

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040440.D
 Acq On : 23 Feb 2024 18:28
 Operator : JC/MD
 Sample : PB159217ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159217ZHE#10

Quant Time: Feb 23 22:23:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

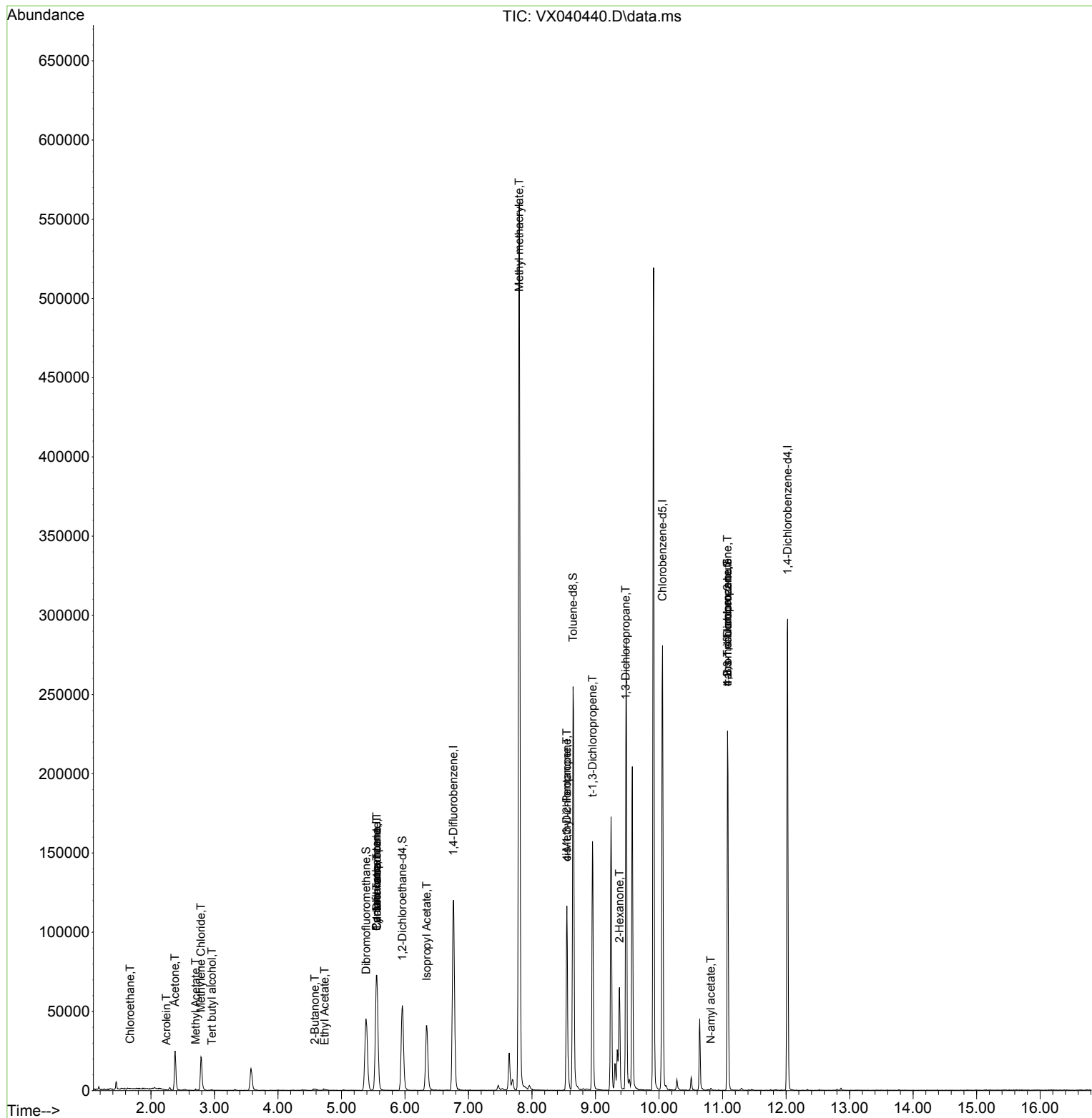
Internal Standards						
1) Pentafluorobenzene	5.550	168	65440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54064	50.729	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.460%			
35) Dibromofluoromethane	5.385	113	39390	50.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.647	98	147354	51.895	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.780%			
62) 4-Bromofluorobenzene	11.079	95	57801	50.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.600%			
Target Compounds					Qvalue	
6) Chloroethane	1.672	64	280	0.522	ug/l #	43
11) Tert butyl alcohol	2.959	59	422	2.048	ug/l #	78
13) Acrolein	2.239	56	118	0.479	ug/l #	75
16) Acetone	2.380	43	26800	60.352	ug/l	98
18) Methyl Acetate	2.703	43	841	0.731	ug/l #	73
20) Methylene Chloride	2.788	84	9609	10.335	ug/l	97
25) 2-Butanone	4.580	43	2149	3.104	ug/l	92
31) Cyclohexane	5.556	56	1816	1.421	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	6283	5.165	ug/l #	49
37) Ethyl Acetate	4.733	43	1982	1.426	ug/l #	77
38) Carbon Tetrachloride	5.556	117	7276	6.464	ug/l #	15
43) Isopropyl Acetate	6.342	43	56571	26.525	ug/l	98
48) Methyl methacrylate	7.799	41	50469	47.783	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	42526	29.358	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	299	0.240	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	16607	12.538	ug/l #	66
57) 1,3-Dichloropropane	9.476	76	2210	1.461	ug/l #	42
59) 2-Hexanone	9.378	43	50114	44.859	ug/l #	26
74) N-amyl acetate	10.817	43	501	0.264	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	33459	25.982	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33459	90.405	ug/l #	5

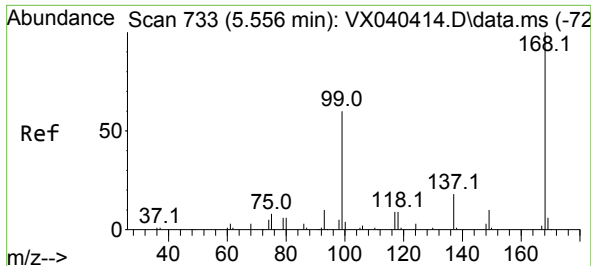
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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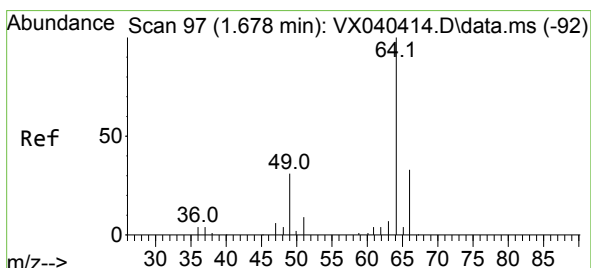
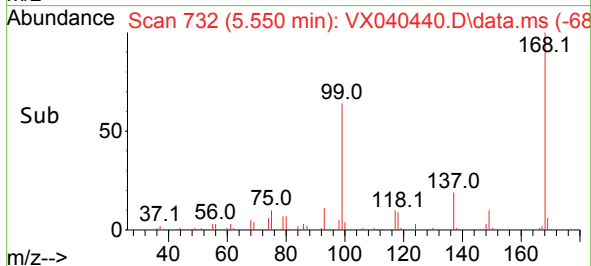
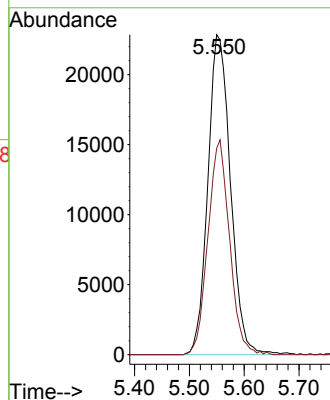
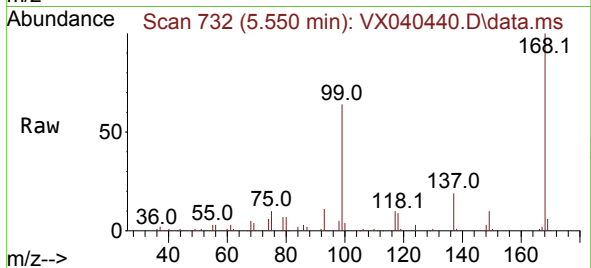




