

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034025.D
 Acq On : 06 Feb 2023 14:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:48:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70664	46.795	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.385	113	66323	48.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	238071	48.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	84929	48.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68386	53.707	ug/l	99
3) Chloromethane	1.295	50	62453	51.974	ug/l	99
4) Vinyl Chloride	1.374	62	63623	50.558	ug/l	98
5) Bromomethane	1.605	94	31661	48.858	ug/l	98
6) Chloroethane	1.685	64	36692	52.728	ug/l	98
7) Trichlorofluoromethane	1.886	101	105092	52.488	ug/l	99
8) Diethyl Ether	2.130	74	35320	51.287	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	69862	52.261	ug/l	92
10) Methyl Iodide	2.453	142	96422	50.913	ug/l	92
11) Tert butyl alcohol	2.959	59	57882	273.591	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	65600	51.149	ug/l	91
13) Acrolein	2.233	56	66889	235.722	ug/l	99
14) Allyl chloride	2.666	41	109778	52.498	ug/l	89
15) Acrylonitrile	3.056	53	175040	257.924	ug/l	100
16) Acetone	2.374	43	144116	225.961	ug/l	90
17) Carbon Disulfide	2.514	76	165969	51.006	ug/l	98
18) Methyl Acetate	2.697	43	104317	52.580	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	206641	52.250	ug/l	98
20) Methylene Chloride	2.788	84	71972	49.325	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	71773	51.381	ug/l	98
22) Diisopropyl ether	3.757	45	212989	51.614	ug/l	89
23) Vinyl Acetate	3.715	43	823488	262.063	ug/l	98
24) 1,1-Dichloroethane	3.605	63	122672	51.574	ug/l	98
25) 2-Butanone	4.544	43	229844	247.489	ug/l	97
26) 2,2-Dichloropropane	4.471	77	87901	50.662	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	82944	51.621	ug/l	94
28) Bromochloromethane	4.891	49	49432	47.269	ug/l	88
29) Tetrahydrofuran	4.995	42	149749	253.525	ug/l	94
30) Chloroform	5.093	83	126192	50.906	ug/l	97
31) Cyclohexane	5.471	56	112737	51.265	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	112361	52.631	ug/l	98
36) 1,1-Dichloropropene	5.690	75	96103	51.210	ug/l	98
37) Ethyl Acetate	4.709	43	92449	52.882	ug/l	99
38) Carbon Tetrachloride	5.678	117	105625	52.772	ug/l	99
39) Methylcyclohexane	7.379	83	123300	52.196	ug/l	95
40) Benzene	6.038	78	283786	52.264	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51380	52.224	ug/l	97
42) 1,2-Dichloroethane	6.080	62	97556	52.873	ug/l	98
43) Isopropyl Acetate	6.336	43	145260	53.279	ug/l	98
44) Trichloroethene	7.123	130	86890	52.067	ug/l	96
45) 1,2-Dichloropropane	7.428	63	70607	52.667	ug/l	98
46) Dibromomethane	7.580	93	50552	52.632	ug/l	95
47) Bromodichloromethane	7.818	83	97703	53.683	ug/l	98
48) Methyl methacrylate	7.690	41	74572	52.976	ug/l	95
49) 1,4-Dioxane	7.665	88	33068	1220.405	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	447394	261.612	ug/l	97
52) Toluene	8.714	92	184124	52.324	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	100495	54.928	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	113043	54.307	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	73730	52.456	ug/l	98
56) Ethyl methacrylate	9.116	69	106499	54.250	ug/l	95
57) 1,3-Dichloropropane	9.305	76	119563	52.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	235869	258.235	ug/l	97
59) 2-Hexanone	9.427	43	328379	262.389	ug/l	97
60) Dibromochloromethane	9.519	129	83718	53.741	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79282	52.456	ug/l	98
64) Tetrachloroethene	9.275	164	79834	50.803	ug/l	98
65) Chlorobenzene	10.079	112	203276	52.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	78653	53.549	ug/l	99
67) Ethyl Benzene	10.195	91	346758	52.708	ug/l	98
68) m/p-Xylenes	10.299	106	275062	104.599	ug/l	100
69) o-Xylene	10.640	106	134088	53.092	ug/l	99
70) Styrene	10.653	104	224818	54.047	ug/l	100
71) Bromoform	10.799	173	67336	56.203	ug/l #	100
73) Isopropylbenzene	10.964	105	353318	52.359	ug/l	100
74) N-amyl acetate	10.842	43	119534	53.770	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	100865	49.678	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83070m	47.914	ug/l	
77) Bromobenzene	11.195	156	96262	51.444	ug/l	96
78) n-propylbenzene	11.305	91	394760	52.909	ug/l	99
79) 2-Chlorotoluene	11.366	91	232828	51.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	294002	52.342	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29380	52.188	ug/l	97
82) 4-Chlorotoluene	11.451	91	267532	52.358	ug/l	99
83) tert-Butylbenzene	11.713	119	303258	52.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	295079	52.584	ug/l	100
85) sec-Butylbenzene	11.890	105	368063	53.012	ug/l	99
86) p-Isopropyltoluene	12.006	119	321685	52.826	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	179046	52.147	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	178792	51.290	ug/l	100
89) n-Butylbenzene	12.329	91	257828	54.003	ug/l	99
90) Hexachloroethane	12.536	117	52585	54.853	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	171249	51.140	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21669	54.274	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	127740	53.990	ug/l	100
94) Hexachlorobutadiene	13.725	225	59869	51.121	ug/l	99
95) Naphthalene	13.774	128	349153	53.711	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126236	53.115	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

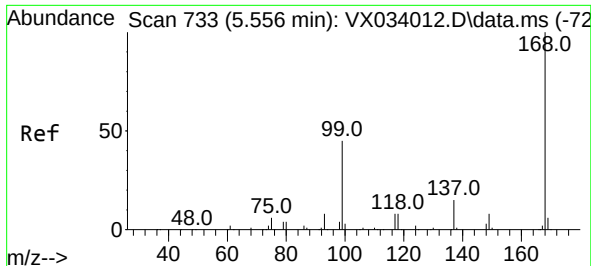
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

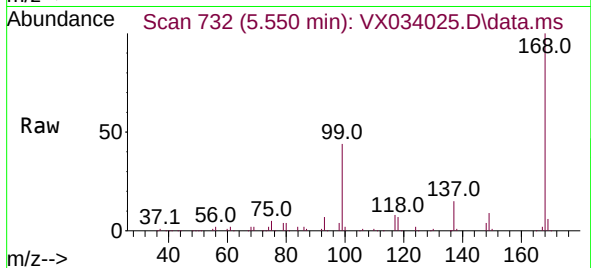
Quant Time: Feb 07 00:48:11 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

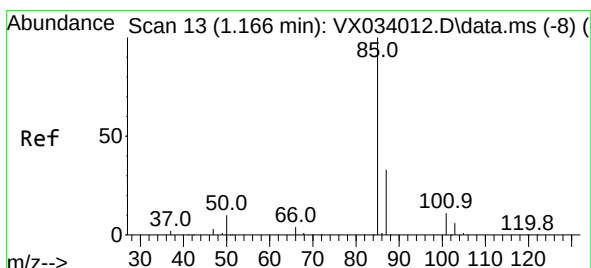
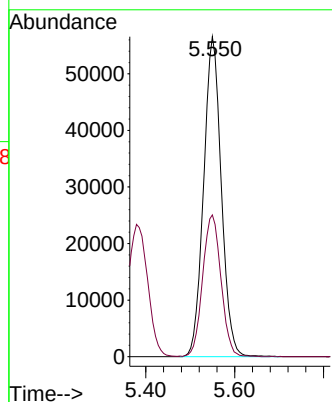
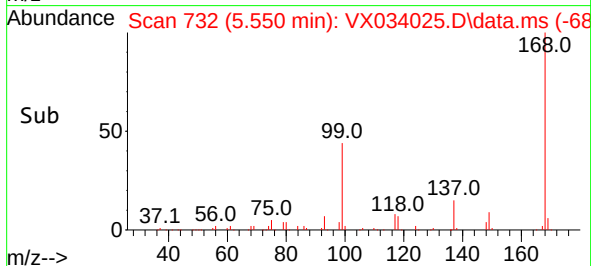
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 156638
Ion Ratio Lower Upper
168 100
99 44.2 39.6 59.4

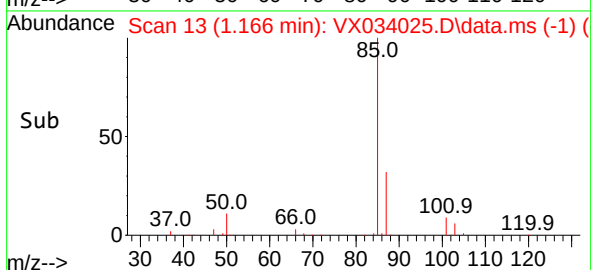
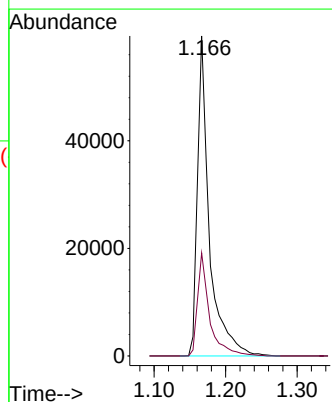
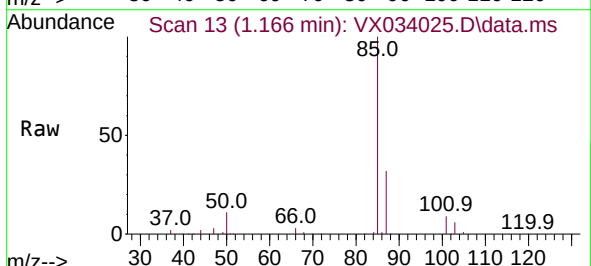
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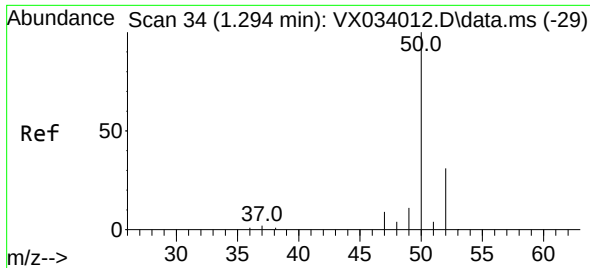
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#2
Dichlorodifluoromethane
Concen: 53.707 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

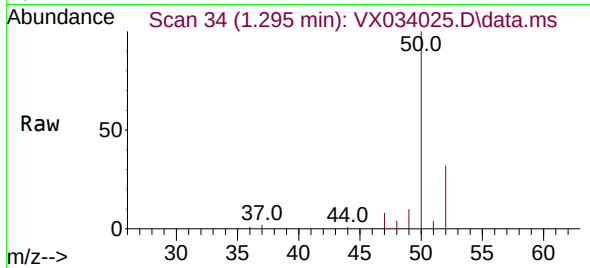
Tgt Ion: 85 Resp: 68386
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 51.974 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

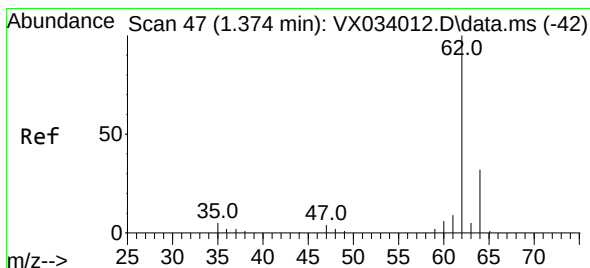
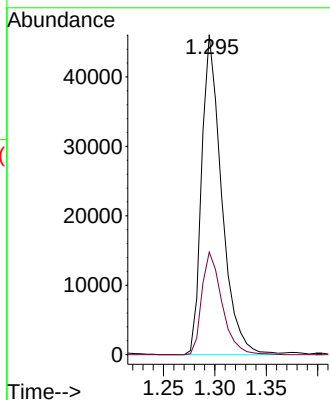
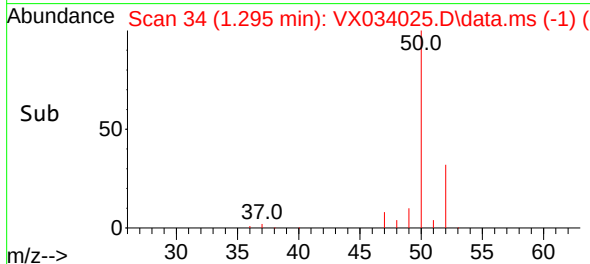
Instrument :
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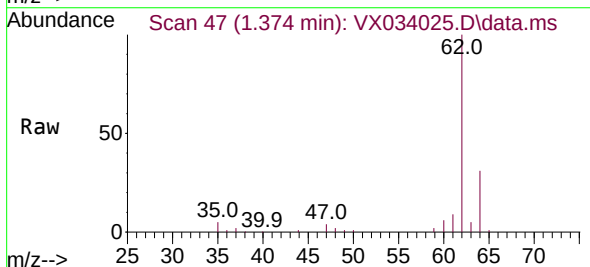
Tgt Ion: 50 Resp: 6245
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8

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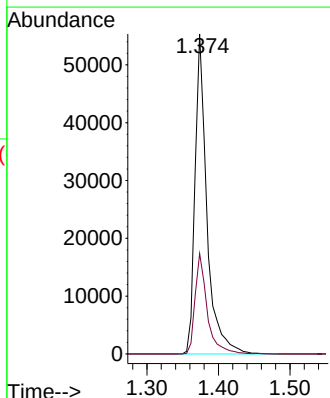
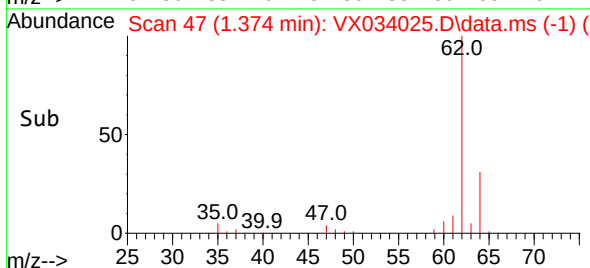
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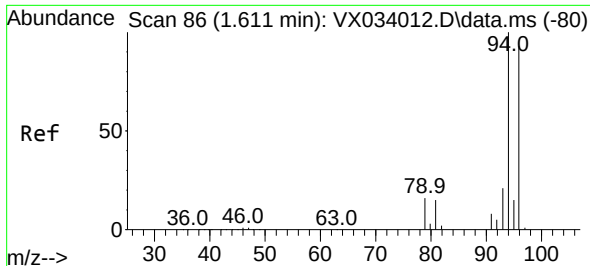


#4
Vinyl Chloride
Concen: 50.558 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



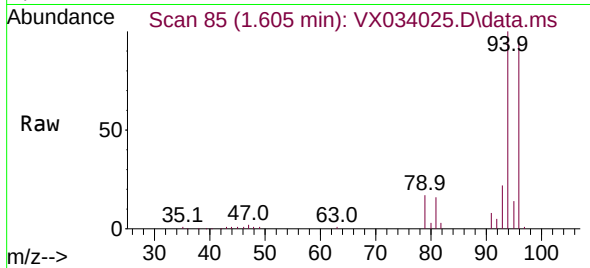
Tgt Ion: 62 Resp: 63623
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.4





#5
Bromomethane
Concen: 48.858 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

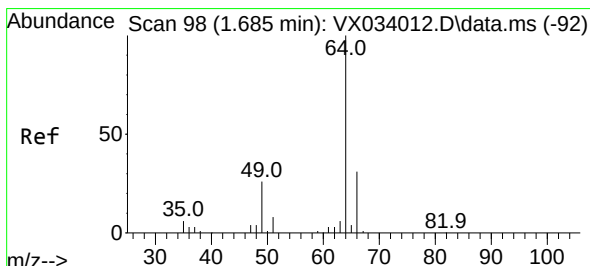
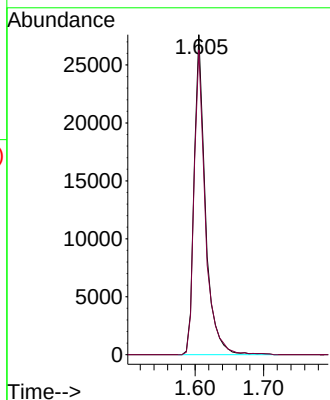
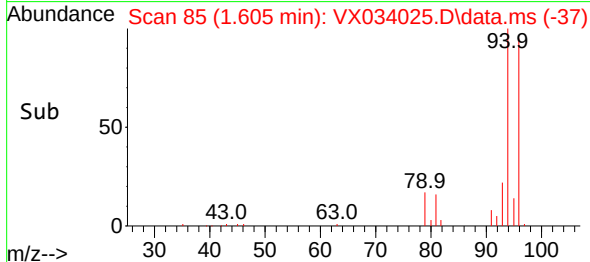
Instrument :
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Tgt Ion: 94 Resp: 3166
Ion Ratio Lower Upper
94 100
96 95.2 74.3 111.5

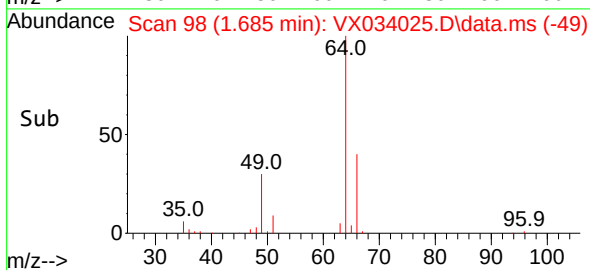
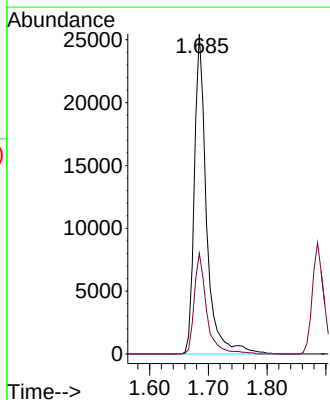
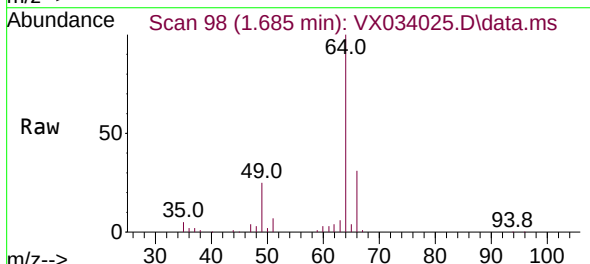
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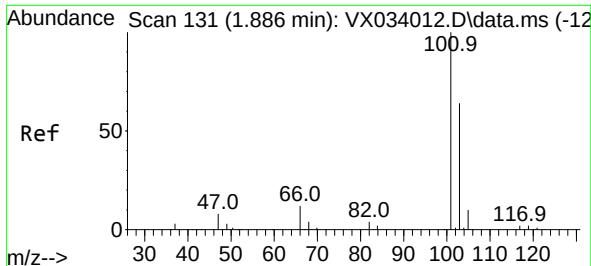
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#6
Chloroethane
Concen: 52.728 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

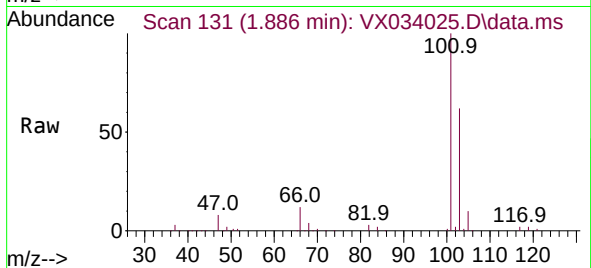
Tgt Ion: 64 Resp: 36692
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 52.488 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034025.D
 Acq: 06 Feb 2023 14:14

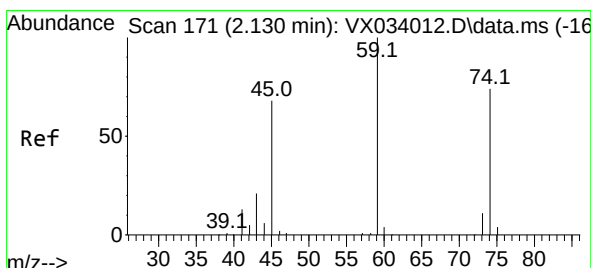
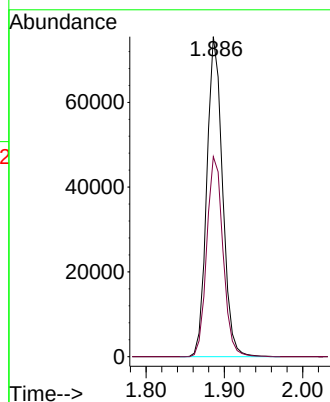
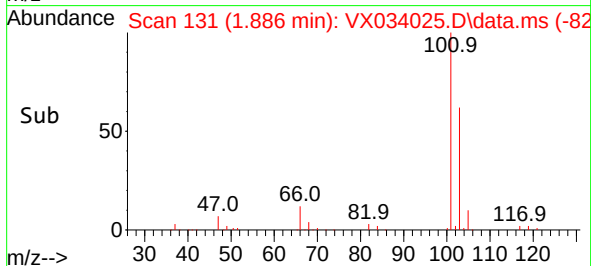
Instrument :
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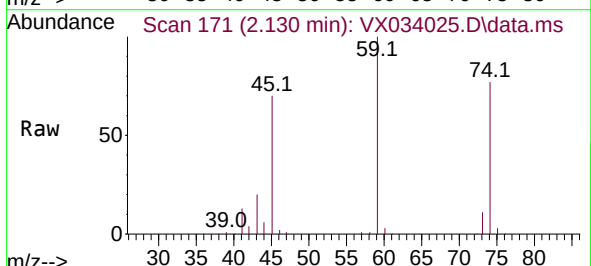
Tgt Ion:101 Resp: 105092
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.6 75.8

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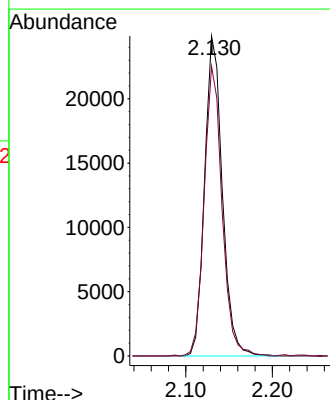
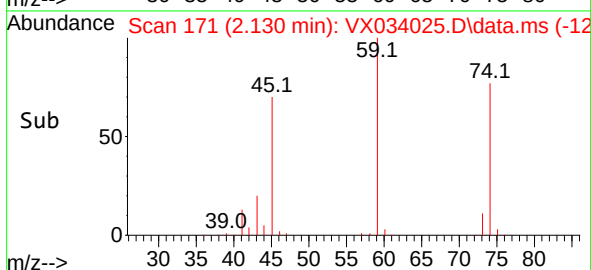
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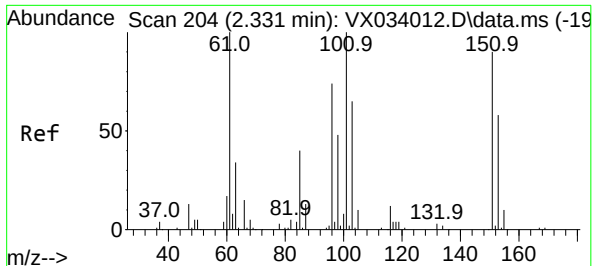


#8
 Diethyl Ether
 Concen: 51.287 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 35320
 Ion Ratio Lower Upper
 74 100
 45 91.7 51.5 154.5





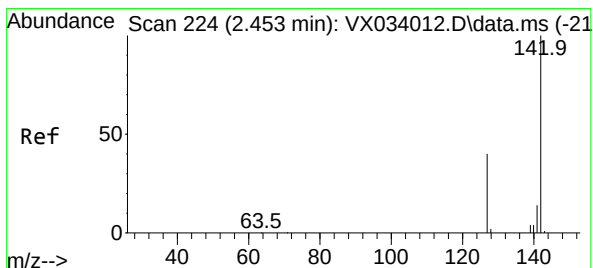
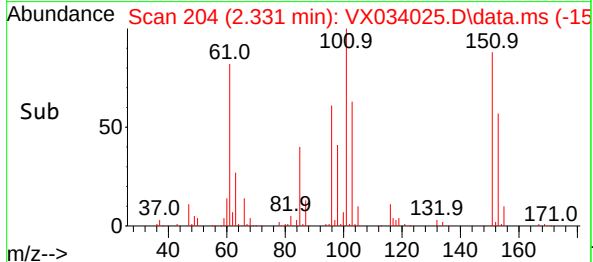
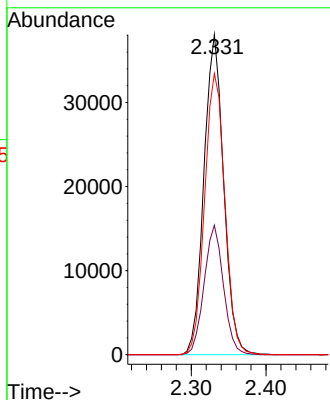
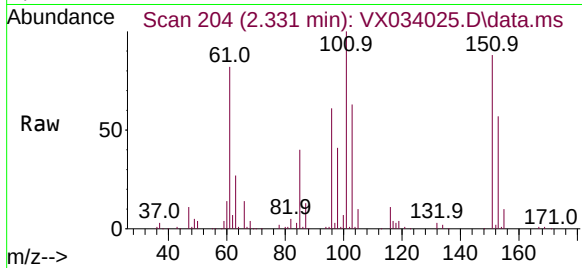
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.261 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 69862
Ion Ratio Lower Upper
101 100
85 39.6 36.7 55.1
151 90.1 66.5 99.7

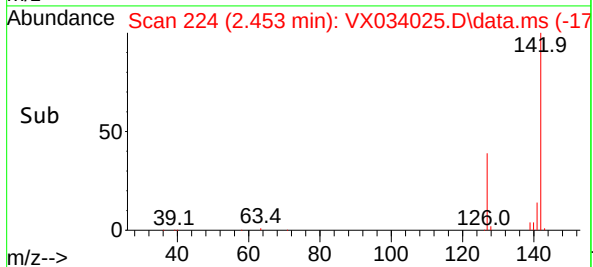
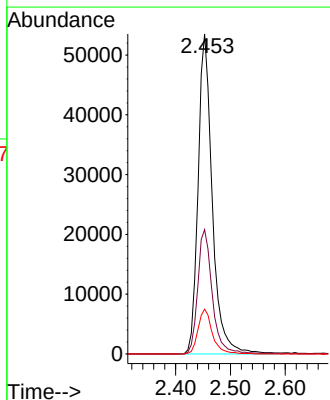
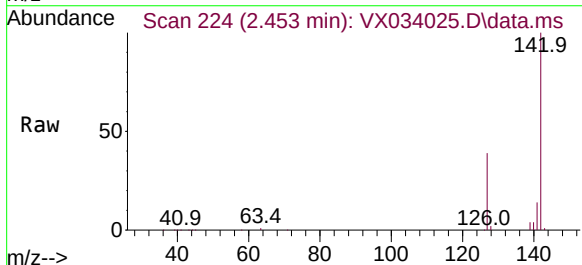
Manual Integrations
APPROVED

