

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034543.D
 Acq On : 16 Mar 2023 14:14
 Operator : JC/MD
 Sample : PB151426ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151426ZHE#05

Quant Time: Mar 17 06:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

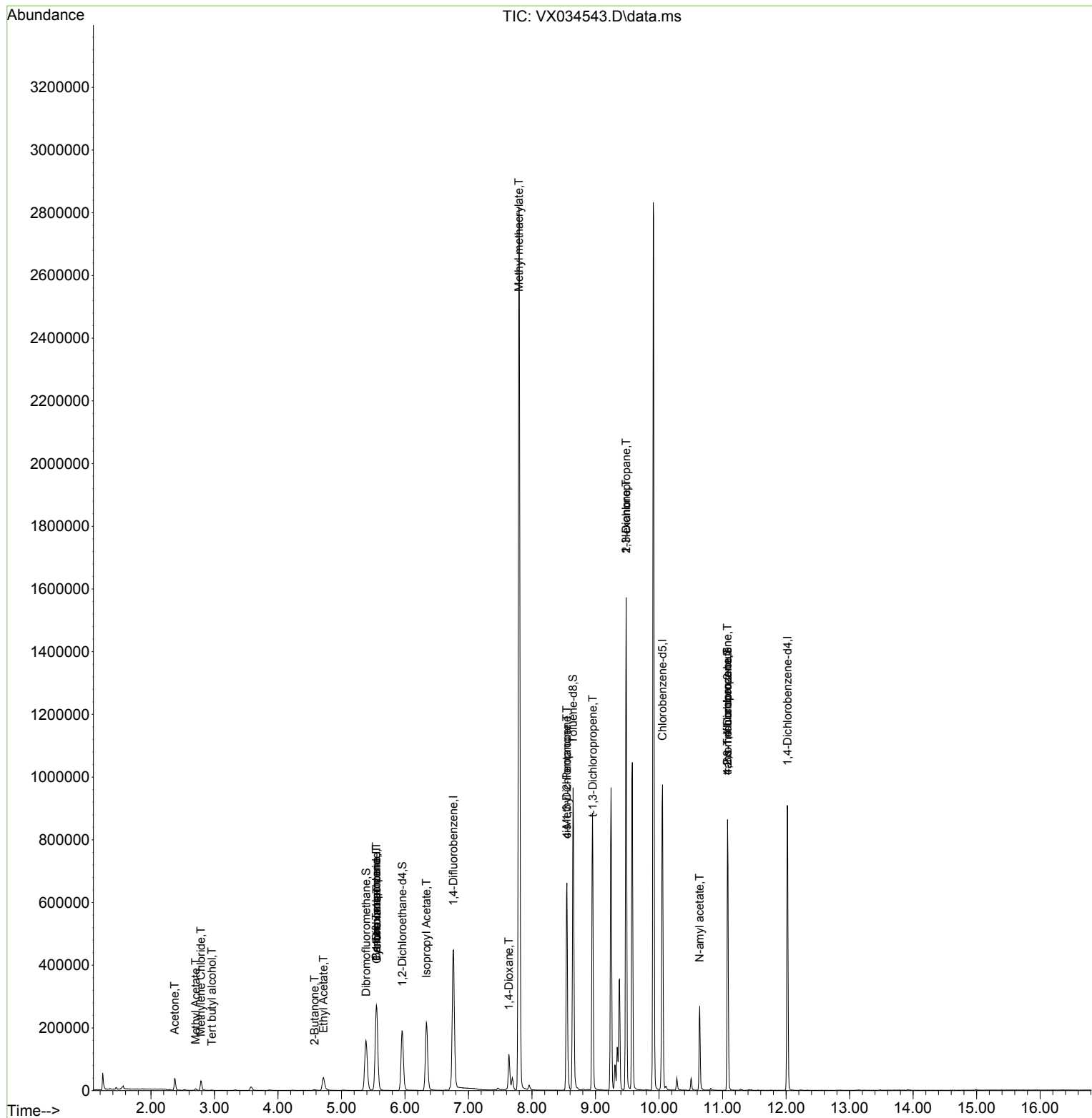
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	257524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	444991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180207	48.101	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.200%
35) Dibromofluoromethane	5.385	113	139173	47.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	547133	49.885	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	219799	49.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	200	Below Cal	#	42
11) Tert butyl alcohol	2.959	59	1143	1.465	ug/l #	73
16) Acetone	2.374	43	39351	22.298	ug/l	100
18) Methyl Acetate	2.703	43	6686	1.159	ug/l	97
20) Methylene Chloride	2.788	84	13155	3.841	ug/l	94
25) 2-Butanone	4.574	43	5464	2.164	ug/l	91
31) Cyclohexane	5.556	56	6331	1.205	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	21100	4.676	ug/l #	51
37) Ethyl Acetate	4.715	43	73647	14.939	ug/l	99
38) Carbon Tetrachloride	5.550	117	27008	6.016	ug/l #	16
43) Isopropyl Acetate	6.336	43	302465	36.216	ug/l	100
48) Methyl methacrylate	7.793	41	252690	62.910	ug/l #	47
49) 1,4-Dioxane	7.635	88	102	1.209	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	234724	48.448	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	1690	0.331	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	100850	18.244	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	12797	2.220	ug/l #	43
59) 2-Hexanone	9.482	43	187809	50.147	ug/l #	52
74) N-amyl acetate	10.640	43	73118	10.635	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	115523	27.090	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115523	73.287	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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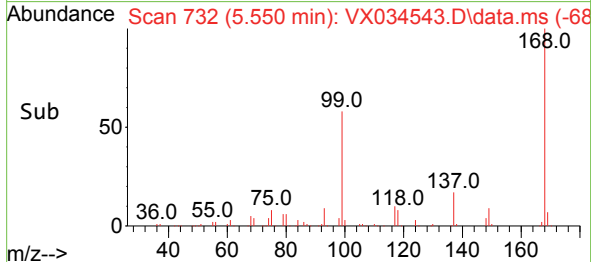
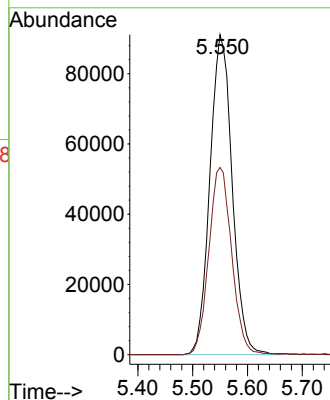
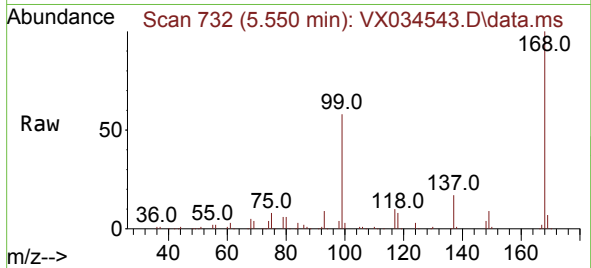




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

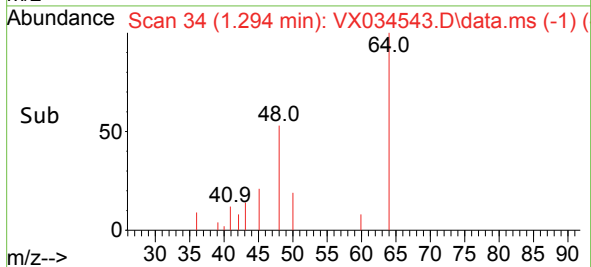
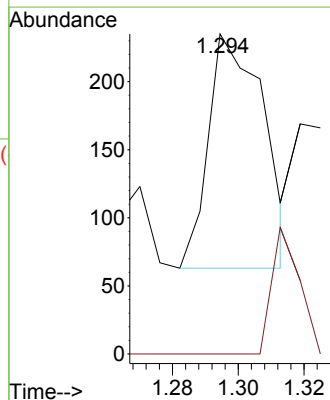
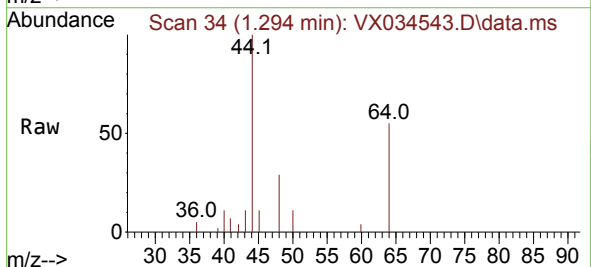
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