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

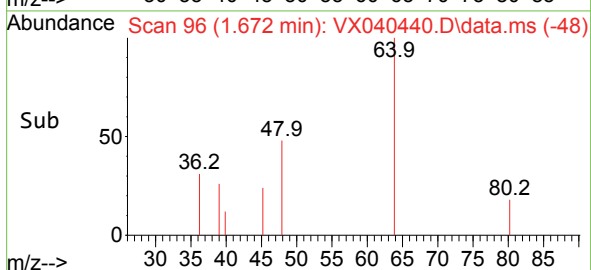
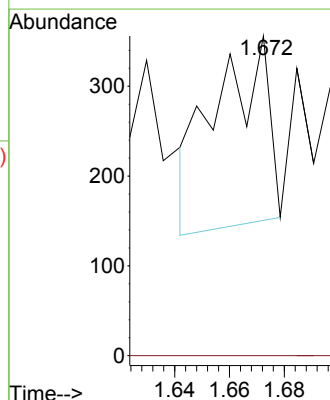
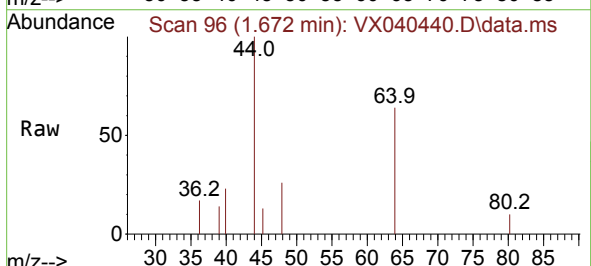
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

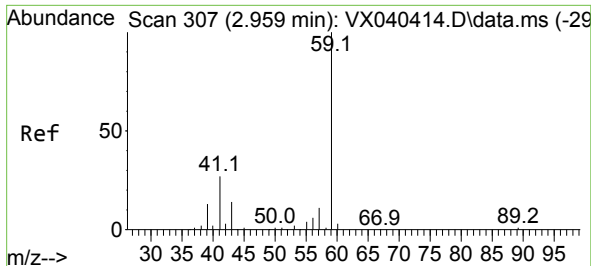
Tgt Ion:168 Resp: 65440
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0



#6
Chloroethane
Concen: 0.522 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

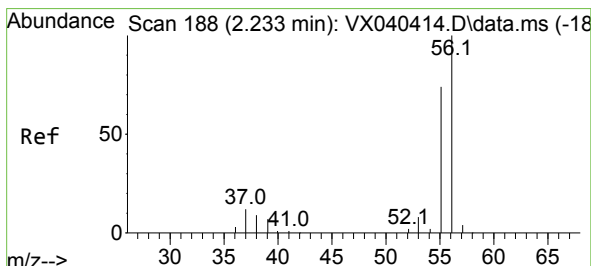
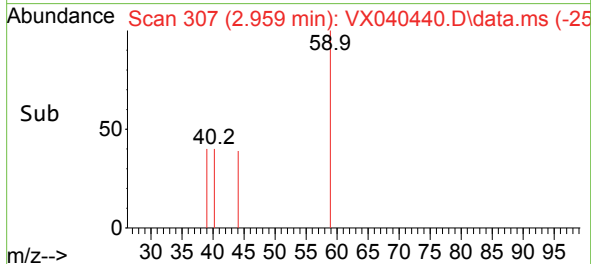
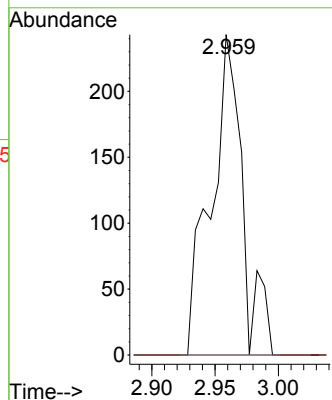
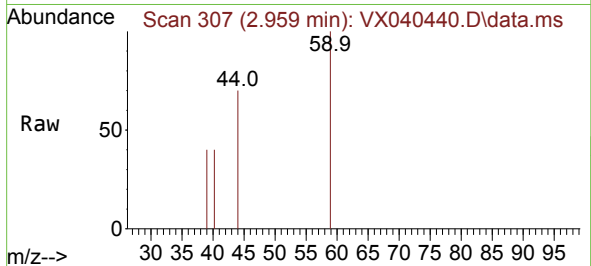




#11
Tert butyl alcohol
Concen: 2.048 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

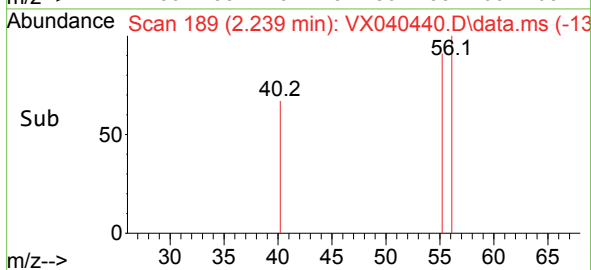
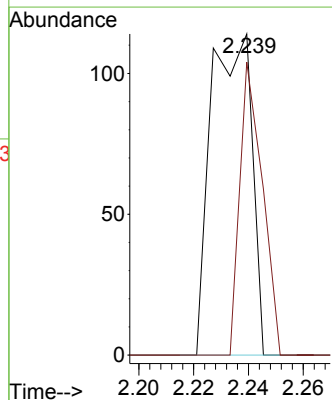
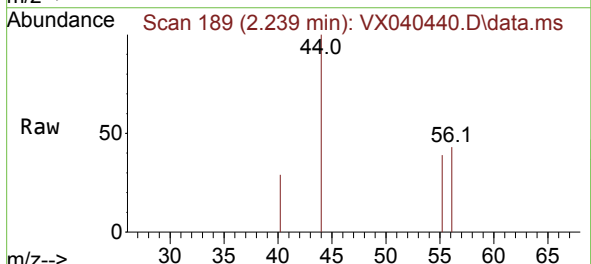
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