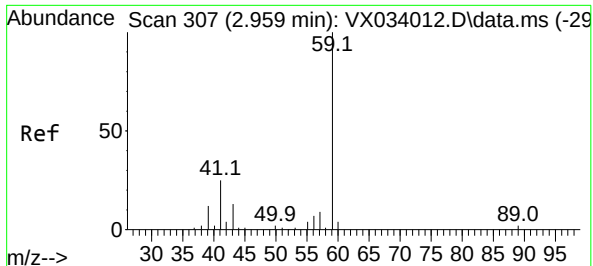
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#10
Methyl Iodide
Concen: 50.913 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

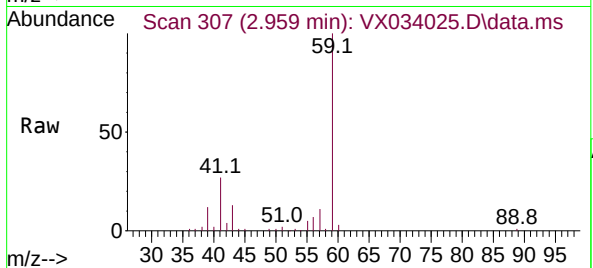
Tgt Ion:142 Resp: 96422
Ion Ratio Lower Upper
142 100
127 39.8 37.3 55.9
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 273.591 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

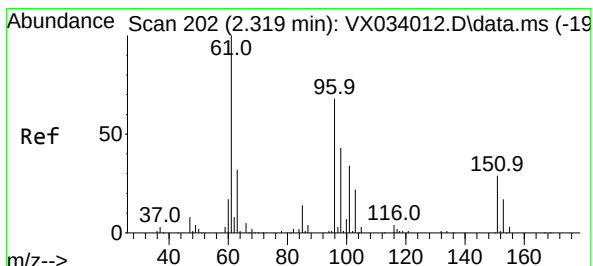
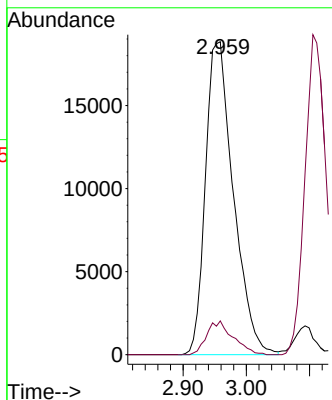
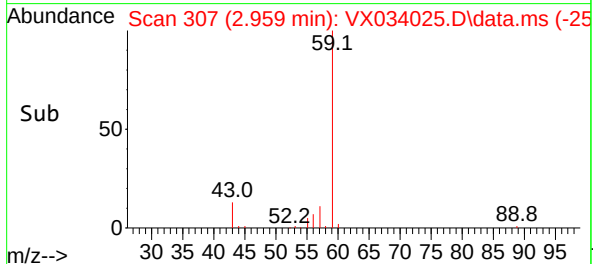
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



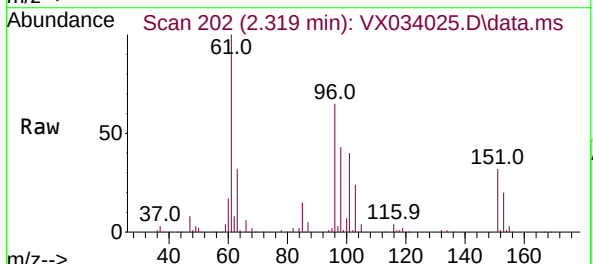
Tgt Ion: 59 Resp: 5788
Ion Ratio Lower Upper
59 100
57 10.2 3.7 5.5

Manual Integrations
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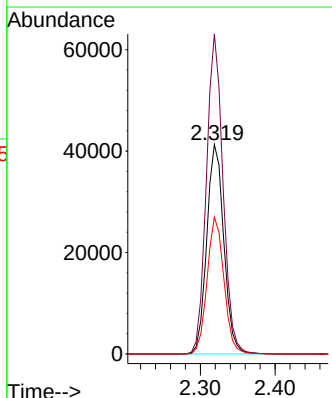
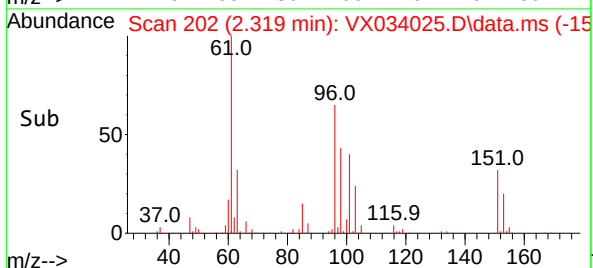
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

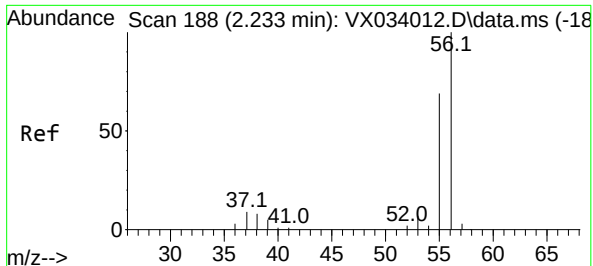


#12
1,1-Dichloroethene
Concen: 51.149 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



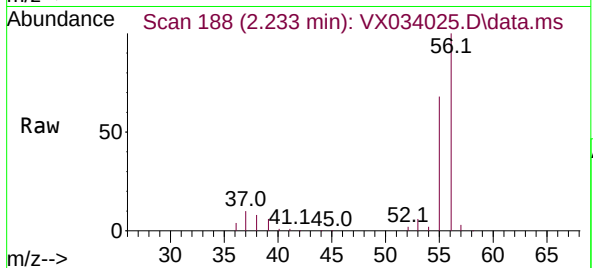
Tgt Ion: 96 Resp: 65600
Ion Ratio Lower Upper
96 100
61 152.8 134.2 201.4
98 65.4 50.2 75.2





#13
Acrolein
Concen: 235.722 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

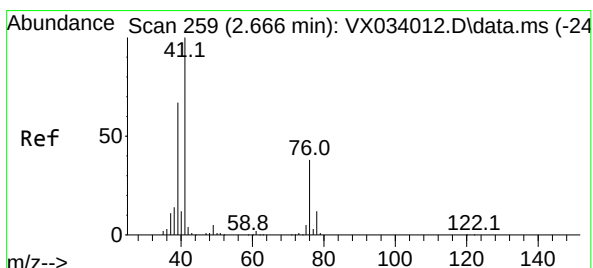
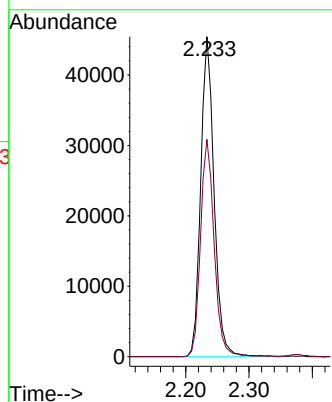
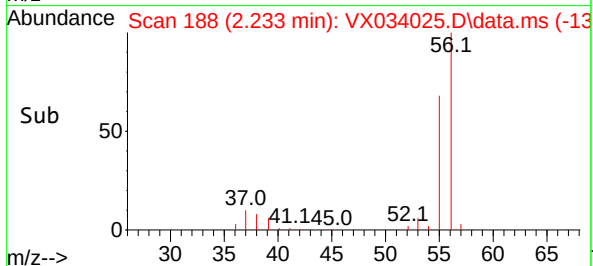
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 66889
Ion Ratio Lower Upper
56 100
55 69.3 56.3 84.5

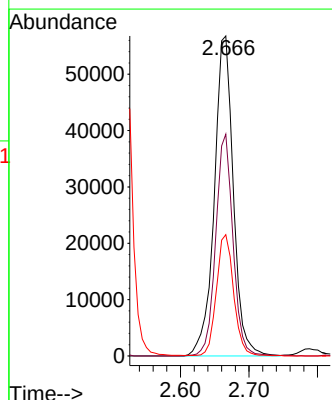
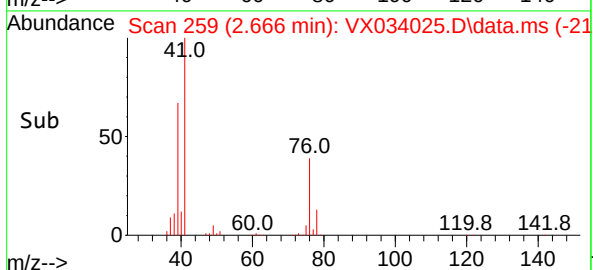
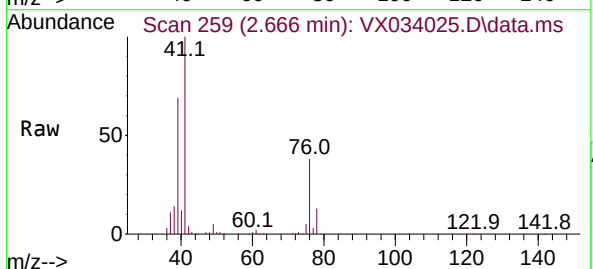
Manual Integrations
APPROVED

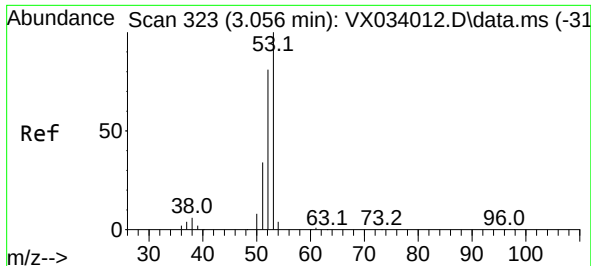
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#14
Allyl chloride
Concen: 52.498 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

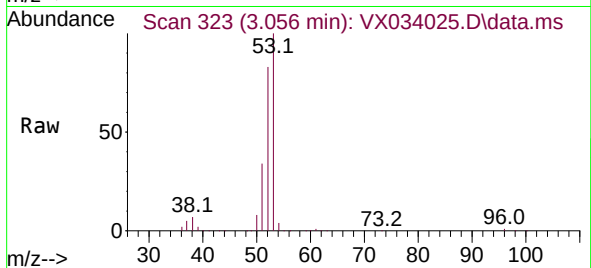
Tgt Ion: 41 Resp: 109778
Ion Ratio Lower Upper
41 100
39 62.8 59.0 88.4
76 34.3 24.6 37.0





#15
Acrylonitrile
Concen: 257.924 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

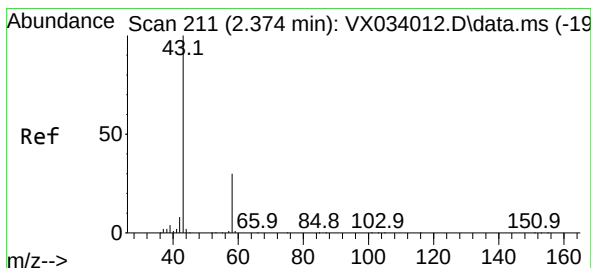
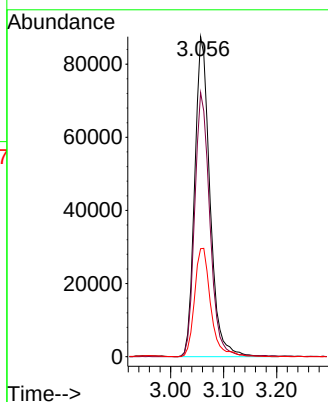
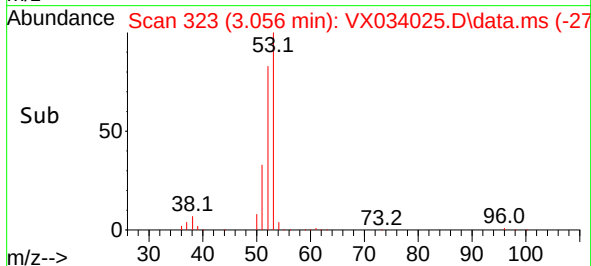
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



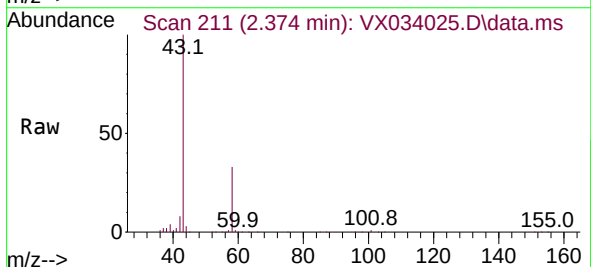
Tgt Ion: 53 Resp: 175040
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 35.9 29.0 43.4

Manual Integrations
APPROVED

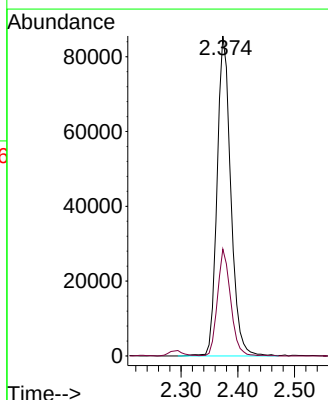
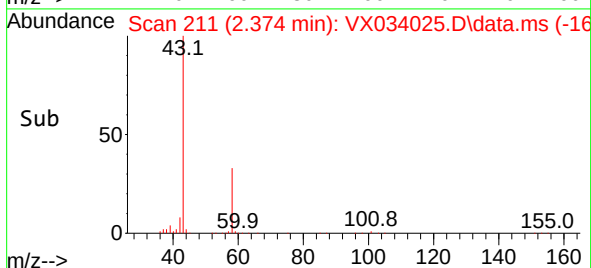
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

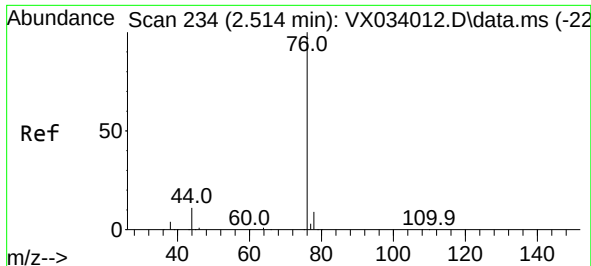


#16
Acetone
Concen: 225.961 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion: 43 Resp: 144116
Ion Ratio Lower Upper
43 100
58 33.4 22.6 33.8





#17

Carbon Disulfide

Concen: 51.006 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16596

Ion Ratio Lower Upper

76 100

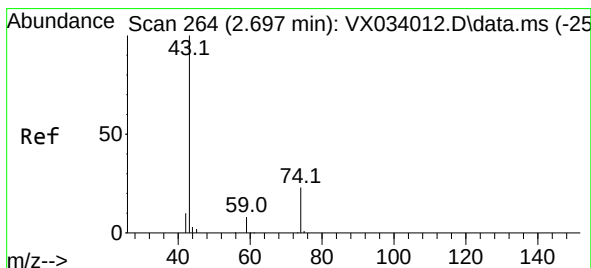
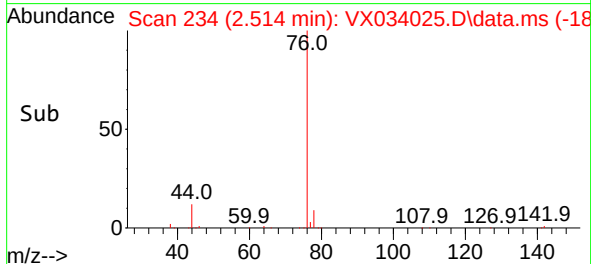
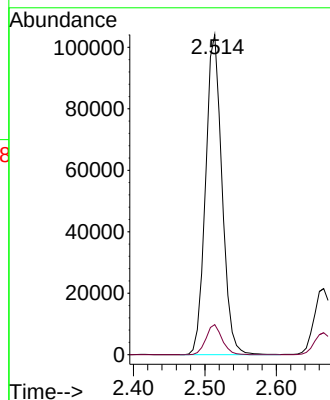
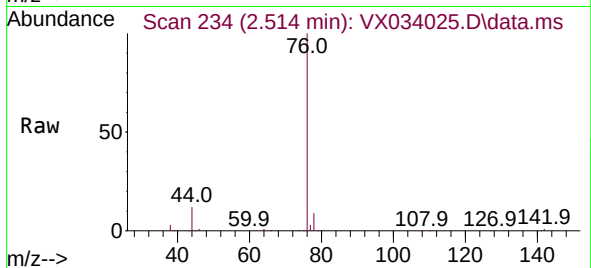
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#18

Methyl Acetate

Concen: 52.580 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX034025.D

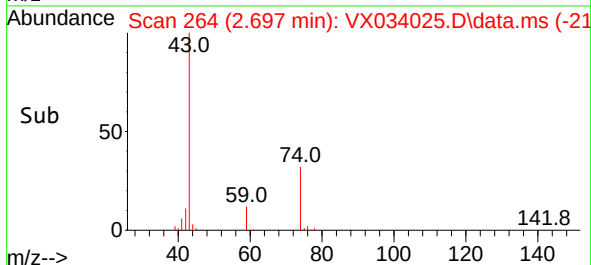
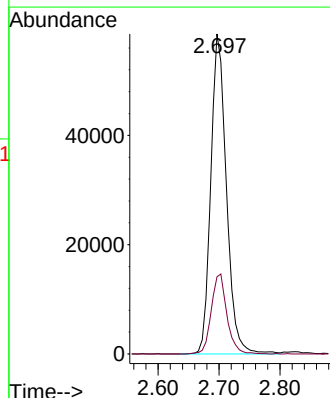
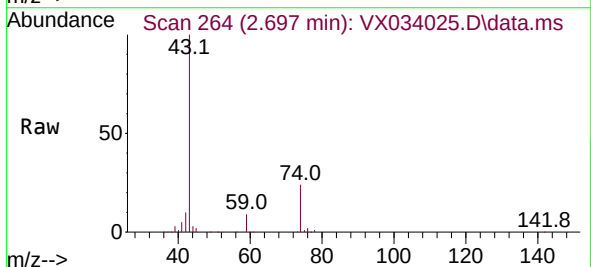
Acq: 06 Feb 2023 14:14

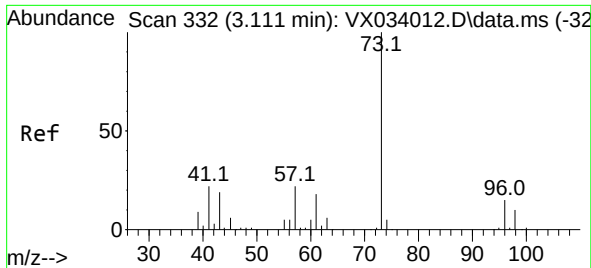
Tgt Ion: 43 Resp: 104317

Ion Ratio Lower Upper

43 100

74 25.0 18.2 27.4





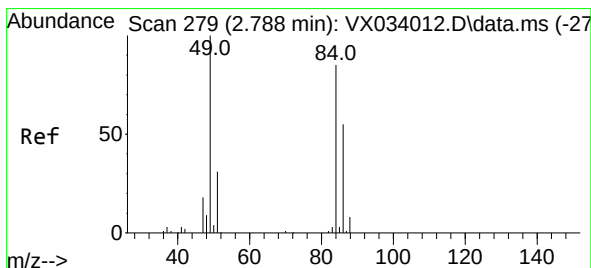
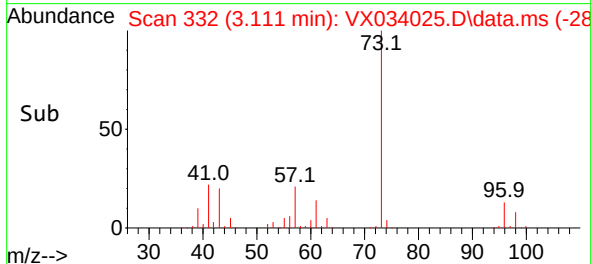
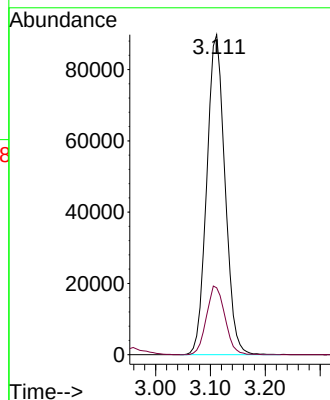
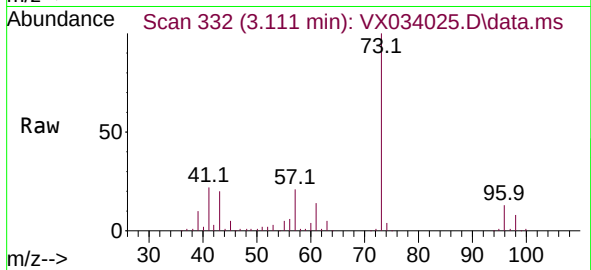
#19
Methyl tert-butyl Ether
Concen: 52.250 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20664
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0

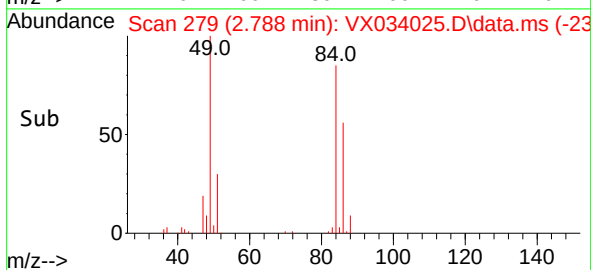
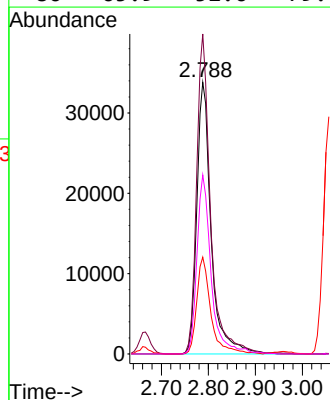
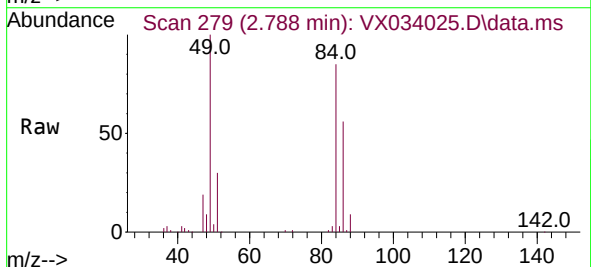
Manual Integrations
APPROVED

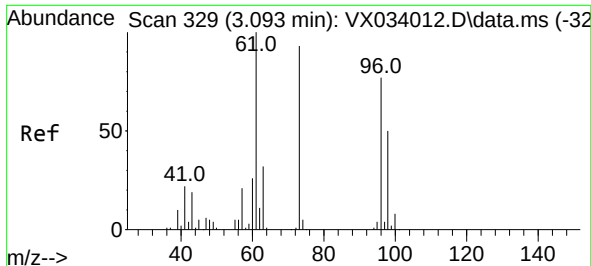
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 49.325 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

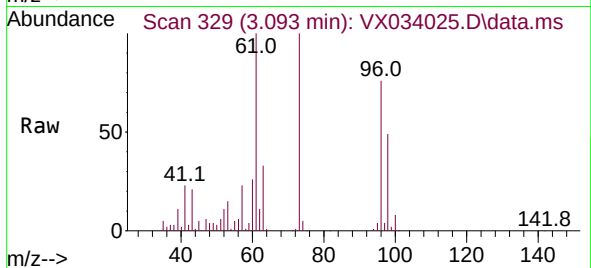
Tgt Ion: 84 Resp: 71972
Ion Ratio Lower Upper
84 100
49 117.8 101.1 151.7
51 35.6 31.0 46.6
86 65.9 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 51.381 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

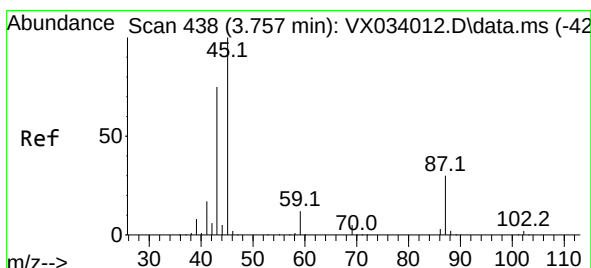
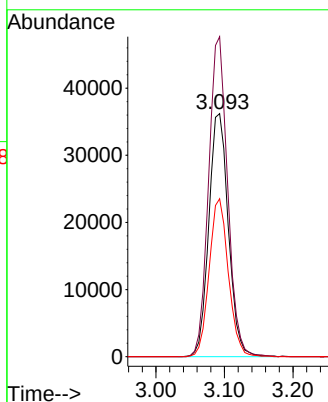
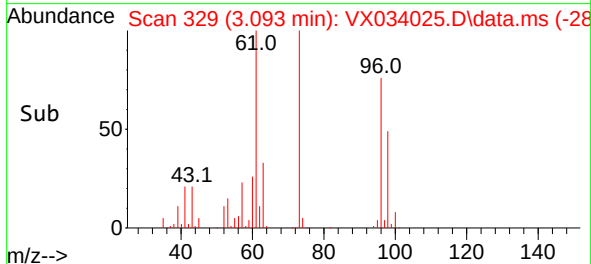
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7177
Ion Ratio Lower Upper
96 100
61 131.6 106.7 160.1
98 65.0 50.0 75.0

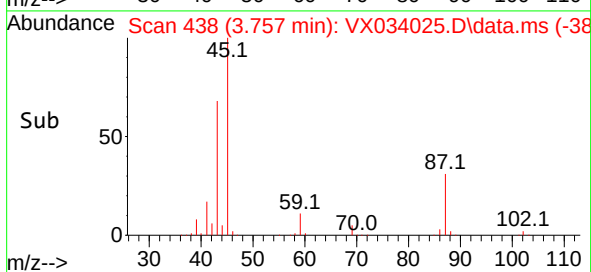
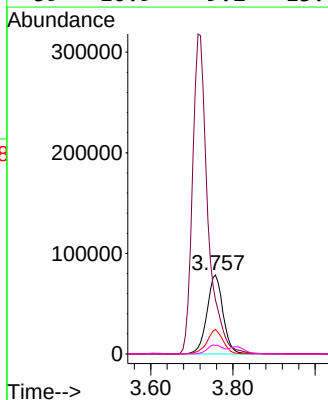
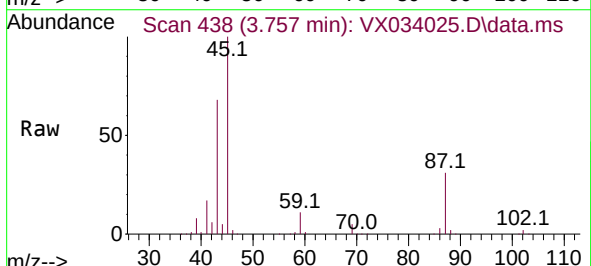
Manual Integrations
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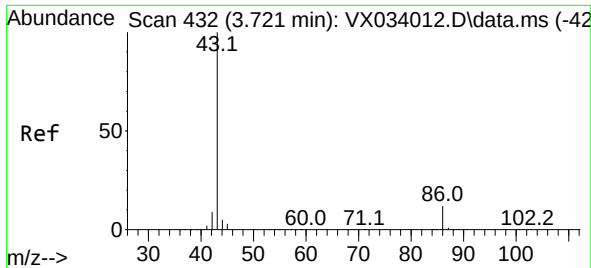
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#22
Diisopropyl ether
Concen: 51.614 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Tgt Ion: 45 Resp: 212989
Ion Ratio Lower Upper
45 100
43 68.3 64.6 97.0
87 31.1 21.9 32.9
59 10.9 9.2 13.8