Tgt Ion:168 Resp: 257524
Ion Ratio Lower Upper
168 100
99 58.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 50 Resp: 200
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9

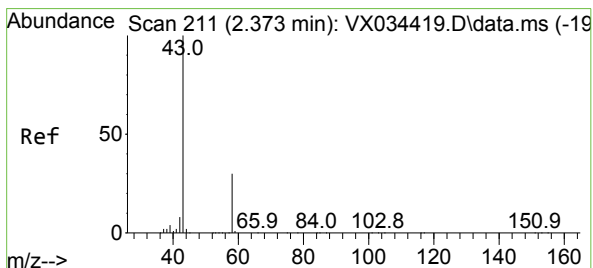
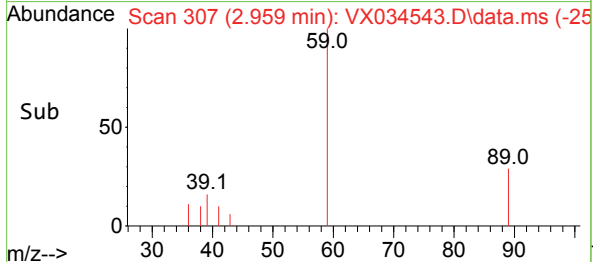
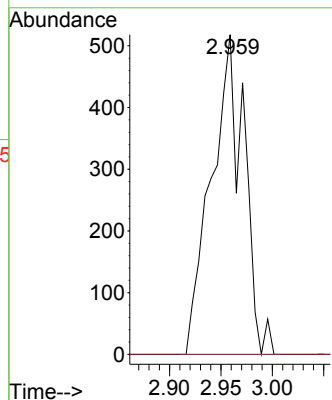
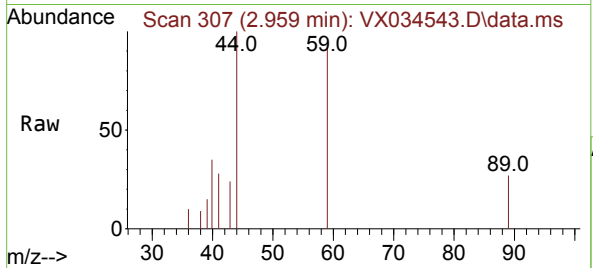




#11
Tert butyl alcohol
Concen: 1.465 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

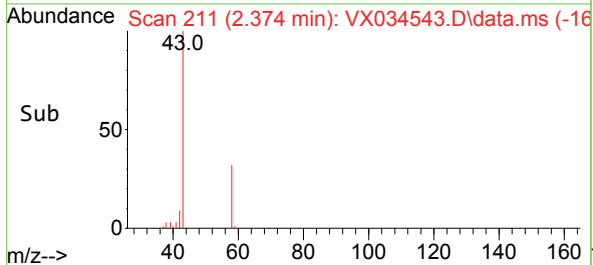
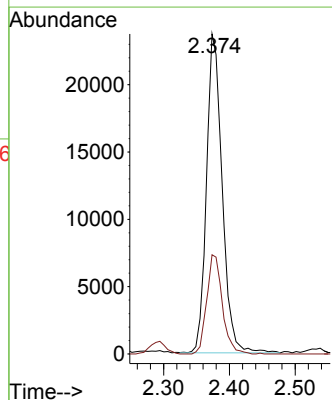
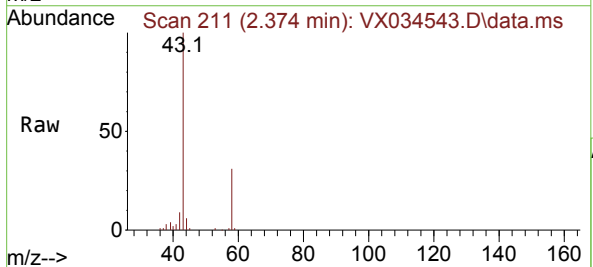
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

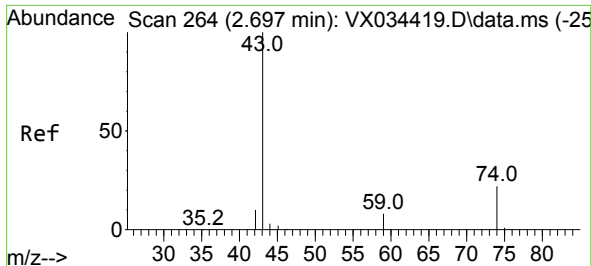
Tgt Ion: 59 Resp: 1143
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 22.298 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 43 Resp: 39351
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1

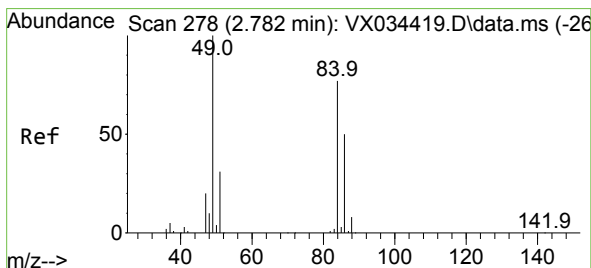
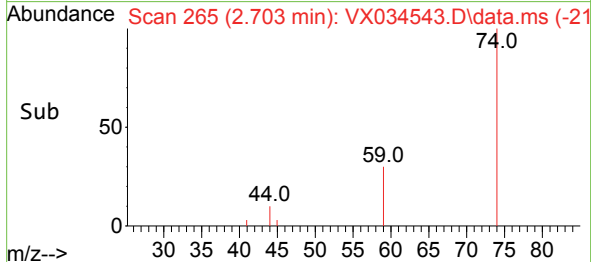
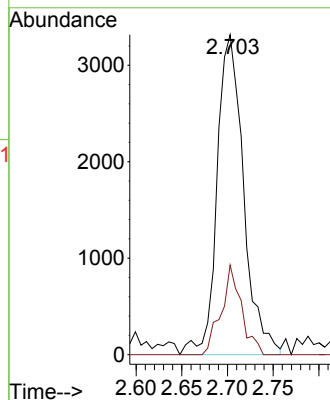
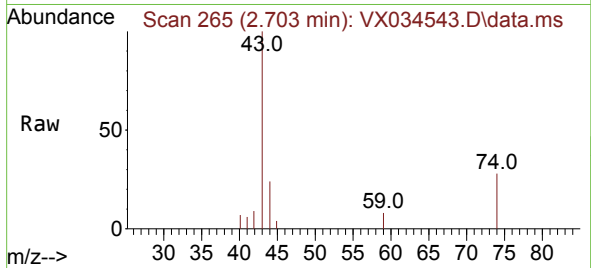




#18
Methyl Acetate
Concen: 1.159 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

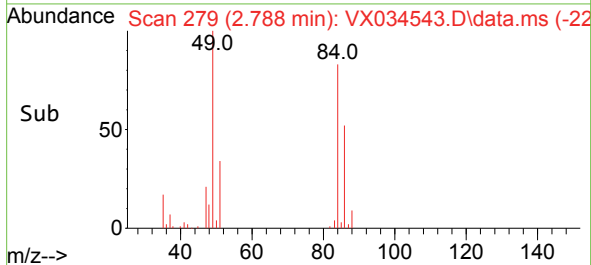
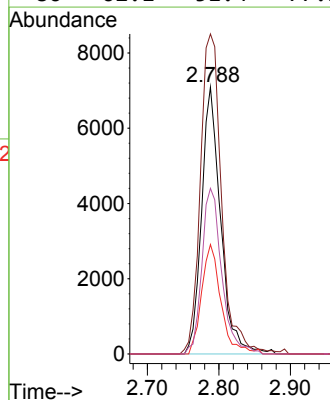
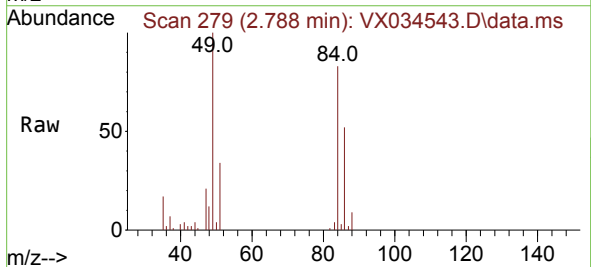
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