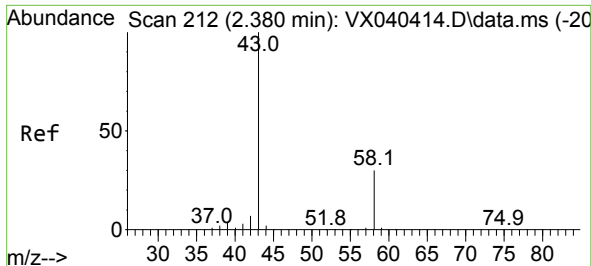
Tgt Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.479 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 50.8 57.1 85.7#





#16

Acetone

Concen: 60.352 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040440.D

Acq: 23 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

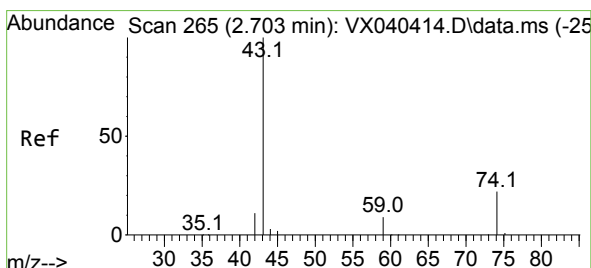
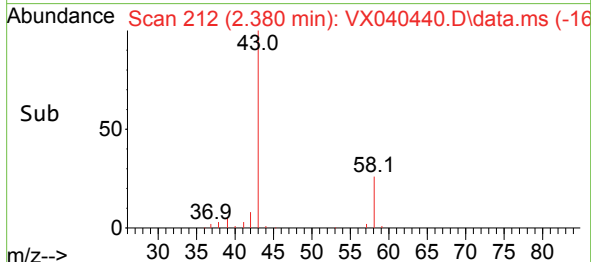
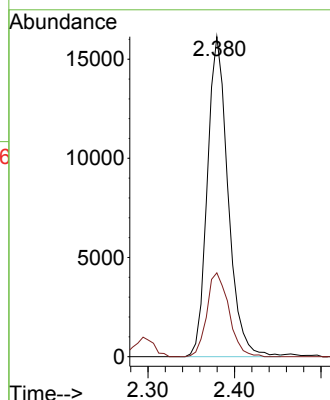
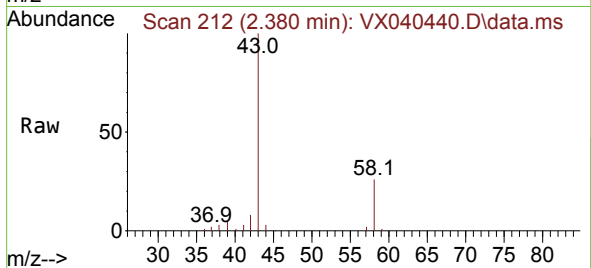
PB159217ZHE#10

Tgt Ion: 43 Resp: 26800

Ion Ratio Lower Upper

43 100

58 26.2 21.9 32.9



#18

Methyl Acetate

Concen: 0.731 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040440.D

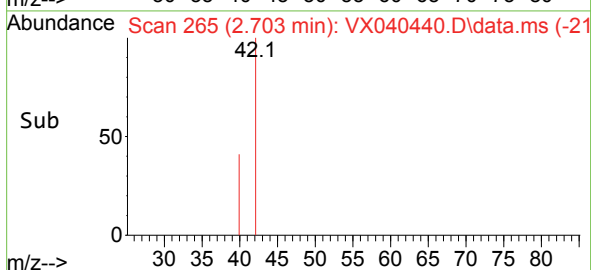
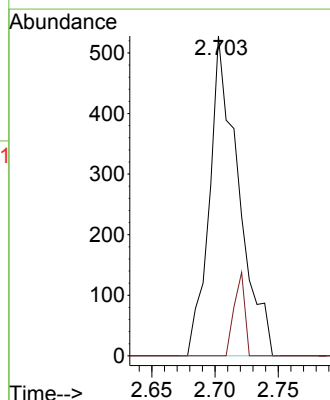
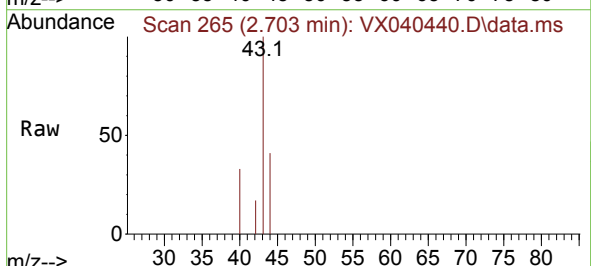
Acq: 23 Feb 2024 18:28

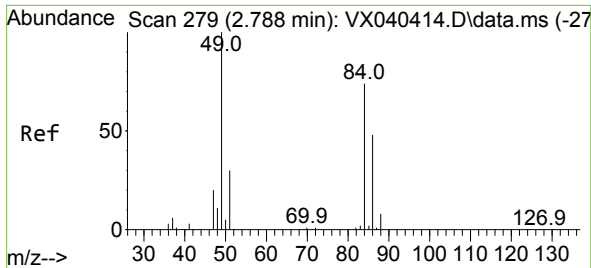
Tgt Ion: 43 Resp: 841

Ion Ratio Lower Upper

43 100

74 9.5 17.8 26.8#

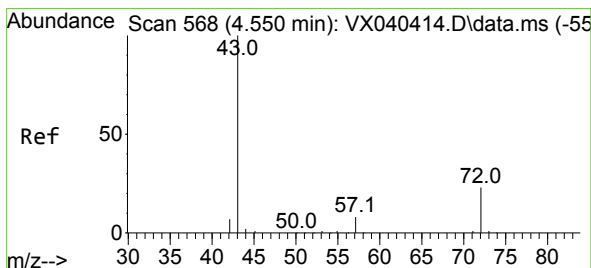
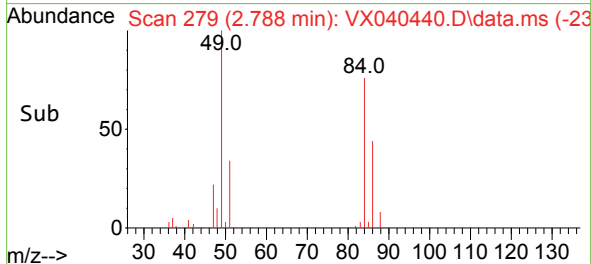
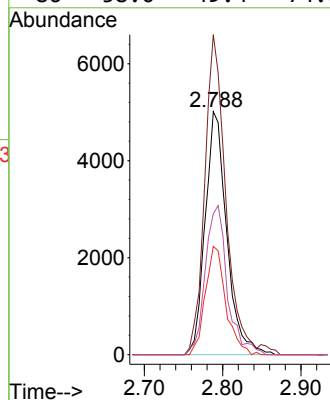
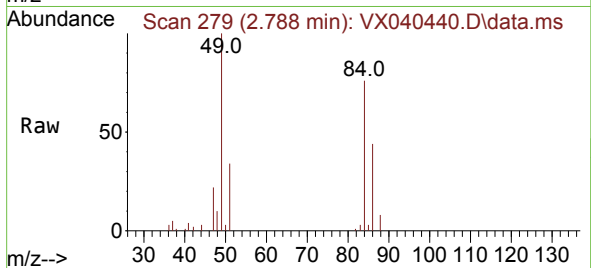




