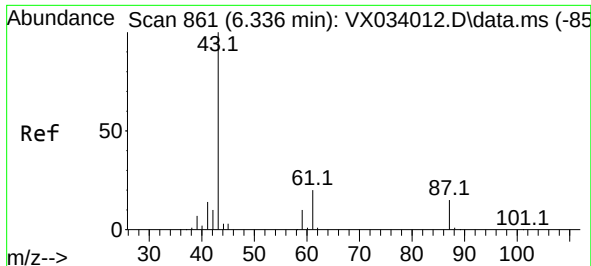
Supervised By :Mahesh Dadoda 02/21/2023



#42
1,2-Dichloroethane
Concen: 47.266 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

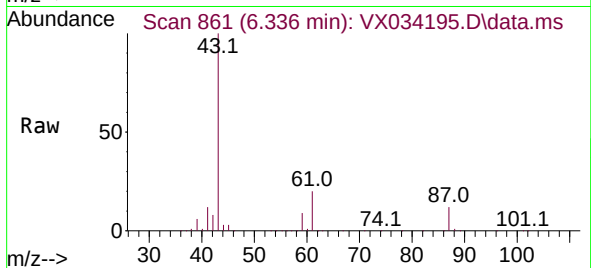
Tgt Ion: 62 Resp: 287821
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.288 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

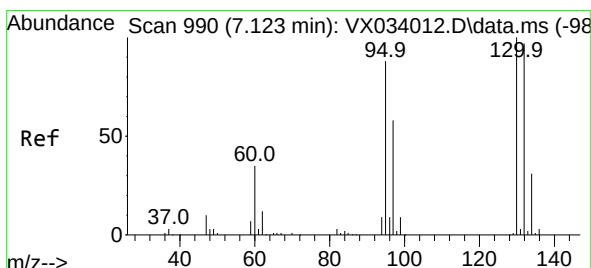
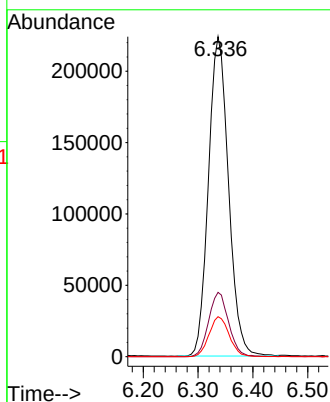
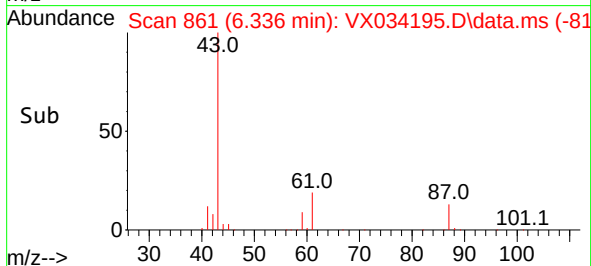
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 56791
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 12.6 10.6 15.8

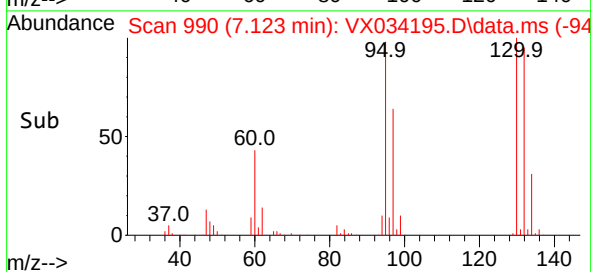
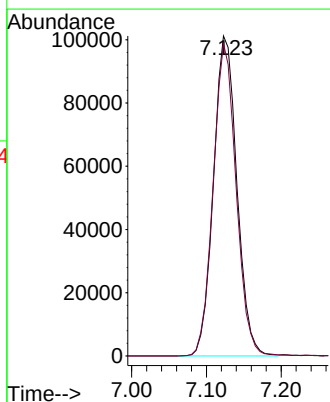
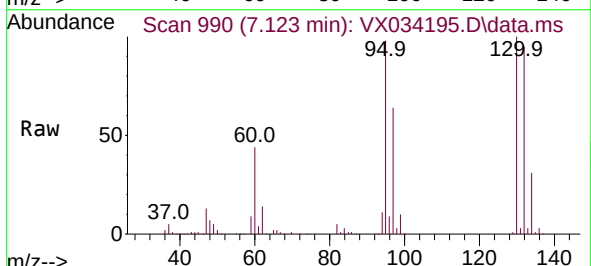
Manual Integrations
APPROVED

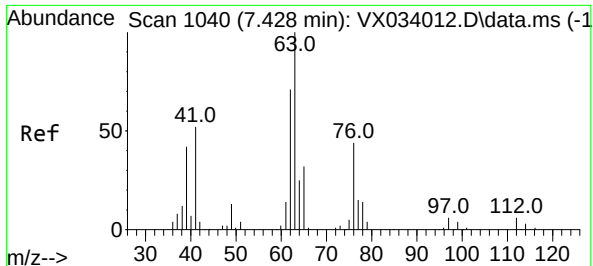
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 49.543 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:130 Resp: 220127
Ion Ratio Lower Upper
130 100
95 97.6 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.432 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 227838

Ion Ratio Lower Upper

63 100

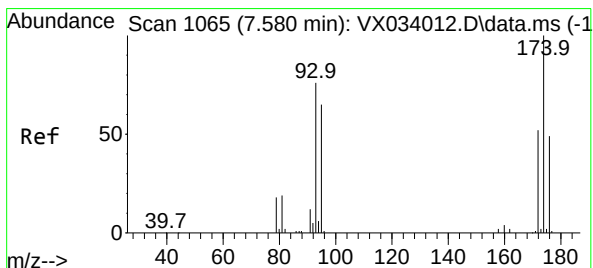
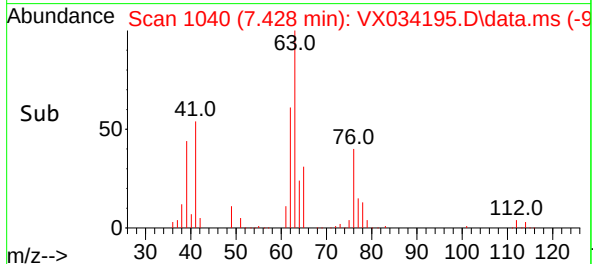
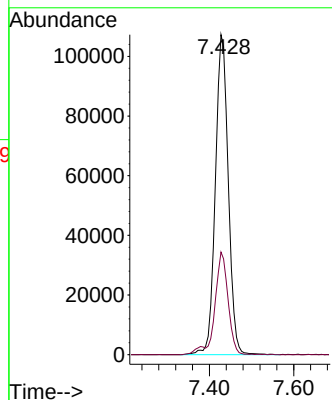
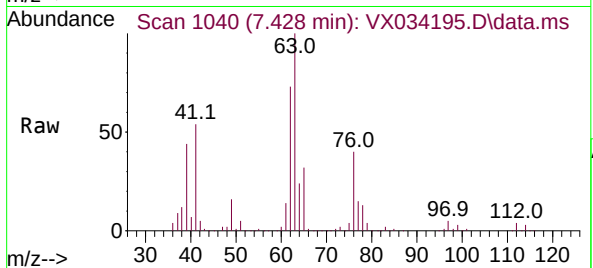
65 32.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#46

Dibromomethane

Concen: 48.900 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

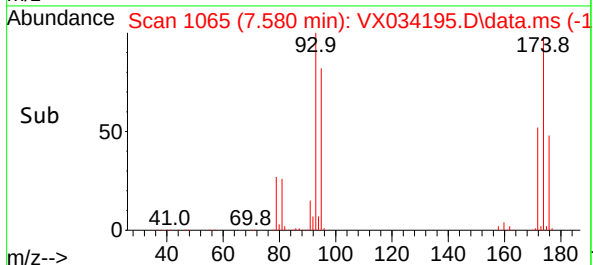
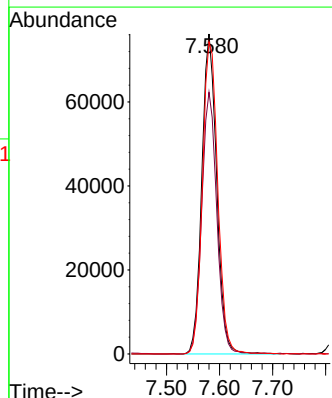
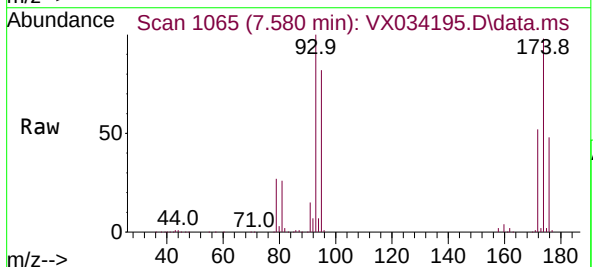
Tgt Ion: 93 Resp: 148331

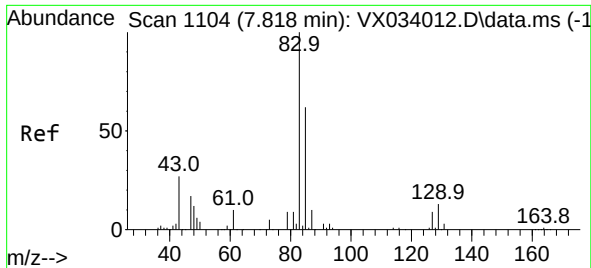
Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

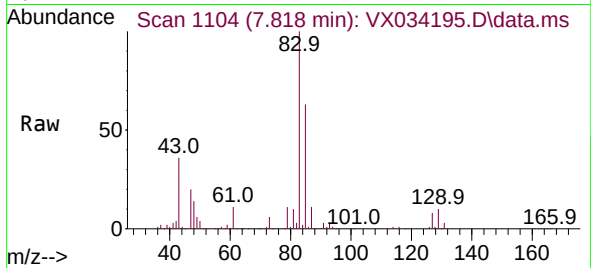
174 100.5 97.4 146.0





#47
Bromodichloromethane
Concen: 48.362 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

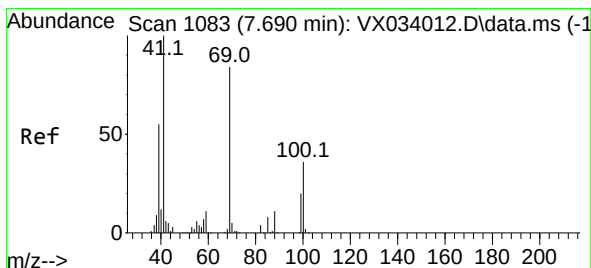
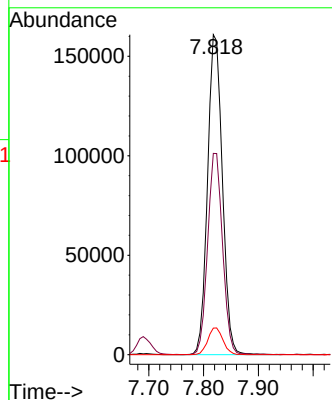
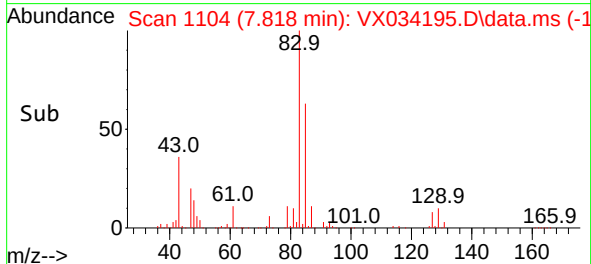
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 301060
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.6
127 8.3 7.0 10.4

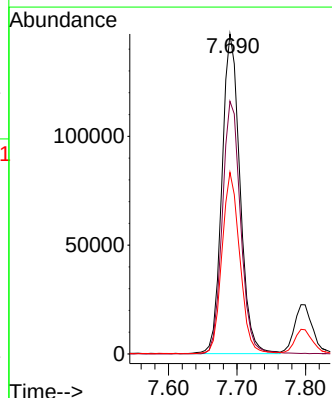
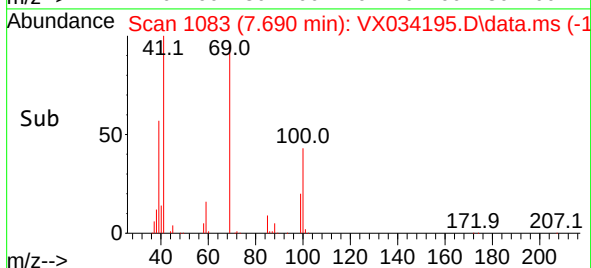
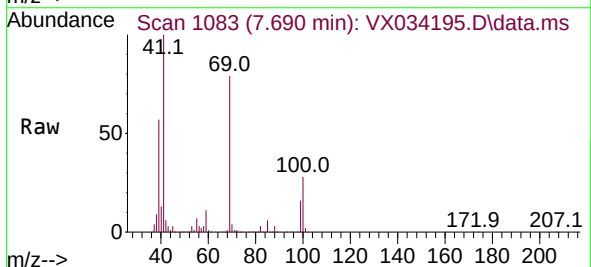
Manual Integrations
APPROVED

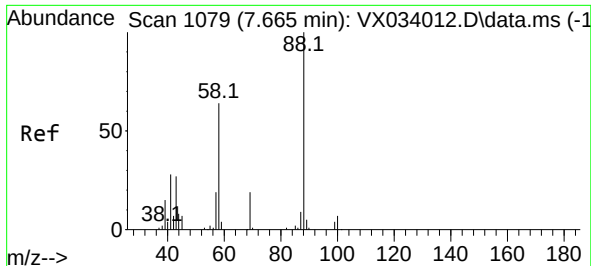
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#48
Methyl methacrylate
Concen: 49.013 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

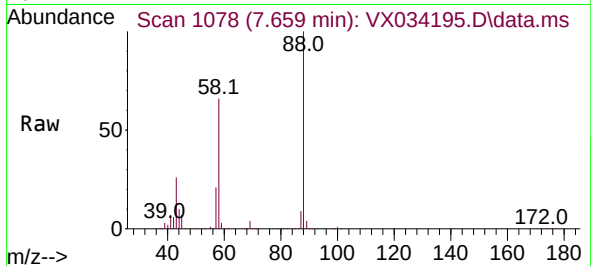
Tgt Ion: 41 Resp: 268050
Ion Ratio Lower Upper
41 100
69 80.4 63.1 94.7
39 55.9 43.2 64.8





#49
1,4-Dioxane
Concen: 930.020 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