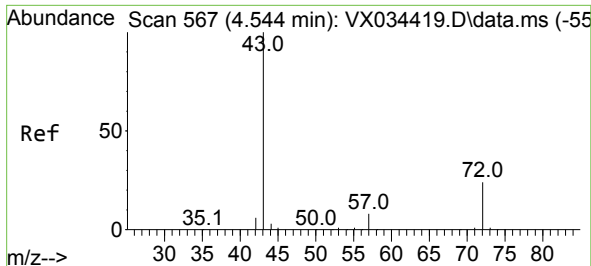
Tgt Ion: 43 Resp: 6686
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 3.841 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 84 Resp: 13155
Ion Ratio Lower Upper
84 100
49 119.9 103.8 155.8
51 41.0 31.8 47.8
86 62.1 51.4 77.2

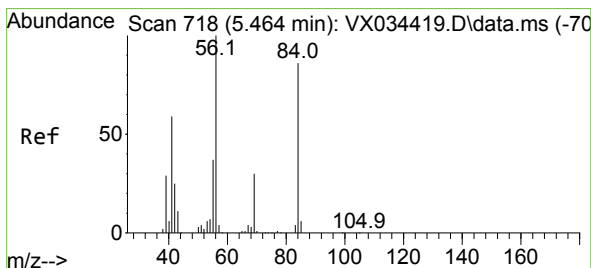
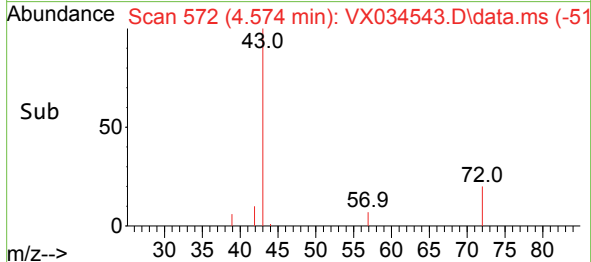
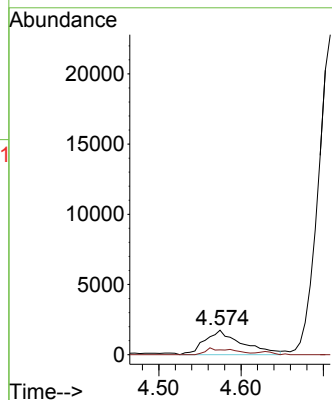
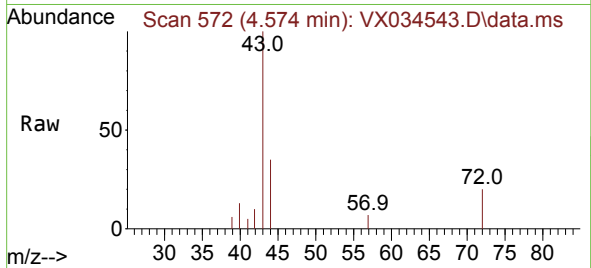




#25
2-Butanone
Concen: 2.164 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

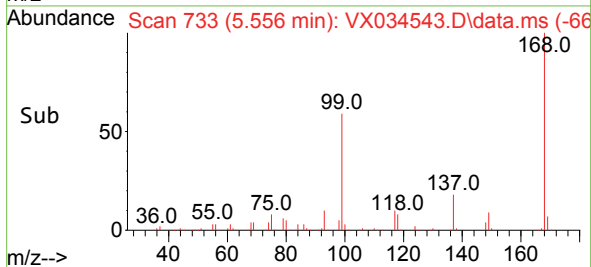
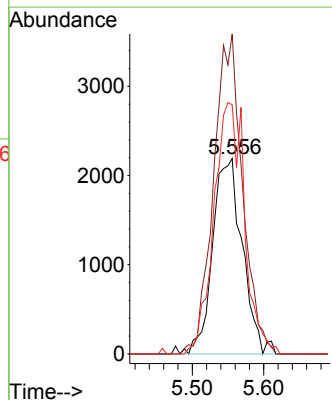
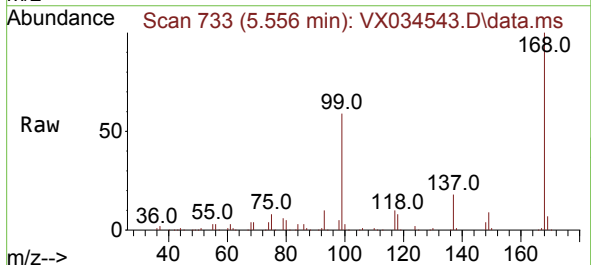
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

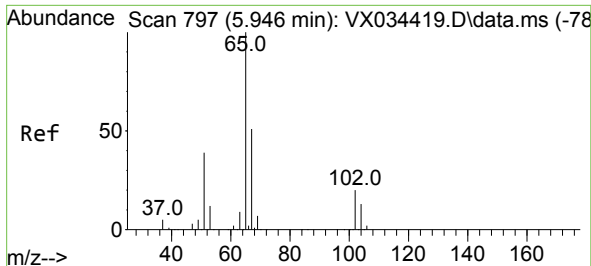
Tgt Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
72 19.5 19.3 28.9



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 56 Resp: 6331
Ion Ratio Lower Upper
56 100
69 163.9 23.7 35.5#
84 127.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.101 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034543.D

Acq: 16 Mar 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

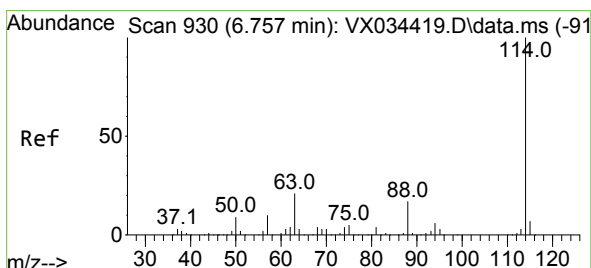
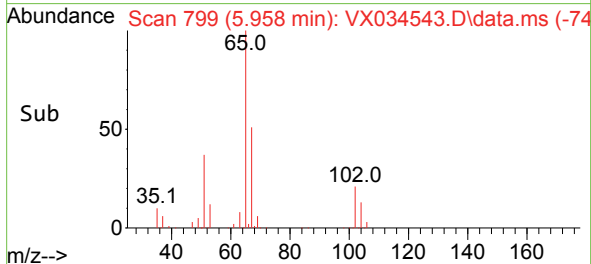
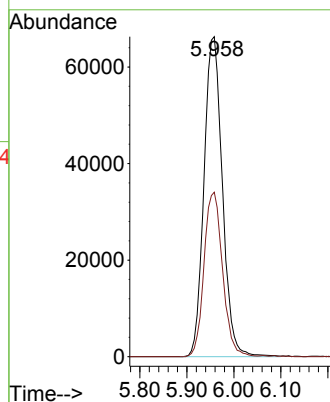
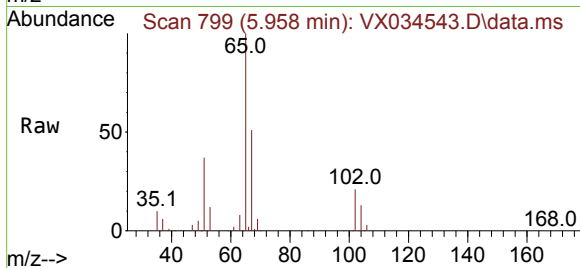
PB151426ZHE#05

Tgt Ion: 65 Resp: 180207

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034543.D

Acq: 16 Mar 2023 14:14

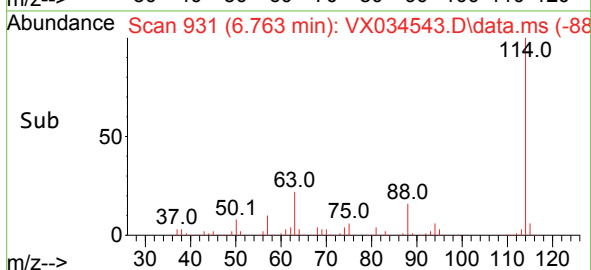
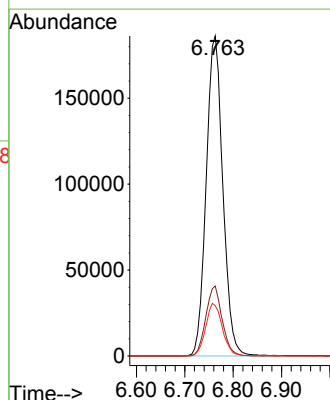
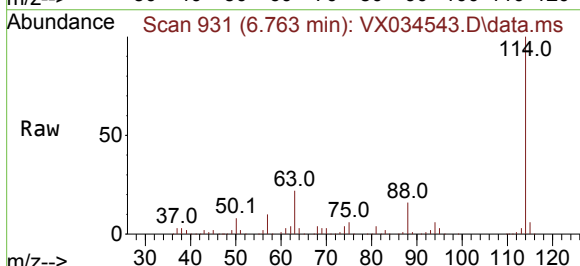
Tgt Ion: 114 Resp: 444991