#20
Methylene Chloride
Concen: 10.335 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

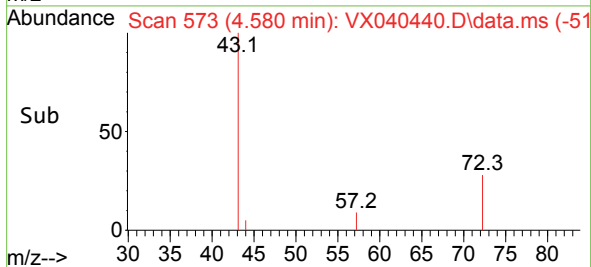
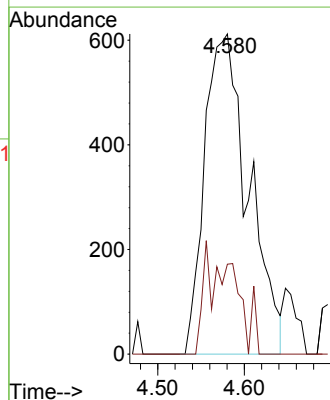
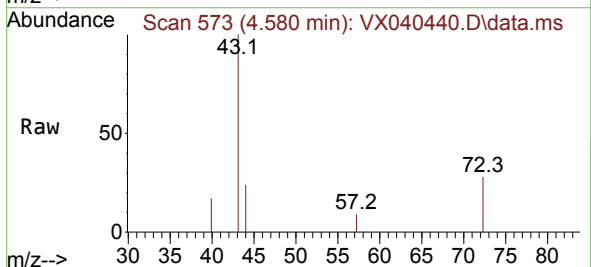
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

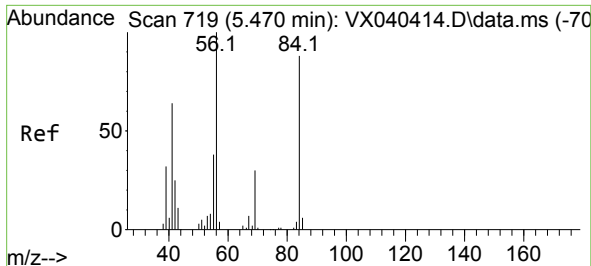
Tgt Ion:	84	Resp:	9609
Ion	Ratio	Lower	Upper
84	100		
49	131.7	103.6	155.4
51	44.6	33.8	50.6
86	58.0	49.4	74.0



#25
2-Butanone
Concen: 3.104 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.031 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

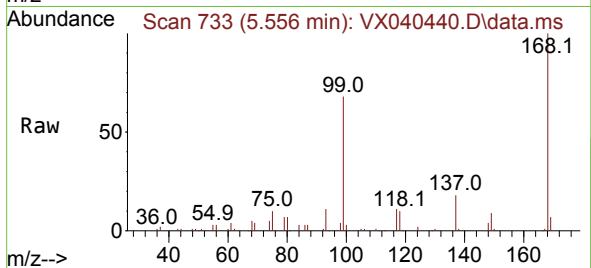
Tgt Ion:	43	Resp:	2149
Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.4	29.2



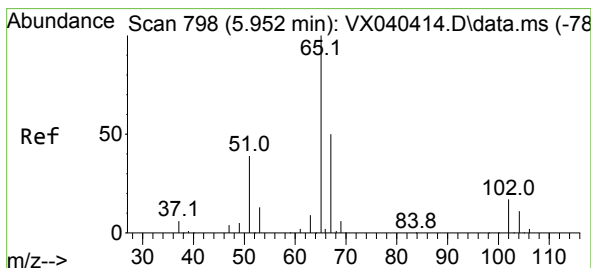
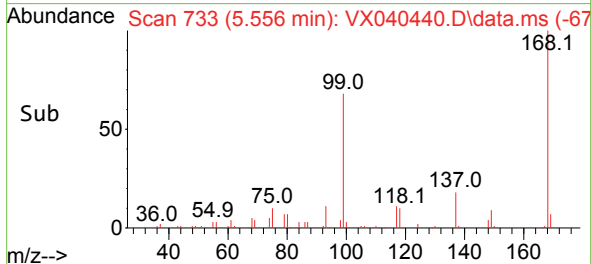
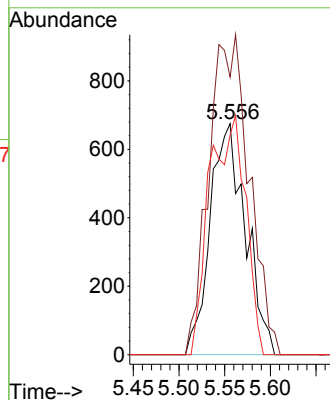


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

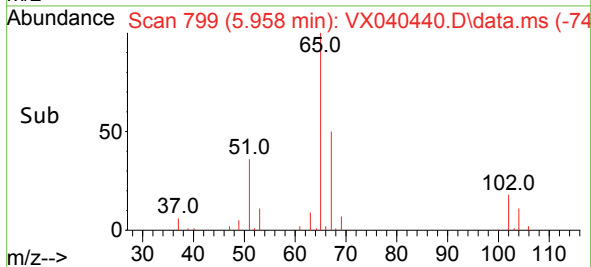
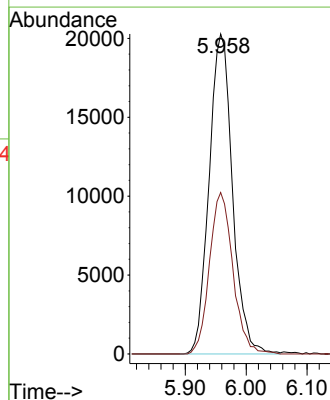
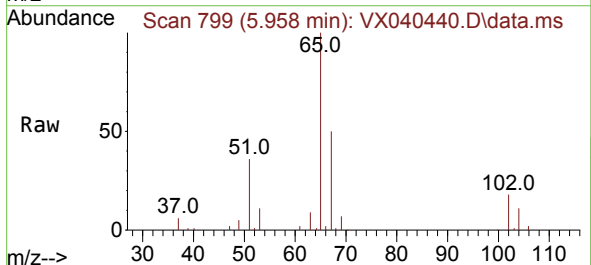


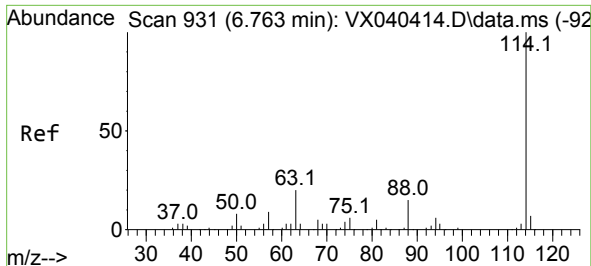
Tgt Ion: 56 Resp: 1816
Ion Ratio Lower Upper
56 100
69 120.1 23.4 35.2#
84 95.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.729 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 65 Resp: 54064
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