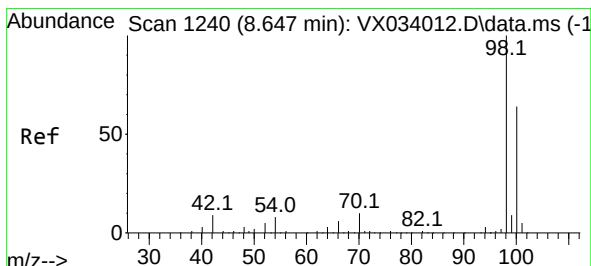
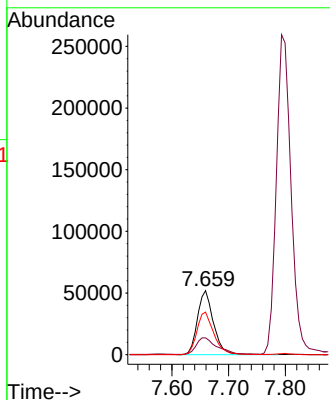
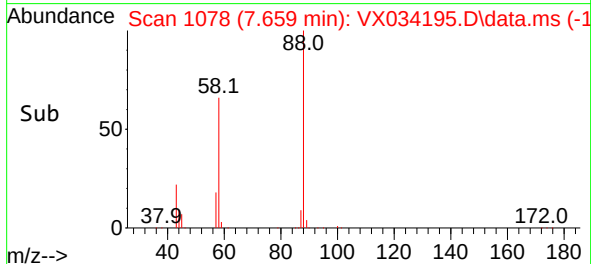
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 101450
Ion Ratio Lower Upper
88 100
43 33.5 0.0 0.0
58 70.3 56.5 84.7

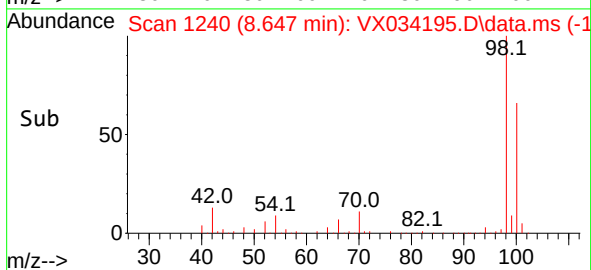
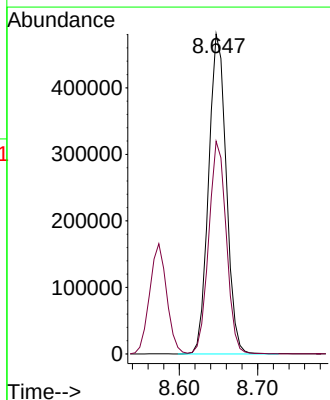
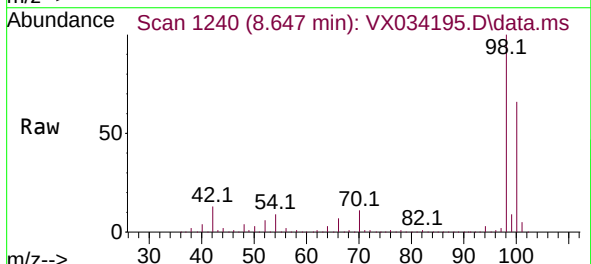
Manual Integrations
APPROVED

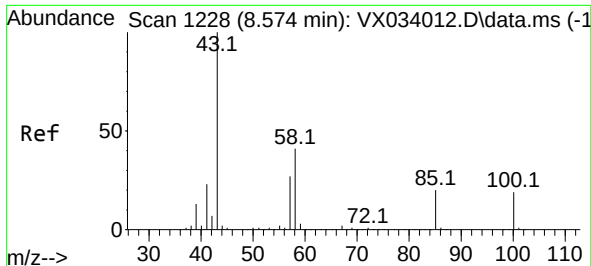
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#50
Toluene-d8
Concen: 52.899 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 98 Resp: 750306
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 265.083 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

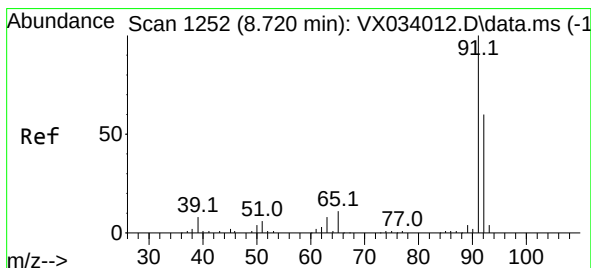
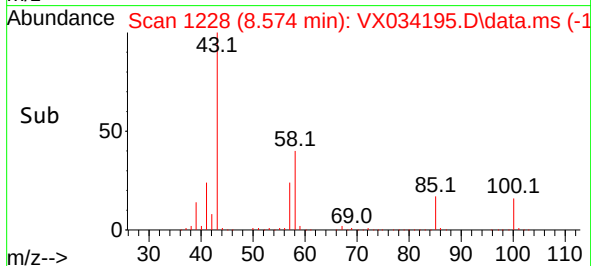
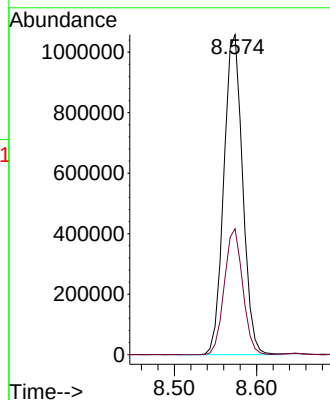
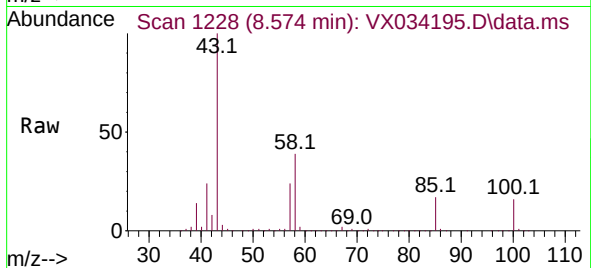
VSTDC0050EC

Tgt Ion: 43 Resp: 168046
Ion Ratio Lower Upper
43 100
58 38.6 31.2 46.8

Manual Integrations

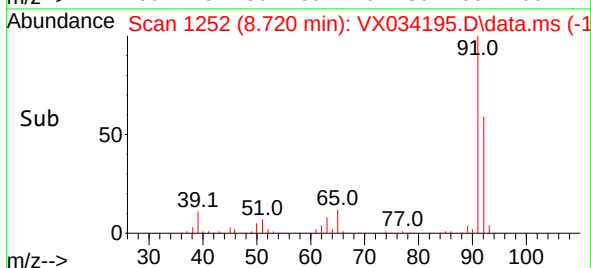
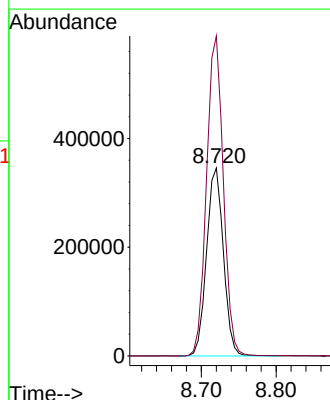
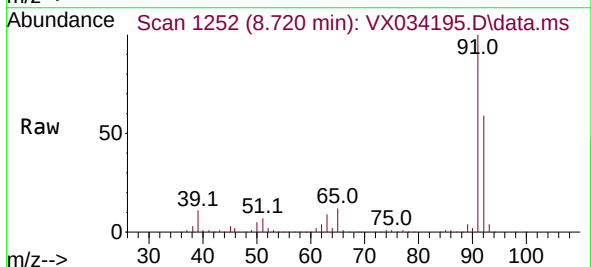
APPROVED

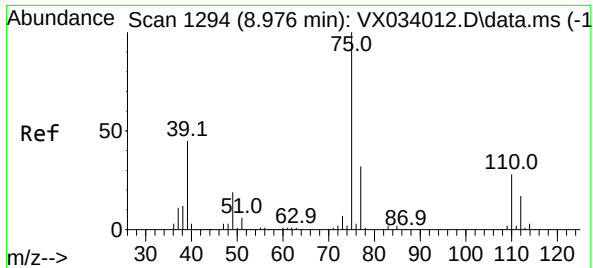
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#52
Toluene
Concen: 51.459 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 92 Resp: 539862
Ion Ratio Lower Upper
92 100
91 170.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 48.852 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 350049

Ion Ratio Lower Upper

75 100

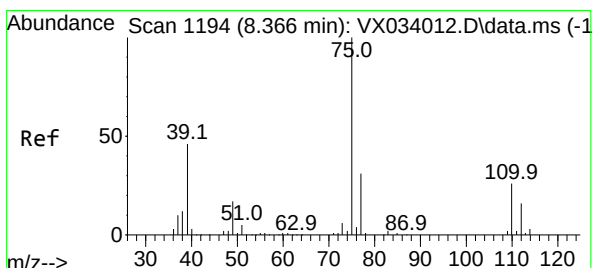
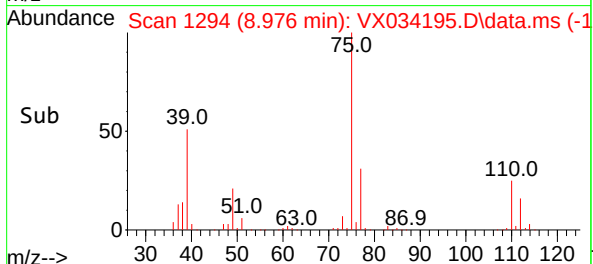
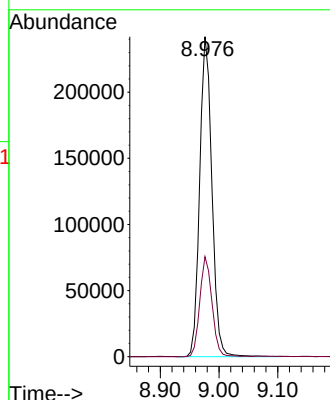
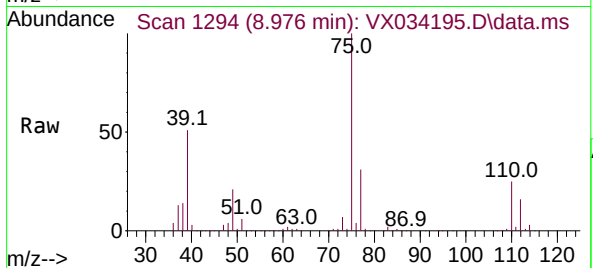
77 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#54

cis-1,3-Dichloropropene

Concen: 47.686 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

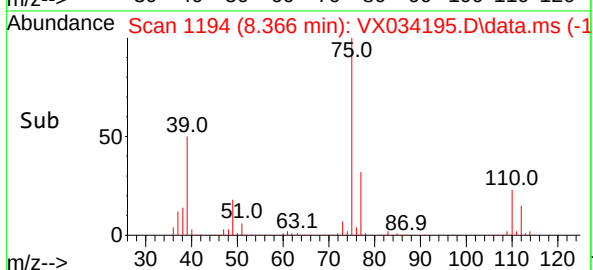
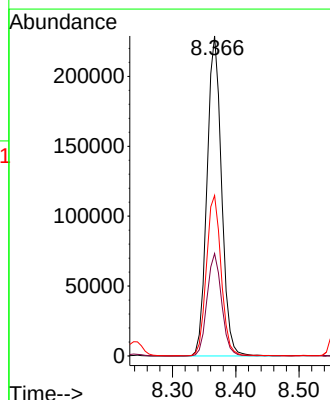
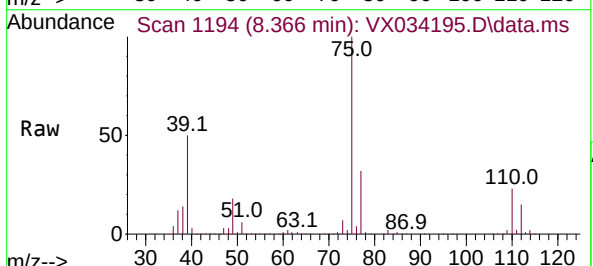
Tgt Ion: 75 Resp: 365798

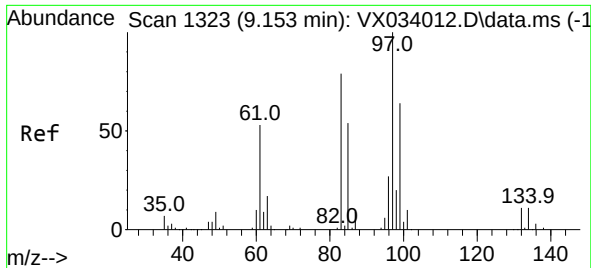
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

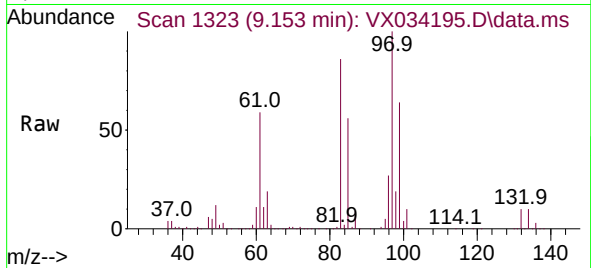
39 50.0 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 51.275 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

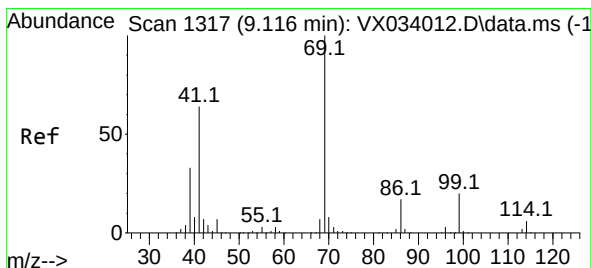
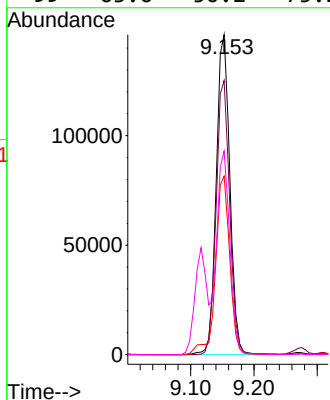
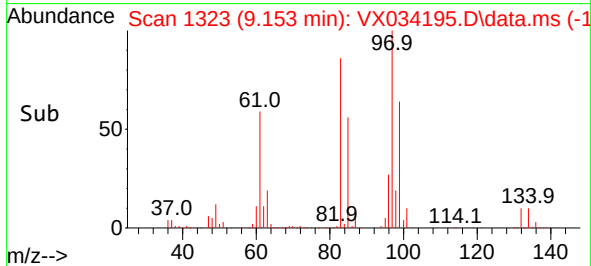
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