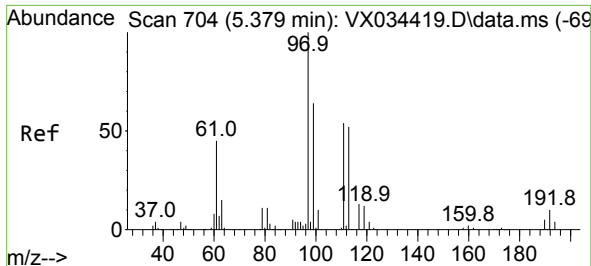
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 15.7 0.0 33.2

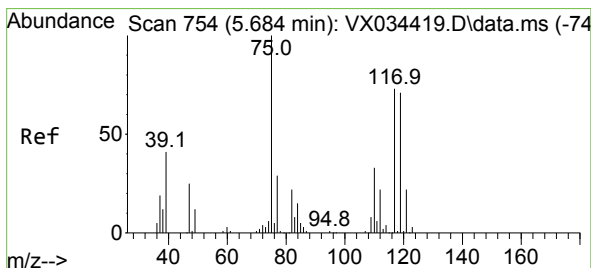
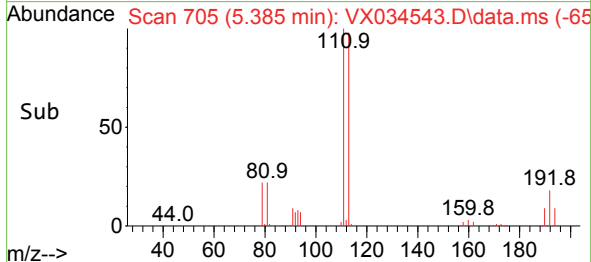
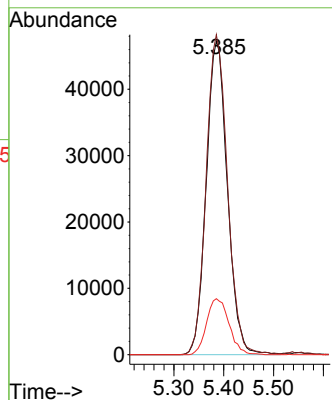
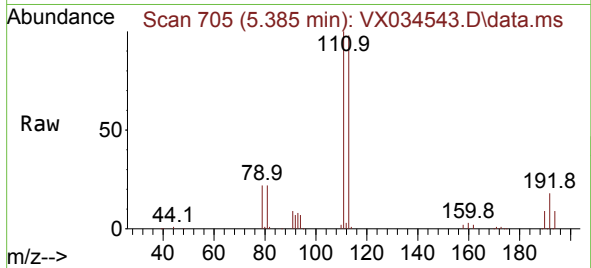




#35
Dibromofluoromethane
Concen: 47.369 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

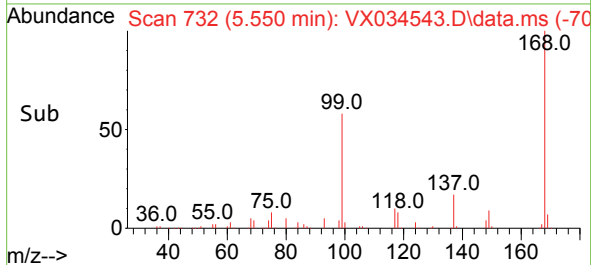
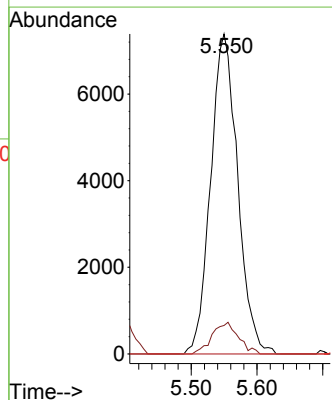
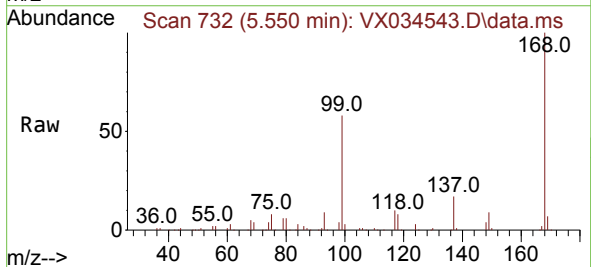
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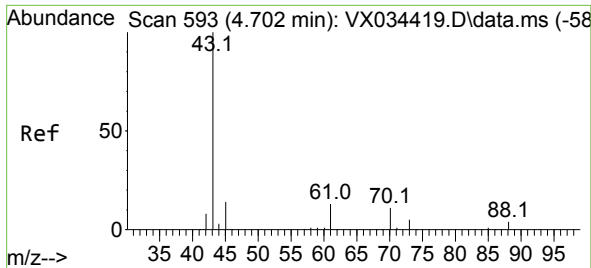
Tgt Ion:113 Resp: 139173
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 75 Resp: 21100
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 14.939 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX034543.D

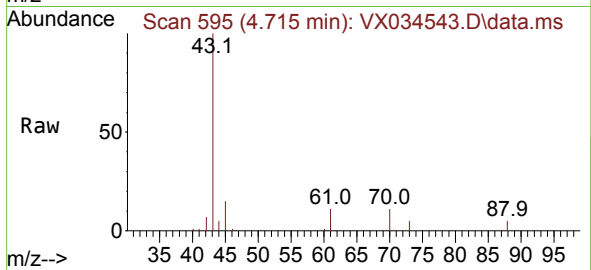
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Instrument :

MSVOA_X

ClientSampleId :

PB151426ZHE#05



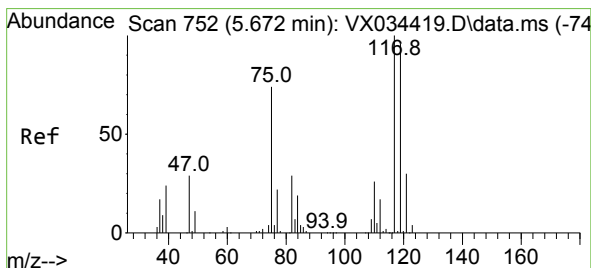
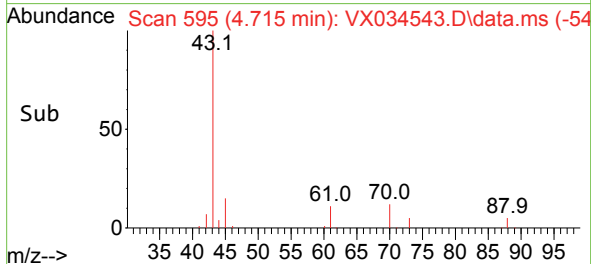
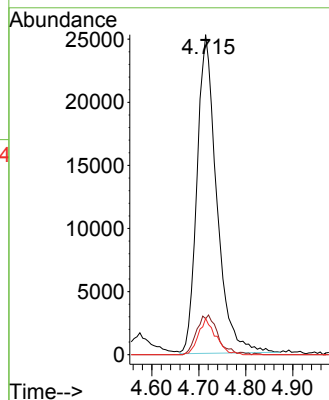
Tgt Ion: 43 Resp: 73647

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.4

70 10.0 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.016 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034543.D