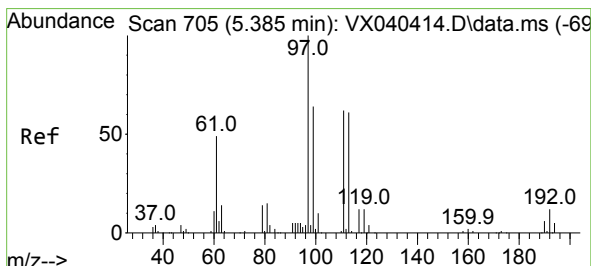
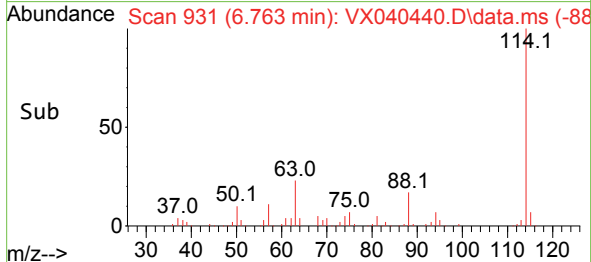
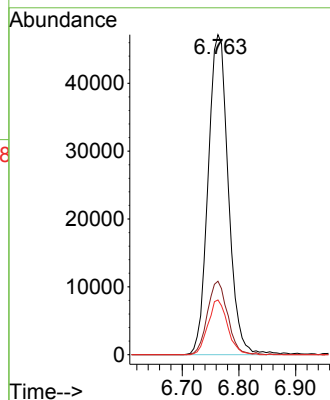
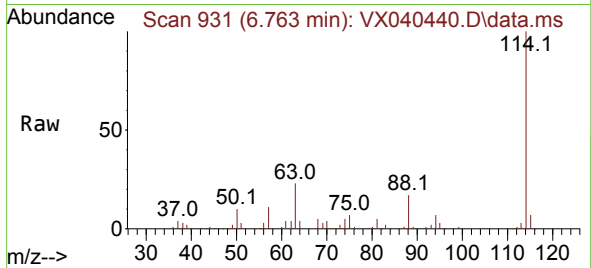




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

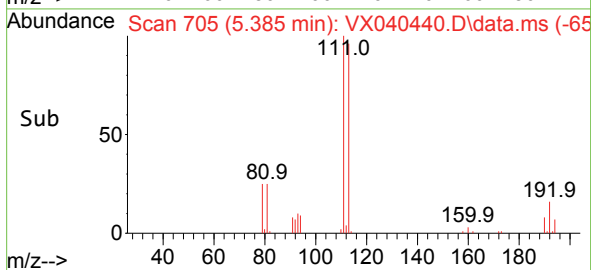
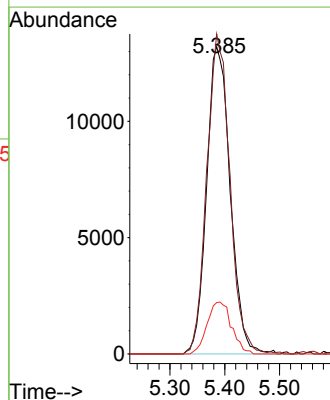
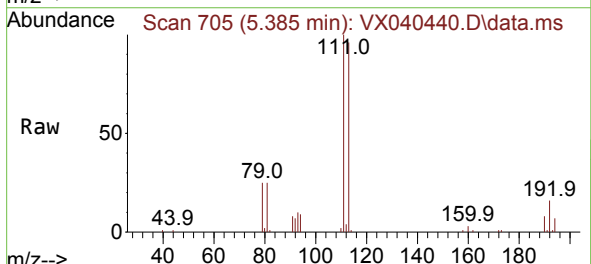
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

Tgt Ion:114 Resp: 116653
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

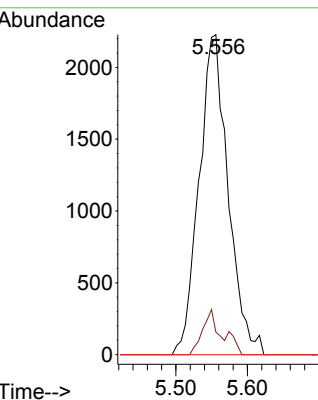
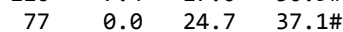
Tgt Ion:113 Resp: 39390
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.5 13.3 19.9





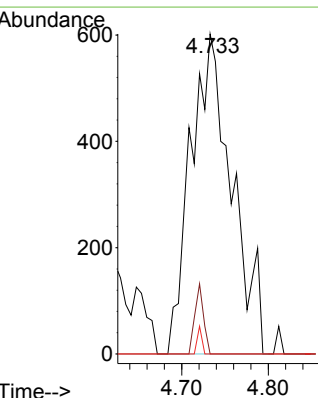
Acq: 23 Feb 2024 18:28

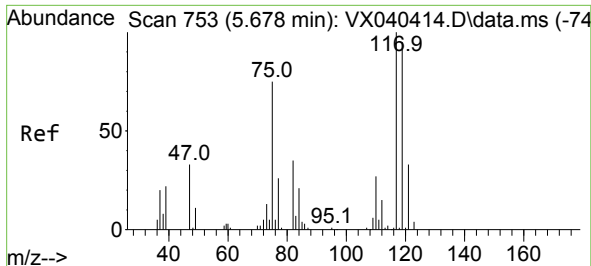
PB159217ZHE#10



Acq: 23 Feb 2024 18:28

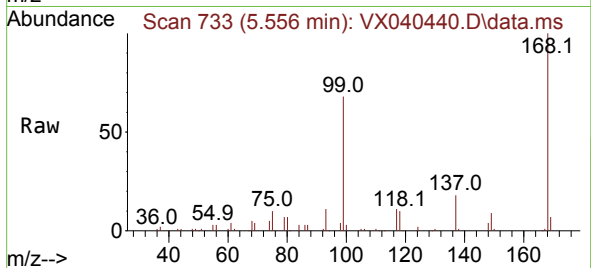
70	1.0	8.3	12.5#
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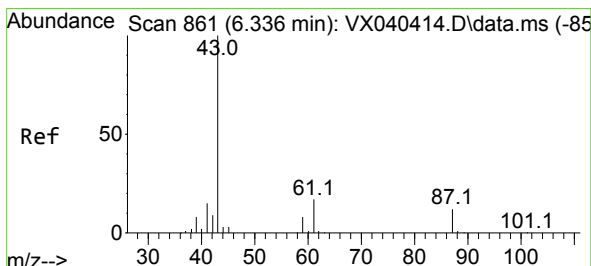
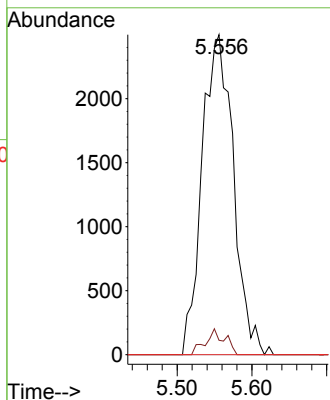
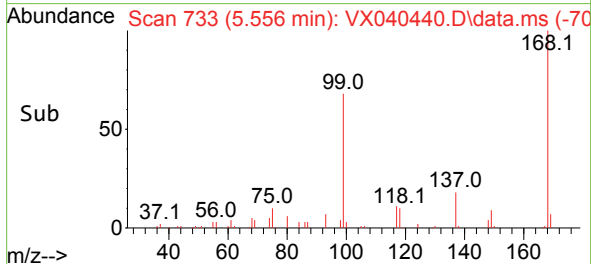