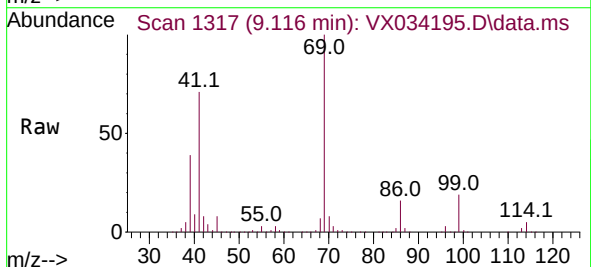
Tgt Ion: 97 Resp: 217128
Ion Ratio Lower Upper
97 100
83 85.6 67.4 101.0
85 55.8 43.2 64.8
99 63.6 50.2 75.2

Manual Integrations
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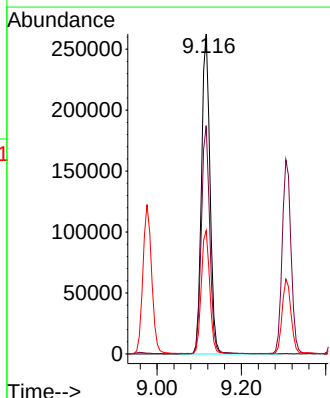
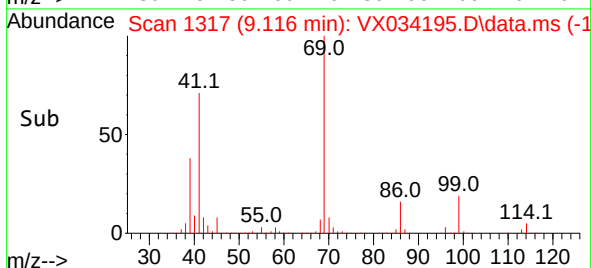
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

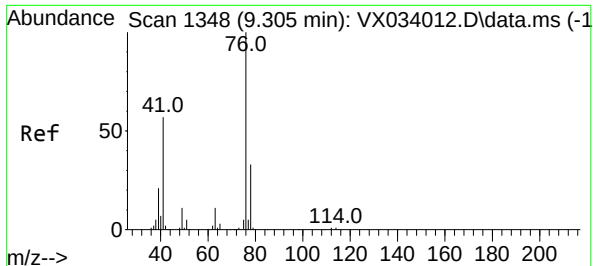


#56
Ethyl methacrylate
Concen: 51.356 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion: 69 Resp: 367896
Ion Ratio Lower Upper
69 100
41 70.6 55.1 82.7
39 38.4 28.5 42.7





#57

1,3-Dichloropropane

Concen: 51.101 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 376489

Ion Ratio Lower Upper

76 100

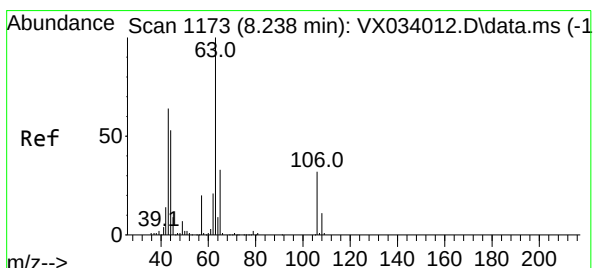
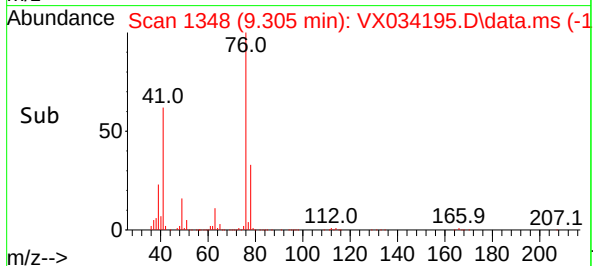
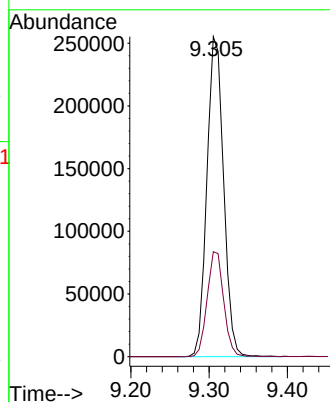
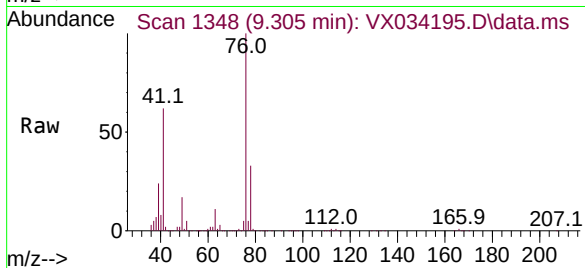
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.532 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034195.D

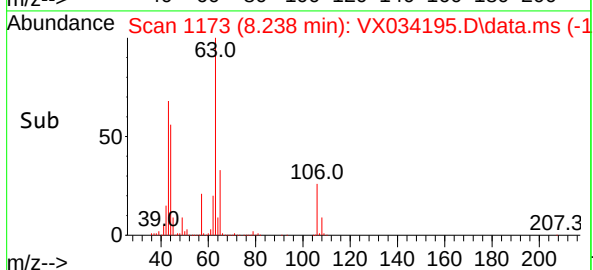
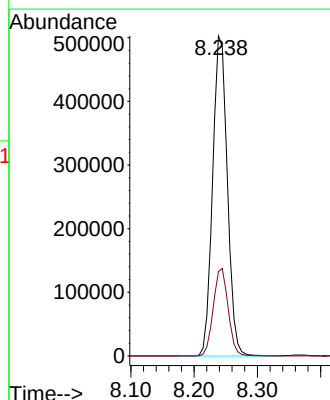
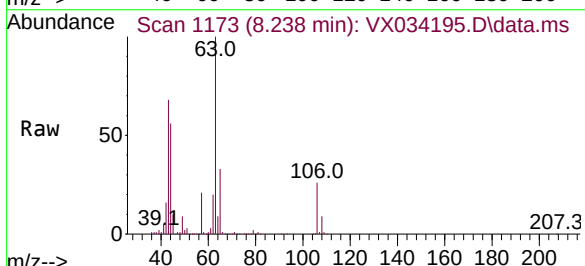
Acq: 20 Feb 2023 18:06

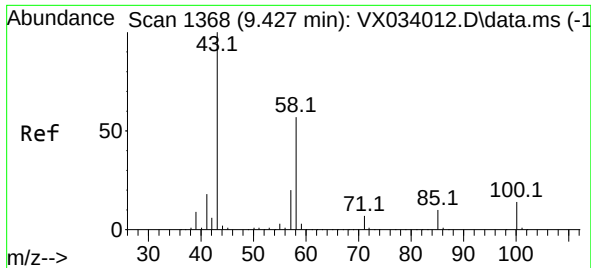
Tgt Ion: 63 Resp: 814686

Ion Ratio Lower Upper

63 100

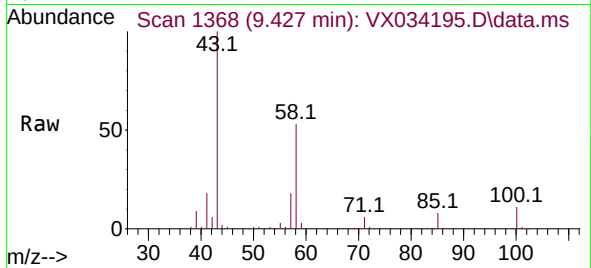
106 27.6 24.5 36.7





#59
2-Hexanone
Concen: 262.665 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

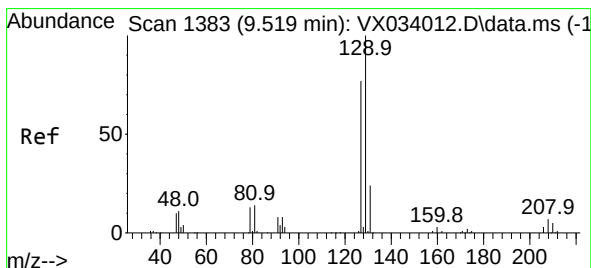
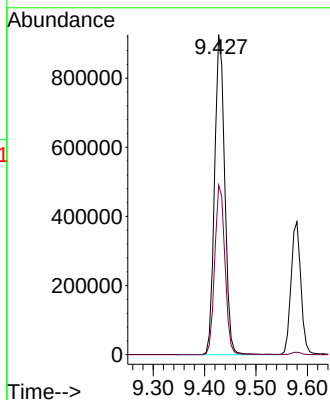
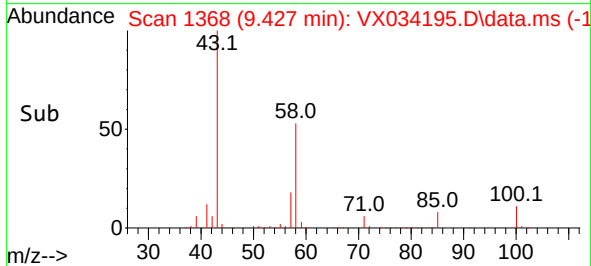
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



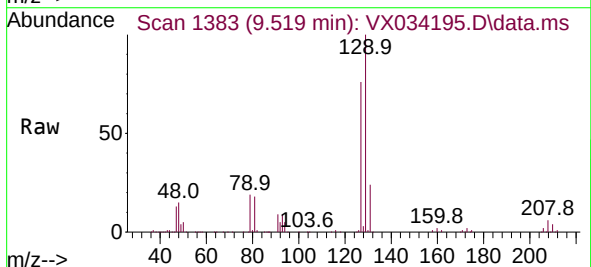
Tgt Ion: 43 Resp: 126900
Ion Ratio Lower Upper
43 100
58 53.4 27.4 82.0

Manual Integrations
APPROVED

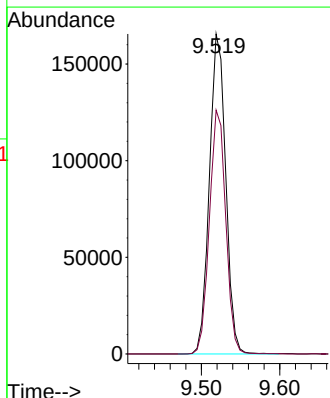
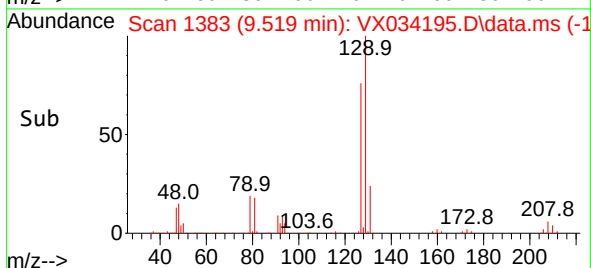
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

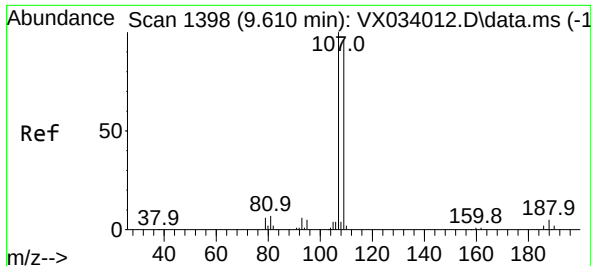


#60
Dibromochloromethane
Concen: 51.117 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



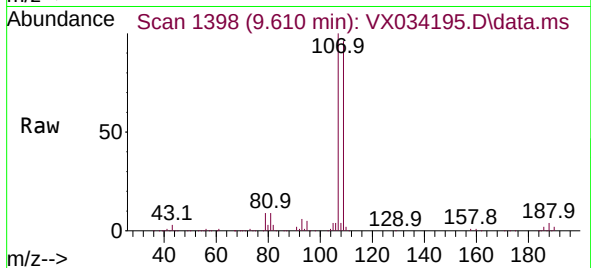
Tgt Ion:129 Resp: 239176
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.207 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

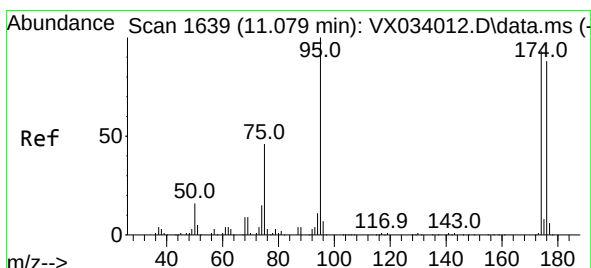
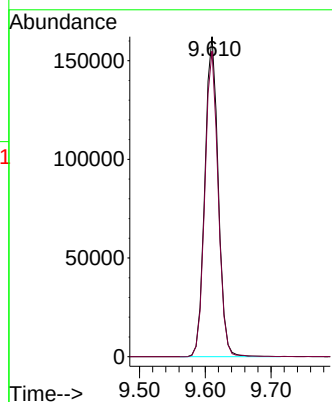
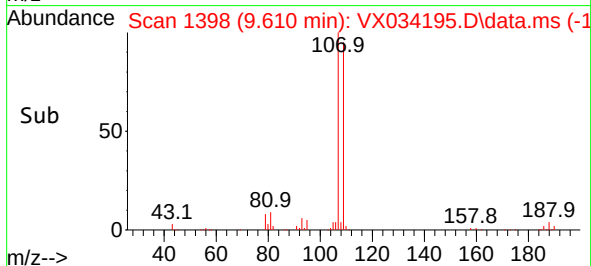
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



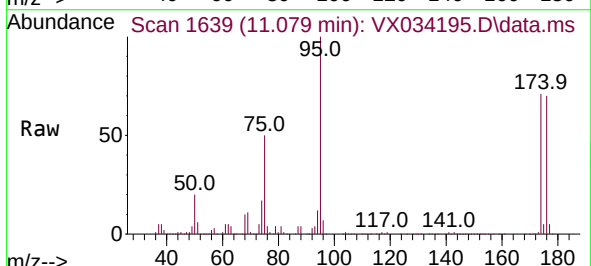
Tgt Ion:107 Resp: 229330
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.2

Manual Integrations
APPROVED

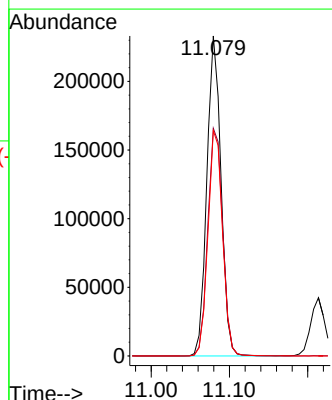
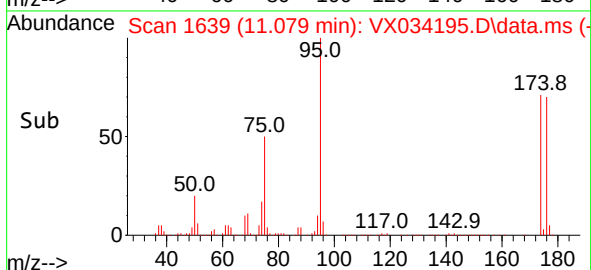
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