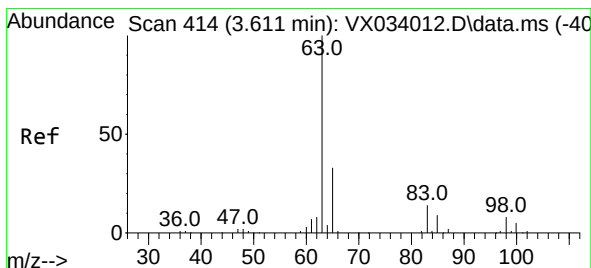
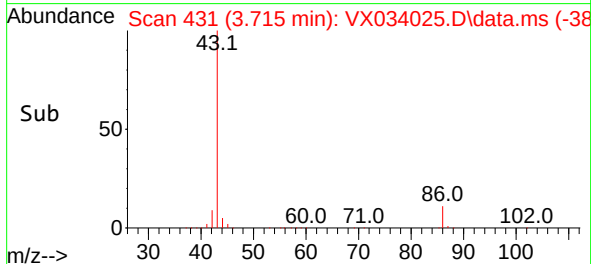
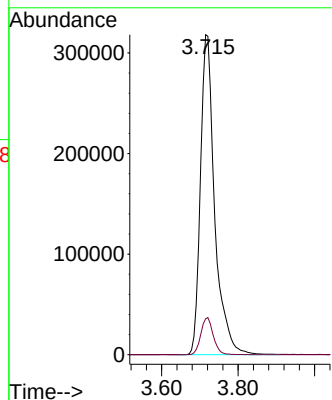
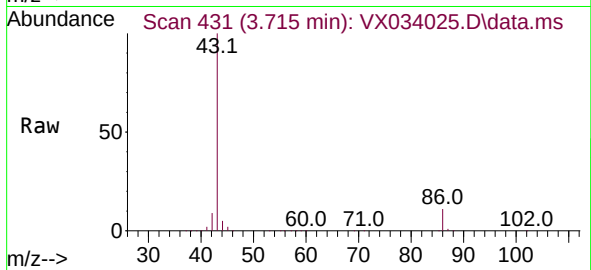
#23
 Vinyl Acetate
 Concen: 262.063 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX034025.D
 Acq: 06 Feb 2023 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 82348
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6

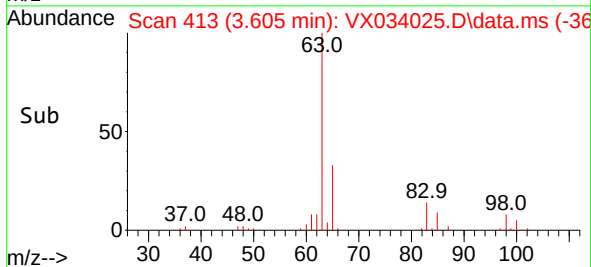
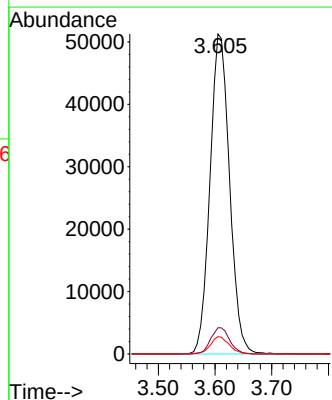
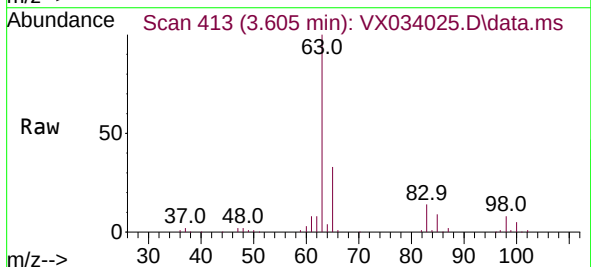
Manual Integrations
 APPROVED

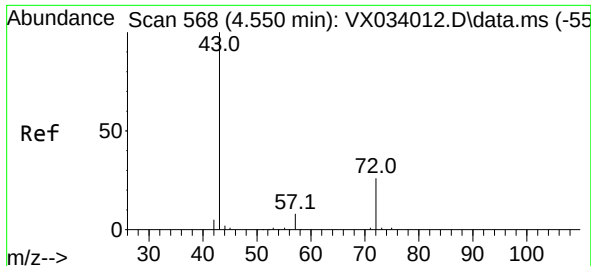
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#24
 1,1-Dichloroethane
 Concen: 51.574 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034025.D
 Acq: 06 Feb 2023 14:14

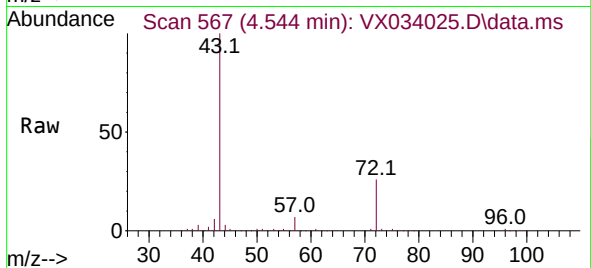
Tgt Ion: 63 Resp: 122672
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.2
 100 5.4 2.4 7.2





#25
2-Butanone
Concen: 247.489 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

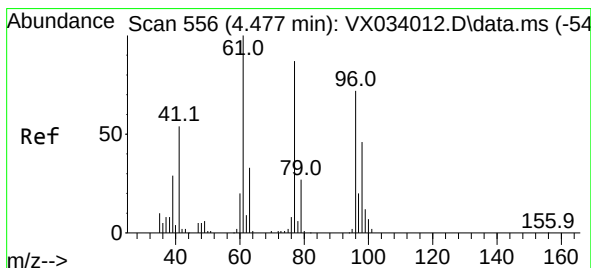
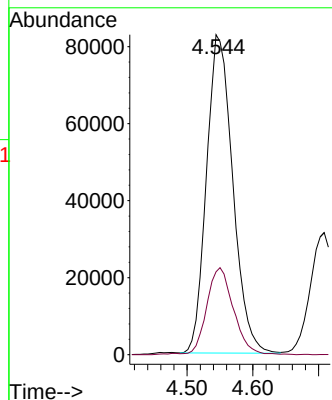
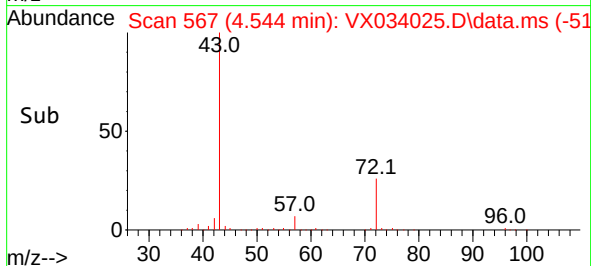
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 229844
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

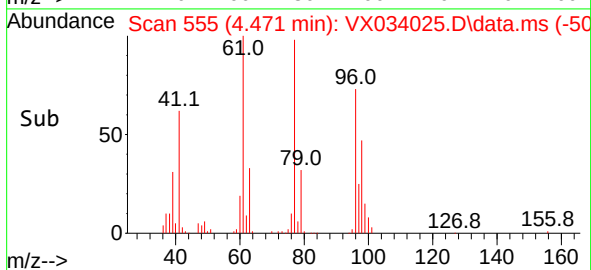
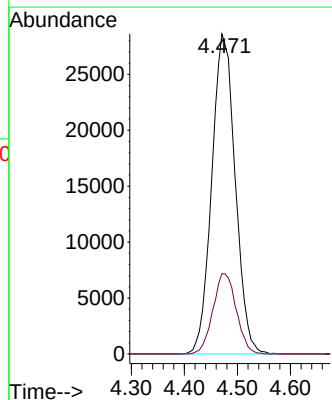
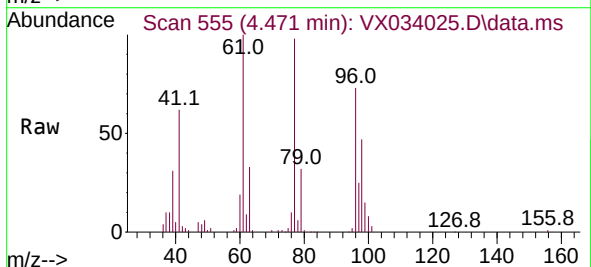
Manual Integrations
APPROVED

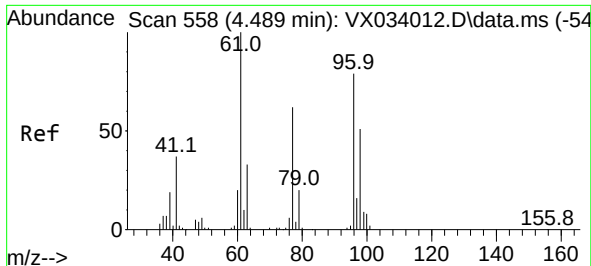
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#26
2,2-Dichloropropane
Concen: 50.662 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Tgt Ion: 77 Resp: 87901
Ion Ratio Lower Upper
77 100
97 25.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.621 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 82944

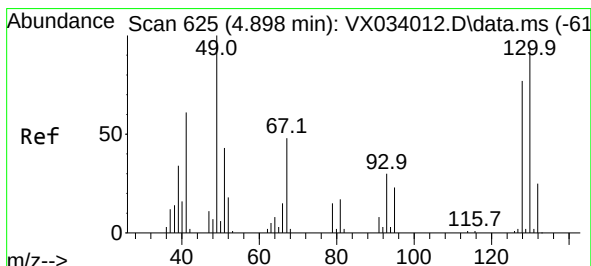
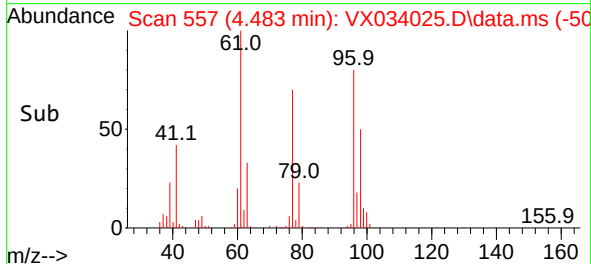
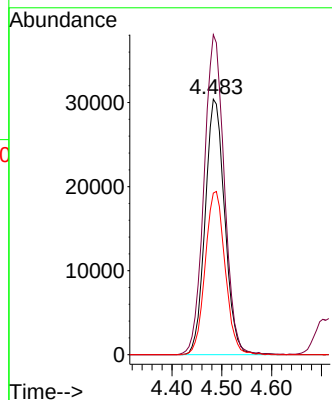
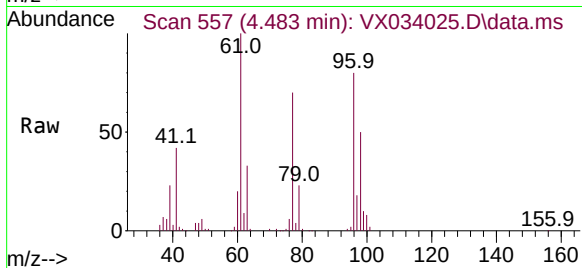
Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	277.6
98	65.0	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#28

Bromochloromethane

Concen: 47.269 ug/l

RT: 4.891 min Scan# 624

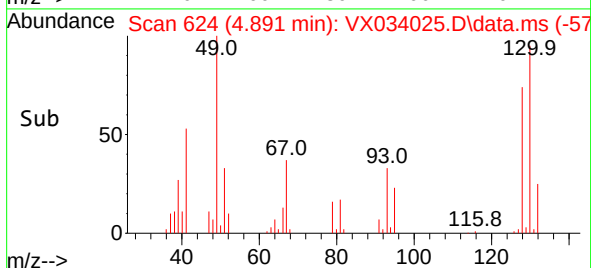
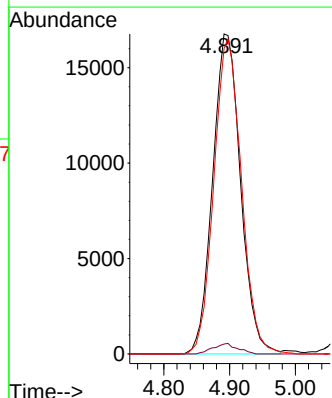
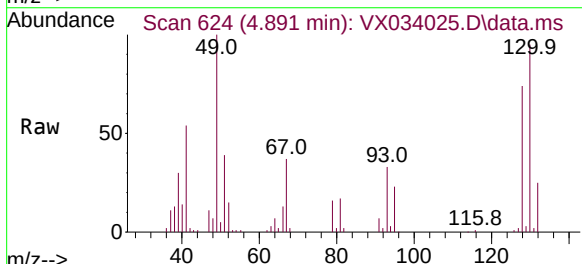
Delta R.T. -0.006 min

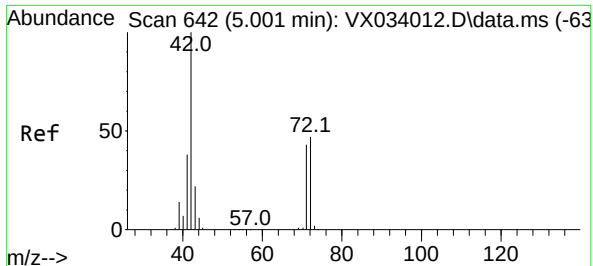
Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Tgt Ion: 49 Resp: 49432

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.6
130	97.3	68.5	102.7





#29

Tetrahydrofuran

Concen: 253.525 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 149749

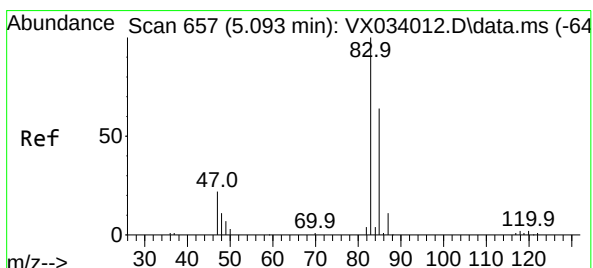
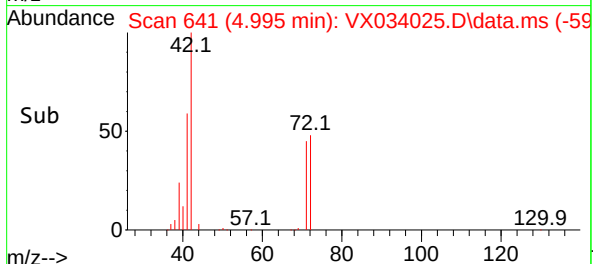
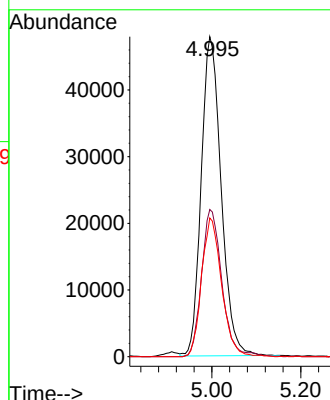
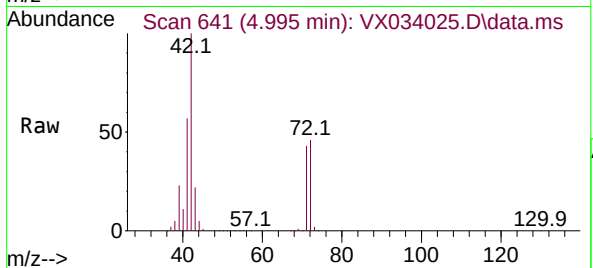
Ion	Ratio	Lower	Upper
42	100		
72	47.0	34.8	52.2
71	43.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#30

Chloroform

Concen: 50.906 ug/l

RT: 5.093 min Scan# 657

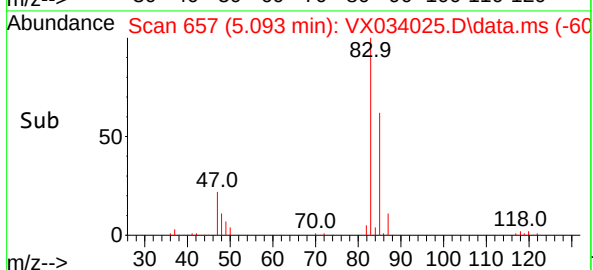
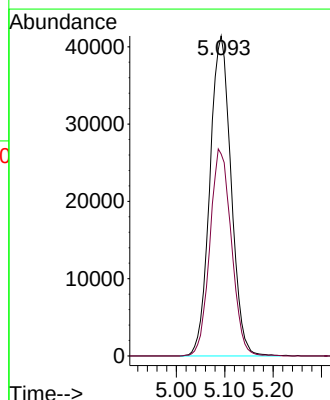
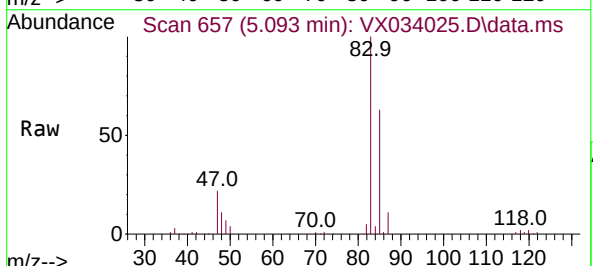
Delta R.T. 0.000 min

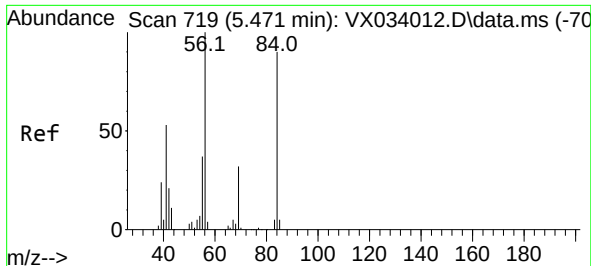
Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Tgt Ion: 83 Resp: 126192

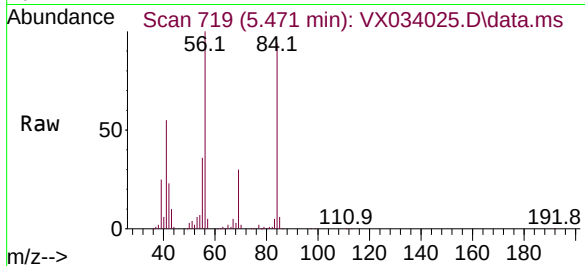
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.1	78.1





#31
Cyclohexane
Concen: 51.265 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

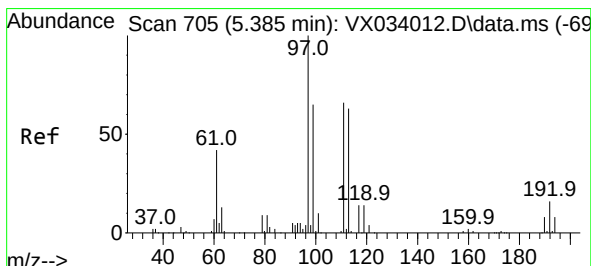
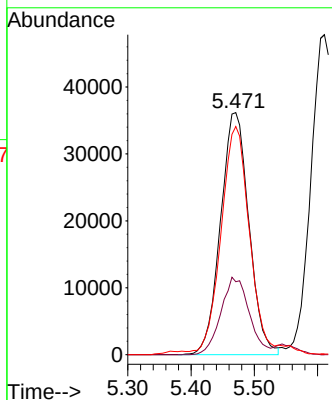
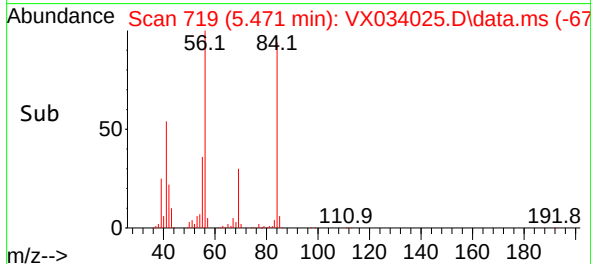
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



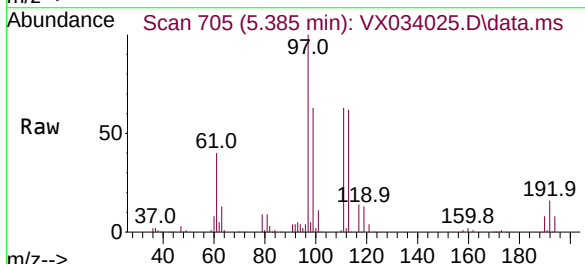
Tgt Ion: 56 Resp: 11273
Ion Ratio Lower Upper
56 100
69 30.1 24.6 37.0
84 93.0 71.0 106.6

Manual Integrations
APPROVED

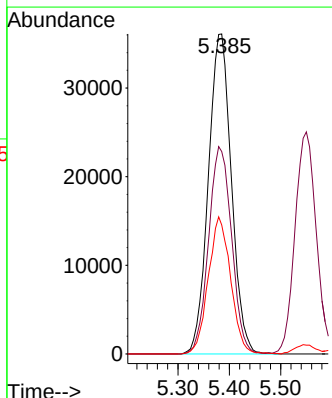
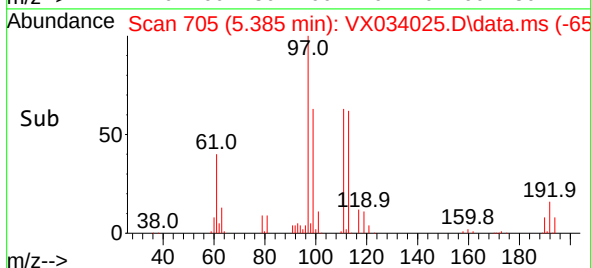
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

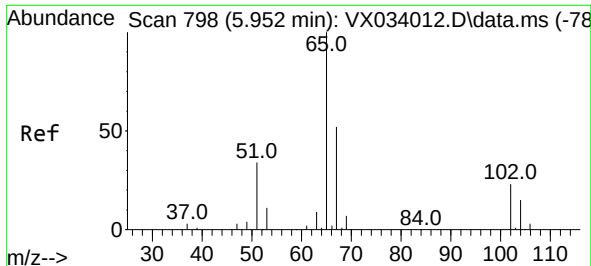


#32
1,1,1-Trichloroethane
Concen: 52.631 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion: 97 Resp: 112361
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 41.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.795 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 70664

Ion Ratio Lower Upper

65 100

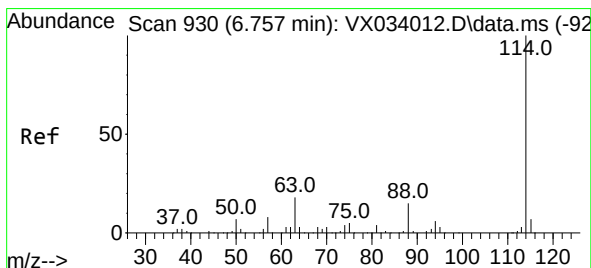
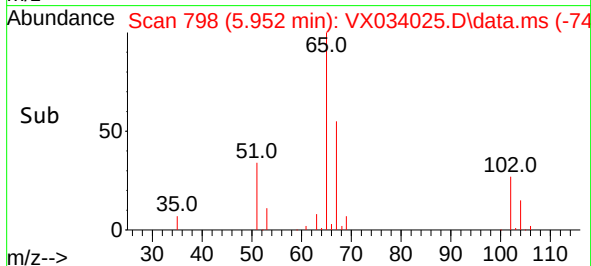
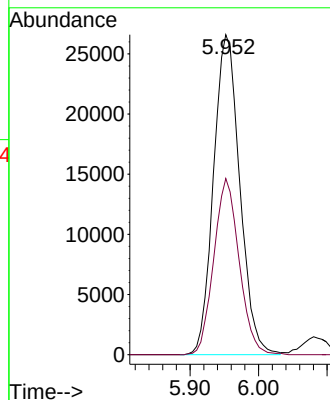
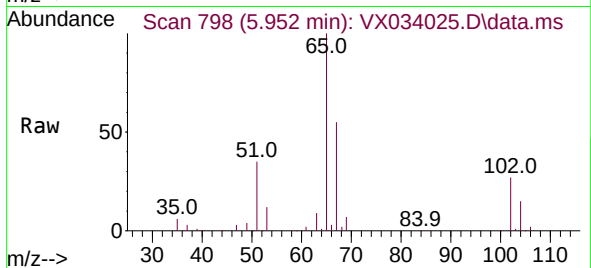
67 53.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

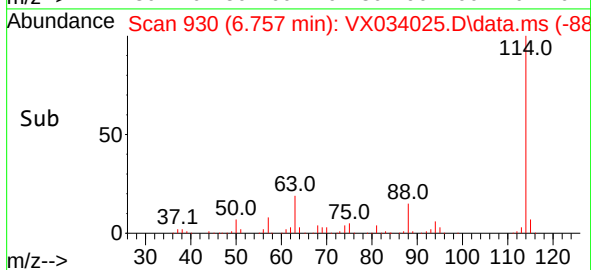
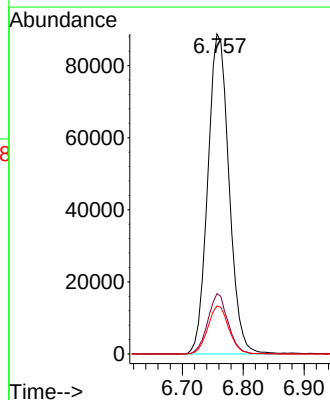
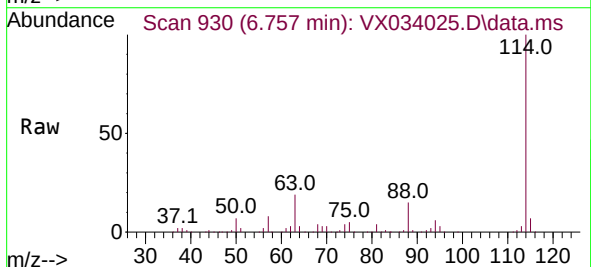
Tgt Ion:114 Resp: 215067

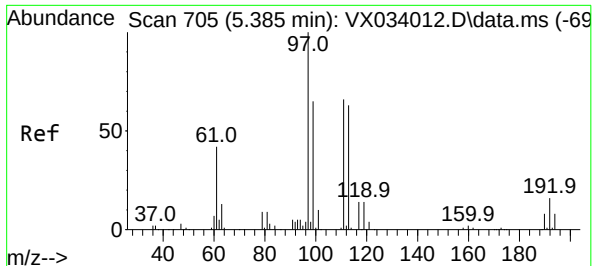
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.455 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 6632