Acq: 16 Mar 2023 14:14

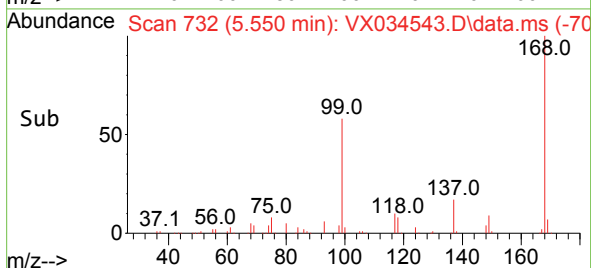
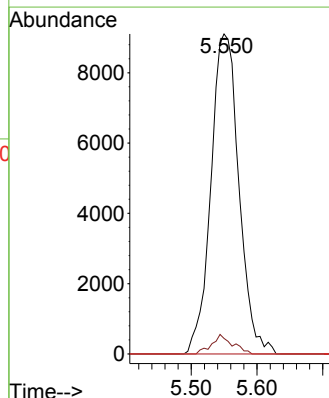
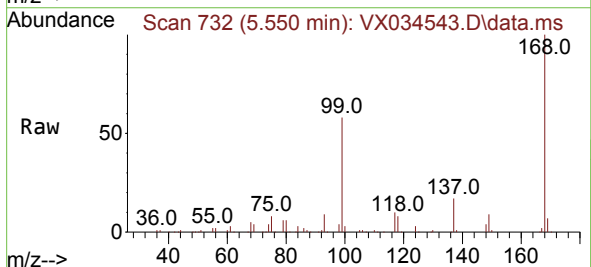
Tgt Ion: 117 Resp: 27008

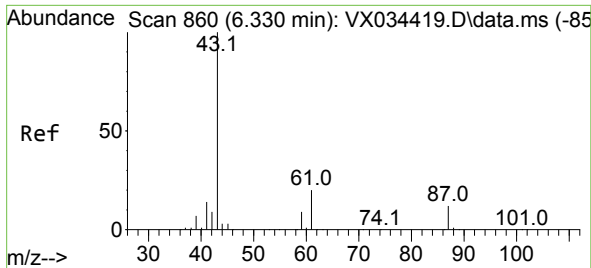
Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 23.8 35.6#

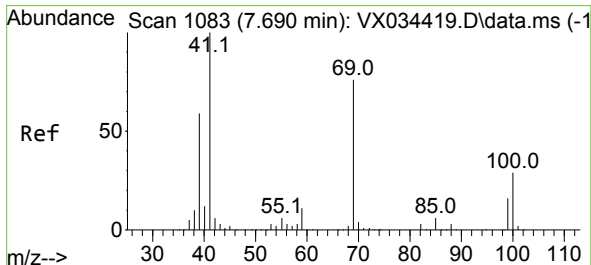
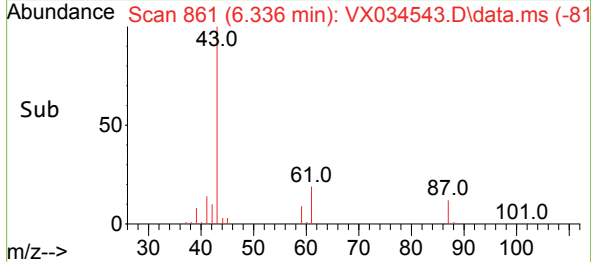
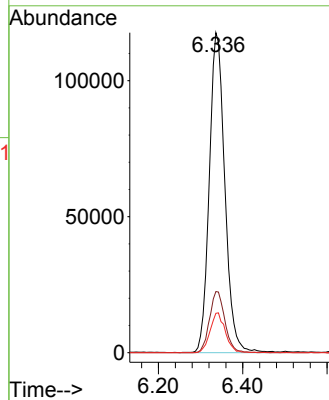
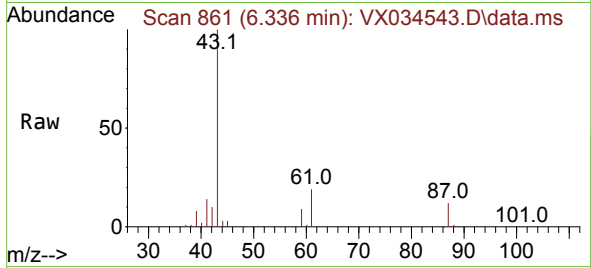




#43
Isopropyl Acetate
Concen: 36.216 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

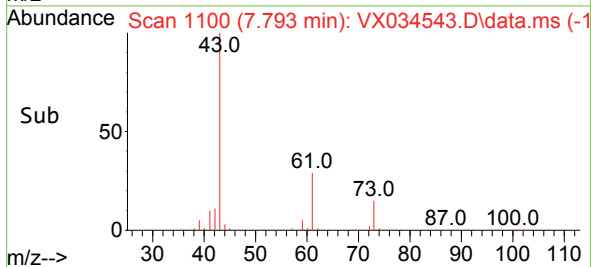
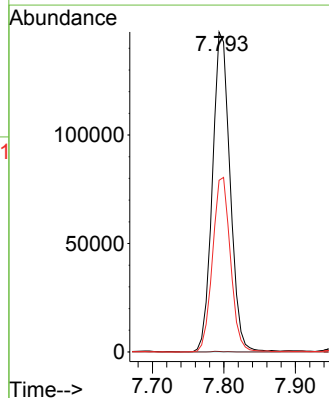
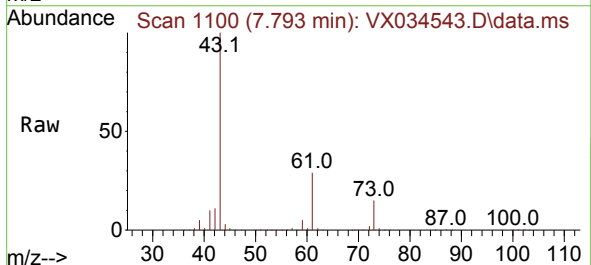
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

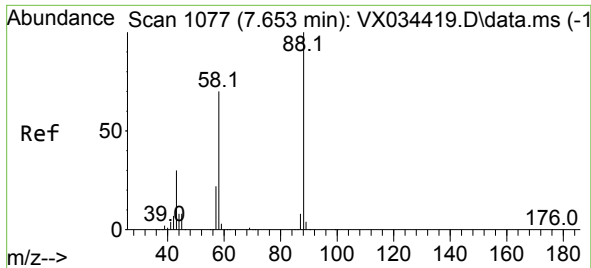
Tgt Ion: 43 Resp: 302465
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.1 9.8 14.8



#48
Methyl methacrylate
Concen: 62.910 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 41 Resp: 252690
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 55.5 47.7 71.5

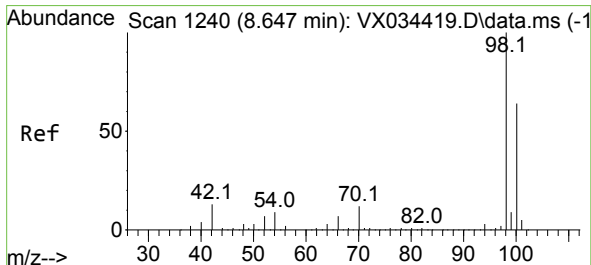
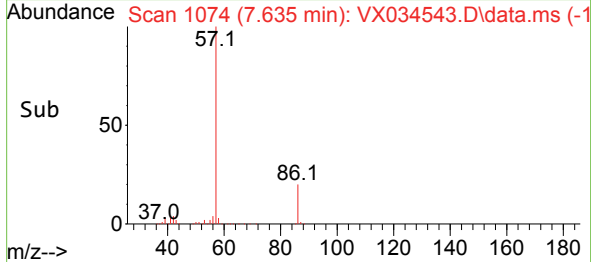
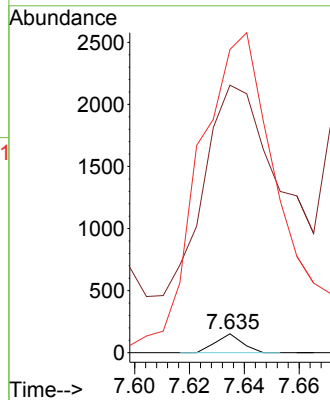
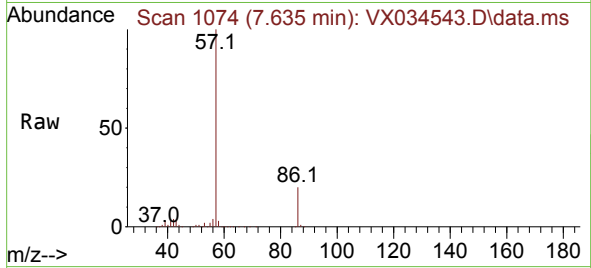




#49
1,4-Dioxane
Concen: 1.209 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.018 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