#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

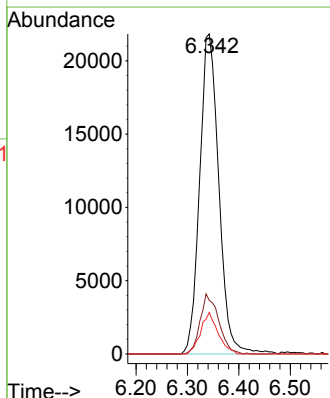
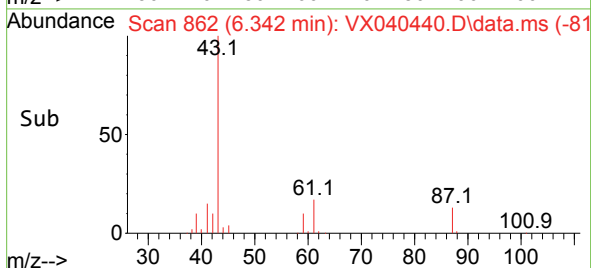
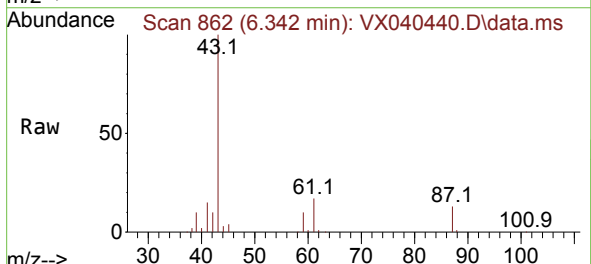


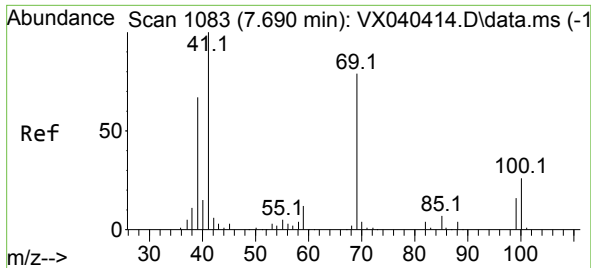
Tgt Ion:117 Resp: 7276
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 26.525 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 43 Resp: 56571
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 11.7 9.8 14.6

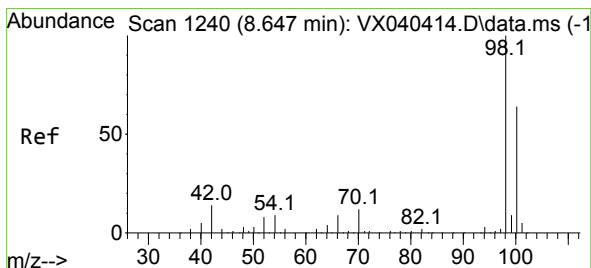
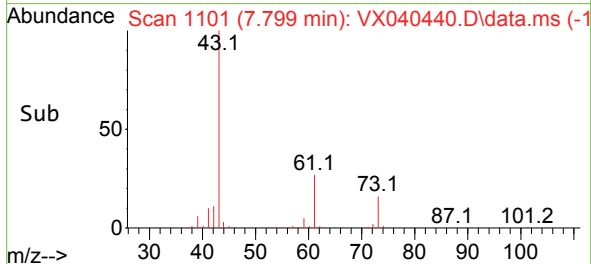
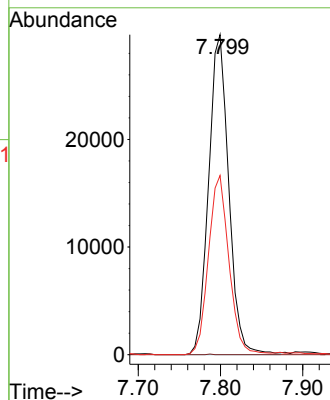
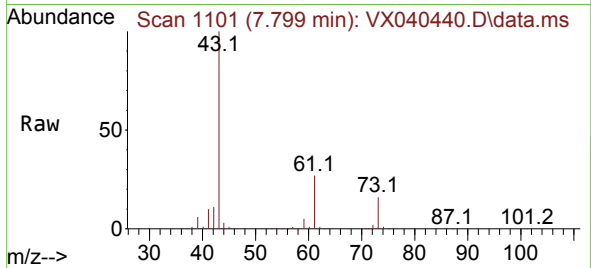




#48
Methyl methacrylate
Concen: 47.783 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

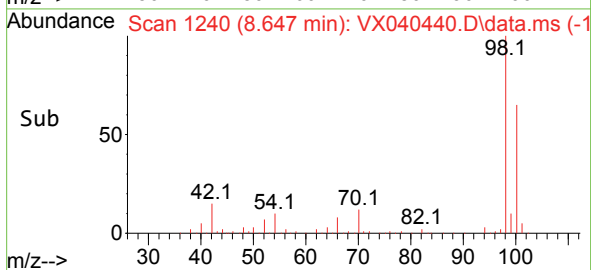
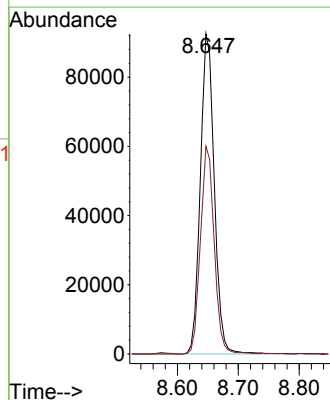
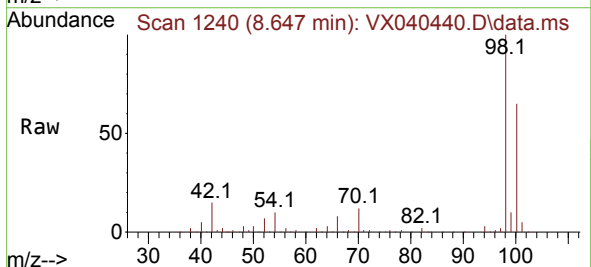
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

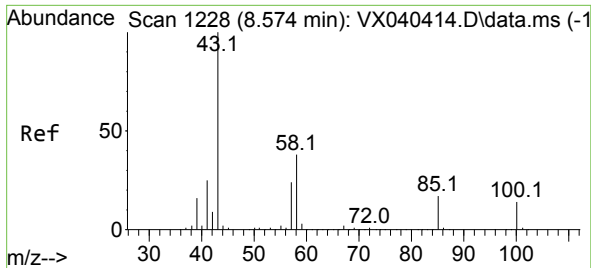
Tgt Ion: 41 Resp: 50469
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 57.2 47.7 71.5