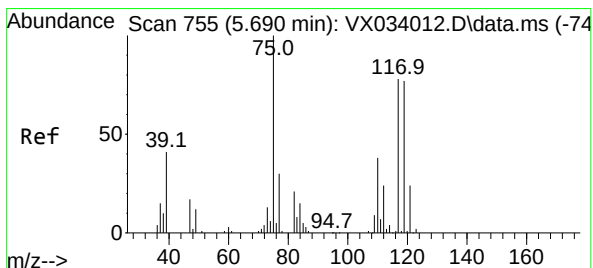
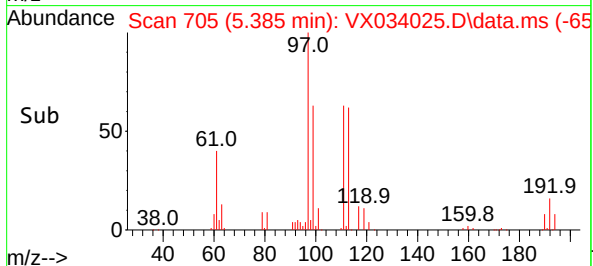
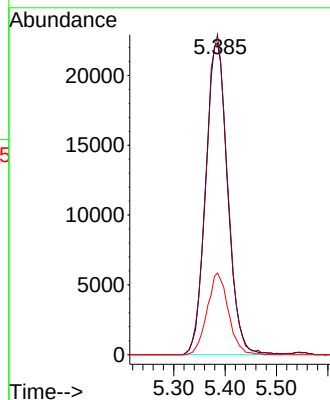
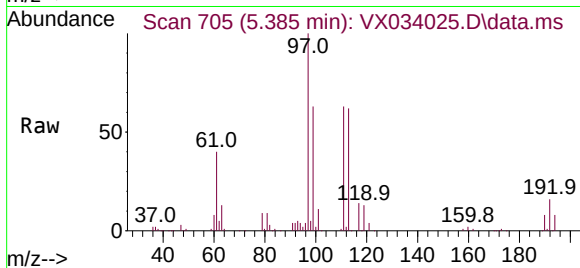
Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.6
192	25.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#36

1,1-Dichloropropene

Concen: 51.210 ug/l

RT: 5.690 min Scan# 755

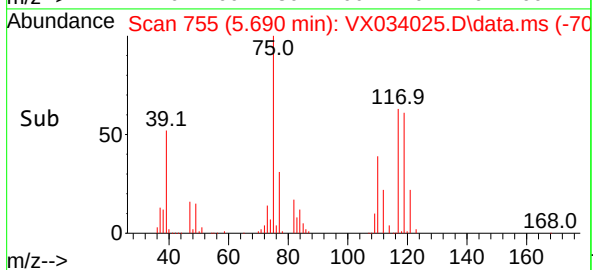
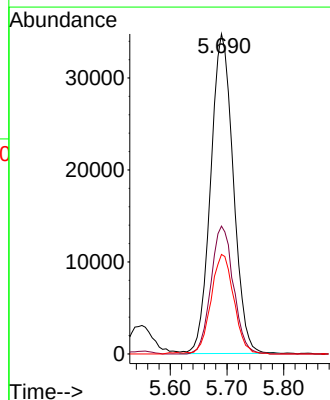
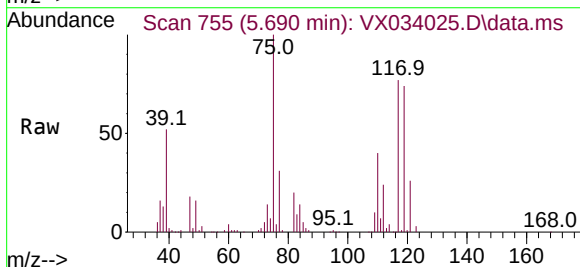
Delta R.T. 0.000 min

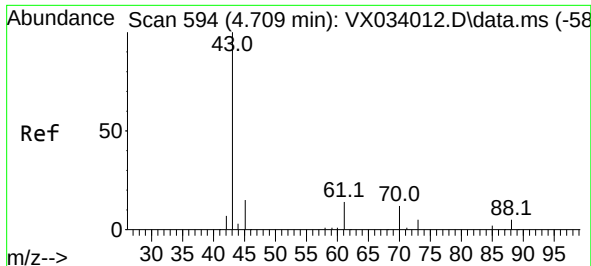
Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Tgt Ion: 75 Resp: 96103

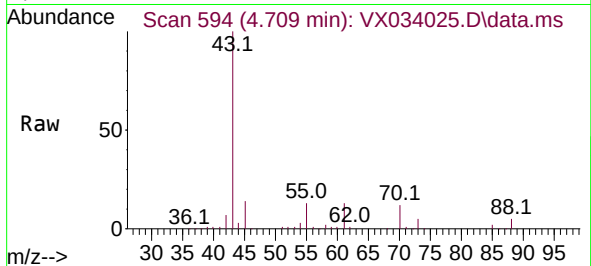
Ion	Ratio	Lower	Upper
75	100		
110	39.9	18.8	56.4
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 52.882 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

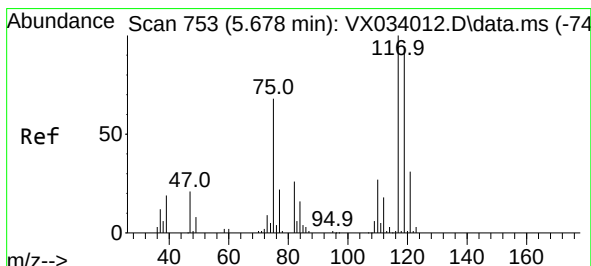
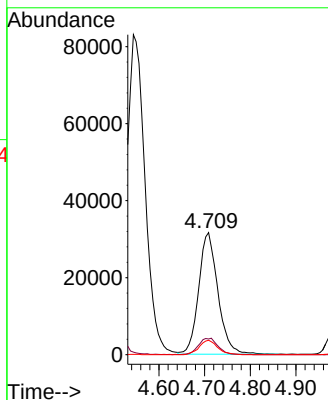
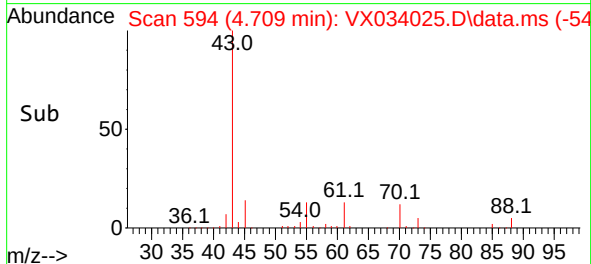
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 92449
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.3 8.5 12.7

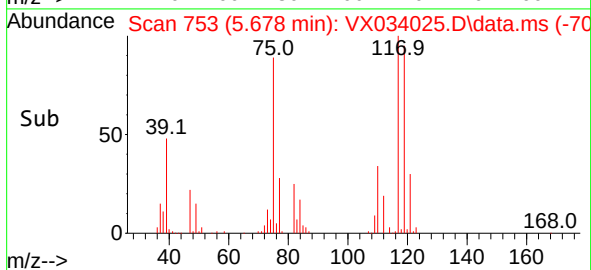
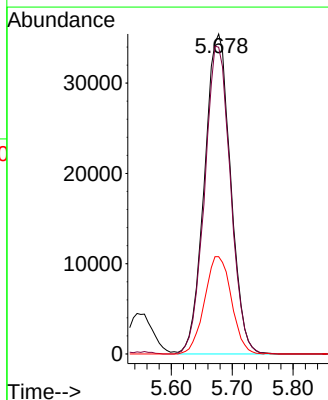
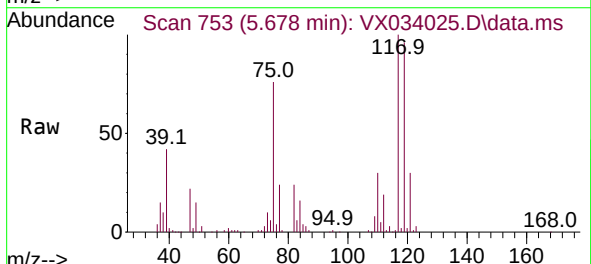
Manual Integrations
APPROVED

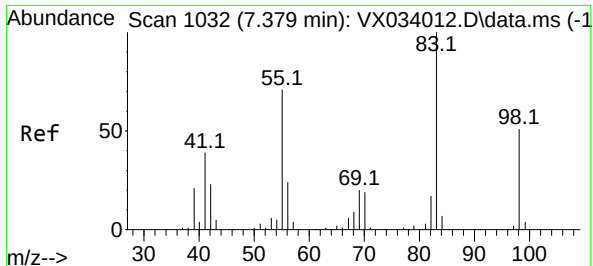
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#38
Carbon Tetrachloride
Concen: 52.772 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Tgt Ion:117 Resp: 105625
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 52.196 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 123300

Ion Ratio Lower Upper

83 100

55 69.9 61.8 92.6

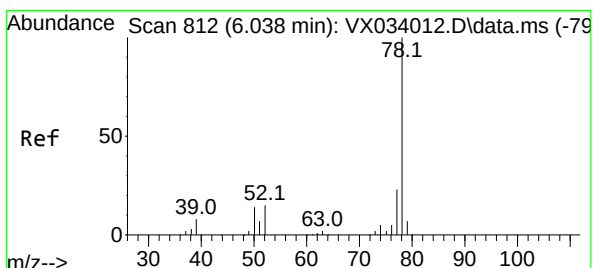
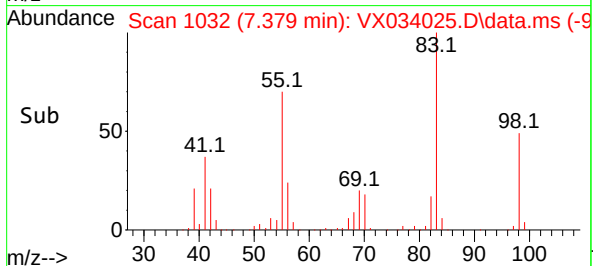
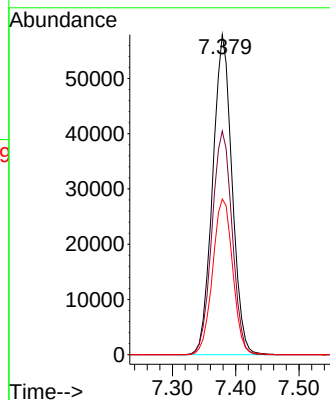
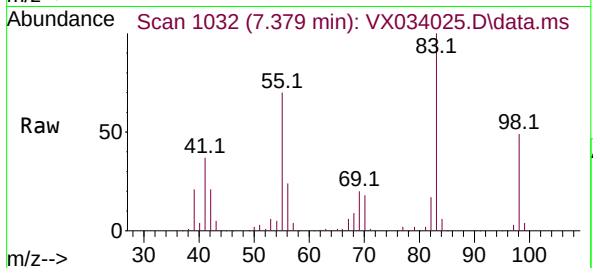
98 48.7 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#40

Benzene

Concen: 52.264 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034025.D

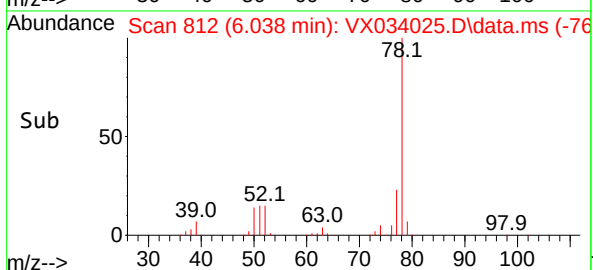
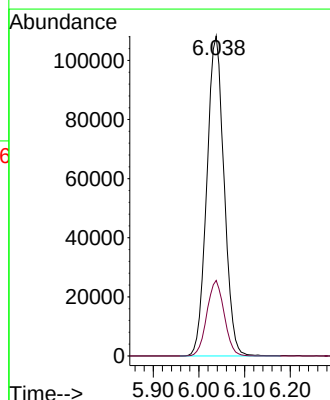
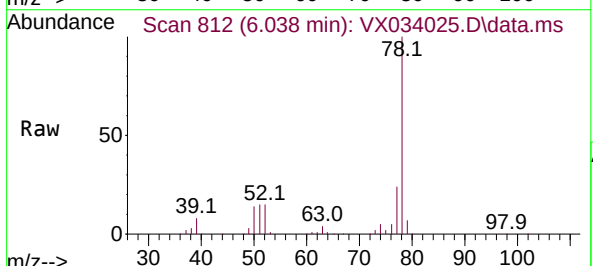
Acq: 06 Feb 2023 14:14

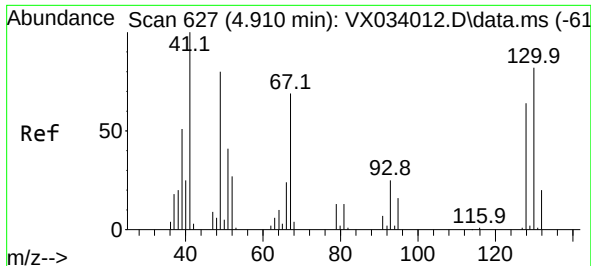
Tgt Ion: 78 Resp: 283786

Ion Ratio Lower Upper

78 100

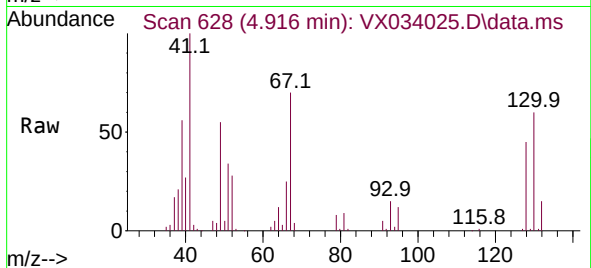
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 52.224 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

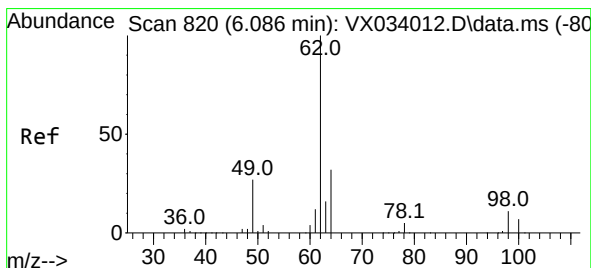
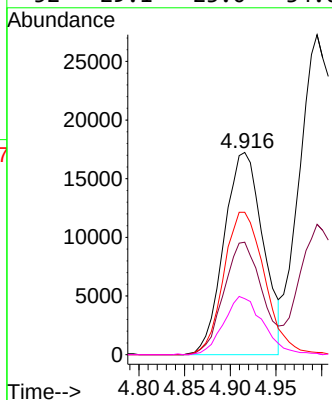
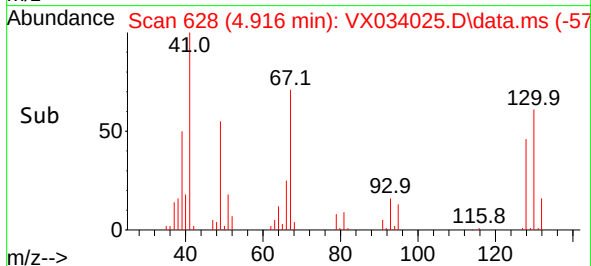
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 51380
Ion Ratio Lower Upper
41 100
39 54.4 43.8 65.6
67 73.7 54.8 82.2
52 29.1 23.0 34.6

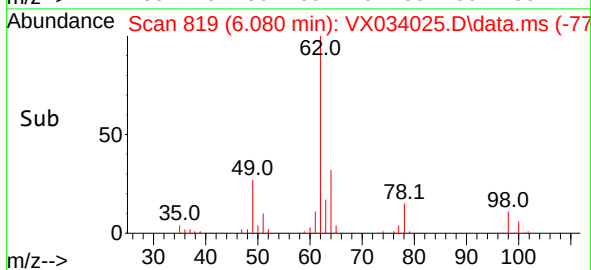
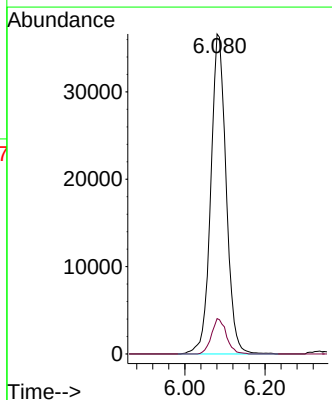
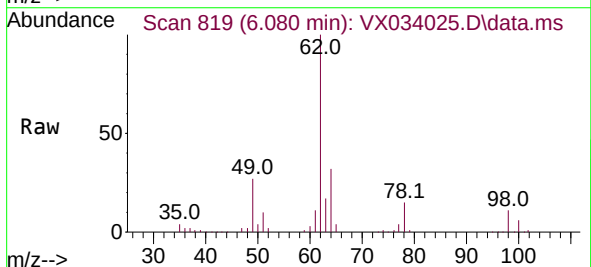
Manual Integrations
APPROVED

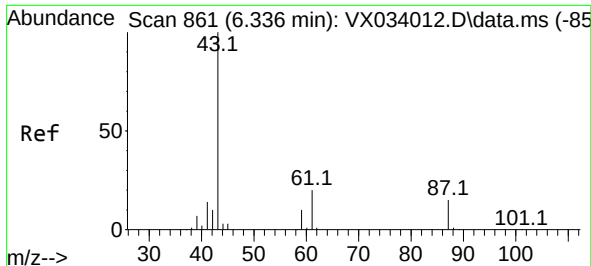
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#42
1,2-Dichloroethane
Concen: 52.873 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

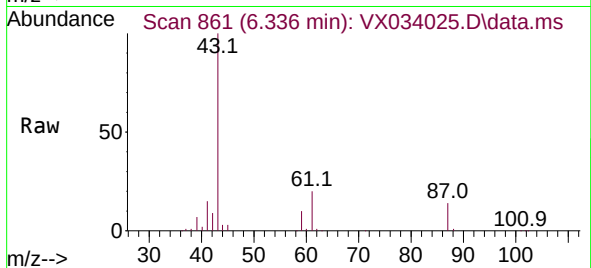
Tgt Ion: 62 Resp: 97556
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 53.279 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

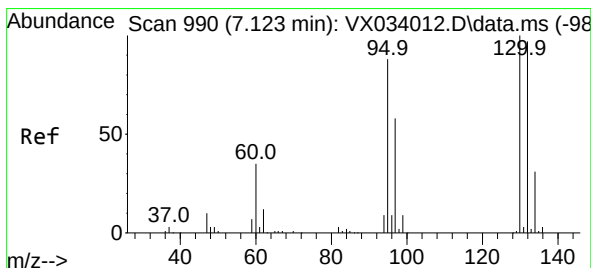
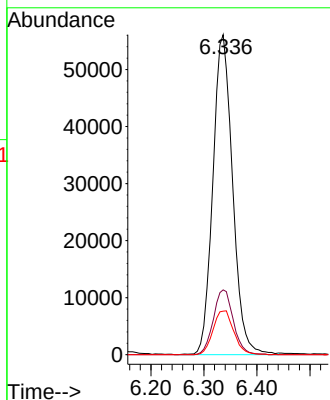
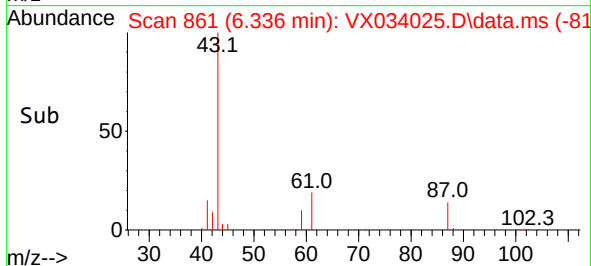
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



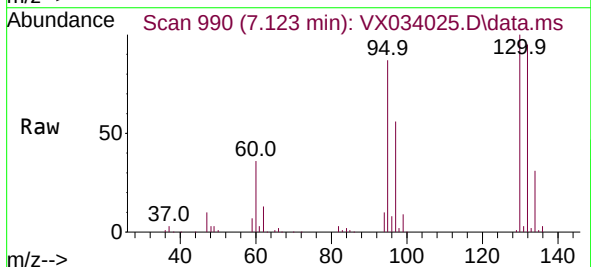
Tgt Ion: 43 Resp: 145260
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 14.4 10.6 15.8

Manual Integrations
APPROVED

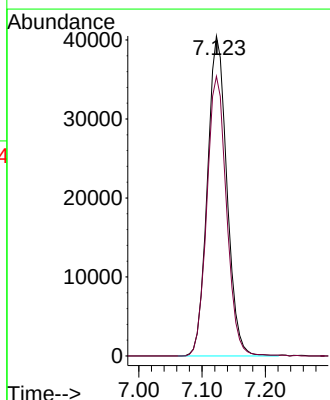
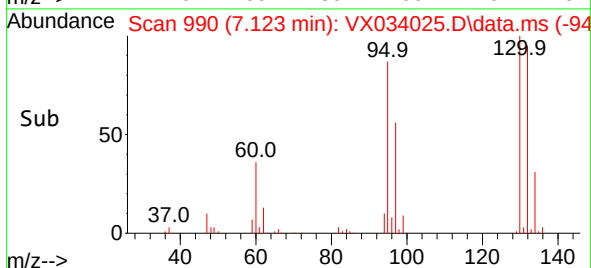
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

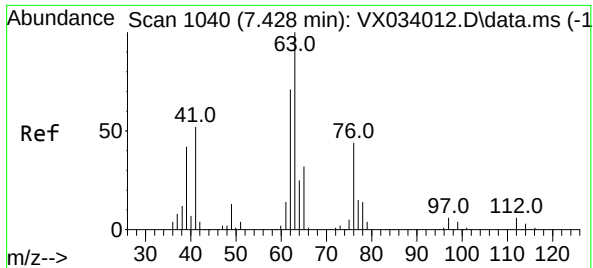


#44
Trichloroethene
Concen: 52.067 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion:130 Resp: 86890
Ion Ratio Lower Upper
130 100
95 87.4 0.0 182.6





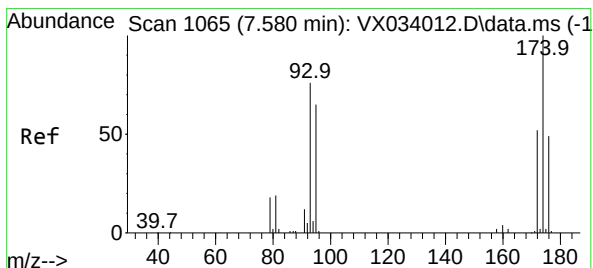
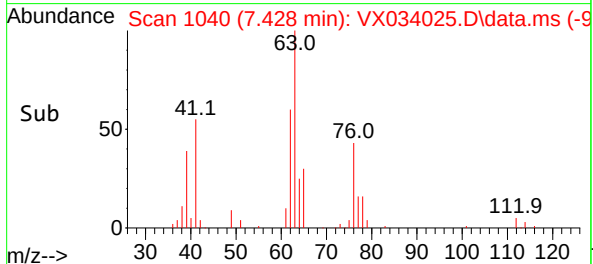
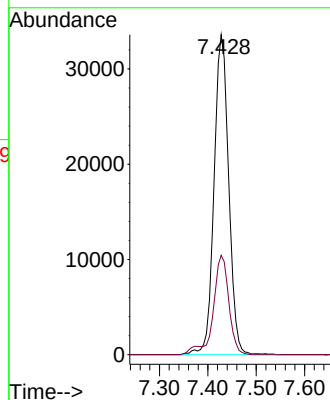
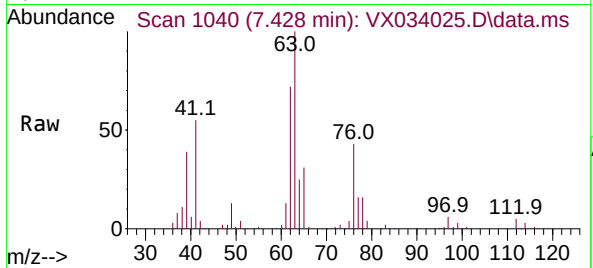
#45
1,2-Dichloropropane
Concen: 52.667 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 7060
Ion Ratio Lower Upper
63 100
65 31.0 24.2 36.2

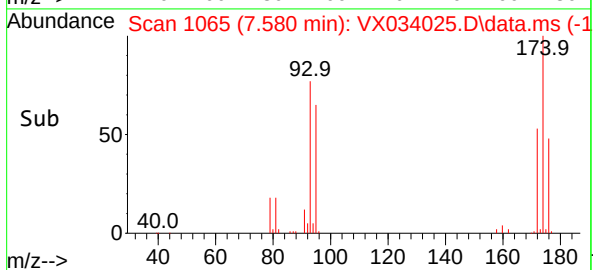
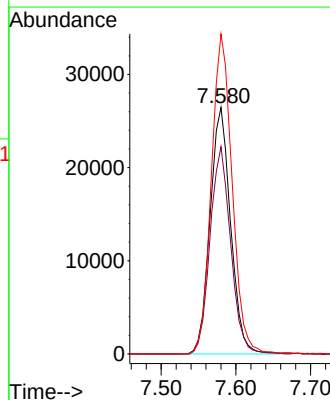
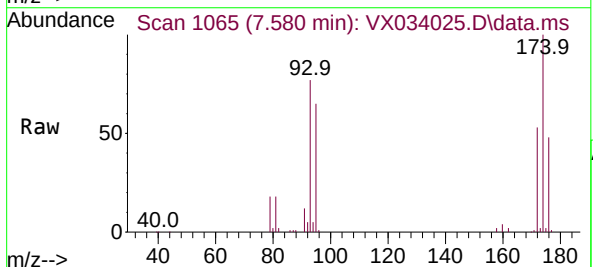
Manual Integrations
APPROVED

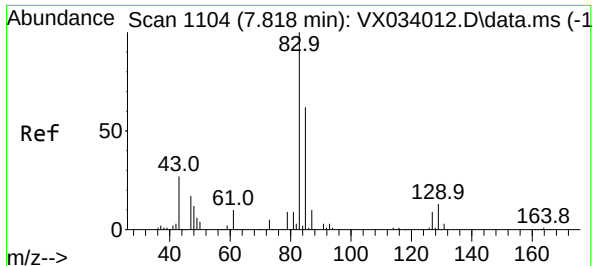
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#46
Dibromomethane
Concen: 52.632 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

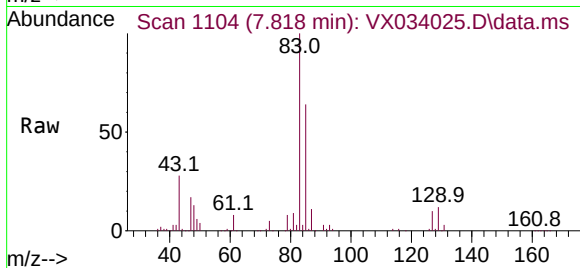
Tgt Ion: 93 Resp: 50552
Ion Ratio Lower Upper
93 100
95 84.1 67.6 101.4
174 131.4 97.4 146.0





#47
Bromodichloromethane
Concen: 53.683 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