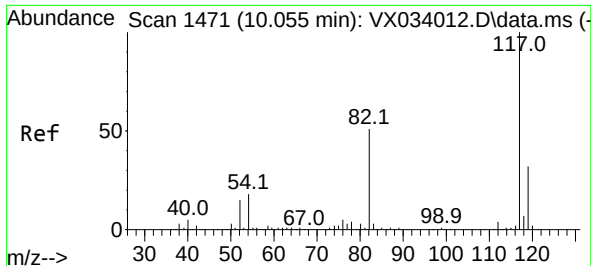


#62
4-Bromofluorobenzene
Concen: 53.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



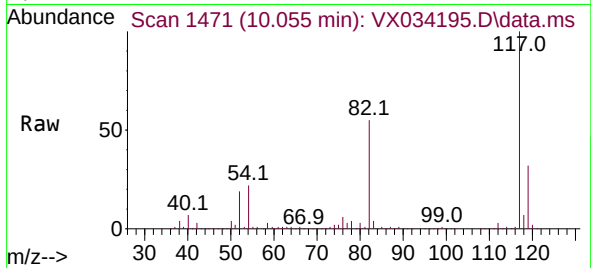
Tgt Ion: 95 Resp: 291403
Ion Ratio Lower Upper
95 100
174 75.0 0.0 184.4
176 72.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

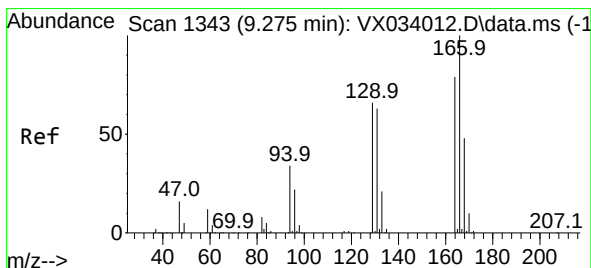
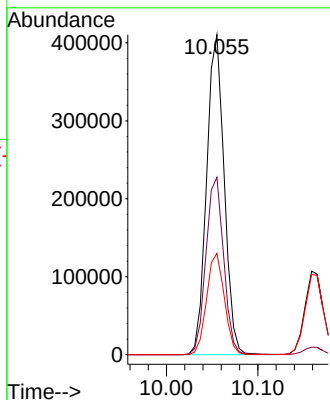
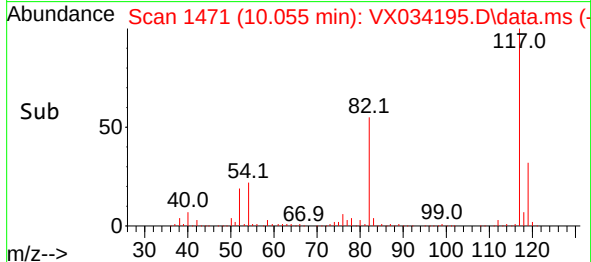
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



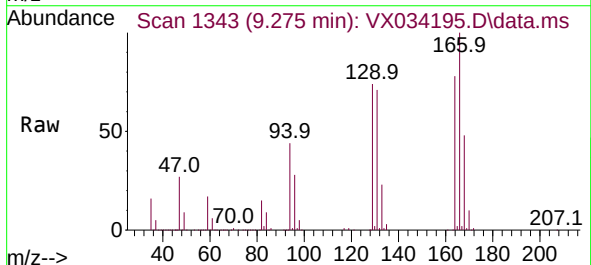
Tgt Ion:117 Resp: 549086
Ion Ratio Lower Upper
117 100
82 55.4 40.6 60.8
119 31.7 25.6 38.4

Manual Integrations
APPROVED

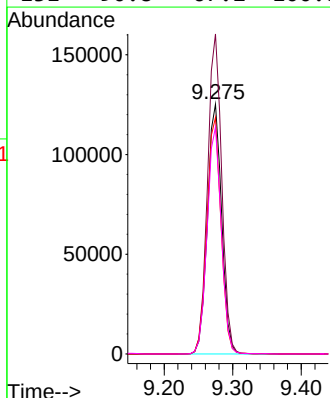
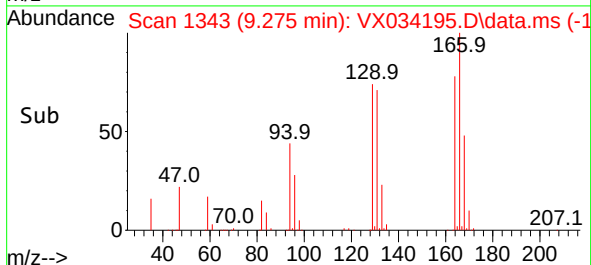
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

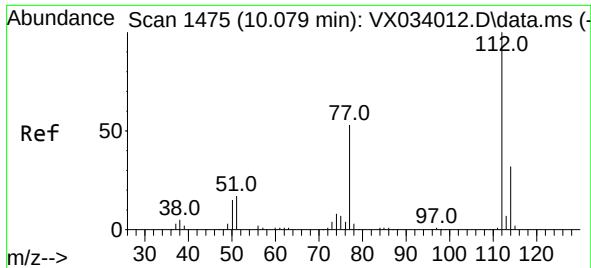


#64
Tetrachloroethene
Concen: 46.654 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion:164 Resp: 180799
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 94.7 69.2 103.8
131 90.8 67.2 100.8





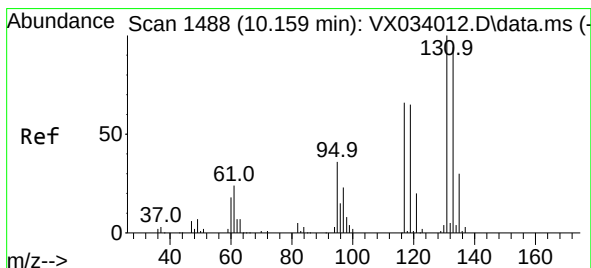
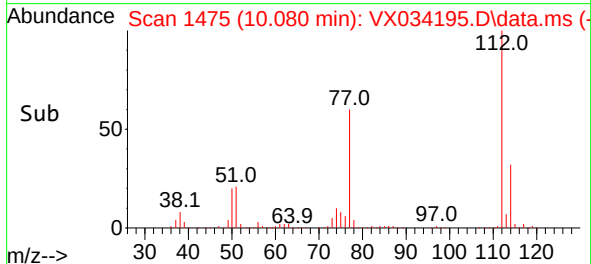
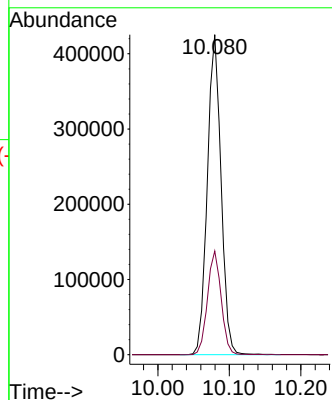
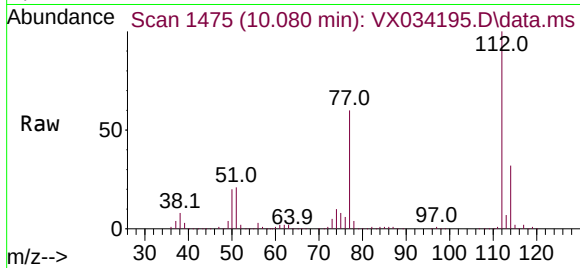
#65
Chlorobenzene
Concen: 49.502 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 566588
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

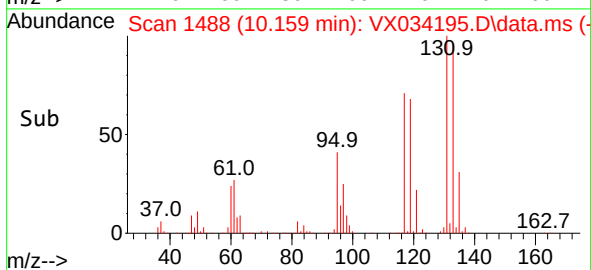
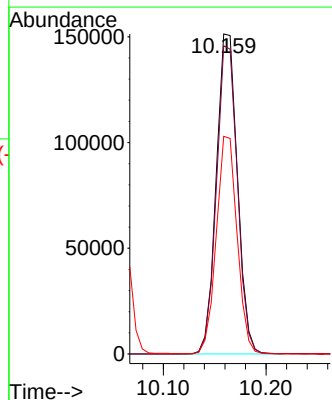
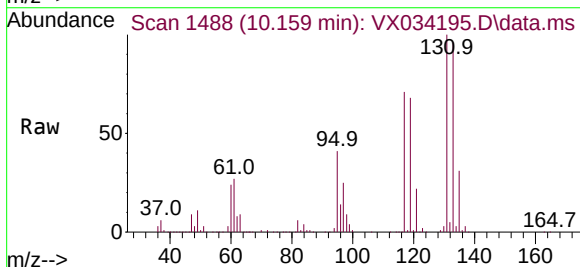
Manual Integrations
APPROVED

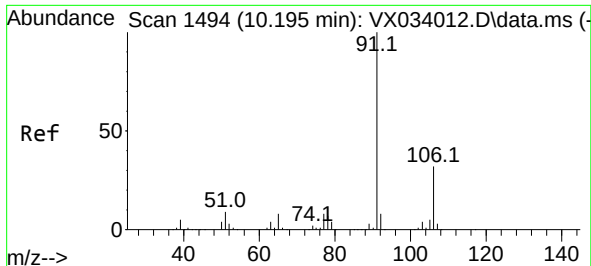
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.693 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:131 Resp: 215754
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 67.0 31.9 95.7





#67

Ethyl Benzene

Concen: 49.847 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034195.D

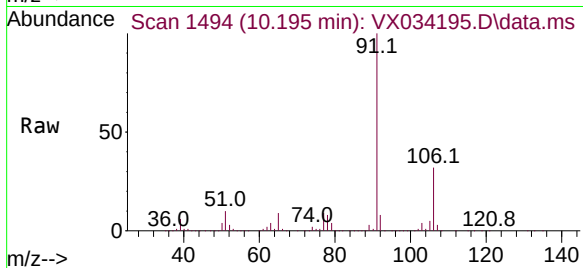
Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 1024994

Ion Ratio Lower Upper

91 100

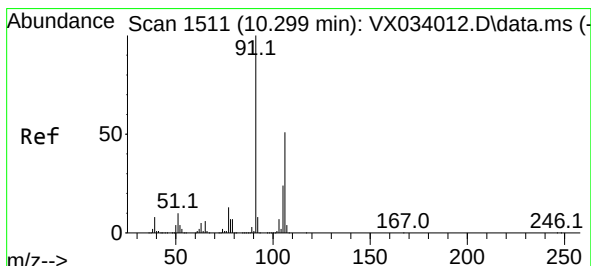
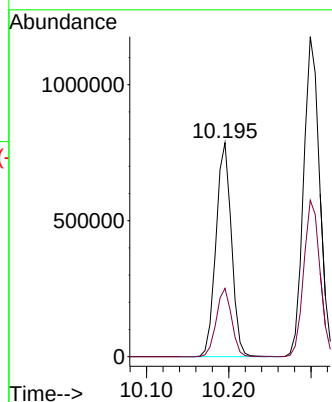
106 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#68

m/p-Xylenes

Concen: 100.174 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034195.D

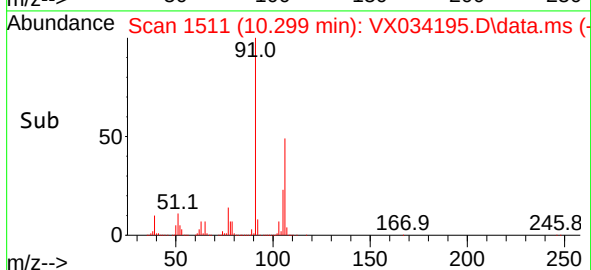
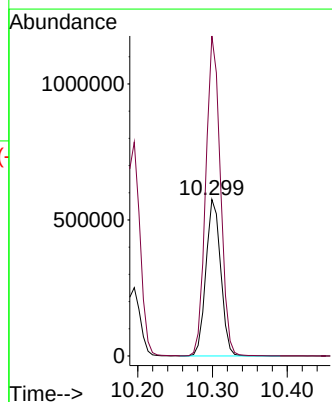
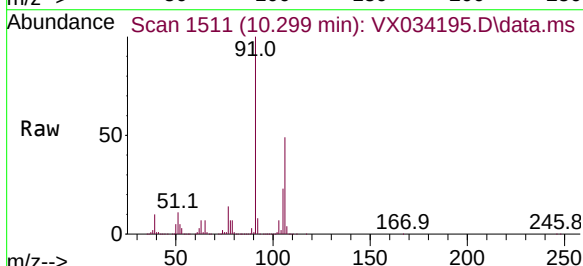
Acq: 20 Feb 2023 18:06

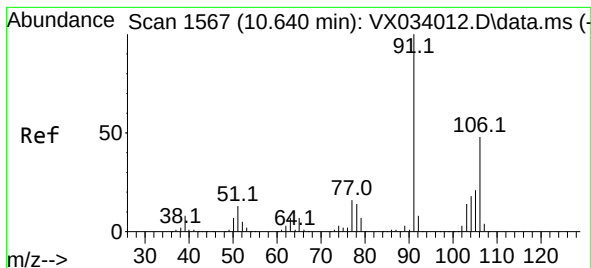
Tgt Ion:106 Resp: 788279

Ion Ratio Lower Upper

106 100

91 202.7 156.4 234.6





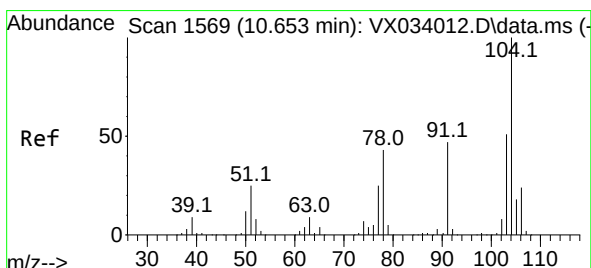
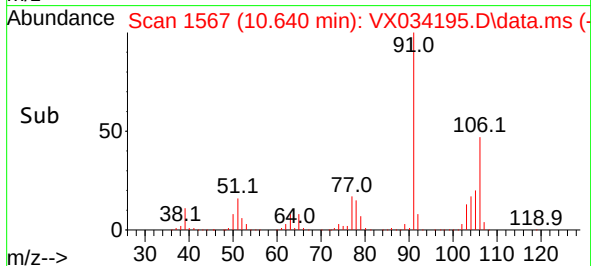
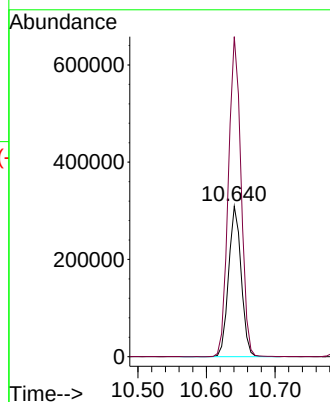
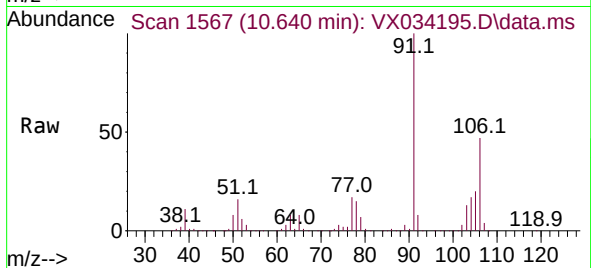
#69
o-Xylene
Concen: 50.315 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 394172
Ion Ratio Lower Upper
106 100
91 213.3 103.1 309.3