#50
Toluene-d8
Concen: 51.895 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 98 Resp: 147354
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

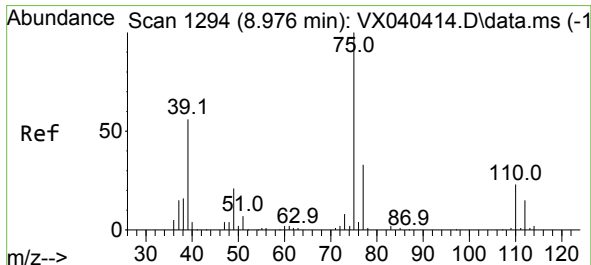
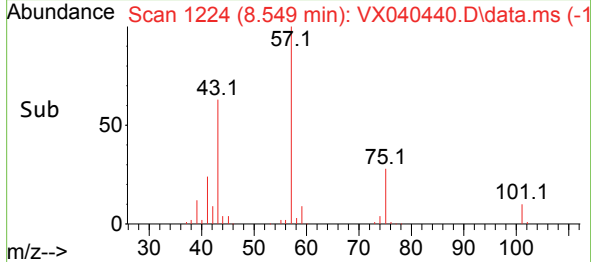
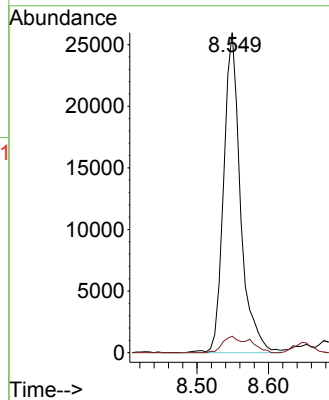
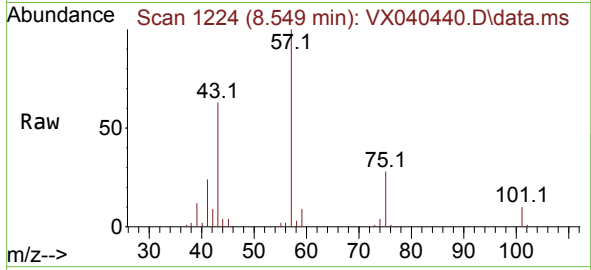




#51
4-Methyl-2-Pentanone
Concen: 29.358 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

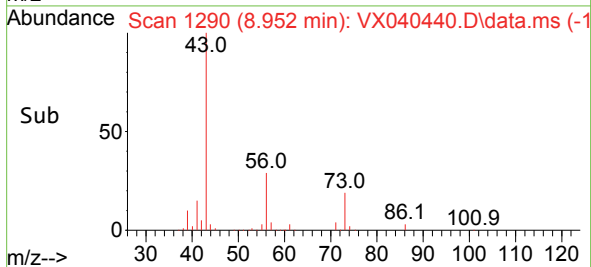
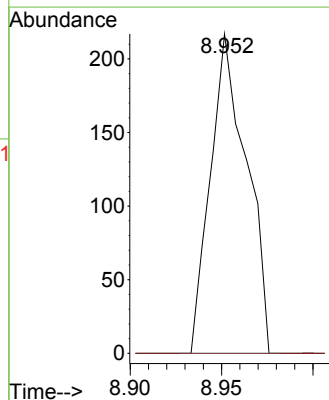
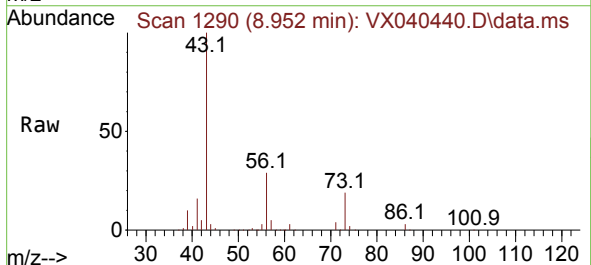
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

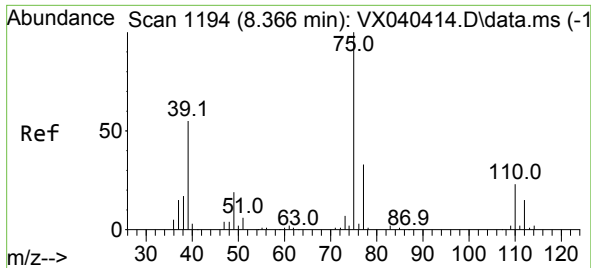
Tgt Ion: 43 Resp: 42526
Ion Ratio Lower Upper
43 100
58 8.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.240 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 75 Resp: 299
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

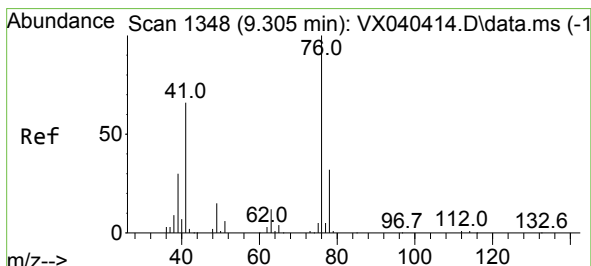
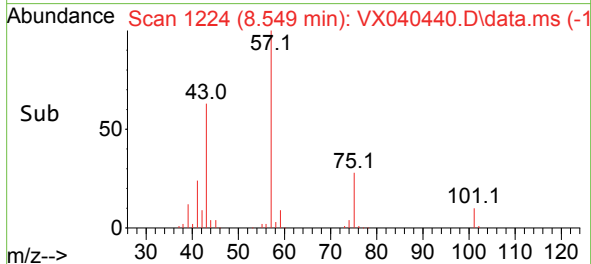
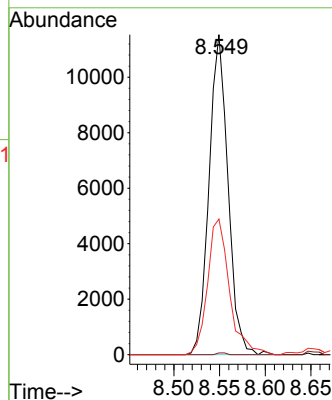
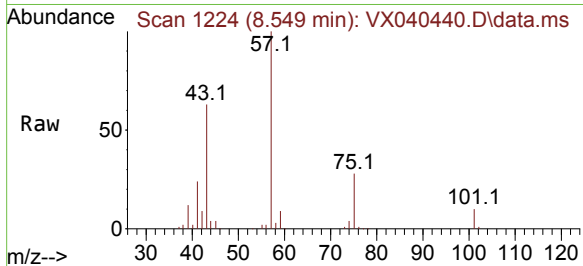




#54
 cis-1,3-Dichloropropene
 Concen: 12.538 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040440.D
 Acq: 23 Feb 2024 18:28