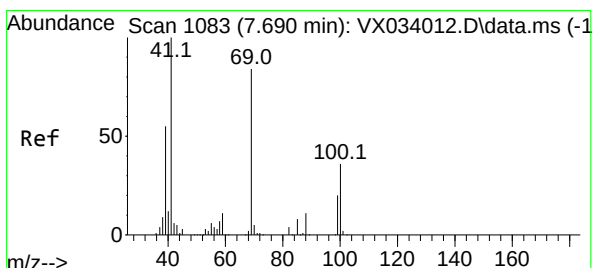
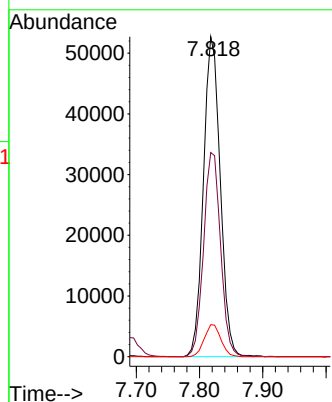
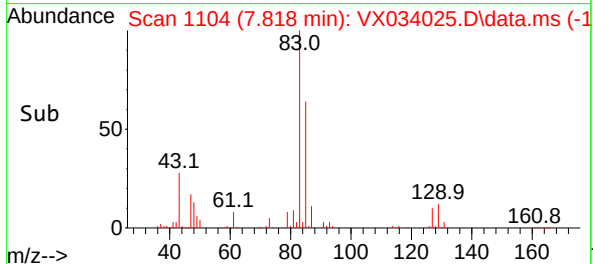
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9770
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 10.0 7.0 10.4

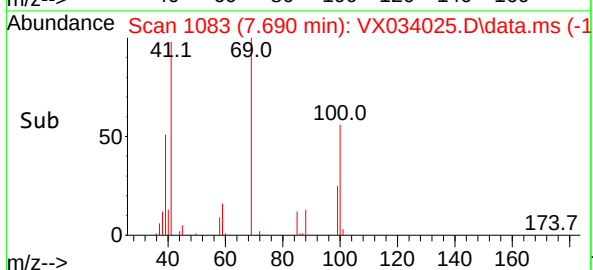
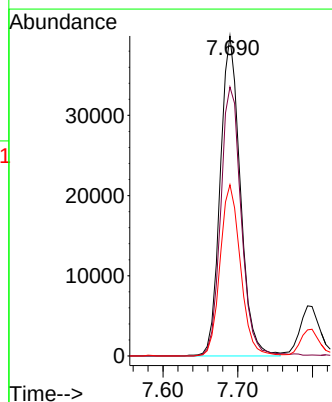
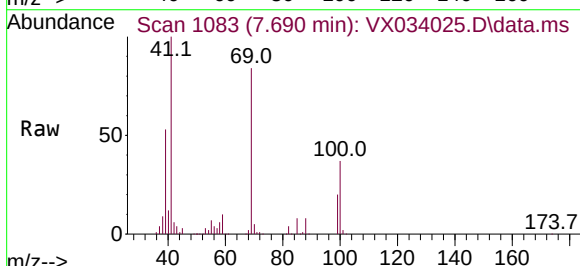
Manual Integrations
APPROVED

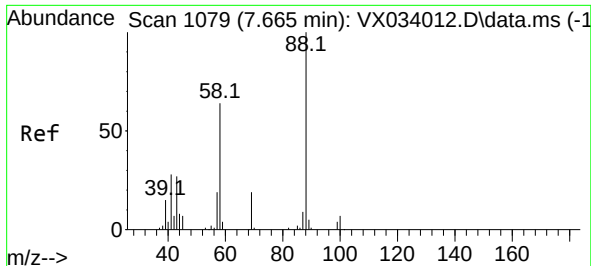
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#48
Methyl methacrylate
Concen: 52.976 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

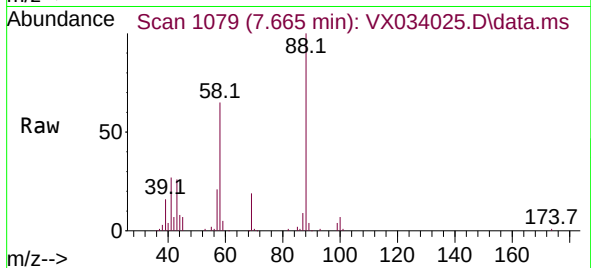
Tgt Ion: 41 Resp: 74572
Ion Ratio Lower Upper
41 100
69 86.4 63.1 94.7
39 54.2 43.2 64.8





#49
1,4-Dioxane
Concen: 1220.405 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

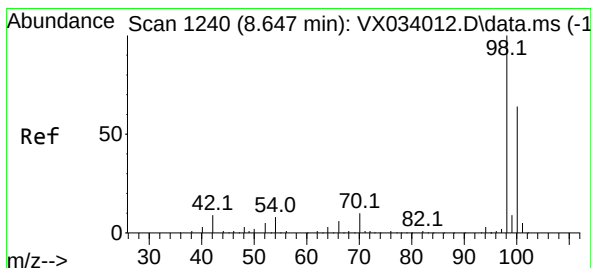
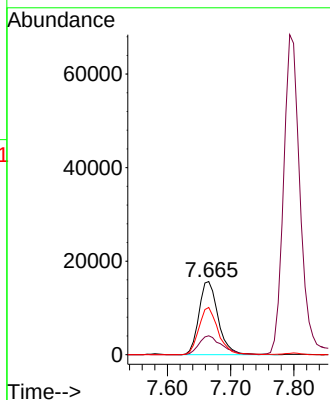
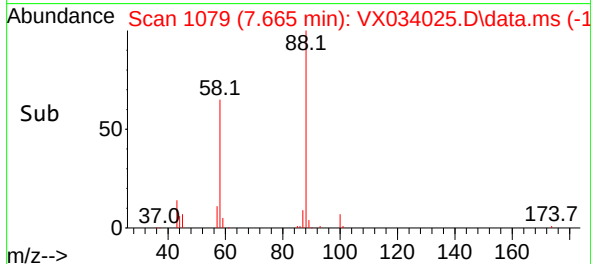
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



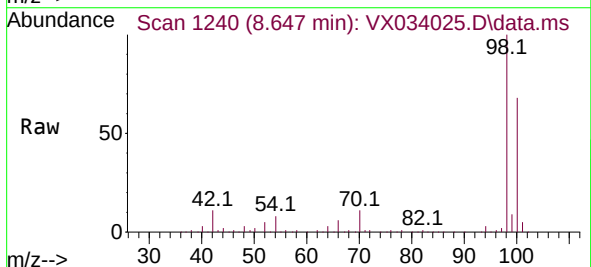
Tgt Ion: 88 Resp: 33068
Ion Ratio Lower Upper
88 100
43 30.6 0.0 0.0
58 64.9 56.5 84.7

Manual Integrations
APPROVED

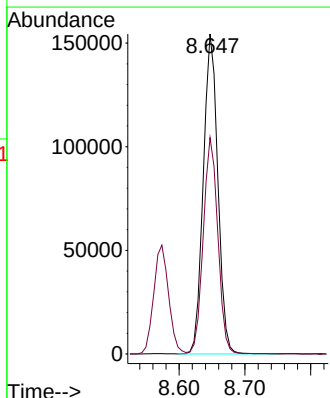
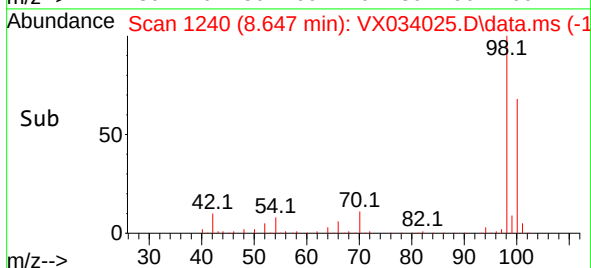
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

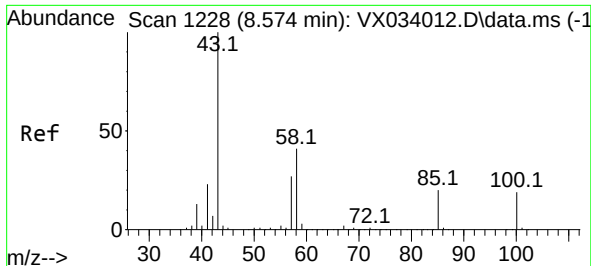


#50
Toluene-d8
Concen: 48.275 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



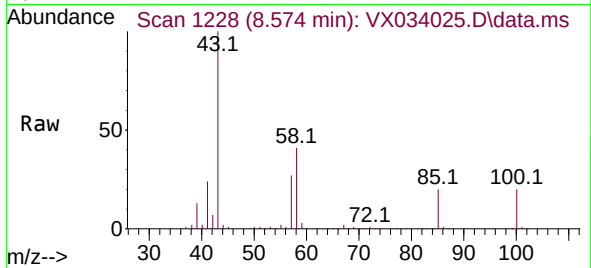
Tgt Ion: 98 Resp: 238071
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 261.612 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

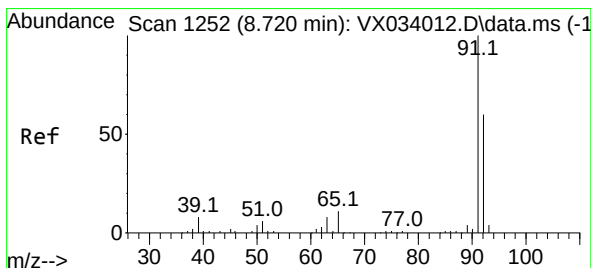
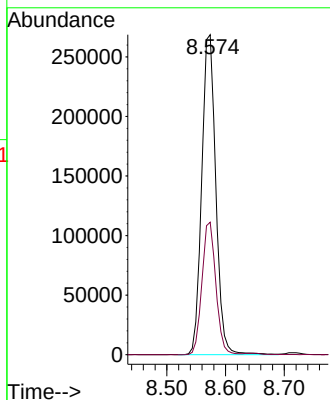
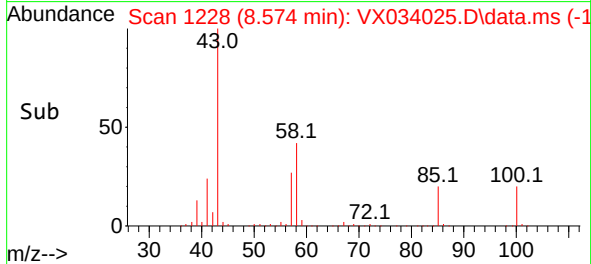
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



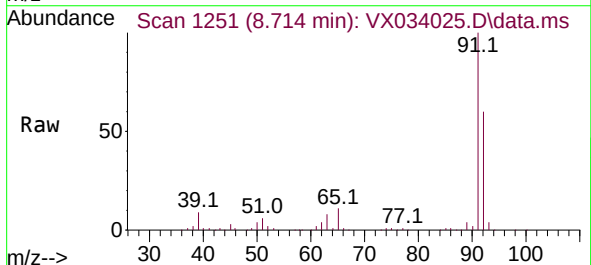
Tgt Ion: 43 Resp: 447394
Ion Ratio Lower Upper
43 100
58 40.9 31.2 46.8

Manual Integrations
APPROVED

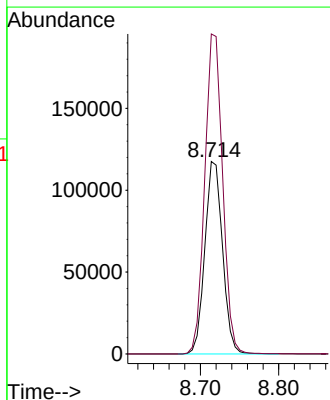
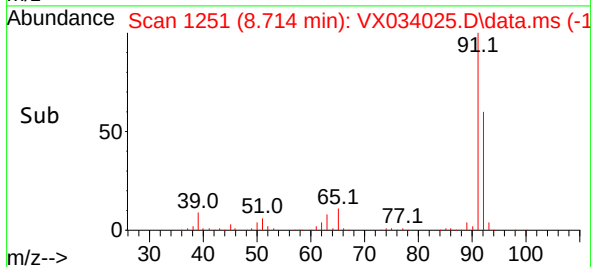
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

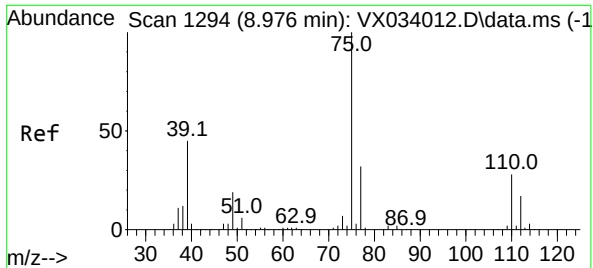


#52
Toluene
Concen: 52.324 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion: 92 Resp: 184124
Ion Ratio Lower Upper
92 100
91 167.9 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 54.928 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10049

Ion Ratio Lower Upper

75 100

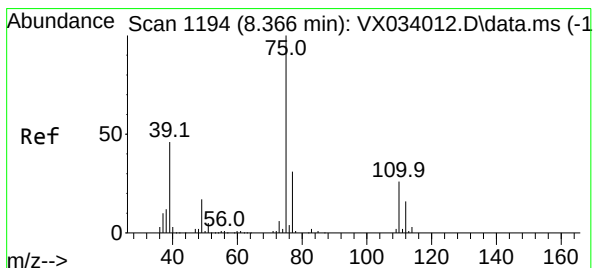
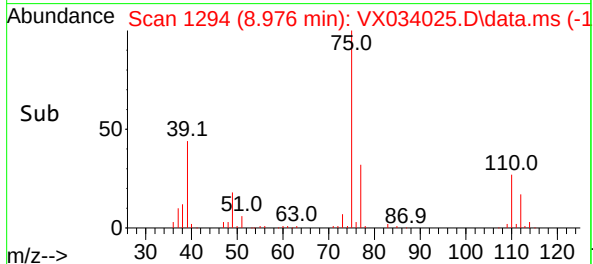
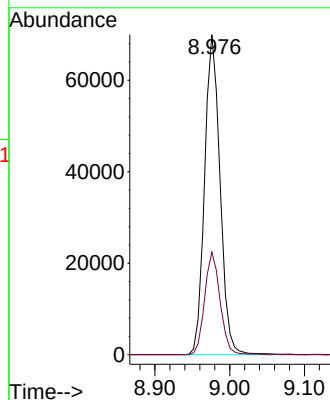
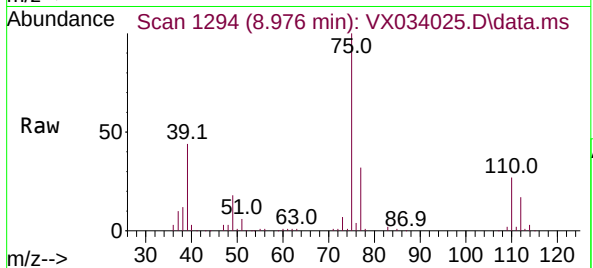
77 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#54

cis-1,3-Dichloropropene

Concen: 54.307 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

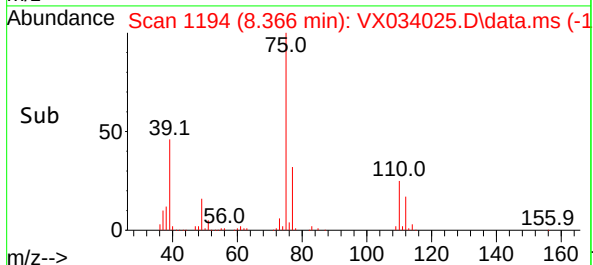
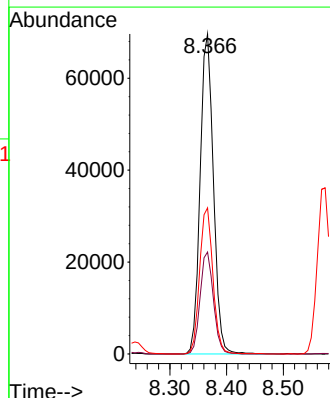
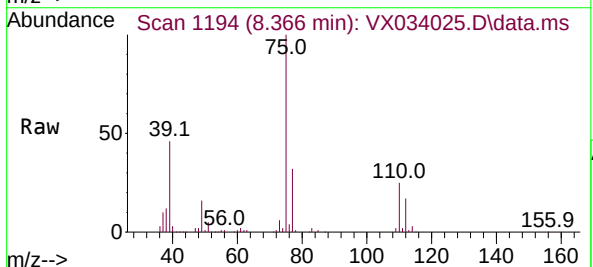
Tgt Ion: 75 Resp: 113043

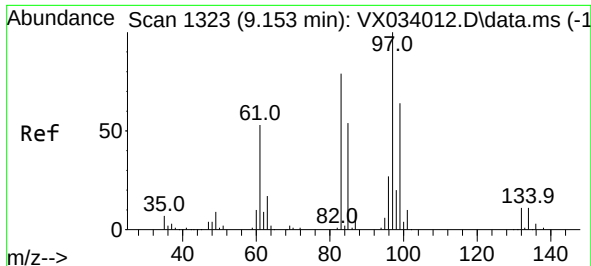
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 45.7 38.6 58.0





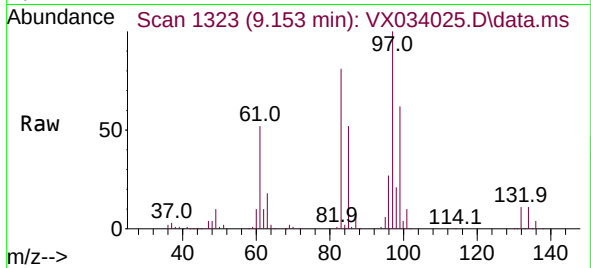
#55
1,1,2-Trichloroethane
Concen: 52.456 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



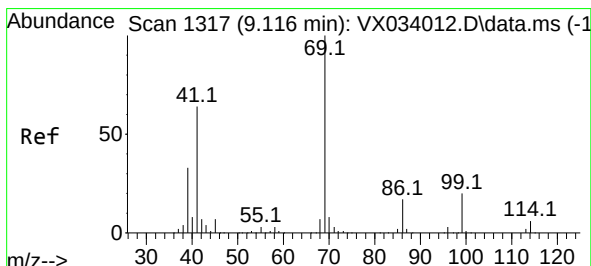
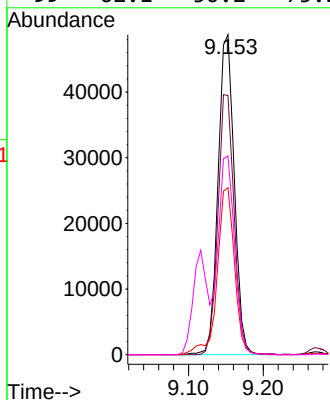
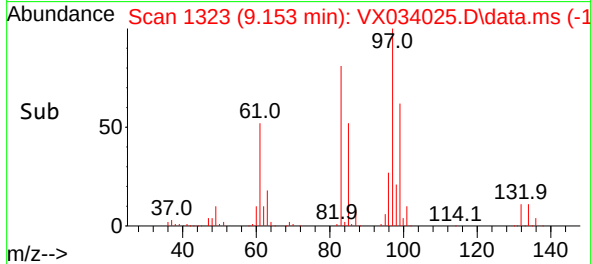
Tgt Ion:	97	Resp:	73730
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.4	101.0
85	52.1	43.2	64.8
99	62.1	50.2	75.2

Manual Integrations

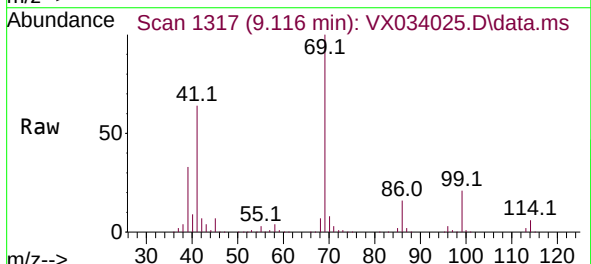
APPROVED

Reviewed By :John Carlone 02/07/2023

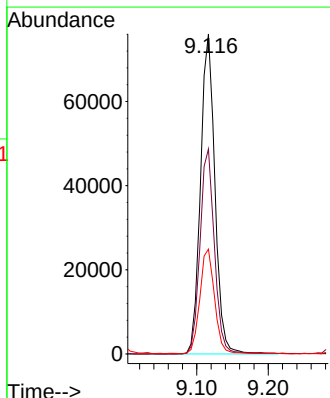
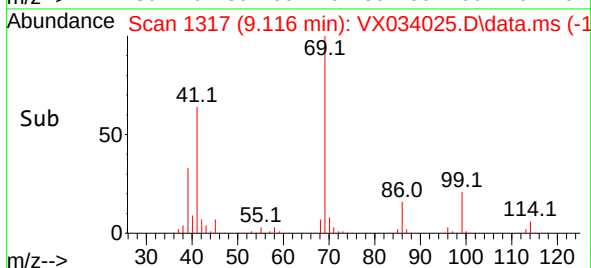
Supervised By :Mahesh Dadoda 02/07/2023

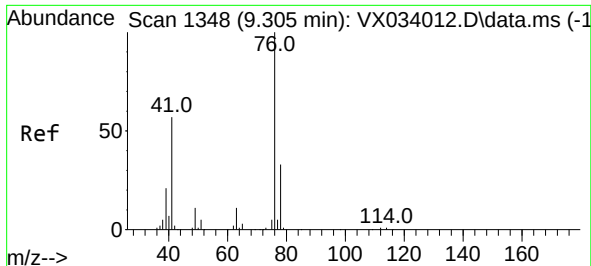


#56
Ethyl methacrylate
Concen: 54.250 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion:	69	Resp:	106499
Ion	Ratio	Lower	Upper
69	100		
41	64.2	55.1	82.7
39	33.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.072 ug/l

RT: 9.305 min Scan# 11956

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11956

Ion Ratio Lower Upper

76 100

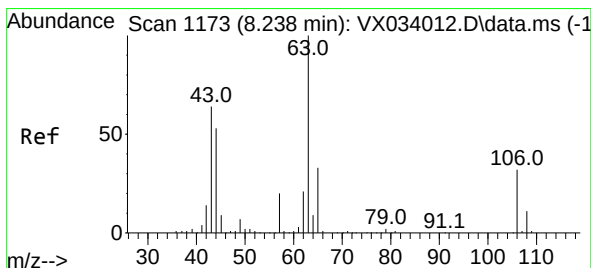
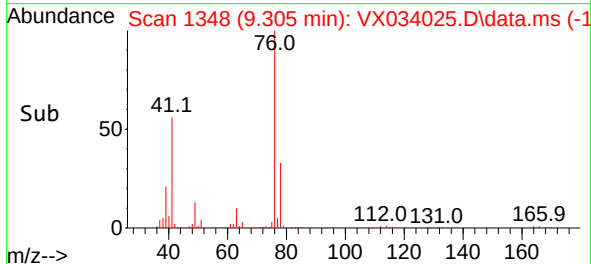
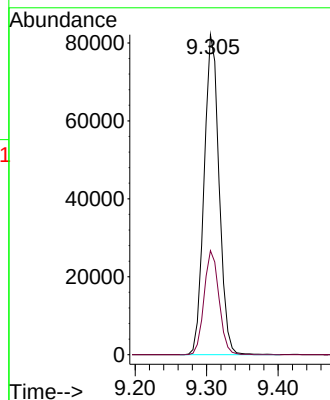
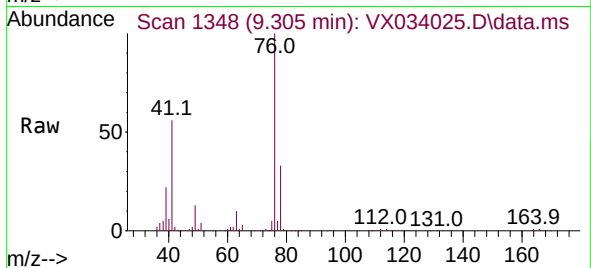
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.235 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034025.D

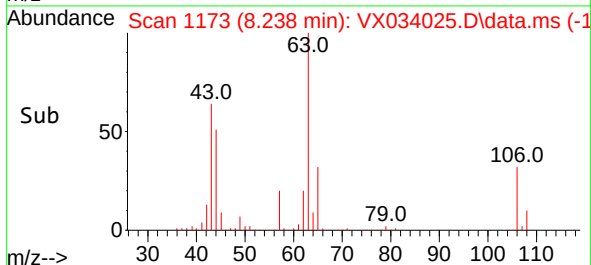
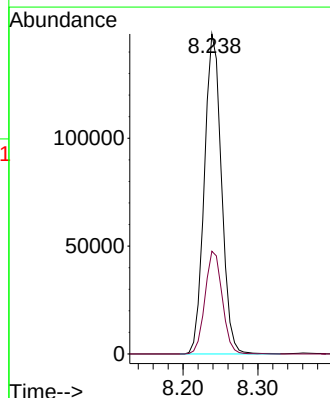
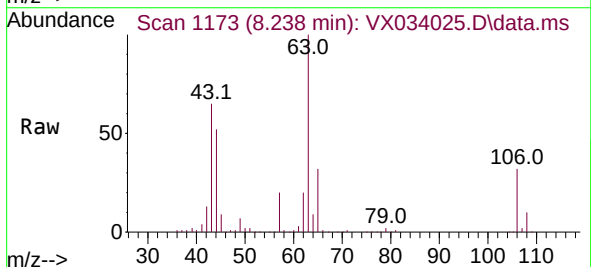
Acq: 06 Feb 2023 14:14

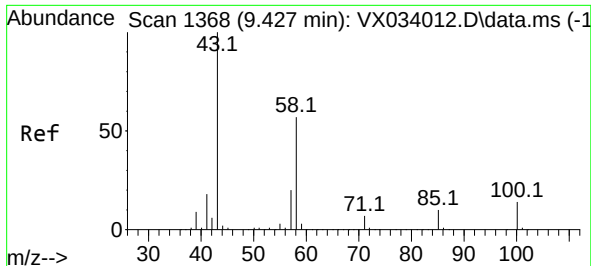
Tgt Ion: 63 Resp: 235869

Ion Ratio Lower Upper

63 100

106 32.4 24.5 36.7





#59

2-Hexanone

Concen: 262.389 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 328379

Ion Ratio Lower Upper

43 100

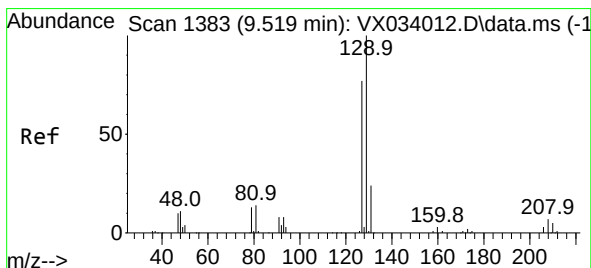
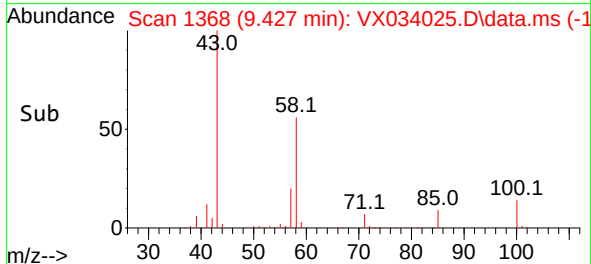
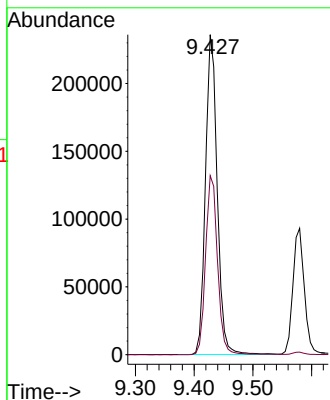
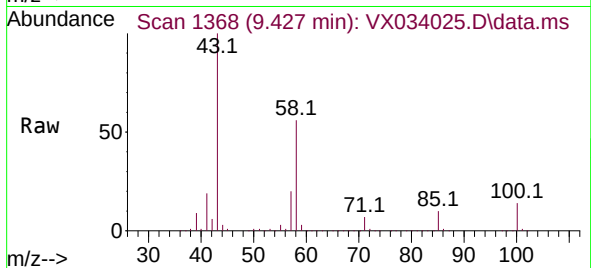
58 56.9 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#60