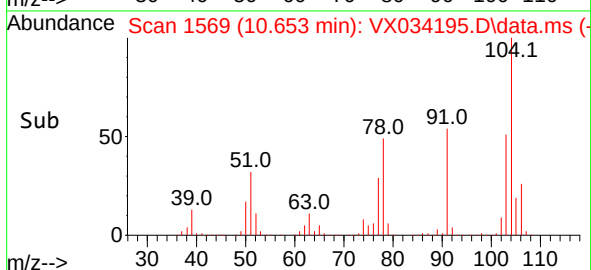
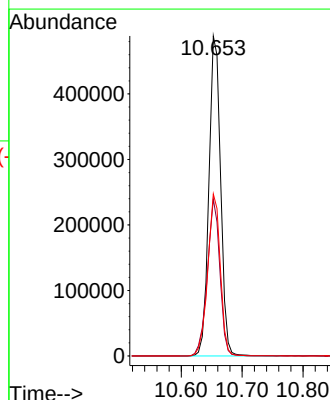
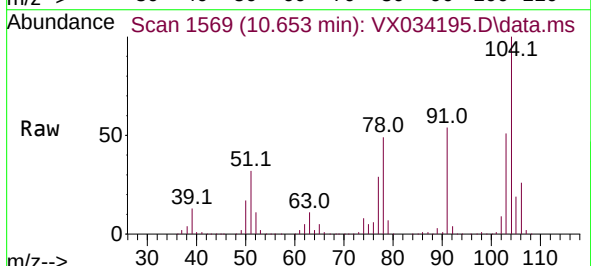
Manual Integrations
APPROVED

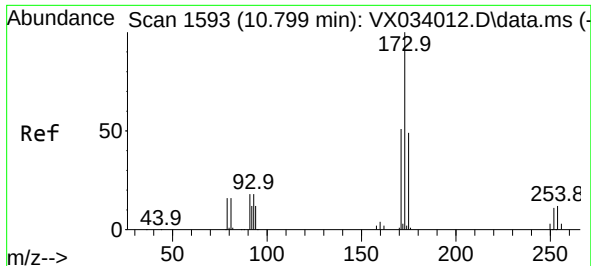
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#70
Styrene
Concen: 51.134 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

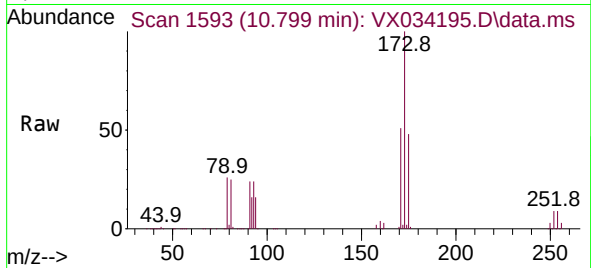
Tgt Ion:104 Resp: 651499
Ion Ratio Lower Upper
104 100
78 52.5 37.5 56.3
103 54.4 43.3 64.9





#71
Bromoform
Concen: 50.060 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

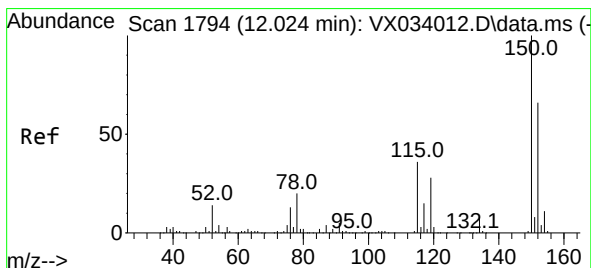
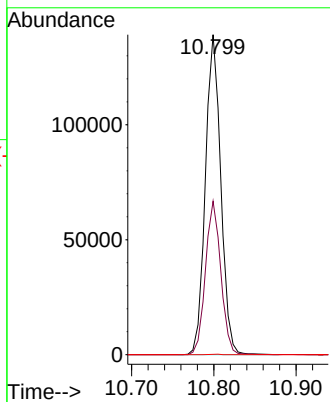
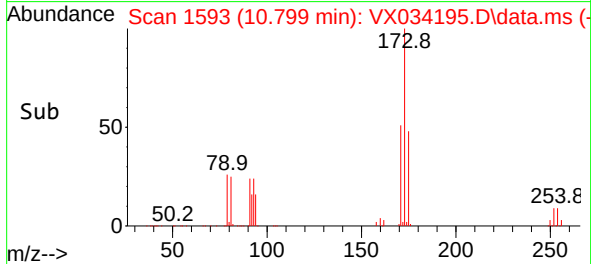
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



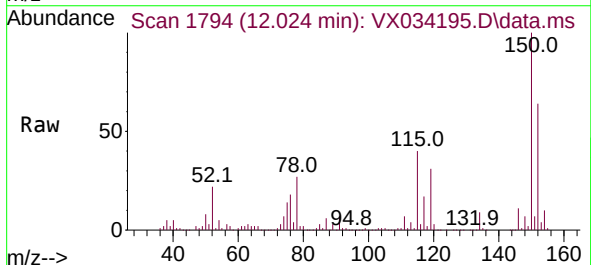
Tgt Ion:173 Resp: 181050
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

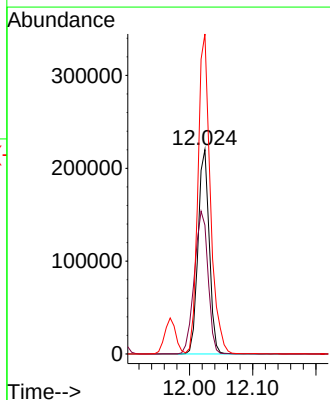
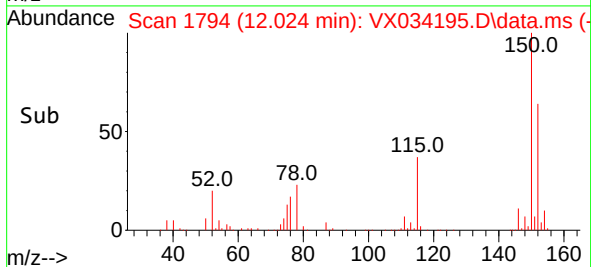
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

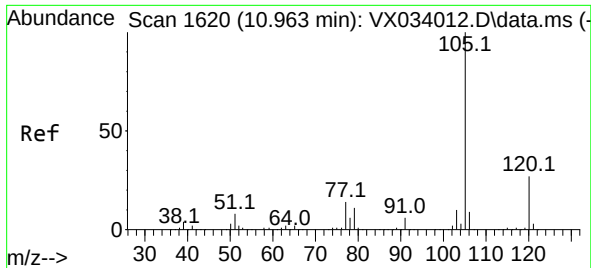


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion:152 Resp: 270401
Ion Ratio Lower Upper
152 100
115 85.7 38.7 116.1
150 173.5 0.0 348.2





#73
Isopropylbenzene
Concen: 49.315 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

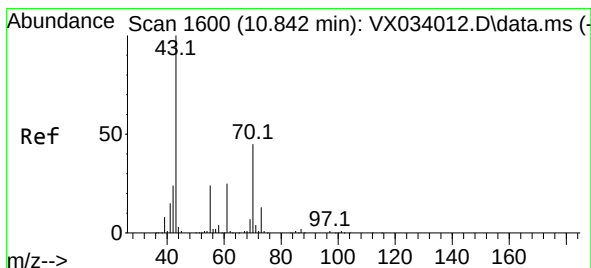
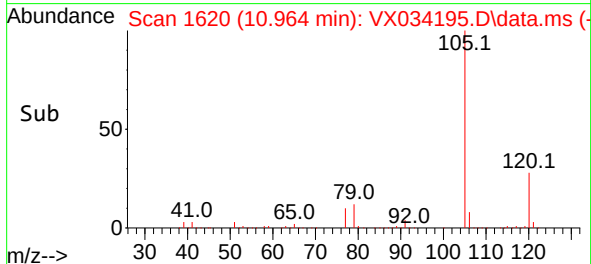
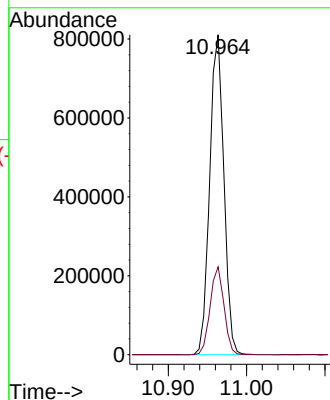
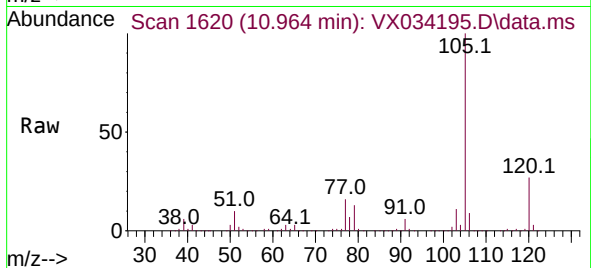
VSTDCCC050EC

Tgt Ion:105 Resp: 1016294
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8

Manual Integrations

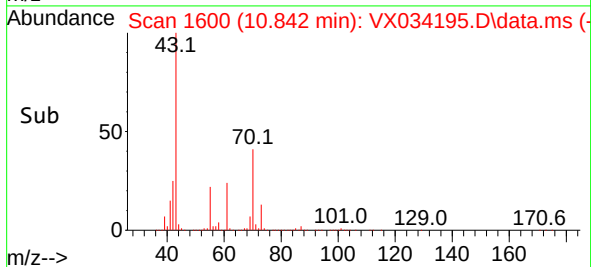
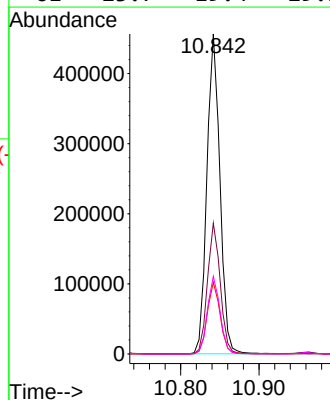
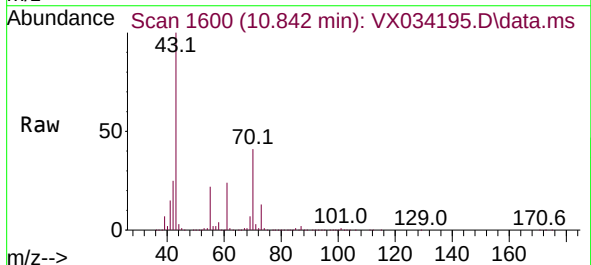
APPROVED

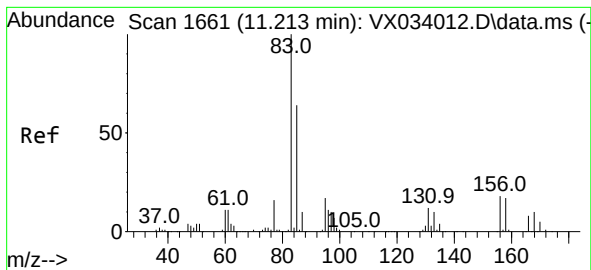
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#74
N-ethyl acetate
Concen: 50.742 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 43 Resp: 525343
Ion Ratio Lower Upper
43 100
70 40.3 34.8 52.2
55 22.1 19.4 29.0
61 23.7 19.4 29.2





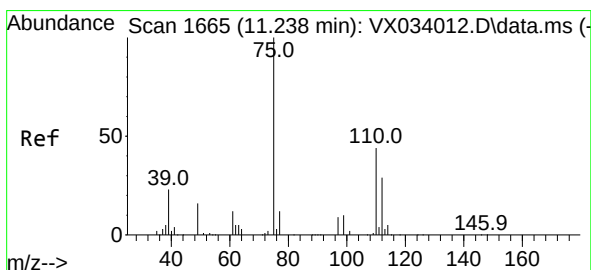
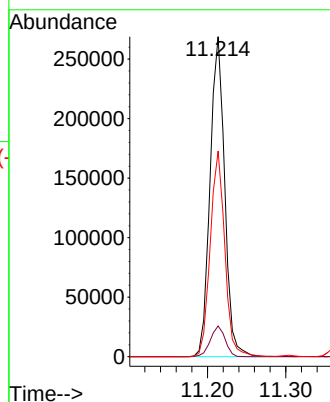
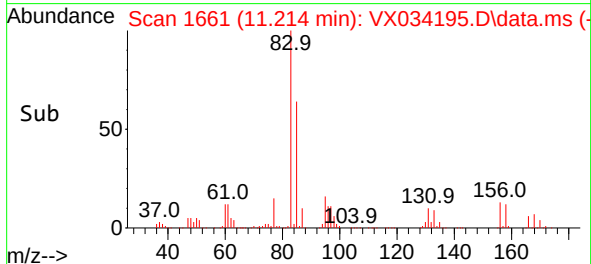
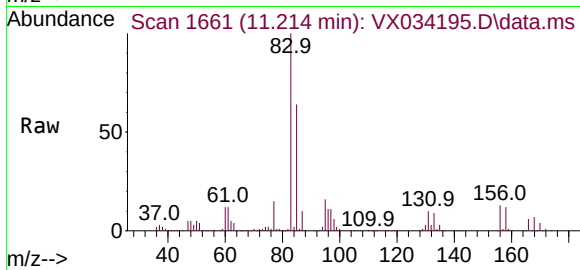
#75
1,1,2,2-Tetrachloroethane
Concen: 49.352 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 347860
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.7
85 63.9 32.3 96.9