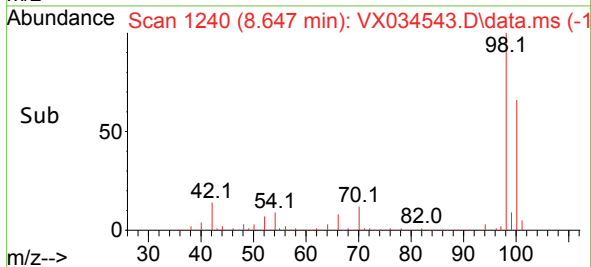
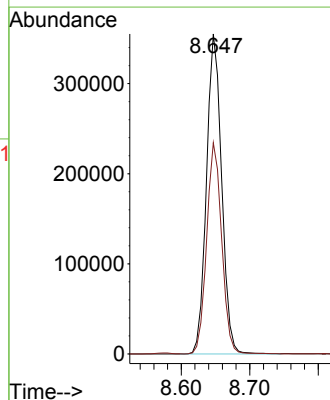
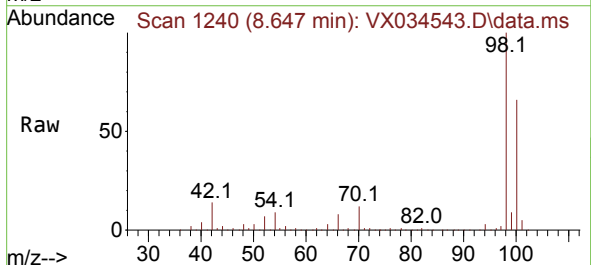
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

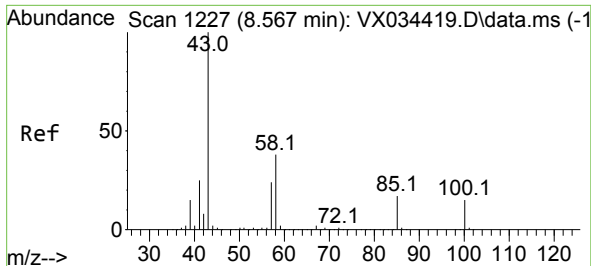
Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 5347.1 56.8 85.2#



#50
Toluene-d8
Concen: 49.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 98 Resp: 547133
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

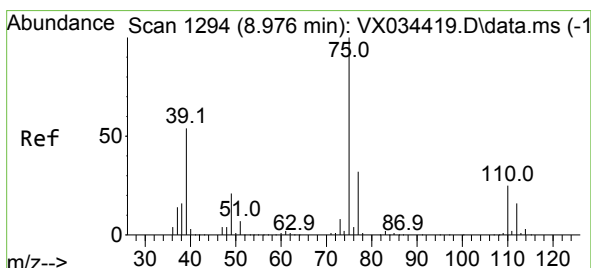
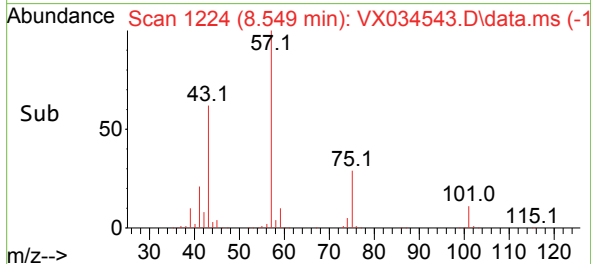
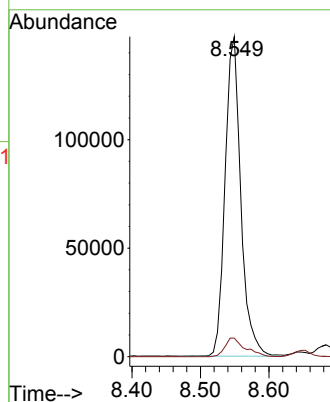
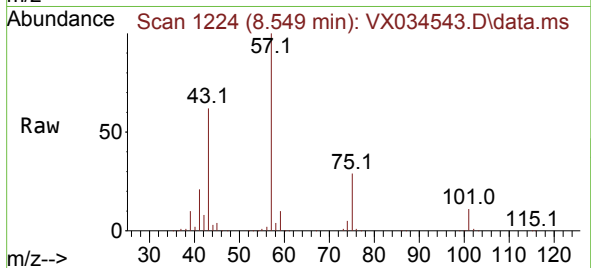




#51
4-Methyl-2-Pentanone
Concen: 48.448 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

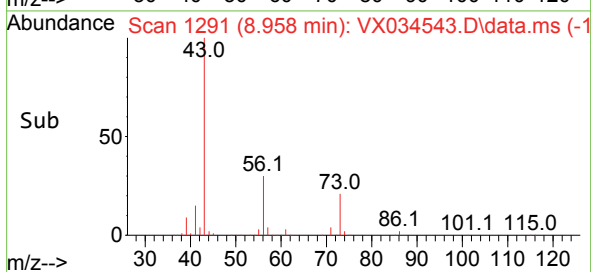
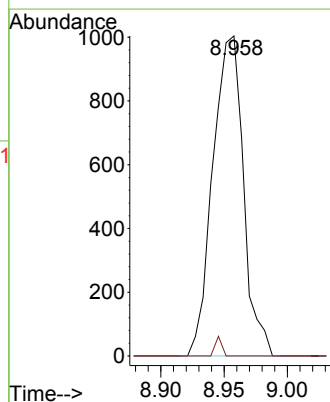
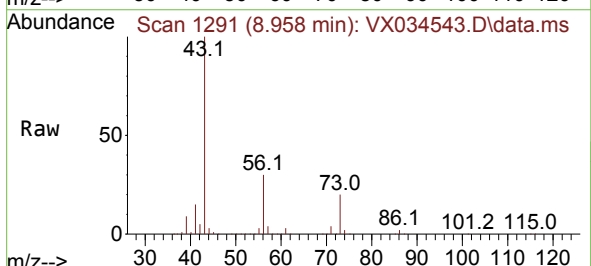
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

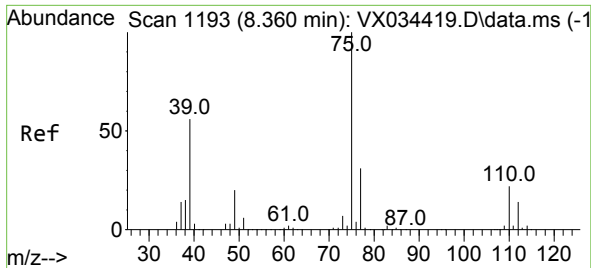
Tgt Ion: 43 Resp: 234724
Ion Ratio Lower Upper
43 100
58 7.5 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 0.331 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 75 Resp: 1690
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

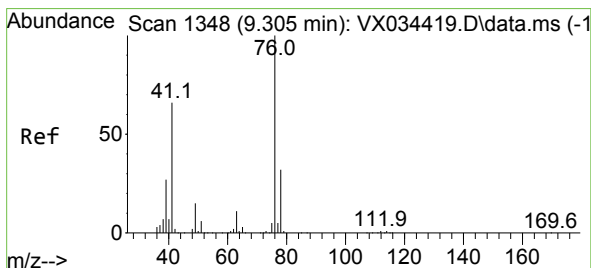
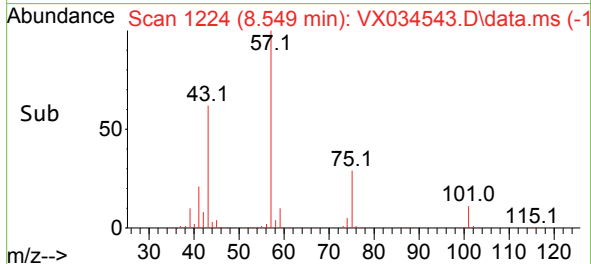
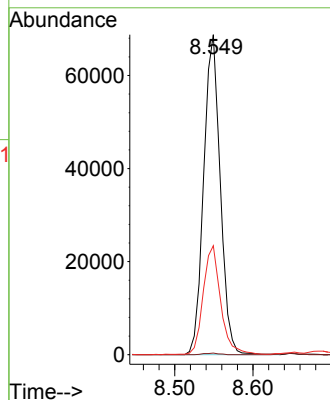
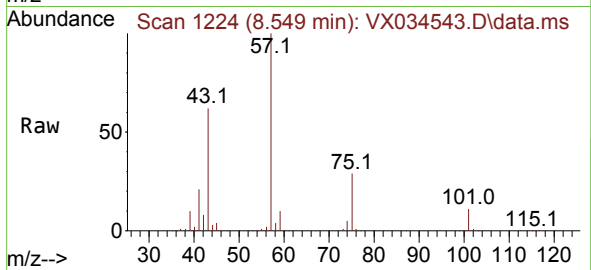