Dibromochloromethane

Concen: 53.741 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034025.D

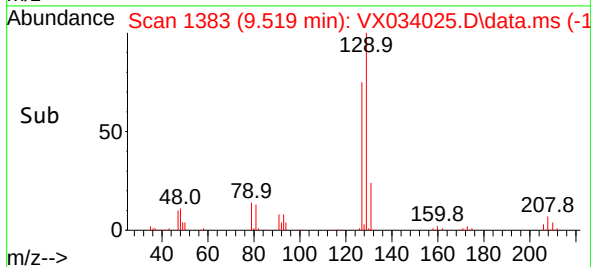
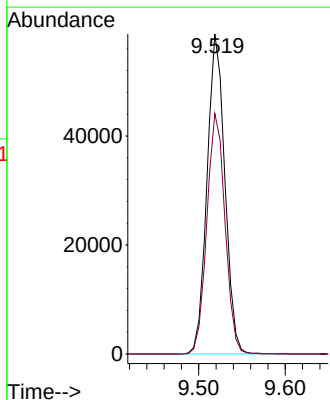
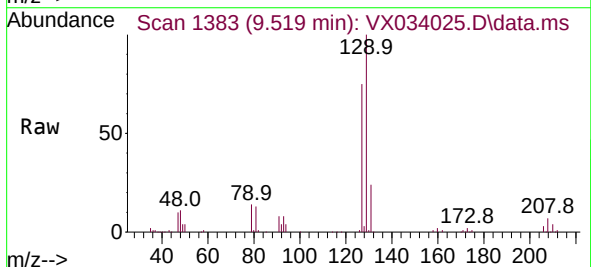
Acq: 06 Feb 2023 14:14

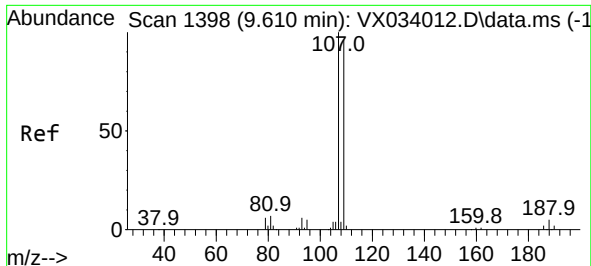
Tgt Ion:129 Resp: 83718

Ion Ratio Lower Upper

129 100

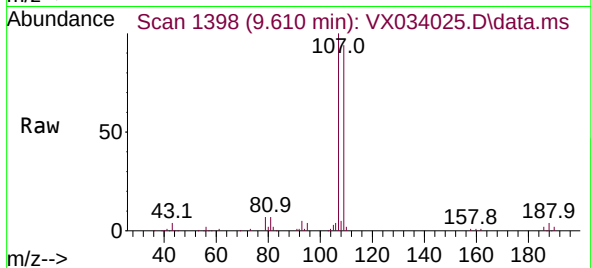
127 76.6 38.8 116.3





#61
1,2-Dibromoethane
Concen: 52.456 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

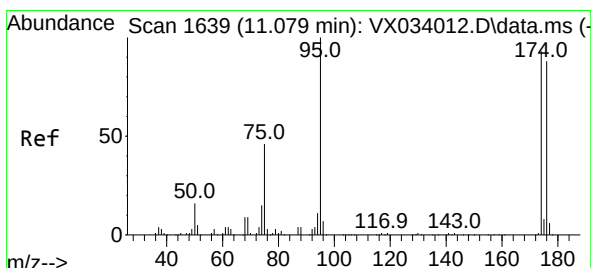
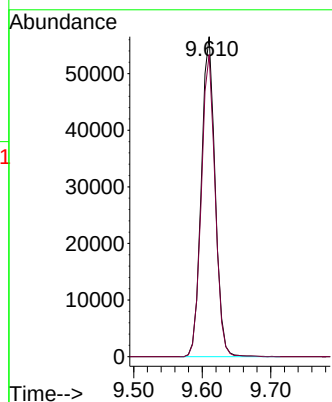
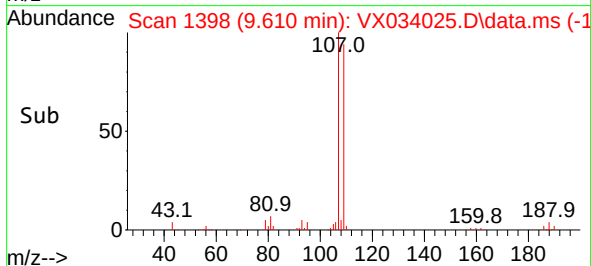
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



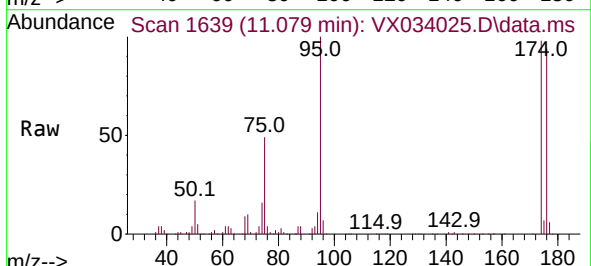
Tgt Ion:107 Resp: 7928
Ion Ratio Lower Upper
107 100
109 94.6 74.2 111.2

Manual Integrations
APPROVED

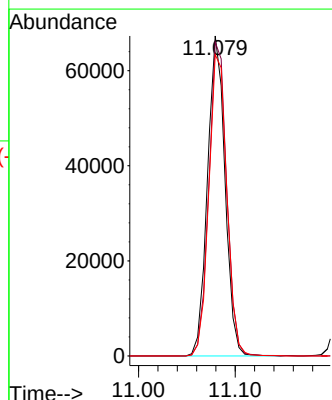
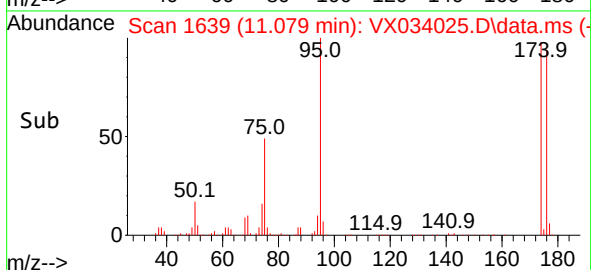
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

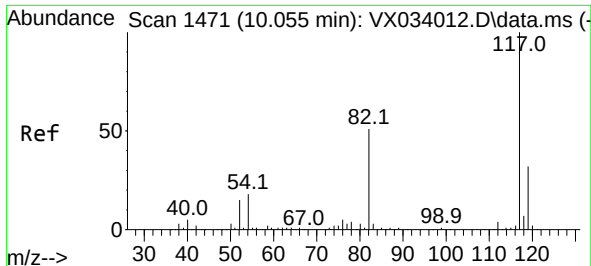


#62
4-Bromofluorobenzene
Concen: 48.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



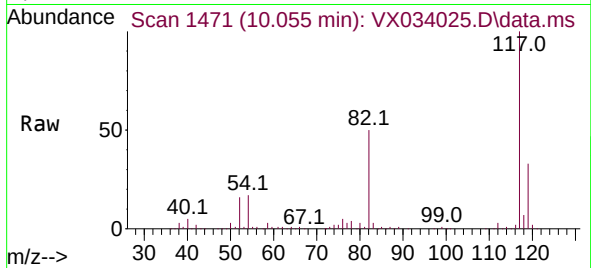
Tgt Ion: 95 Resp: 84929
Ion Ratio Lower Upper
95 100
174 99.9 0.0 184.4
176 96.7 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

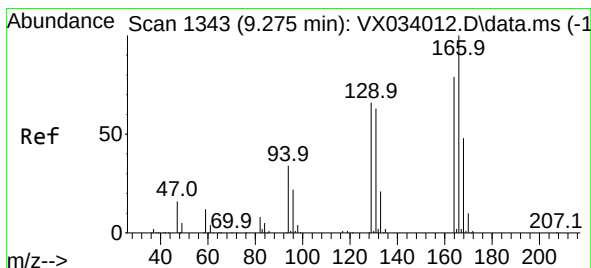
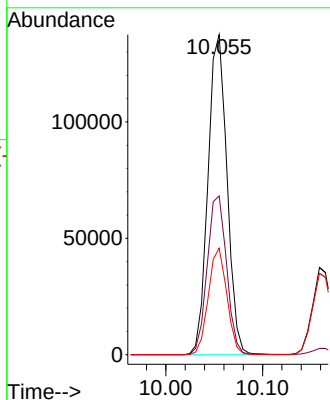
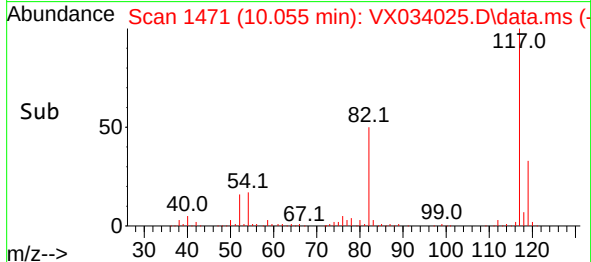
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 188199
Ion Ratio Lower Upper
117 100
82 49.6 40.6 60.8
119 33.3 25.6 38.4

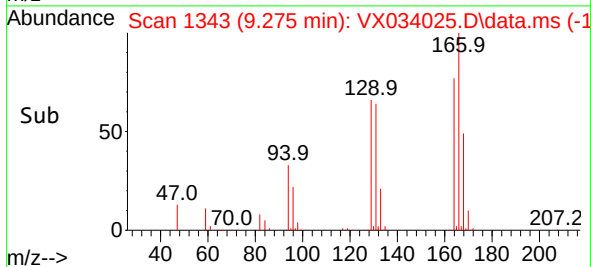
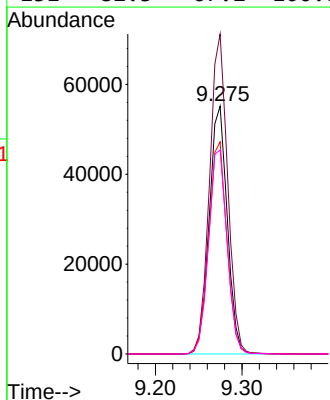
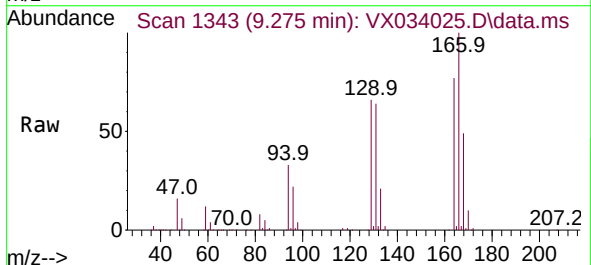
Manual Integrations
APPROVED

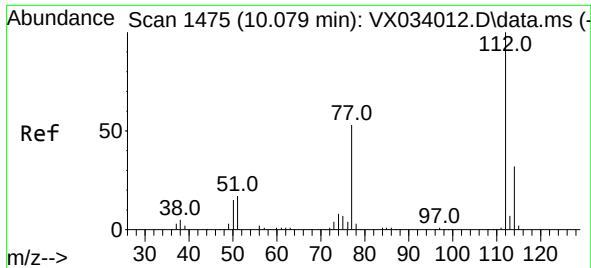
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#64
Tetrachloroethene
Concen: 50.803 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

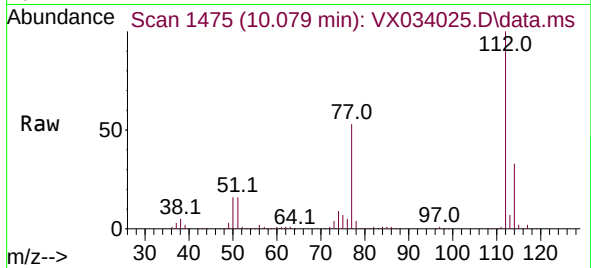
Tgt Ion:164 Resp: 79834
Ion Ratio Lower Upper
164 100
166 129.1 100.2 150.2
129 85.6 69.2 103.8
131 82.3 67.2 100.8





#65
Chlorobenzene
Concen: 52.298 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

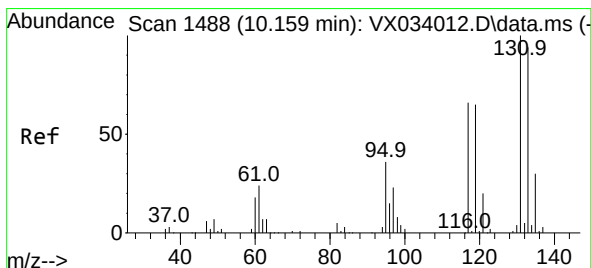
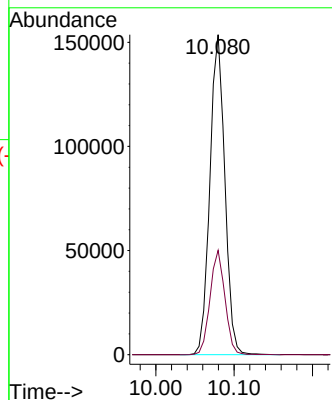
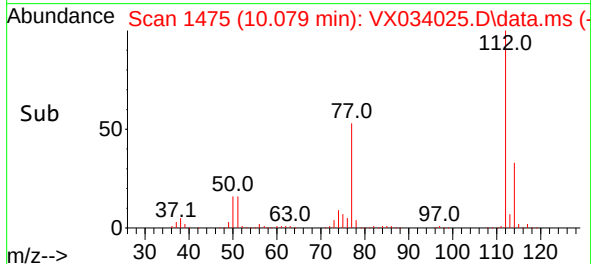
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



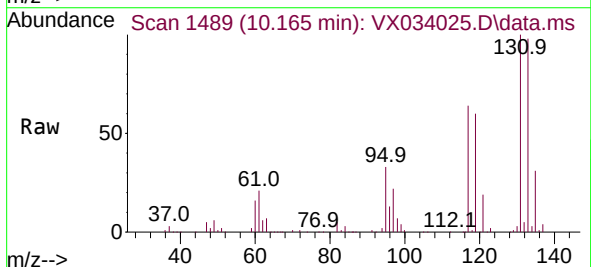
Tgt Ion:112 Resp: 203270
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4

Manual Integrations
APPROVED

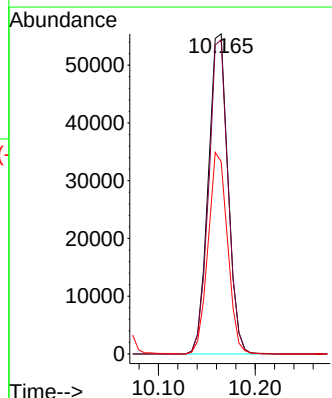
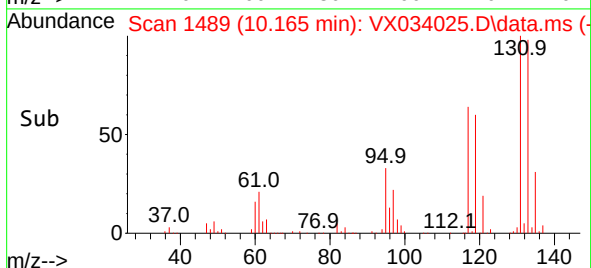
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

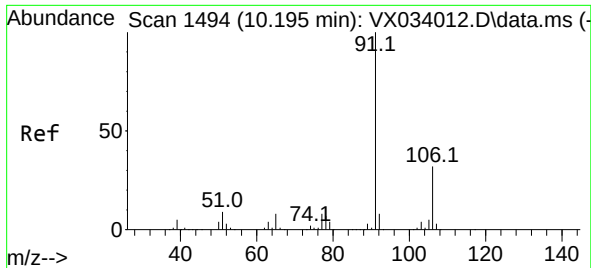


#66
1,1,1,2-Tetrachloroethane
Concen: 53.549 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



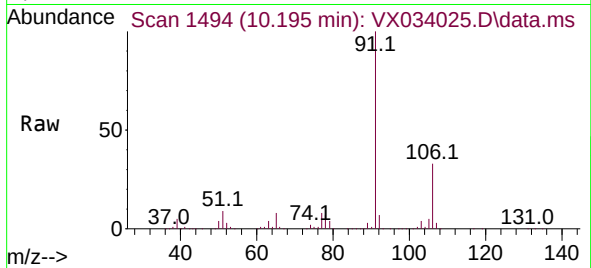
Tgt Ion:131 Resp: 78653
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.0
119 62.0 31.9 95.7





#67
Ethyl Benzene
Concen: 52.708 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

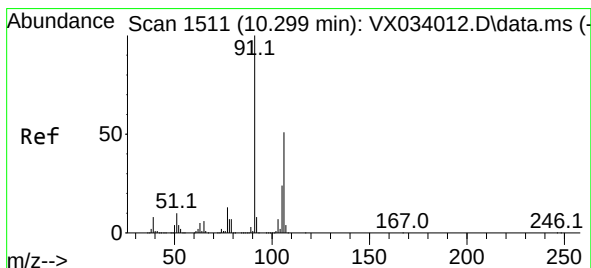
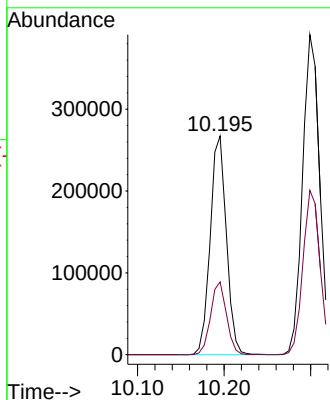
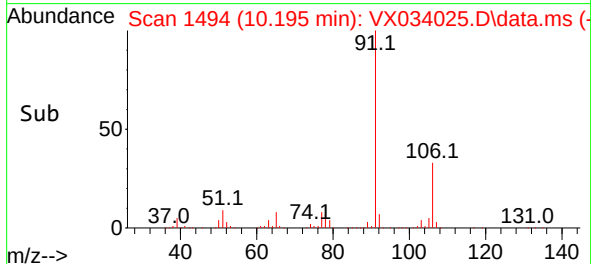
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



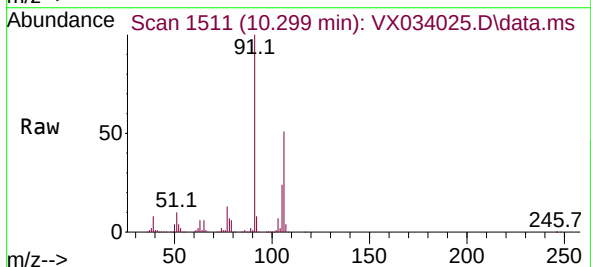
Tgt Ion: 91 Resp: 346758
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.8

Manual Integrations
APPROVED

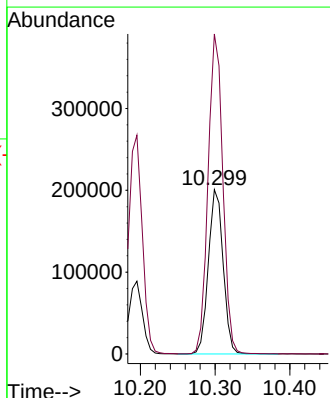
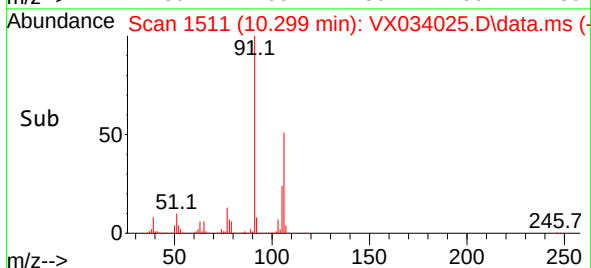
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

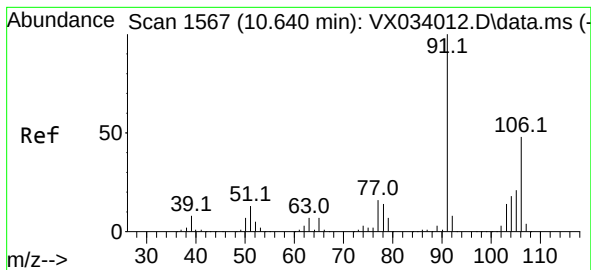


#68
m/p-Xylenes
Concen: 104.599 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion:106 Resp: 275062
Ion Ratio Lower Upper
106 100
91 194.9 156.4 234.6





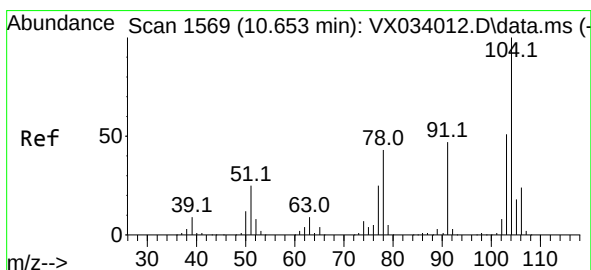
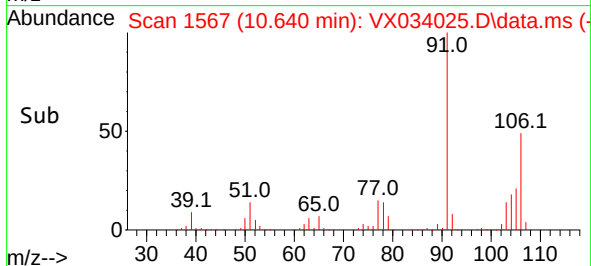
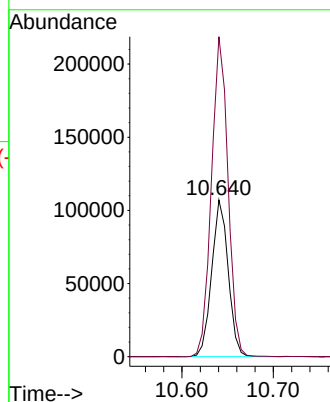
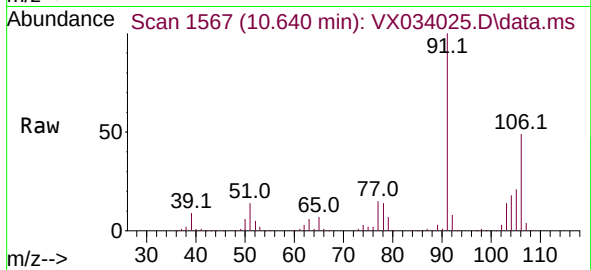
#69
o-Xylene
Concen: 53.092 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 134088
Ion Ratio Lower Upper
106 100
91 204.9 103.1 309.3

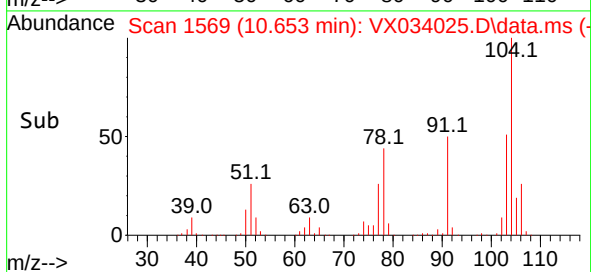
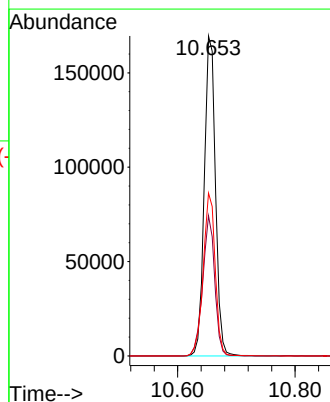
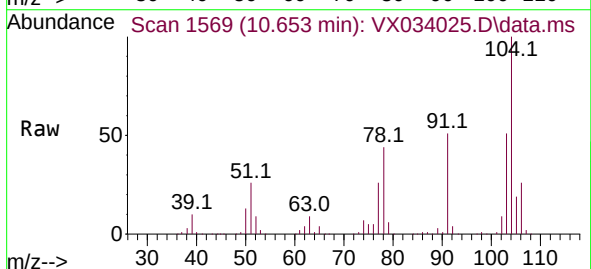
Manual Integrations
APPROVED

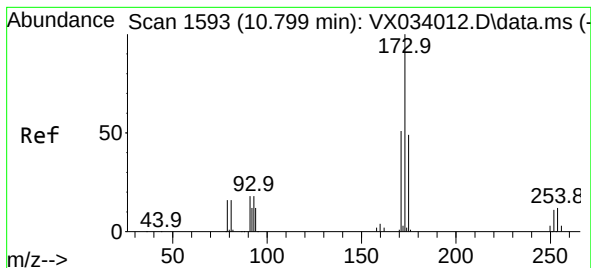
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#70
Styrene
Concen: 54.047 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Tgt Ion:104 Resp: 224818
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 54.7 43.3 64.9





#71

Bromoform

Concen: 56.203 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

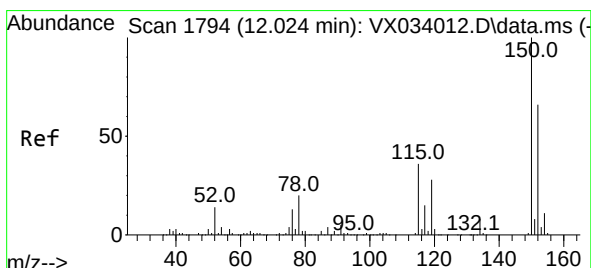
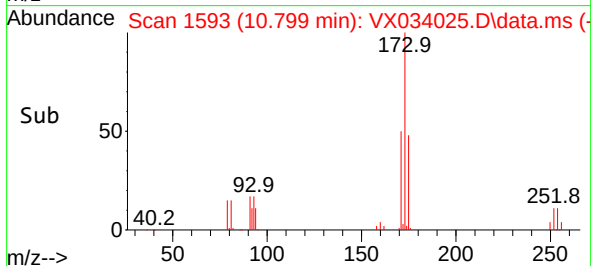
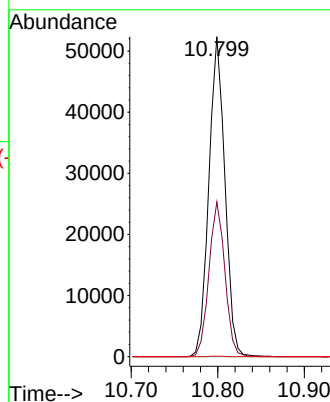
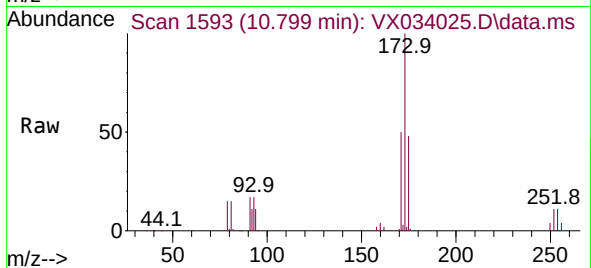
Tgt Ion:173 Resp: 67330
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.1 72.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