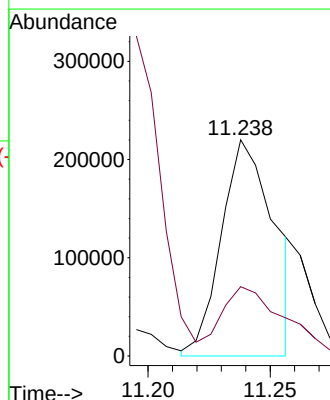
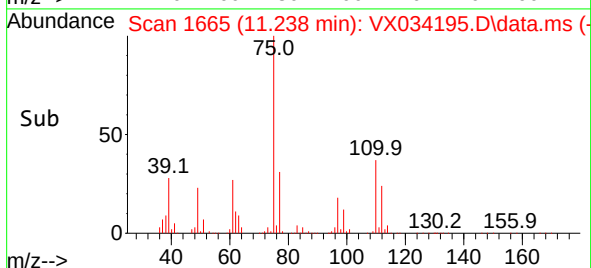
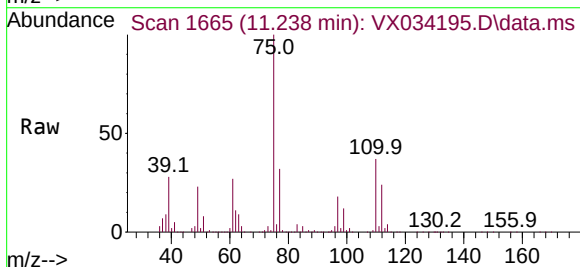
Manual Integrations
APPROVED

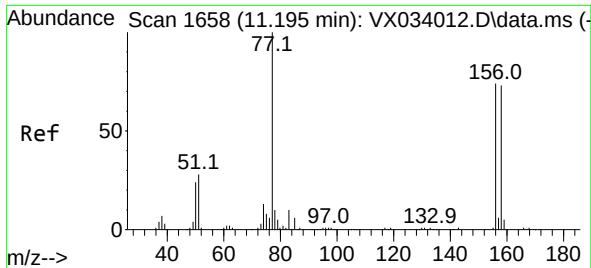
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#76
1,2,3-Trichloropropane
Concen: 48.556 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

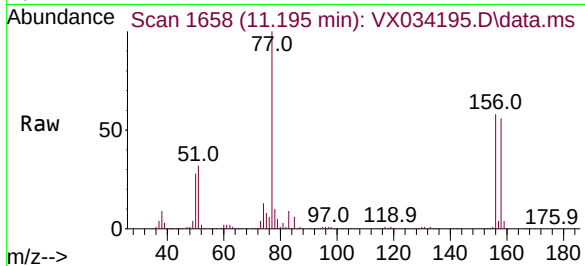
Tgt Ion: 75 Resp: 330375
Ion Ratio Lower Upper
75 100
77 38.8 21.8 65.4





#77
Bromobenzene
Concen: 49.175 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

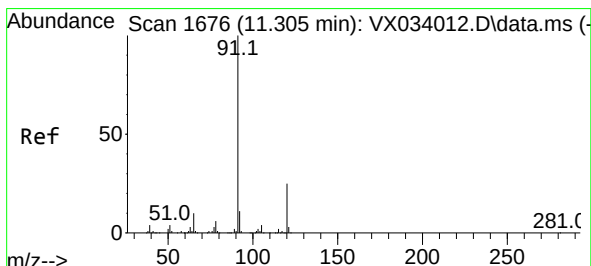
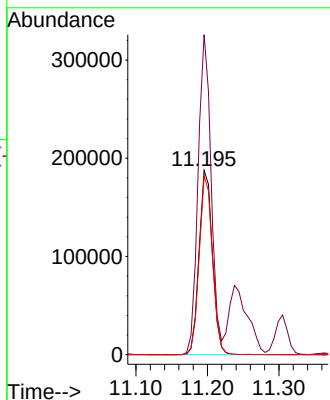
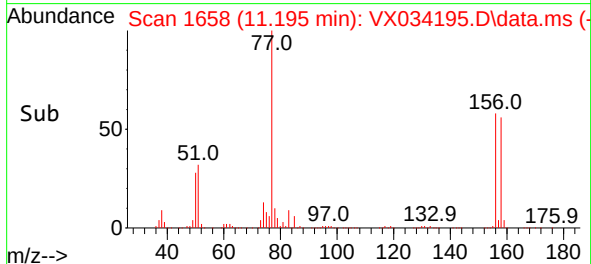
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 24387
Ion Ratio Lower Upper
156 100
77 169.0 68.1 204.3
158 96.2 48.0 144.2

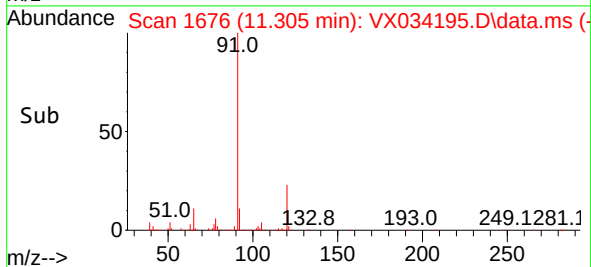
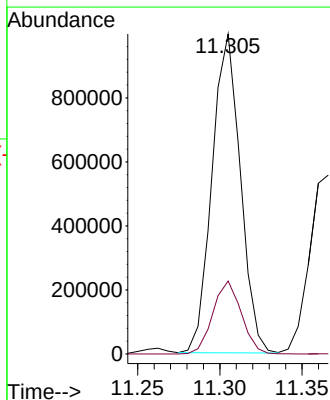
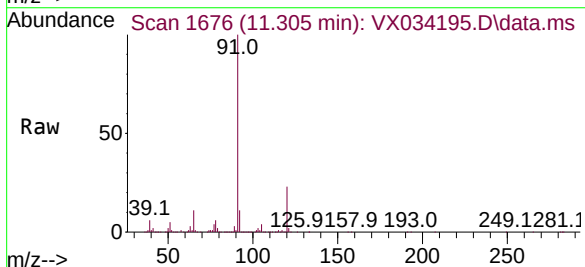
Manual Integrations
APPROVED

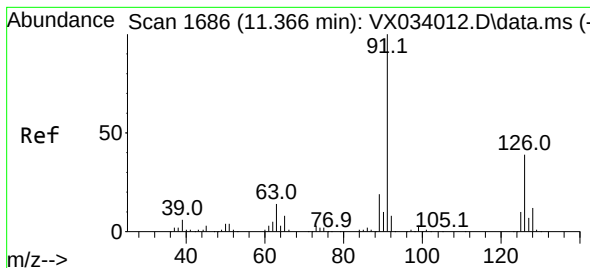
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#78
n-propylbenzene
Concen: 49.859 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

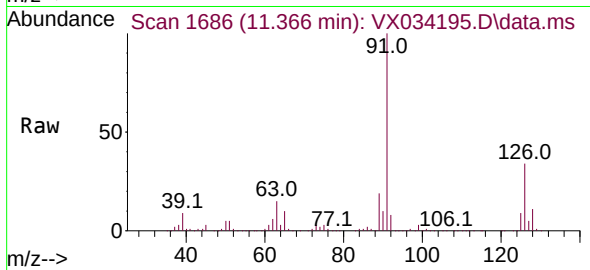
Tgt Ion: 91 Resp: 1194994
Ion Ratio Lower Upper
91 100
120 22.9 12.3 36.8





#79
2-Chlorotoluene
Concen: 48.983 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

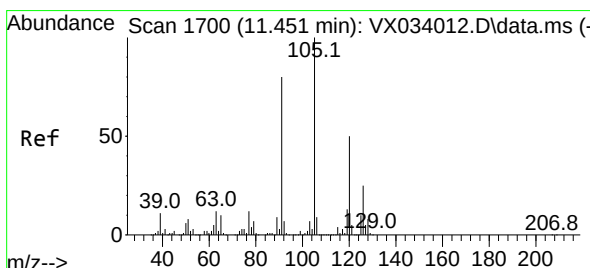
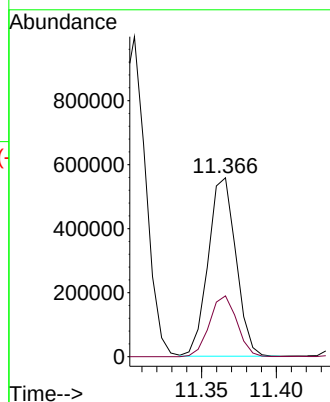
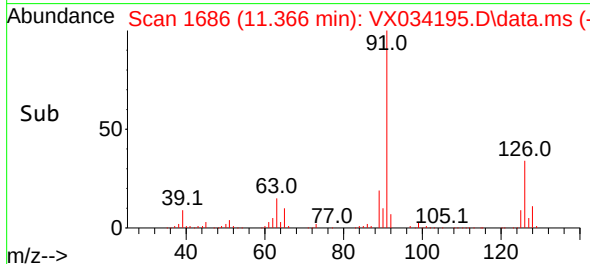
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



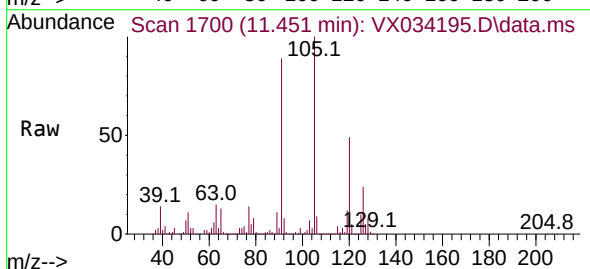
Tgt Ion: 91 Resp: 719872
Ion Ratio Lower Upper
91 100
126 33.7 18.1 54.1

Manual Integrations
APPROVED

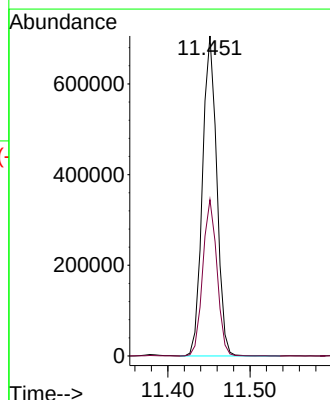
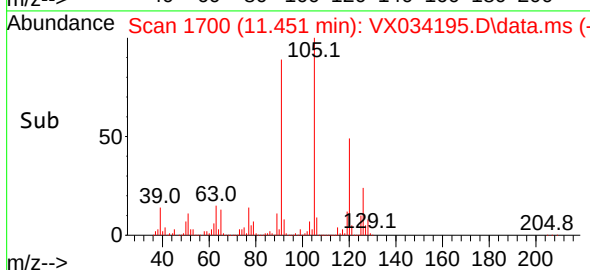
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

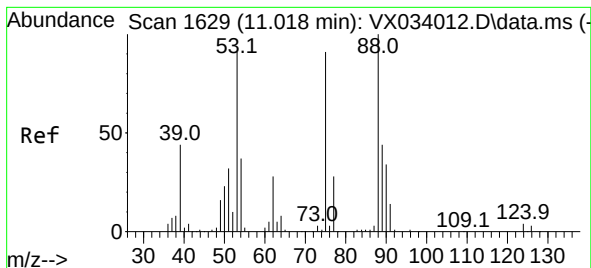


#80
1,3,5-Trimethylbenzene
Concen: 49.146 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



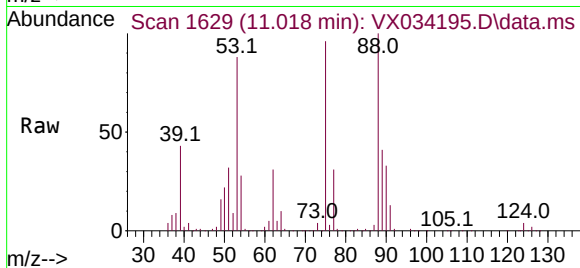
Tgt Ion:105 Resp: 851515
Ion Ratio Lower Upper
105 100
120 48.5 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.083 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

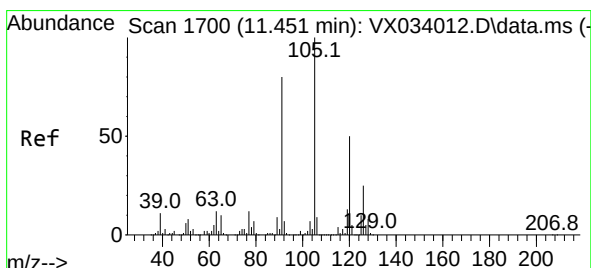
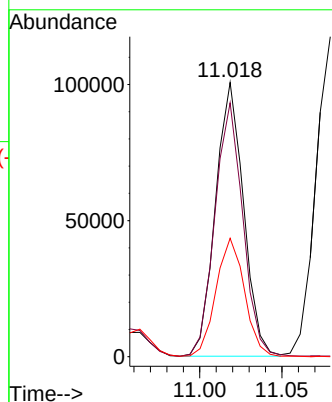
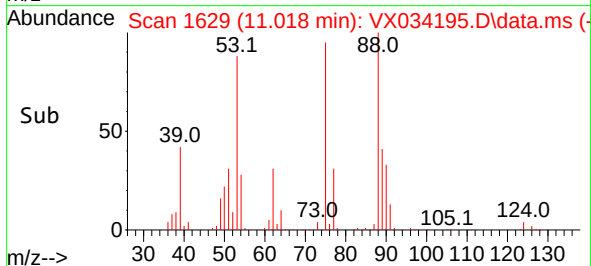
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



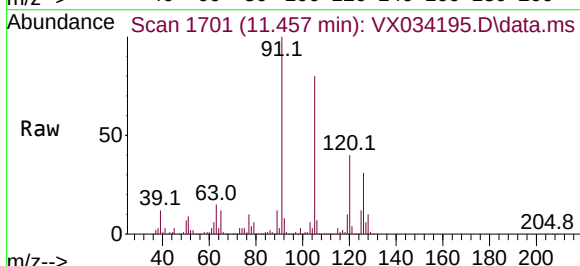
Tgt Ion: 75 Resp: 11940
Ion Ratio Lower Upper
75 100
53 92.3 83.0 124.6
89 44.1 37.7 56.5

Manual Integrations
APPROVED

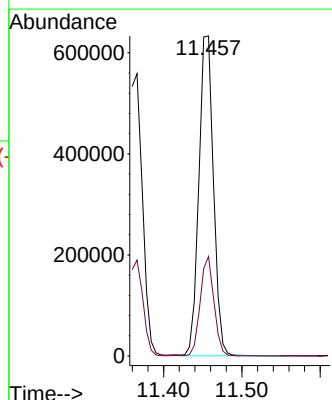
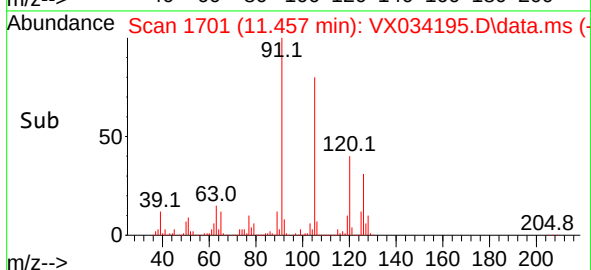
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