#54
 cis-1,3-Dichloropropene
 Concen: 18.244 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.189 min
 Lab File: VX034543.D
 Acq: 16 Mar 2023 14:14

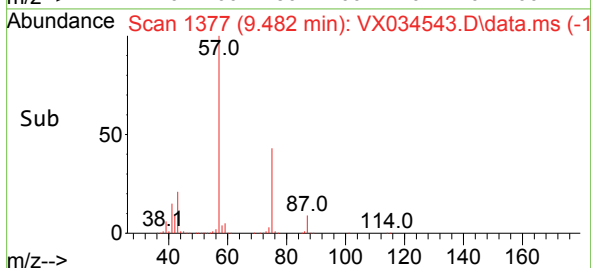
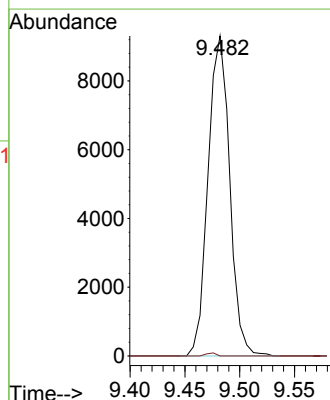
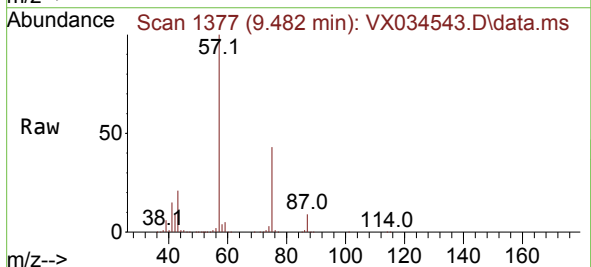
Instrument :
 MSVOA_X
 ClientSampleId :
 PB151426ZHE#05

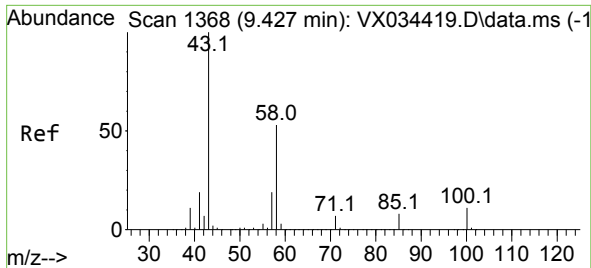
Tgt Ion: 75 Resp: 100850
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.4#
 39 33.9 44.6 66.8#



#57
 1,3-Dichloropropane
 Concen: 2.220 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX034543.D
 Acq: 16 Mar 2023 14:14

Tgt Ion: 76 Resp: 12797
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.8 38.8#

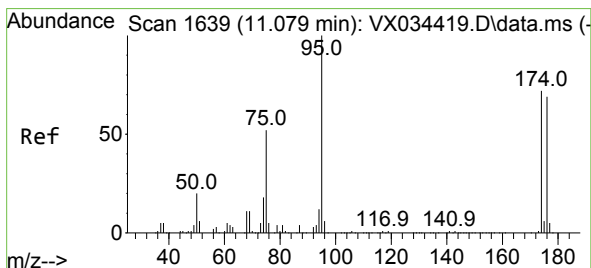
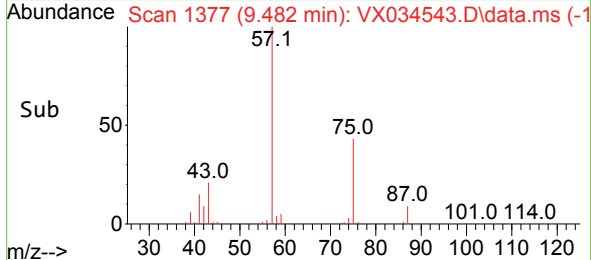
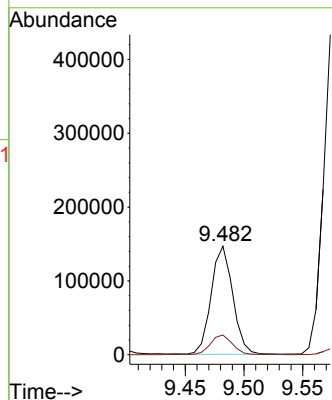
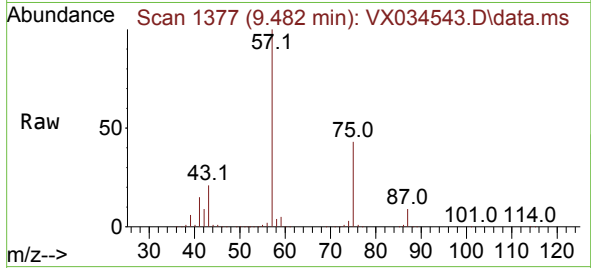




#59
2-Hexanone
Concen: 50.147 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

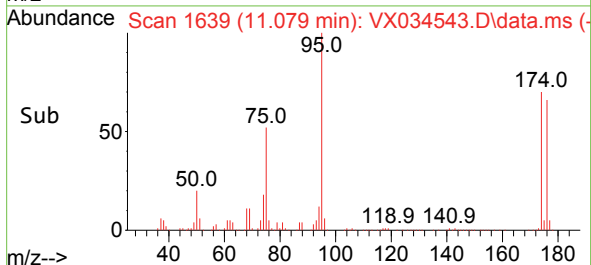
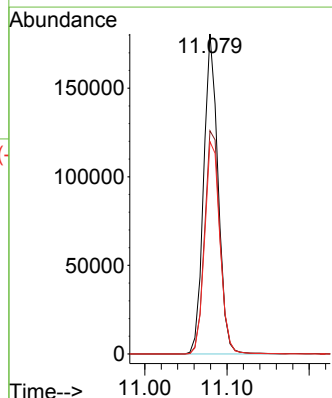
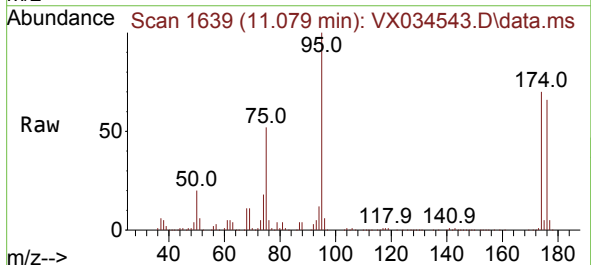
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

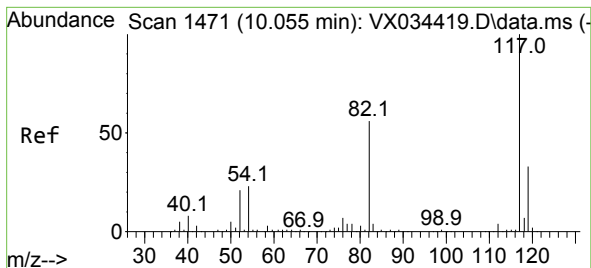
Tgt Ion: 43 Resp: 187809
Ion Ratio Lower Upper
43 100
58 18.9 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 49.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 95 Resp: 219799
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.4
176 70.8 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034543.D