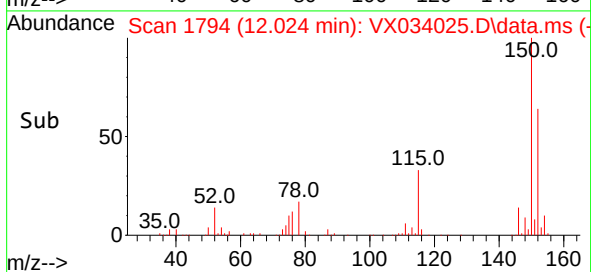
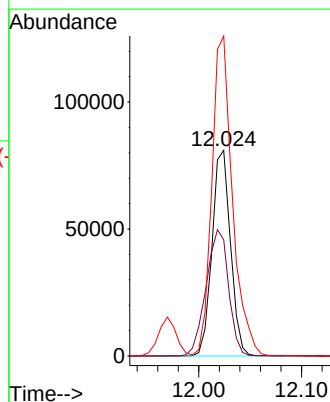
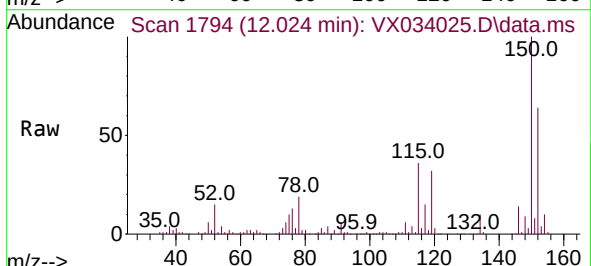
RT: 12.024 min Scan# 1794

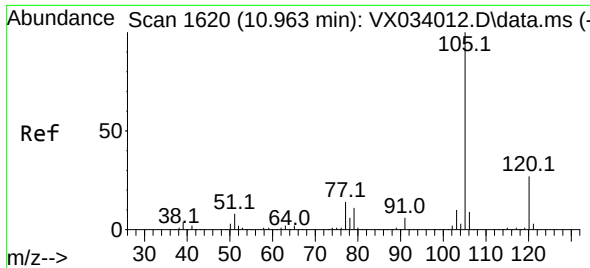
Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

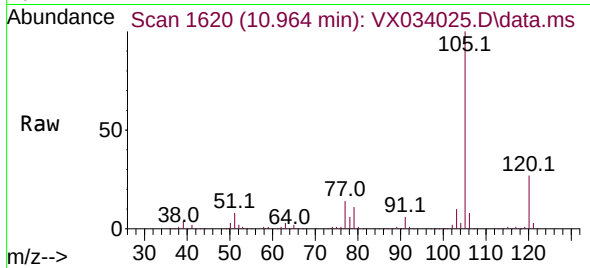
Tgt Ion:152 Resp: 100970
 Ion Ratio Lower Upper
 152 100
 115 75.0 38.7 116.1
 150 173.6 0.0 348.2





#73
Isopropylbenzene
Concen: 52.359 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

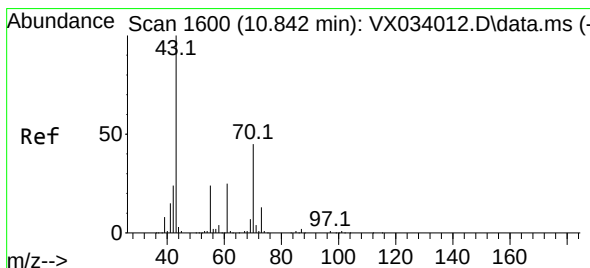
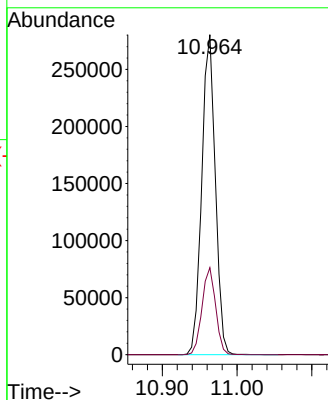
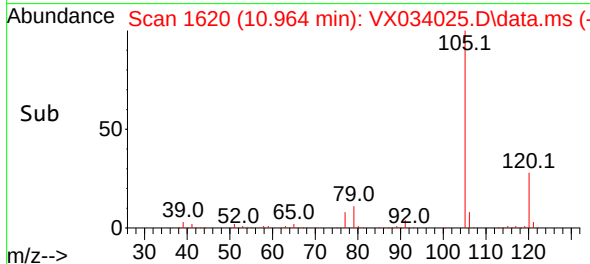
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



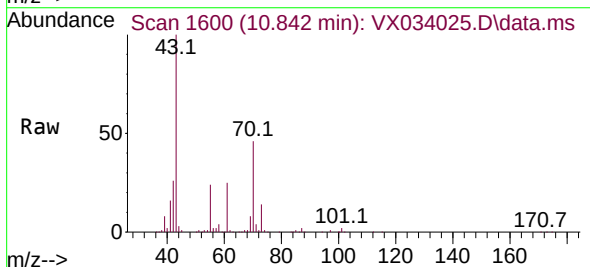
Tgt Ion:105 Resp: 353318
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

Manual Integrations
APPROVED

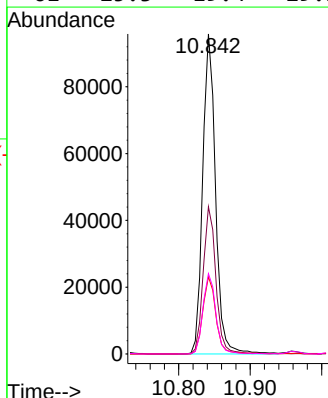
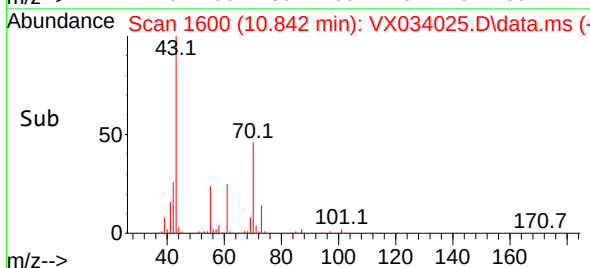
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

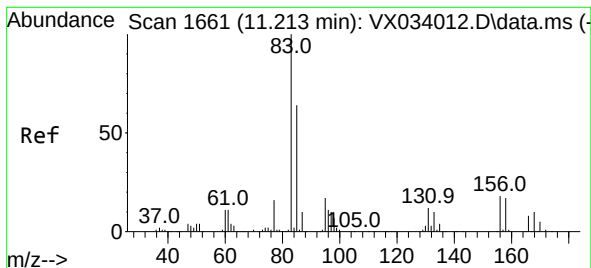


#74
N-ethyl acetate
Concen: 53.770 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion: 43 Resp: 119534
Ion Ratio Lower Upper
43 100
70 45.9 34.8 52.2
55 24.7 19.4 29.0
61 25.3 19.4 29.2





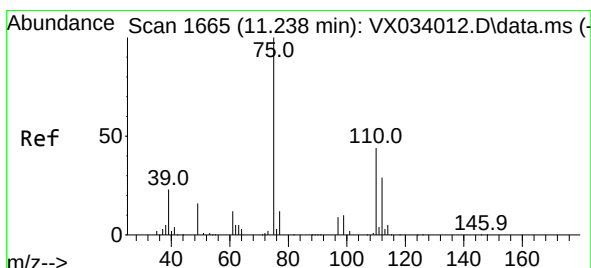
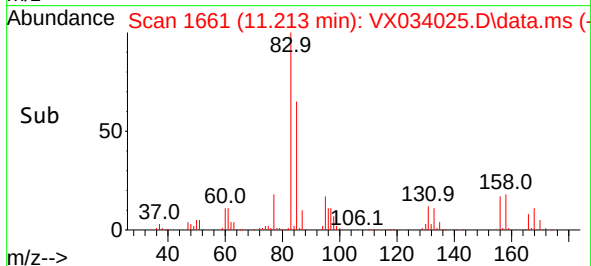
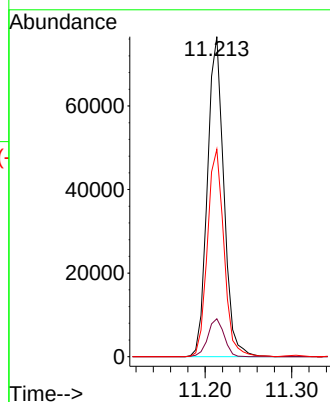
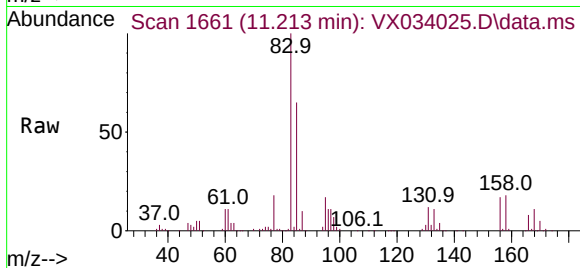
#75
1,1,2,2-Tetrachloroethane
Concen: 49.678 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10086
Ion Ratio Lower Upper
83 100
131 11.7 5.5 16.7
85 65.3 32.3 96.9

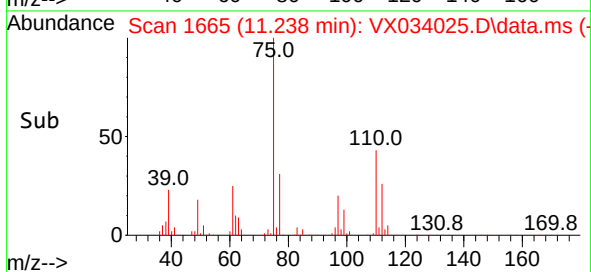
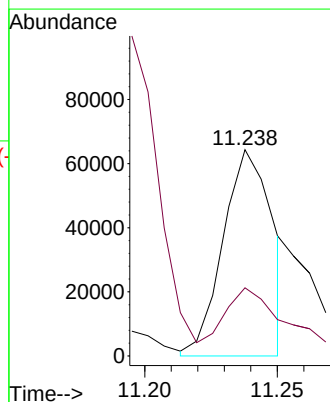
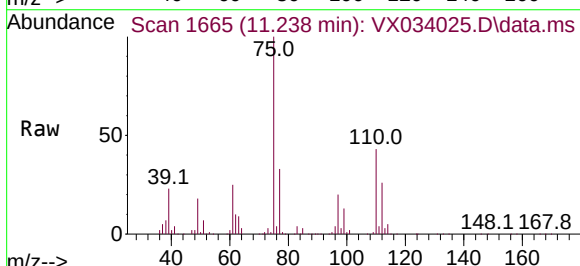
Manual Integrations
APPROVED

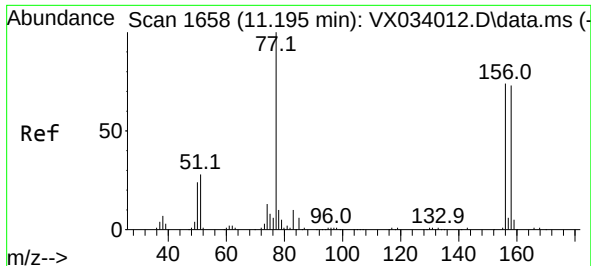
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#76
1,2,3-Trichloropropane
Concen: 47.914 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

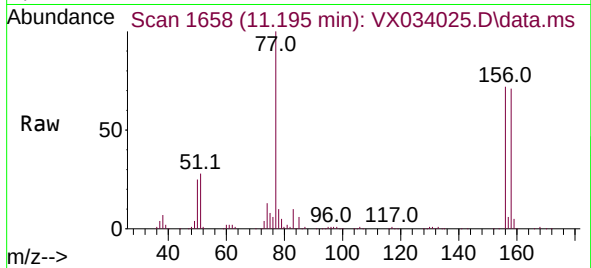
Tgt Ion: 75 Resp: 83070
Ion Ratio Lower Upper
75 100
77 42.7 21.8 65.4





#77
Bromobenzene
Concen: 51.444 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

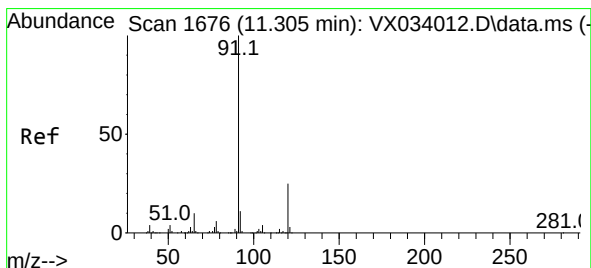
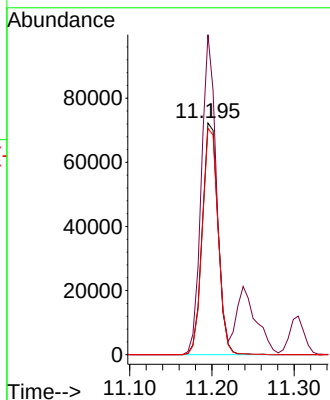
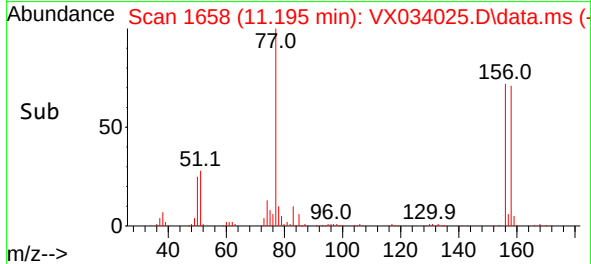
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



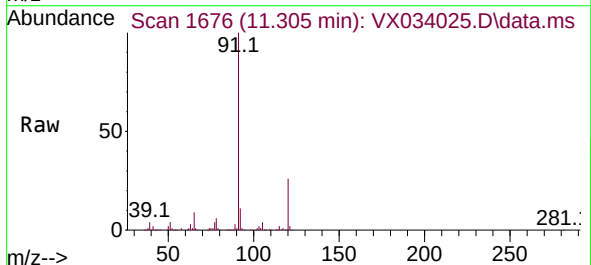
Tgt Ion:156 Resp: 96262
Ion Ratio Lower Upper
156 100
77 130.7 68.1 204.3
158 98.0 48.0 144.2

Manual Integrations
APPROVED

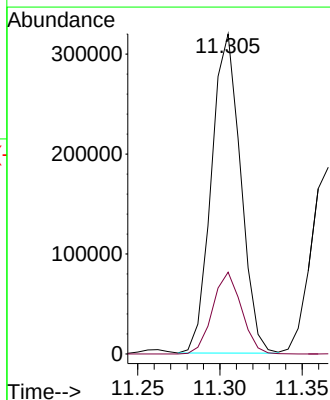
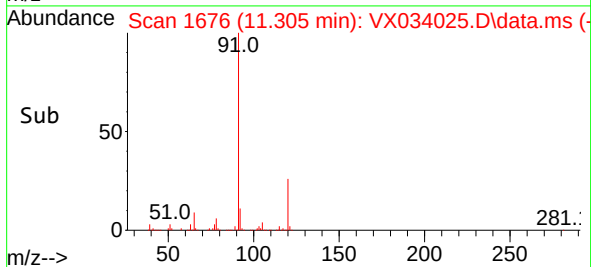
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

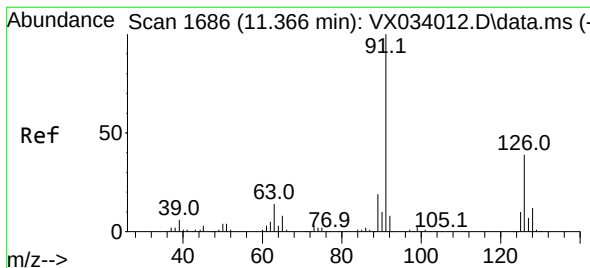


#78
n-propylbenzene
Concen: 52.909 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



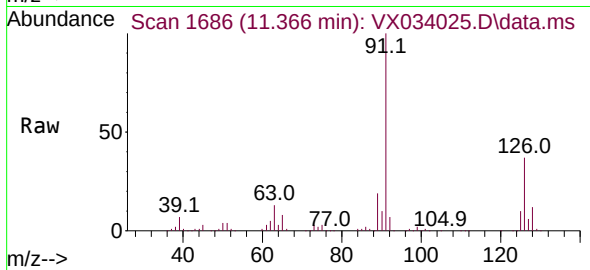
Tgt Ion: 91 Resp: 394760
Ion Ratio Lower Upper
91 100
120 25.2 12.3 36.8





#79
2-Chlorotoluene
Concen: 51.537 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

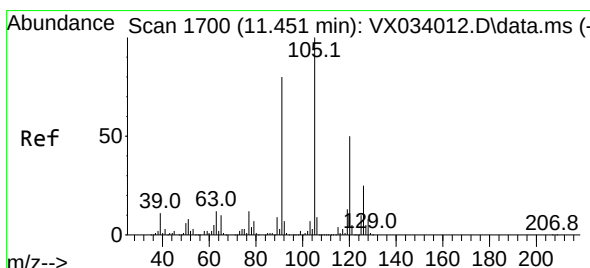
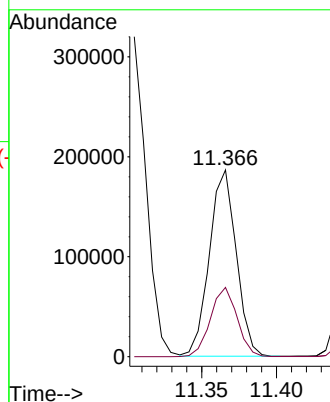
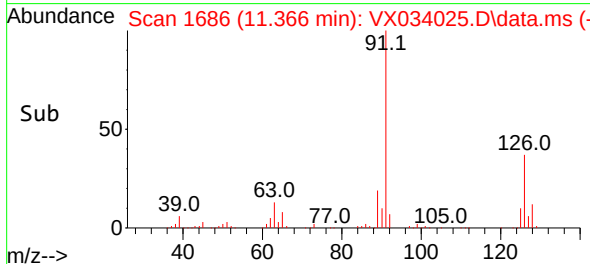
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



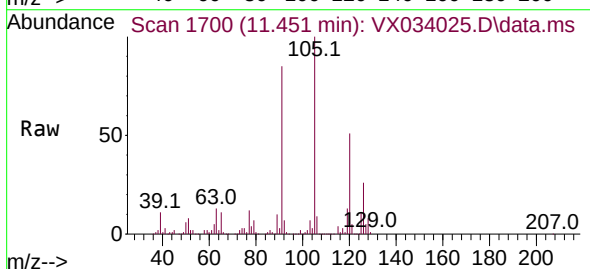
Tgt Ion: 91 Resp: 232828
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.1

Manual Integrations
APPROVED

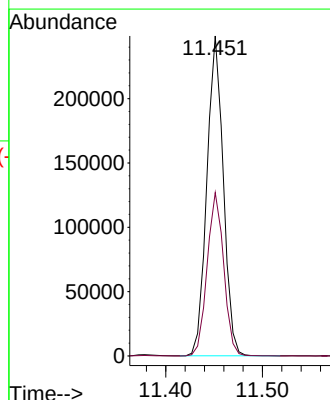
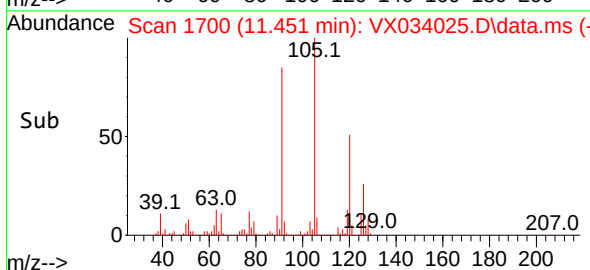
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

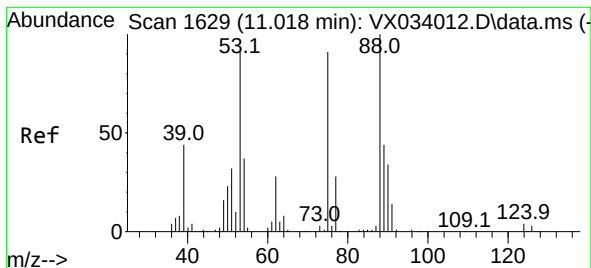


#80
1,3,5-Trimethylbenzene
Concen: 52.342 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



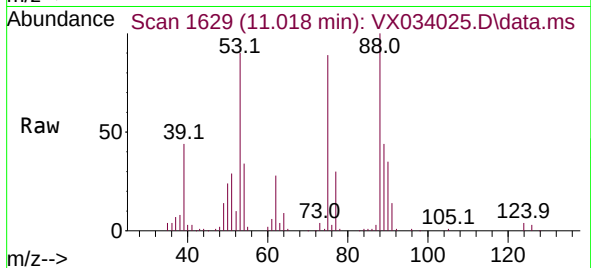
Tgt Ion:105 Resp: 294002
Ion Ratio Lower Upper
105 100
120 51.5 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.188 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

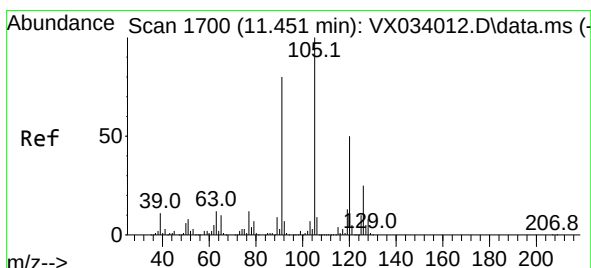
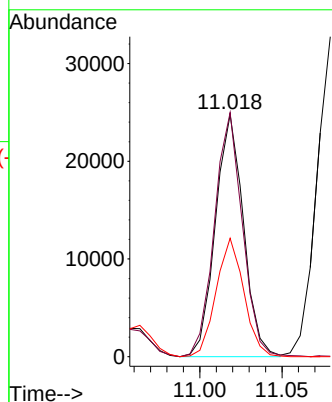
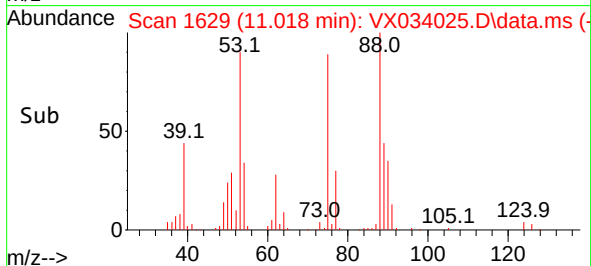
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



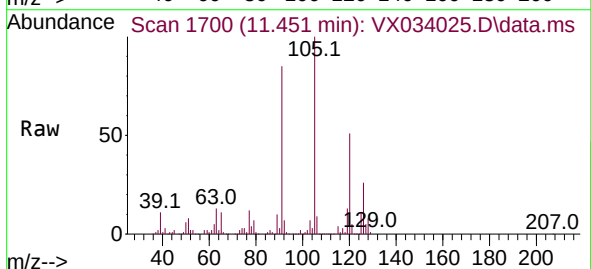
Tgt Ion: 75 Resp: 29380
Ion Ratio Lower Upper
75 100
53 100.7 83.0 124.6
89 48.3 37.7 56.5

Manual Integrations
APPROVED

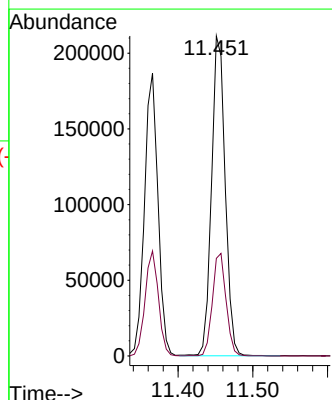
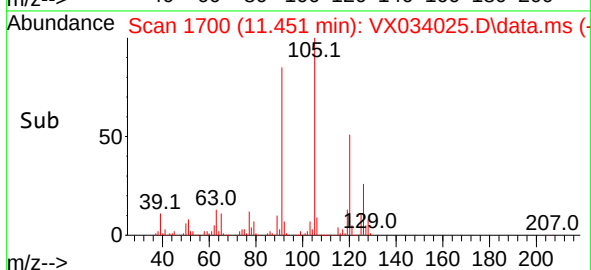
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

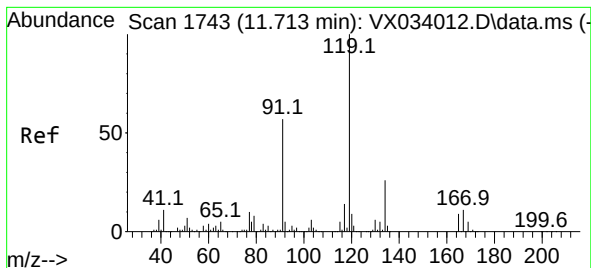


#82
4-Chlorotoluene
Concen: 52.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion: 91 Resp: 267532
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 52.259 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 303258

Ion Ratio Lower Upper

119 100

91 53.2 26.9 80.7

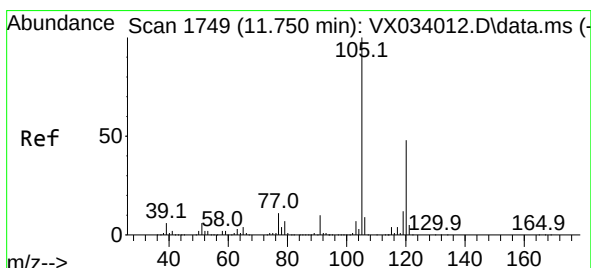
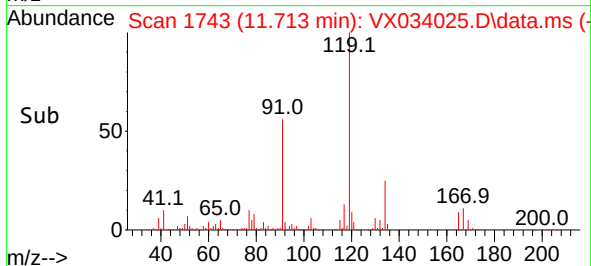
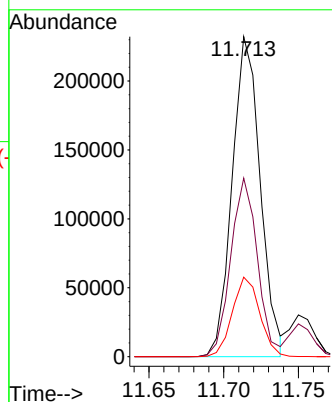
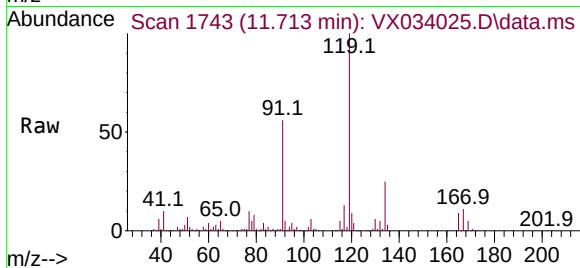
134 24.3 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.584 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034025.D