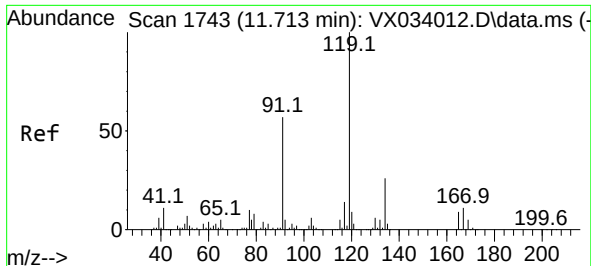


#82
4-Chlorotoluene
Concen: 49.248 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



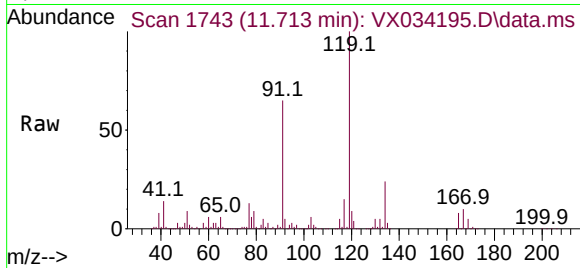
Tgt Ion: 91 Resp: 824350
Ion Ratio Lower Upper
91 100
126 29.2 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.268 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

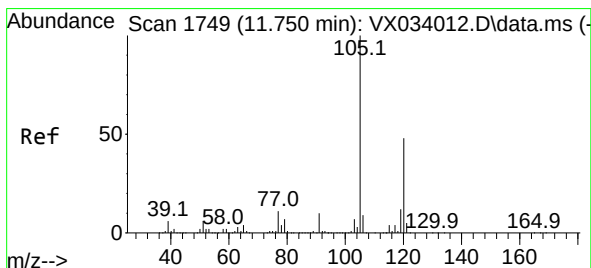
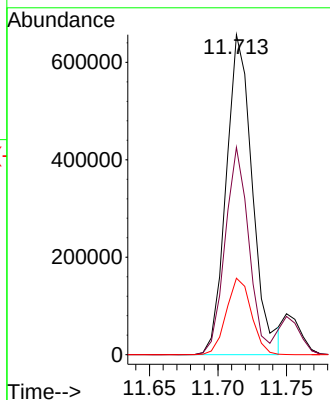
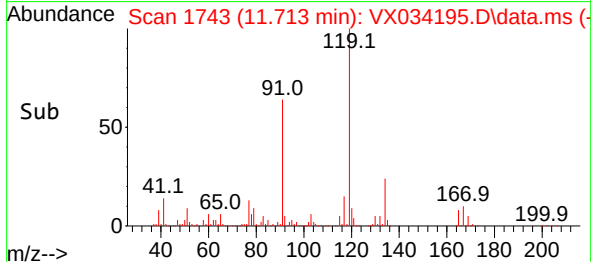
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



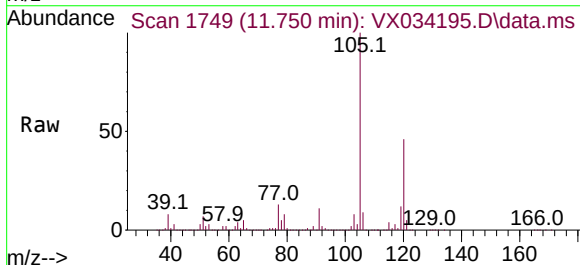
Tgt Ion:119 Resp: 87427
Ion Ratio Lower Upper
119 100
91 58.7 26.9 80.7
134 22.8 12.3 36.8

Manual Integrations
APPROVED

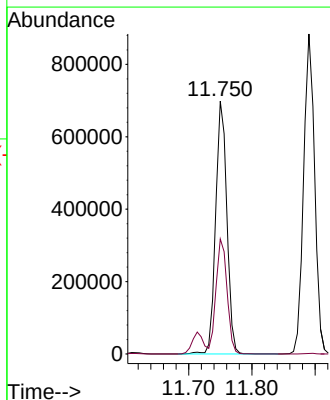
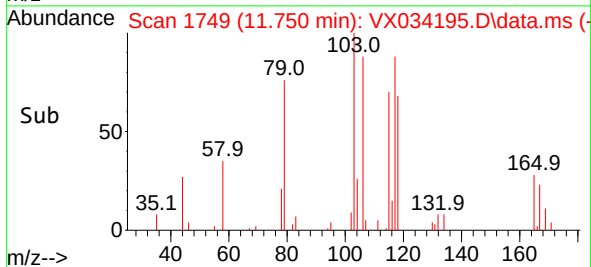
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

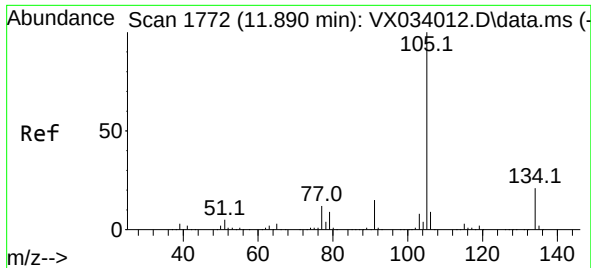


#84
1,2,4-Trimethylbenzene
Concen: 48.856 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion:105 Resp: 855881
Ion Ratio Lower Upper
105 100
120 44.7 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.300 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

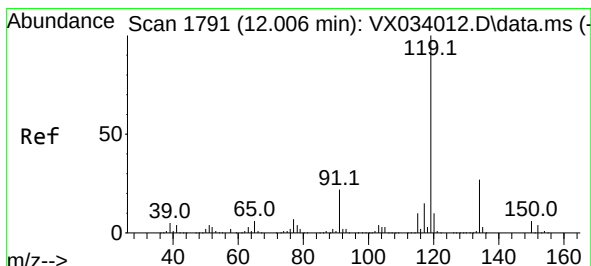
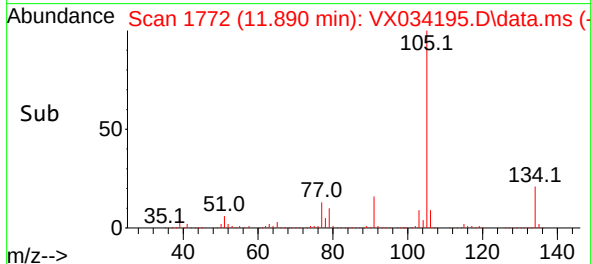
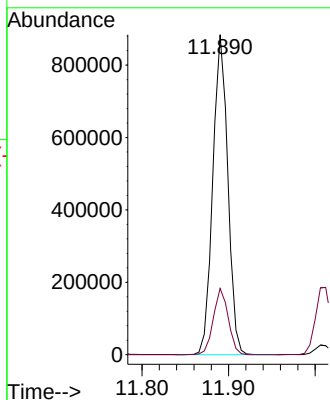
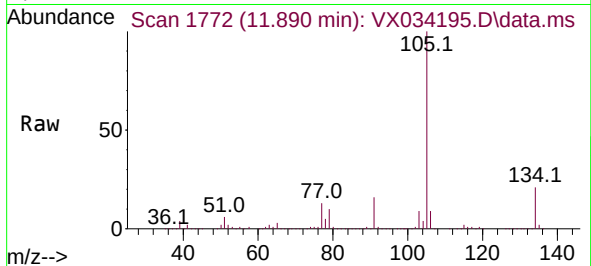
Tgt Ion:105 Resp: 1062370
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3

Manual Integrations

APPROVED

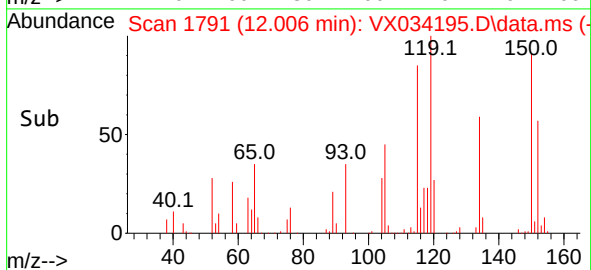
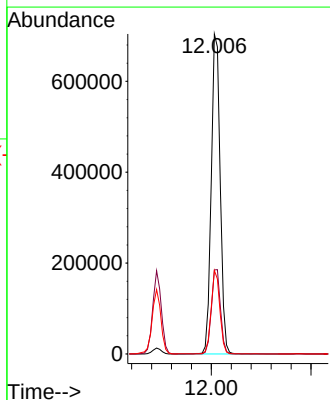
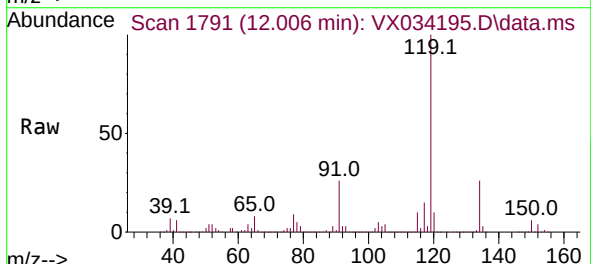
Reviewed By :John Carlone 02/21/2023

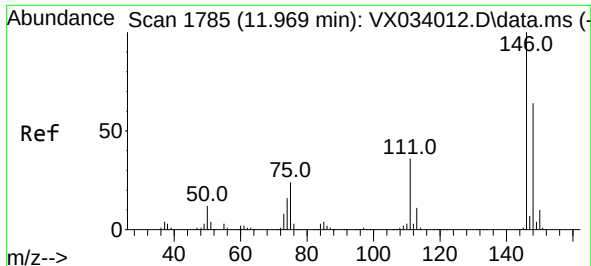
Supervised By :Mahesh Dadoda 02/21/2023



#86
 p-Isopropyltoluene
 Concen: 49.067 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion:119 Resp: 875074
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 25.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.053 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034195.D

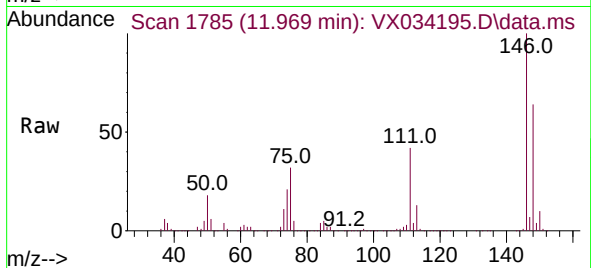
Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 45623

Ion Ratio Lower Upper

146 100

111 41.9 18.6 55.6

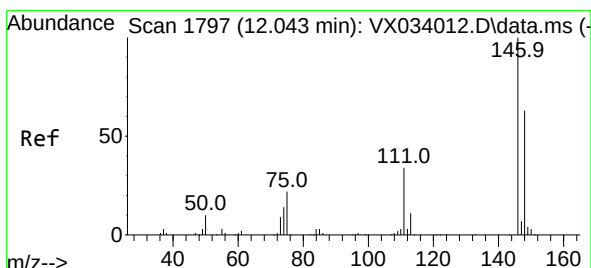
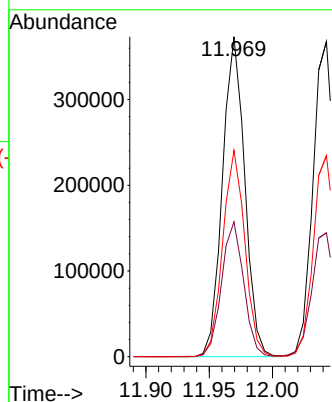
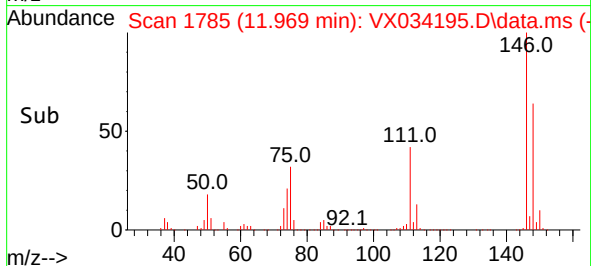
148 64.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#88

1,4-Dichlorobenzene

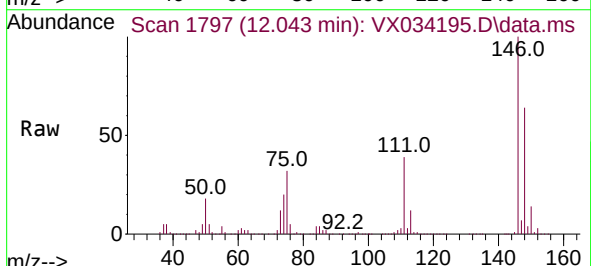
Concen: 48.701 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06



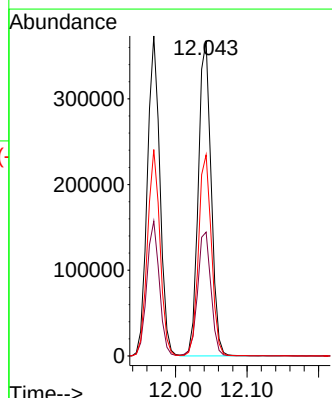
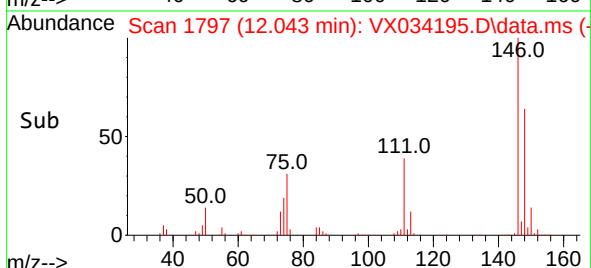
Tgt Ion:146 Resp: 456876

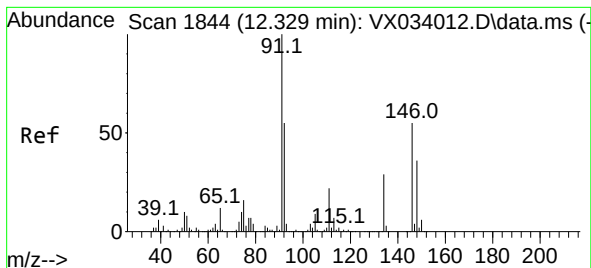
Ion Ratio Lower Upper

146 100

111 40.8 17.8 53.4

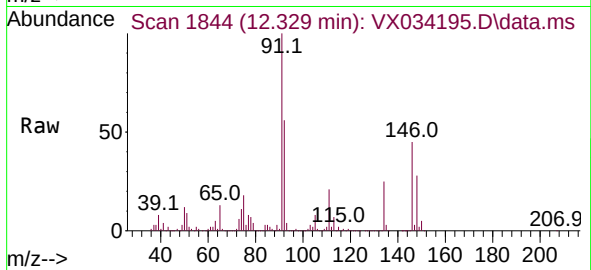
148 64.1 32.1 96.3





#89
n-Butylbenzene
Concen: 49.135 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