Acq: 16 Mar 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

PB151426ZHE#05

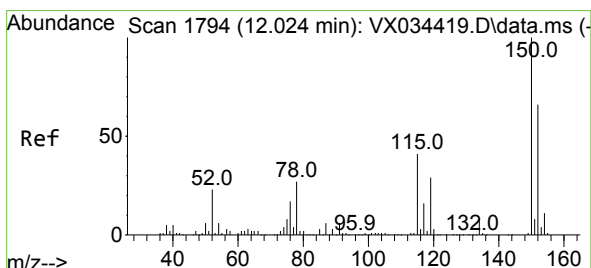
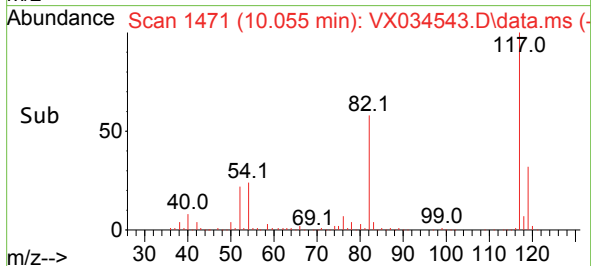
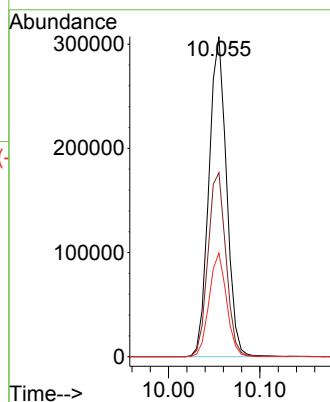
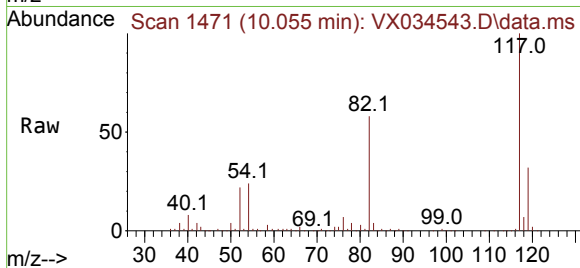
Tgt Ion:117 Resp: 410656

Ion Ratio Lower Upper

117 100

82 57.5 45.0 67.4

119 32.4 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034543.D

Acq: 16 Mar 2023 14:14

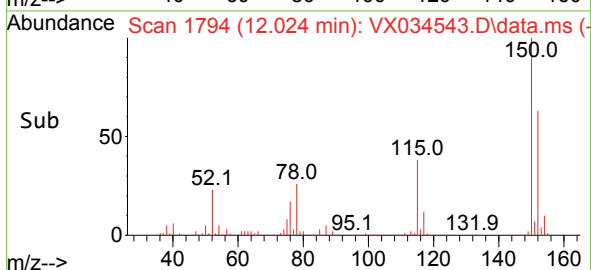
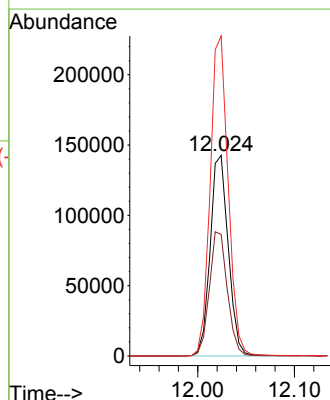
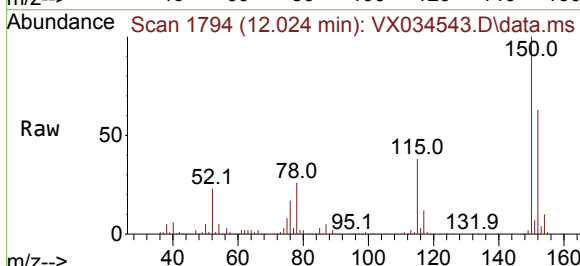
Tgt Ion:152 Resp: 185722

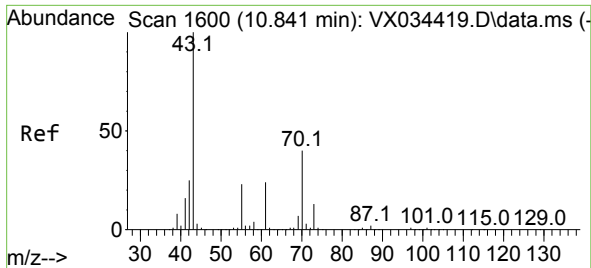
Ion Ratio Lower Upper

152 100

115 61.8 45.0 135.0

150 158.4 0.0 352.4

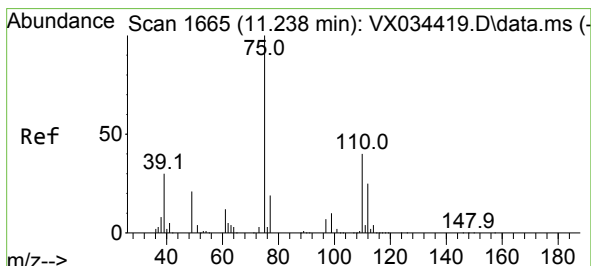
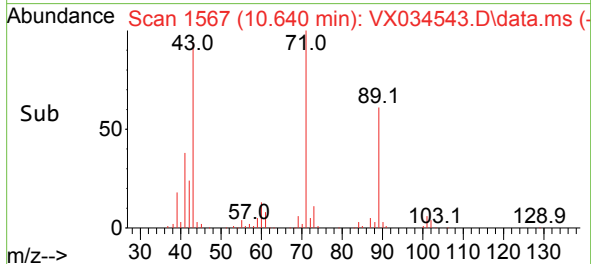
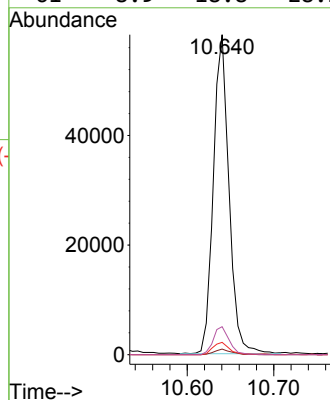
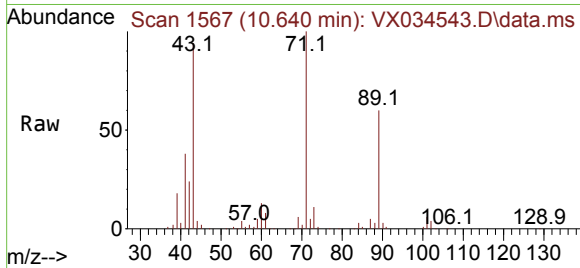




#74
N-amy1 acetate
Concen: 10.635 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

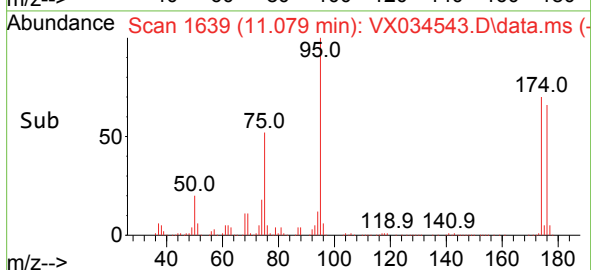
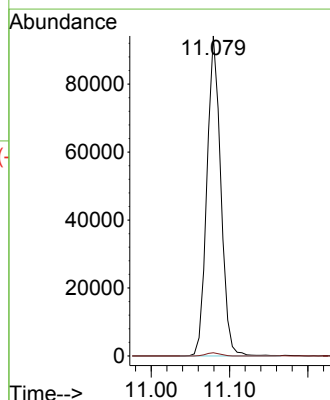
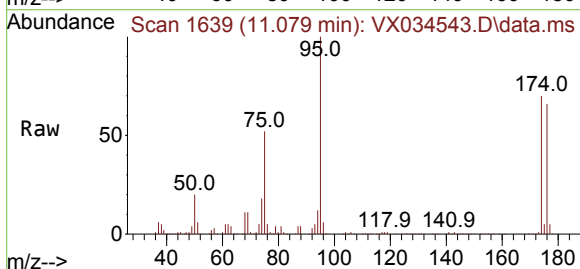
Instrument :
MSVOA_X
ClientSampleId :
PB151426ZHE#05

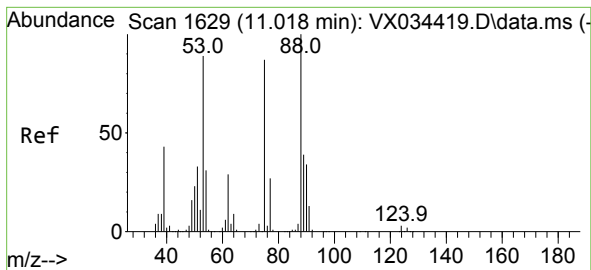
Tgt Ion: 43	Resp:	73118
Ion Ratio	Lower	Upper
43	100	
70	1.9	32.1 48.1#
55	4.1	18.3 27.5#
61	8.9	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 27.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034543.D
Acq: 16 Mar 2023 14:14

Tgt Ion: 75	Resp:	115523
Ion Ratio	Lower	Upper
75	100	
77	1.0	21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.287 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034543.D
 Acq: 16 Mar 2023 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151426ZHE#05

Tgt Ion: 75 Resp: 115523
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