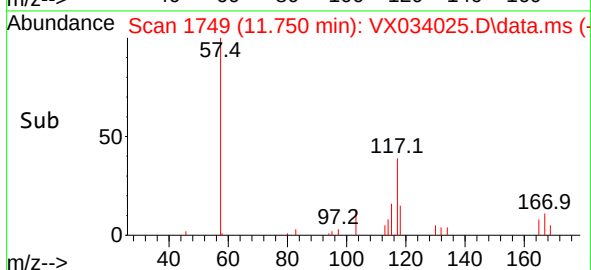
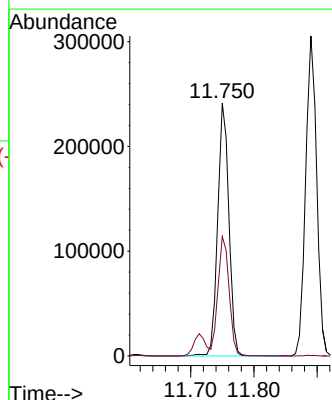
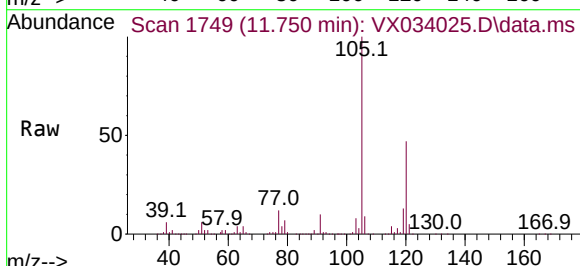
Acq: 06 Feb 2023 14:14

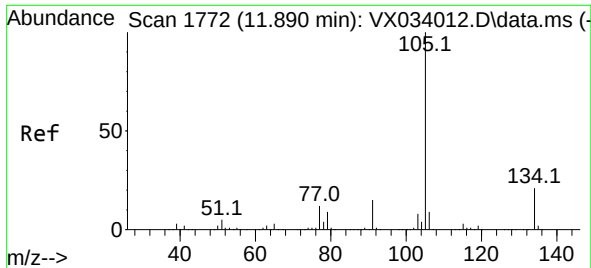
Tgt Ion:105 Resp: 295079

Ion Ratio Lower Upper

105 100

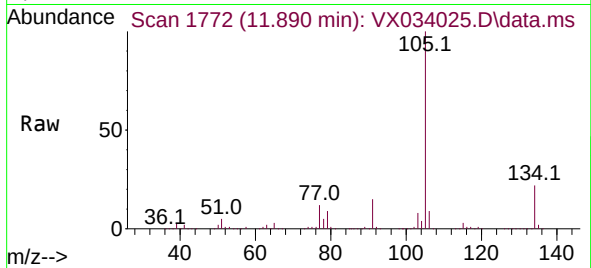
120 46.8 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 53.012 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034025.D
 Acq: 06 Feb 2023 14:14

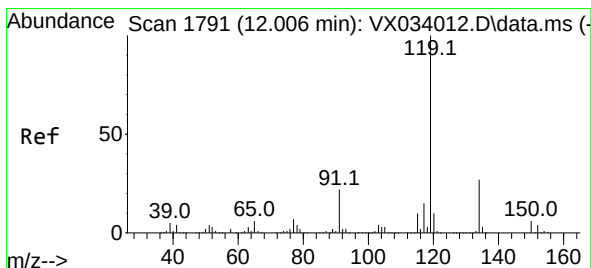
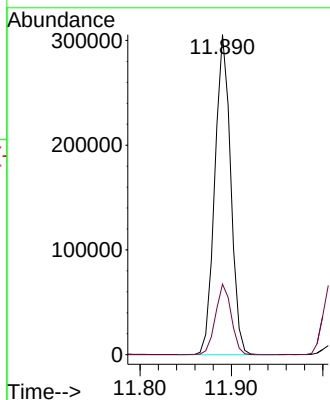
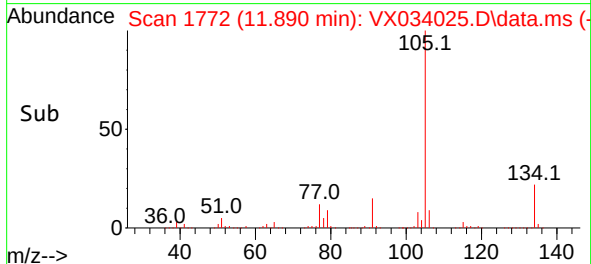
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



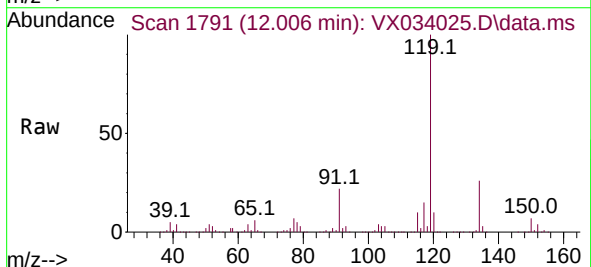
Tgt Ion:105 Resp: 368061
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.8 32.3

Manual Integrations
 APPROVED

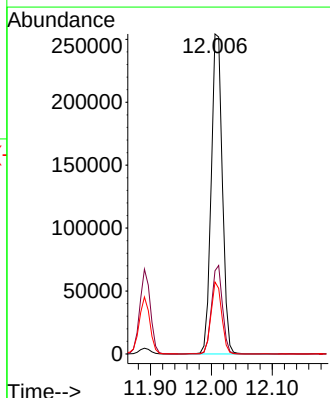
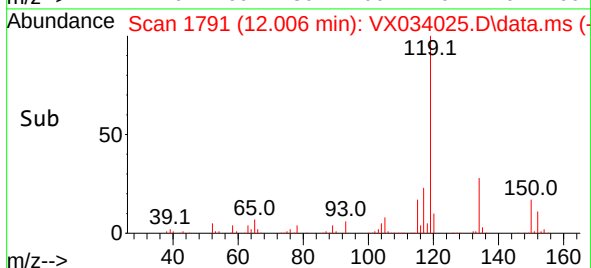
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

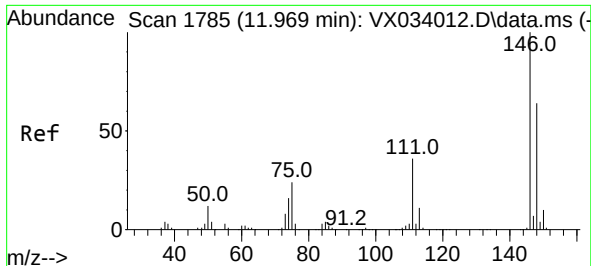


#86
 p-Isopropyltoluene
 Concen: 52.826 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034025.D
 Acq: 06 Feb 2023 14:14



Tgt Ion:119 Resp: 321685
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 52.147 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 179040

Ion Ratio Lower Upper

146 100

111 35.5 18.6 55.6

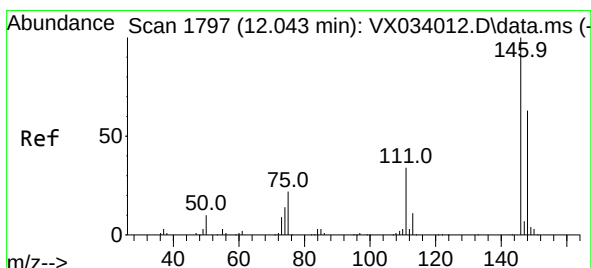
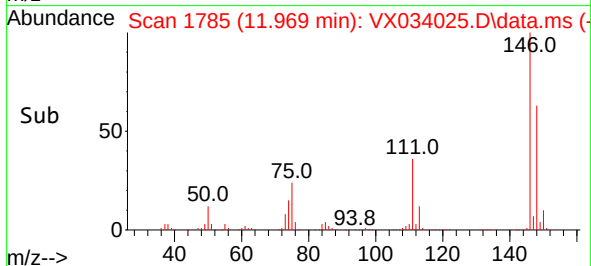
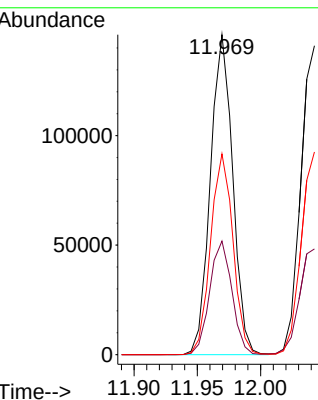
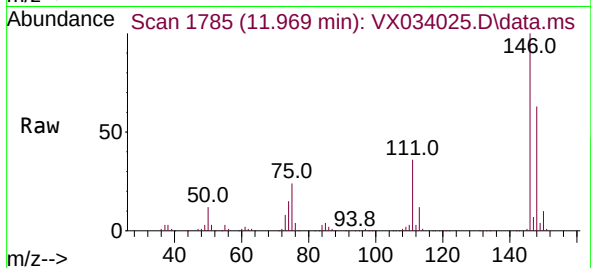
148 63.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#88

1,4-Dichlorobenzene

Concen: 51.290 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

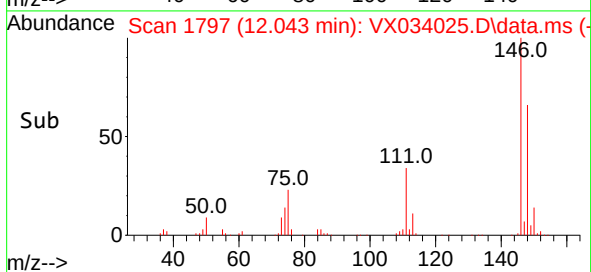
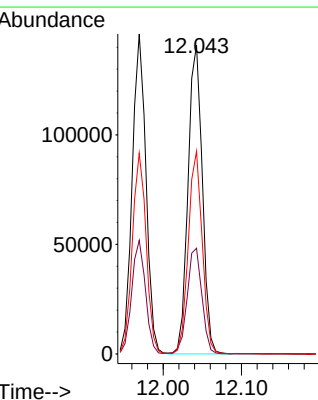
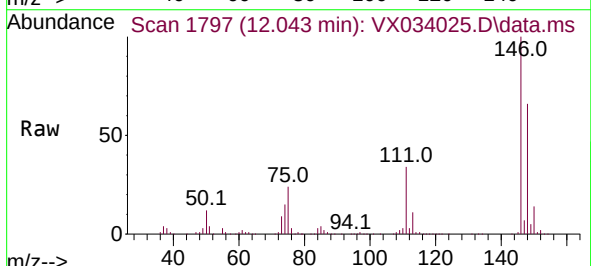
Tgt Ion:146 Resp: 178792

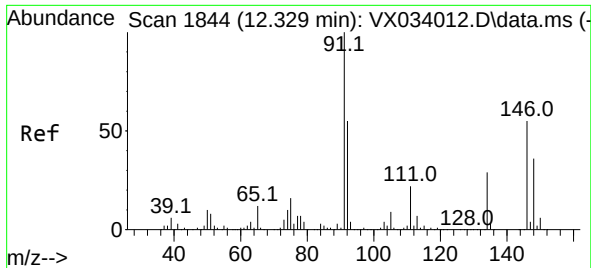
Ion Ratio Lower Upper

146 100

111 35.4 17.8 53.4

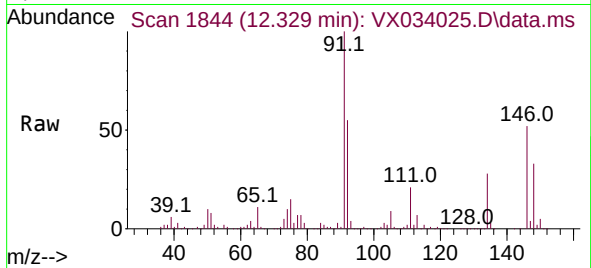
148 64.2 32.1 96.3





#89
n-Butylbenzene
Concen: 54.003 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

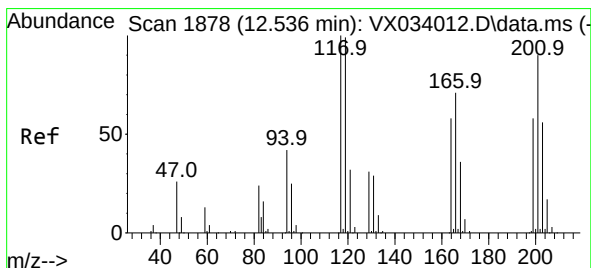
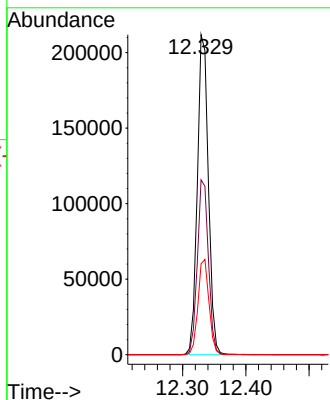
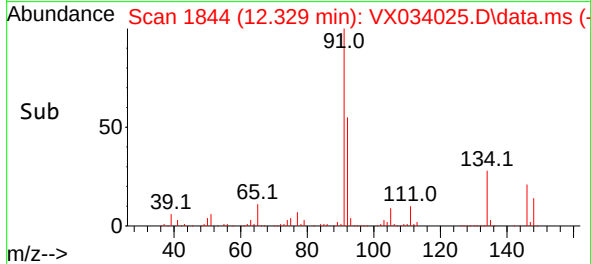
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 257828
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 29.7 14.3 42.9

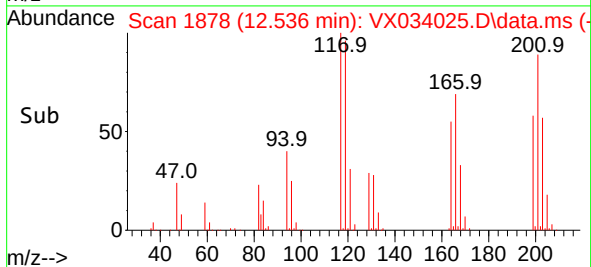
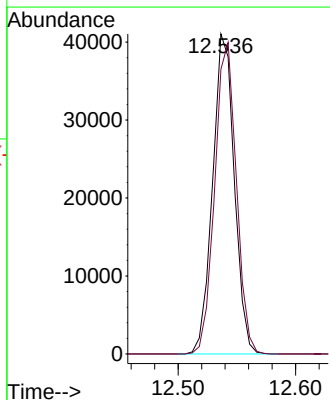
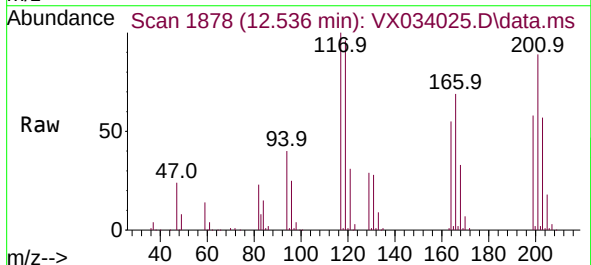
Manual Integrations
APPROVED

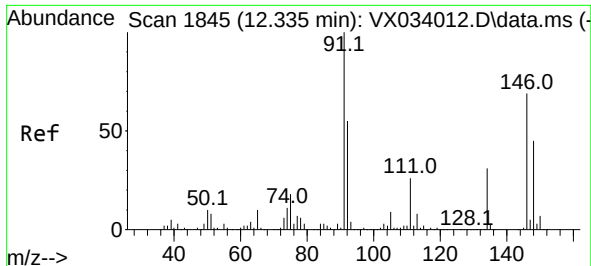
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#90
Hexachloroethane
Concen: 54.853 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

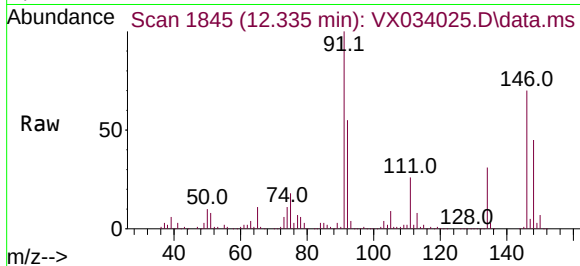
Tgt Ion:117 Resp: 52585
Ion Ratio Lower Upper
117 100
201 97.0 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.140 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

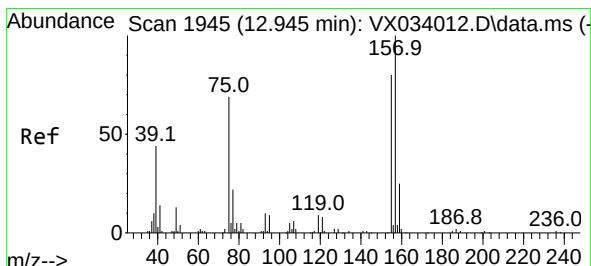
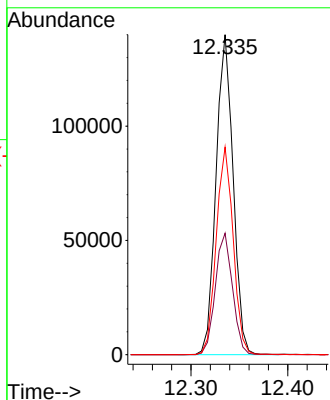
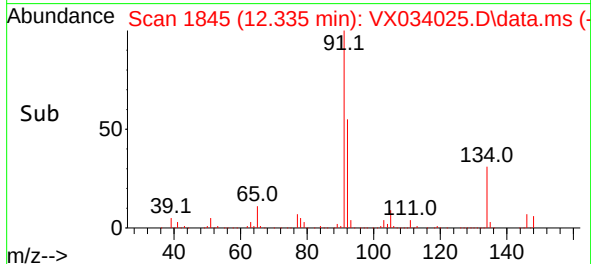
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



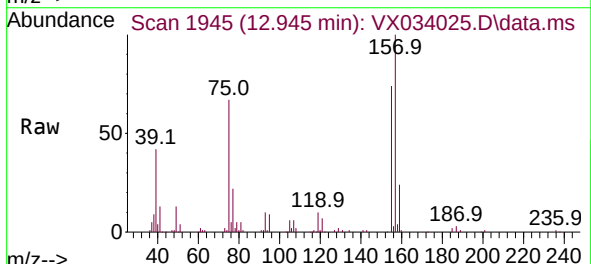
Tgt Ion:146 Resp: 171249
Ion Ratio Lower Upper
146 100
111 38.3 19.3 57.8
148 64.6 32.3 96.9

Manual Integrations
APPROVED

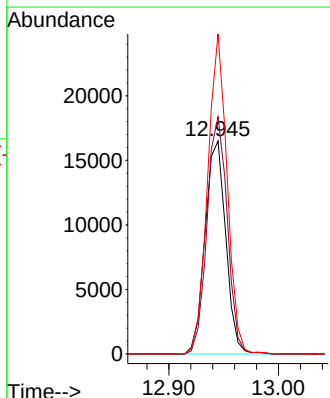
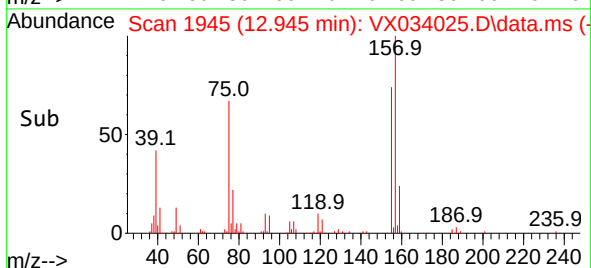
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

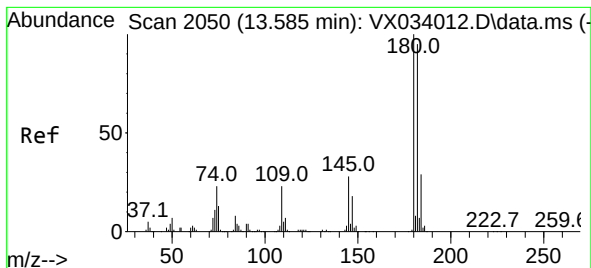


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.274 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion: 75 Resp: 21669
Ion Ratio Lower Upper
75 100
155 109.1 51.7 155.1
157 141.2 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 53.990 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

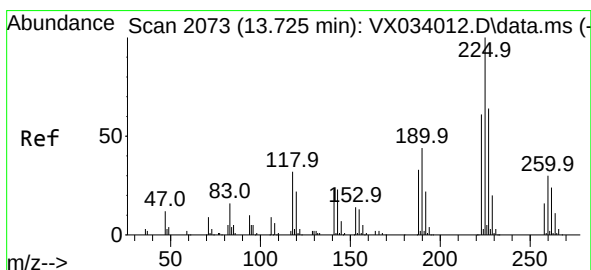
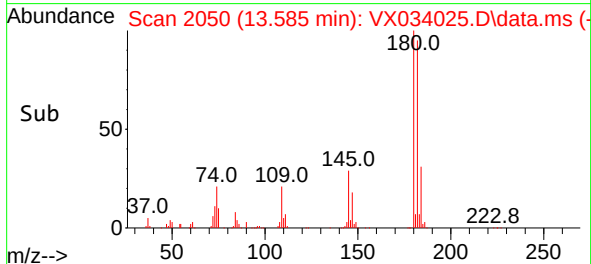
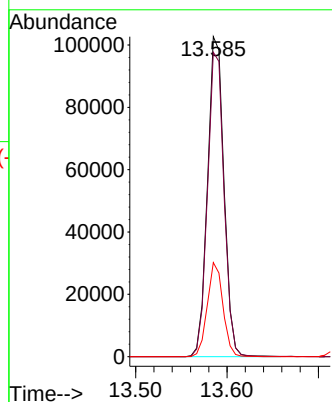
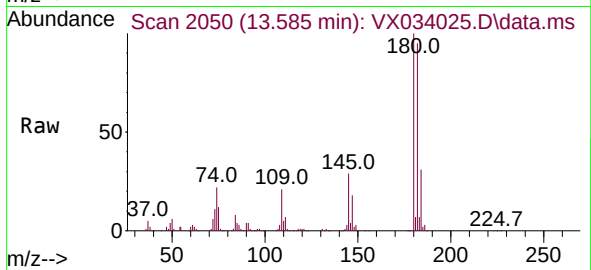
Tgt Ion:180	Resp:	127740
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.9 143.6
145	28.1	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#94

Hexachlorobutadiene

Concen: 51.121 ug/l

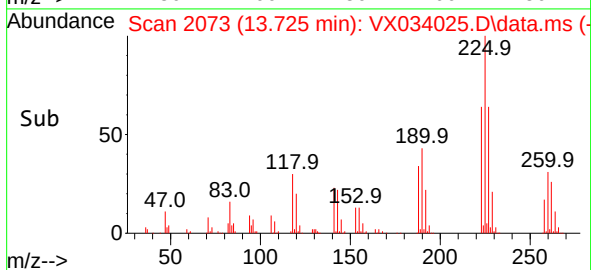
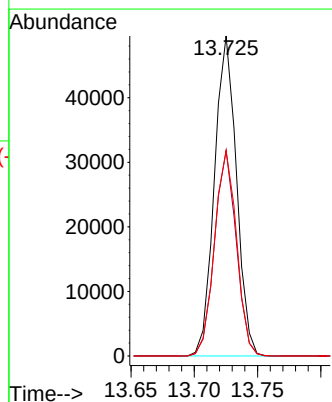
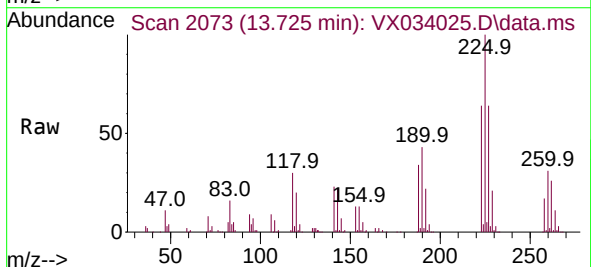
RT: 13.725 min Scan# 2073

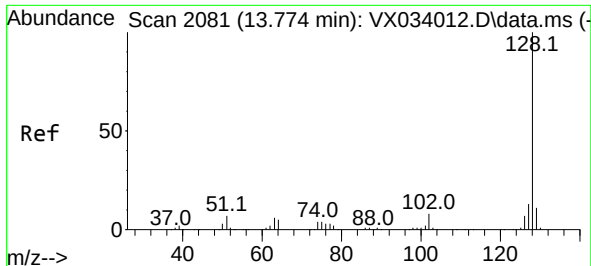
Delta R.T. 0.000 min

Lab File: VX034025.D

Acq: 06 Feb 2023 14:14

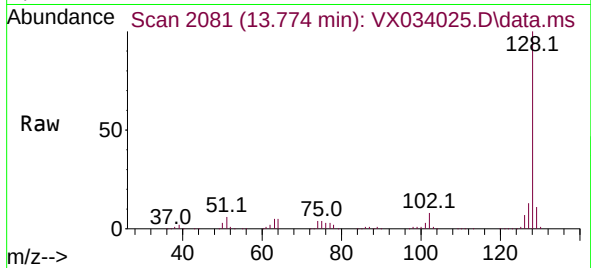
Tgt Ion:225	Resp:	59869
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.3 93.9
227	64.5	32.3 96.9





#95
Naphthalene
Concen: 53.711 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14

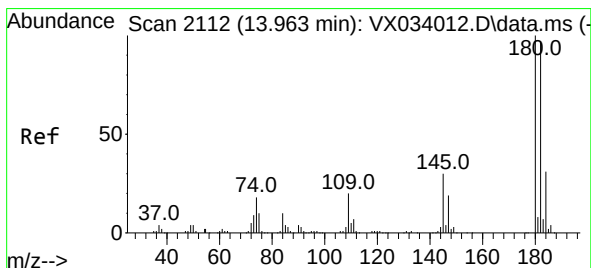
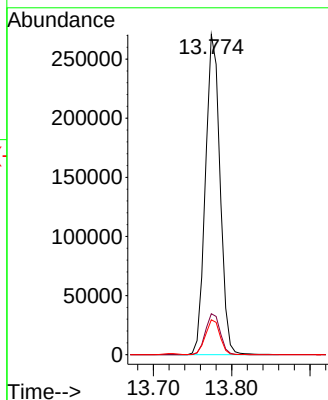
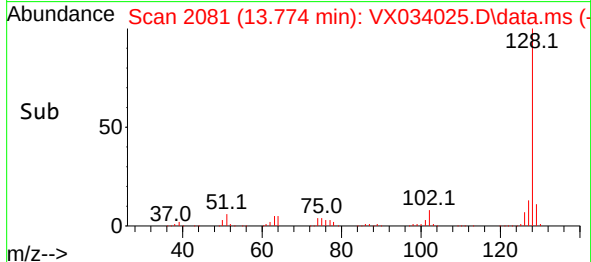
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



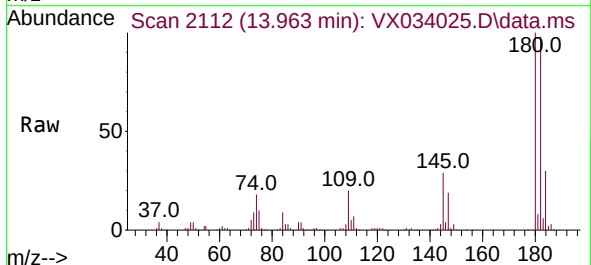
Tgt Ion:128 Resp: 34915
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.115 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034025.D
Acq: 06 Feb 2023 14:14



Tgt Ion:180 Resp: 126236
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.9
145 29.5 15.1 45.3