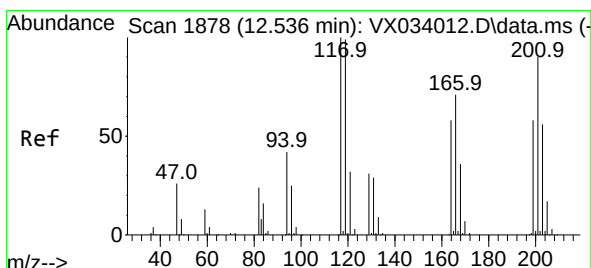
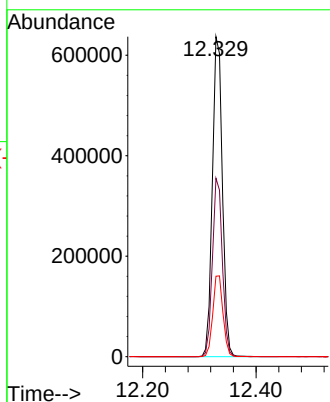
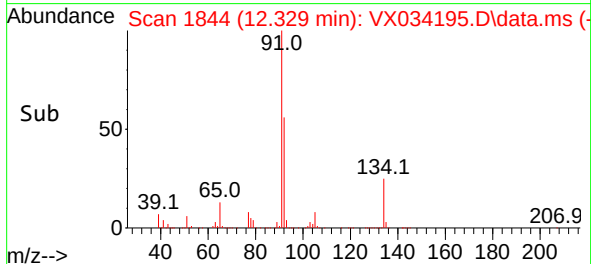
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 780470
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 25.8 14.3 42.9

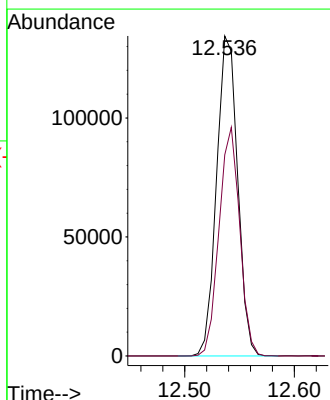
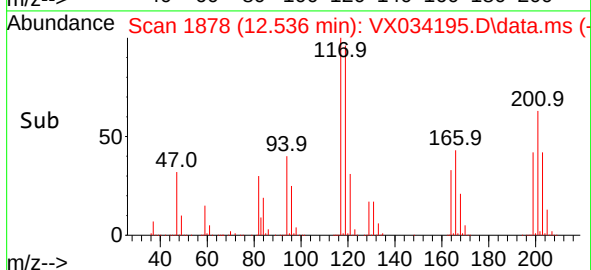
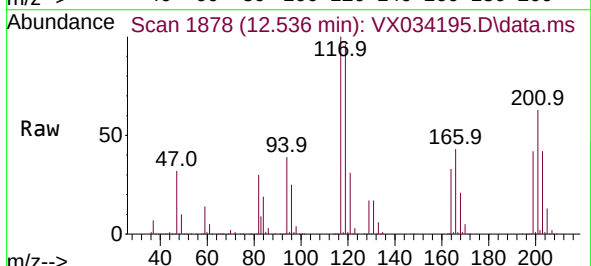
Manual Integrations
APPROVED

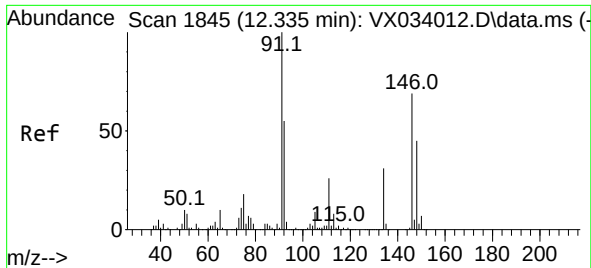
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#90
Hexachloroethane
Concen: 48.121 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

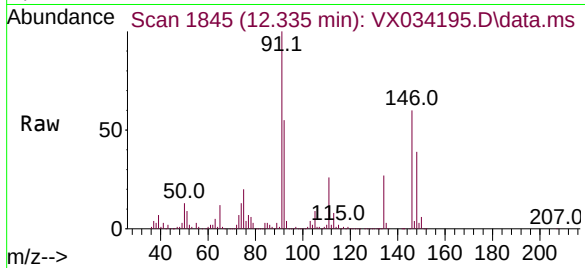
Tgt Ion:117 Resp: 179436
Ion Ratio Lower Upper
117 100
201 70.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 49.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

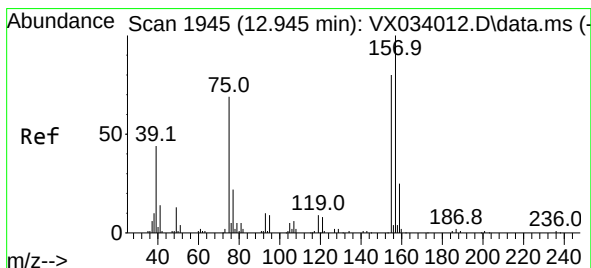
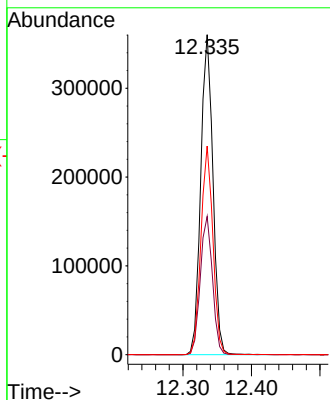
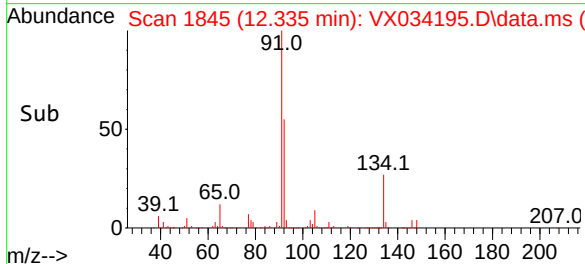
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



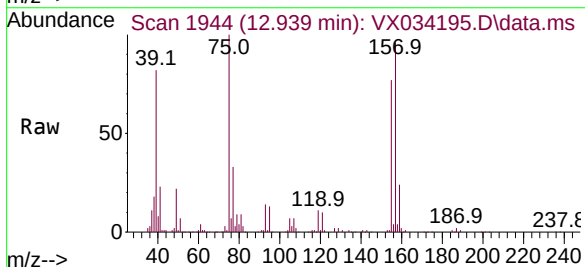
Tgt Ion:146 Resp: 446178
Ion Ratio Lower Upper
146 100
111 43.2 19.3 57.8
148 64.1 32.3 96.9

Manual Integrations
APPROVED

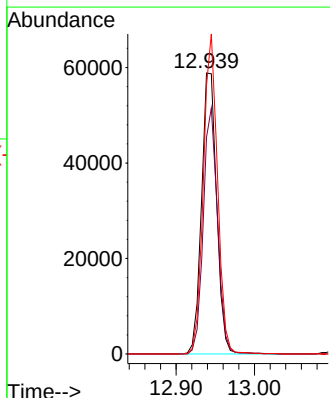
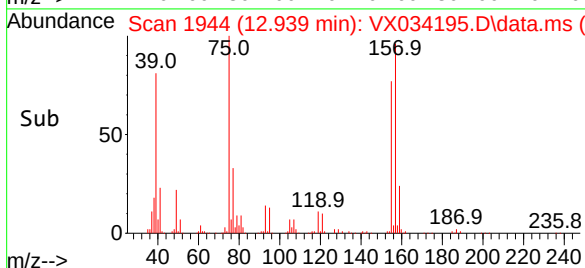
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

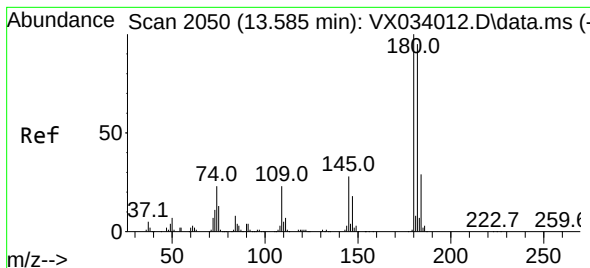


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.906 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06



Tgt Ion: 75 Resp: 78840
Ion Ratio Lower Upper
75 100
155 82.6 51.7 155.1
157 106.5 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 48.592 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 28388

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

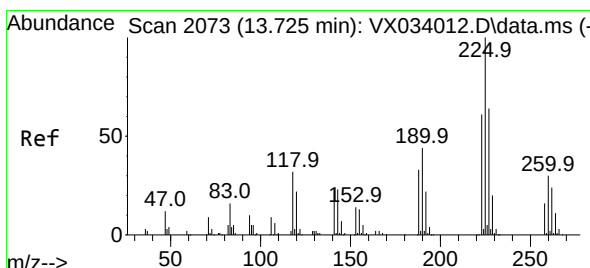
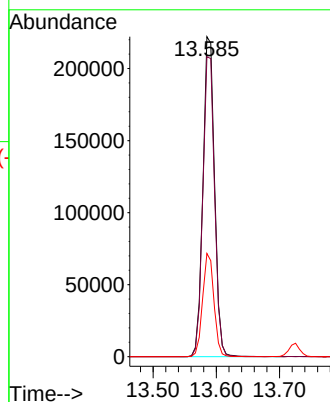
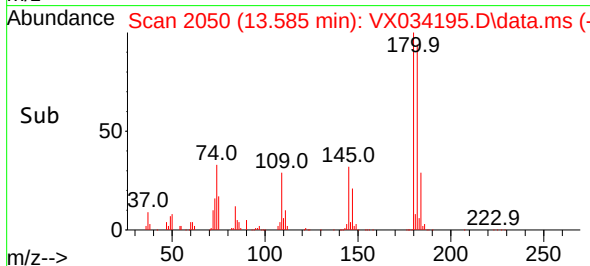
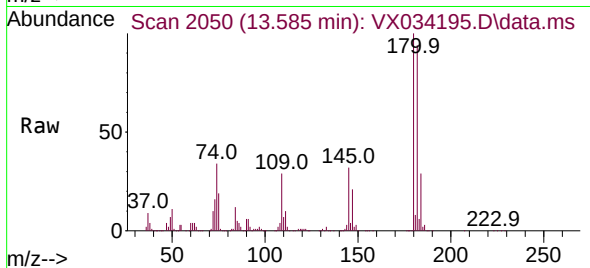
145 31.5 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#94

Hexachlorobutadiene

Concen: 46.277 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

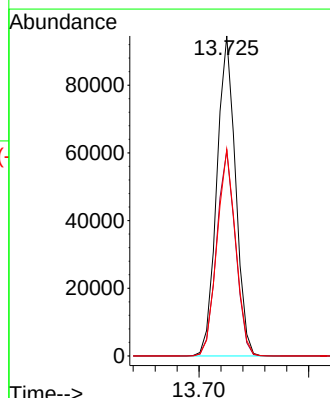
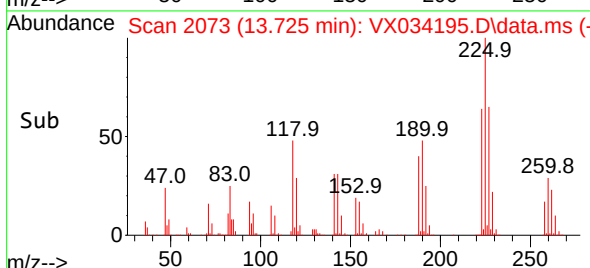
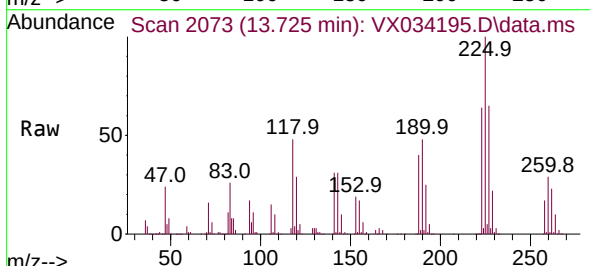
Tgt Ion:225 Resp: 112080

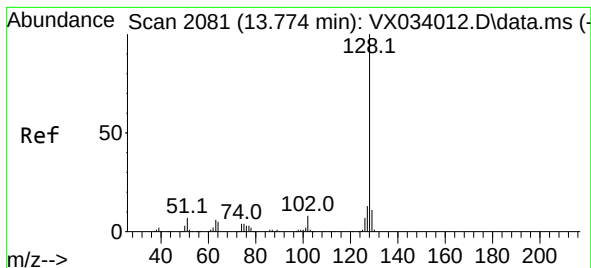
Ion Ratio Lower Upper

225 100

223 64.5 31.3 93.9

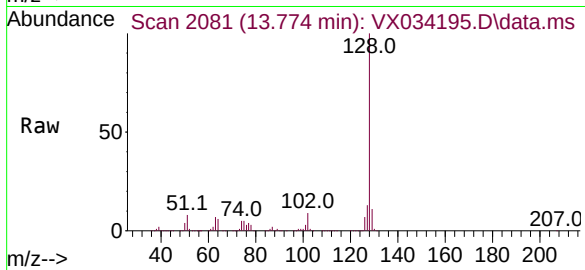
227 64.6 32.3 96.9





#95
Naphthalene
Concen: 49.381 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

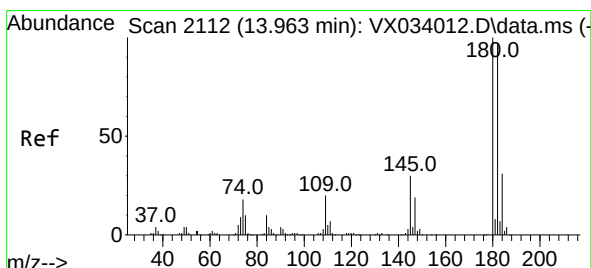
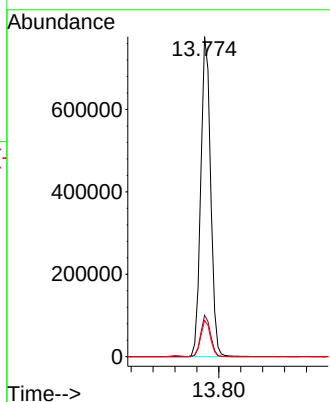
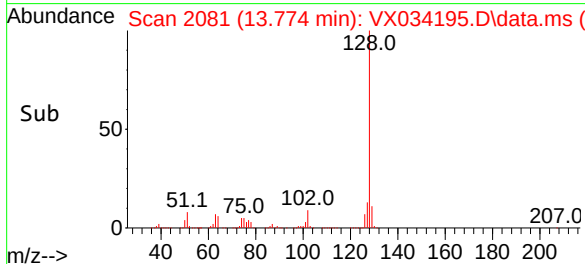
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 971870
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.372 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:180 Resp: 280564
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 34.1 15.1 45.3