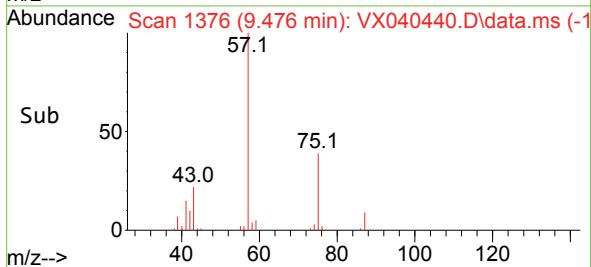
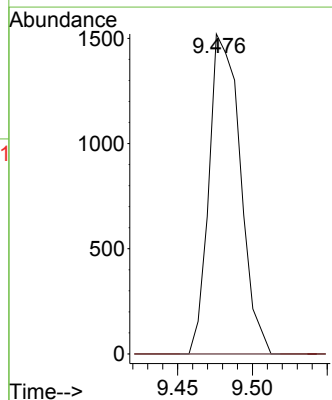
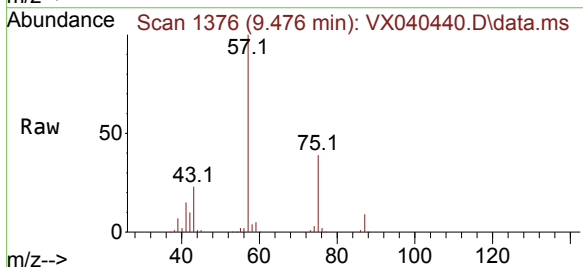
Instrument :
 MSVOA_X
 ClientSampleId :
 PB159217ZHE#10

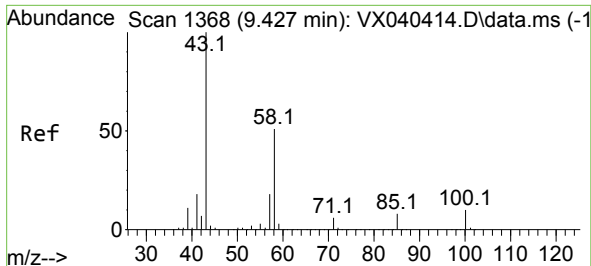
Tgt Ion: 75 Resp: 16607
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 42.4 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.461 ug/l
 RT: 9.476 min Scan# 1376
 Delta R.T. 0.171 min
 Lab File: VX040440.D
 Acq: 23 Feb 2024 18:28

Tgt Ion: 76 Resp: 2210
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

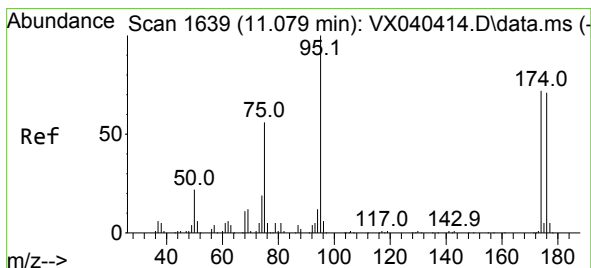
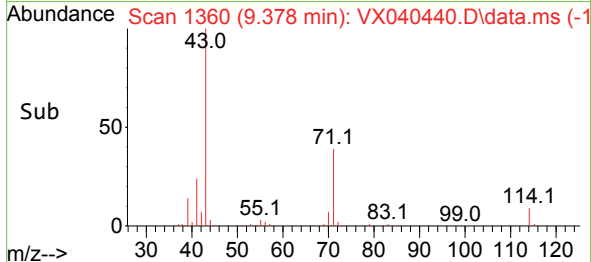
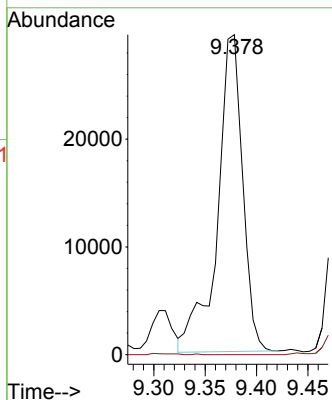
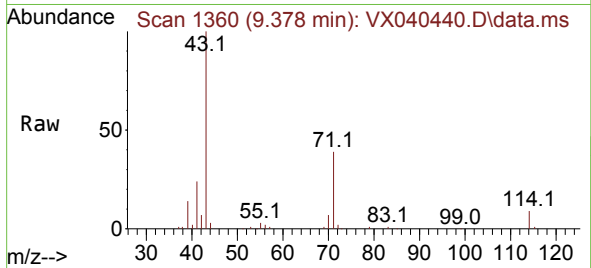




#59
2-Hexanone
Concen: 44.859 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

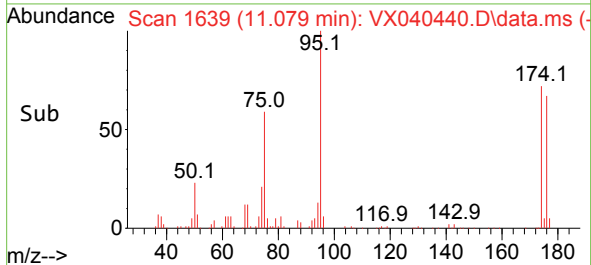
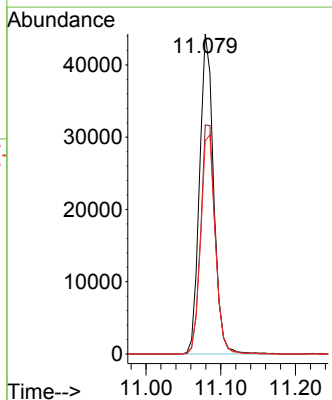
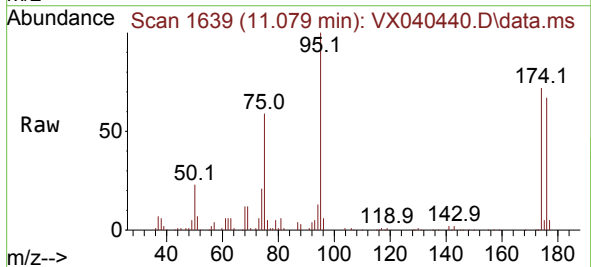
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

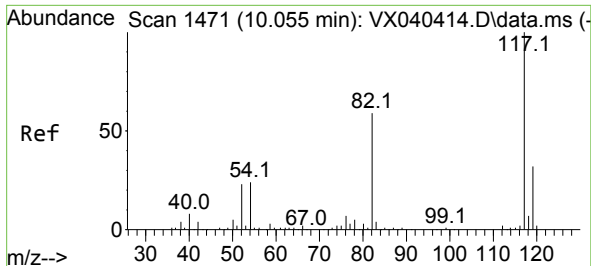
Tgt Ion: 43 Resp: 50114
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion: 95 Resp: 57801
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 70.8 0.0 131.0

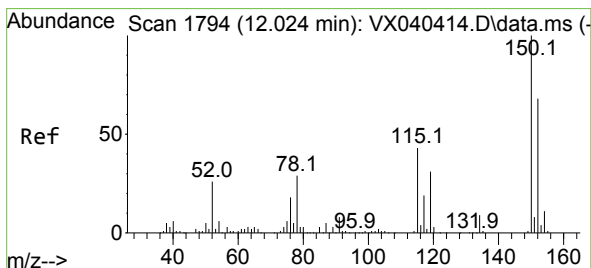
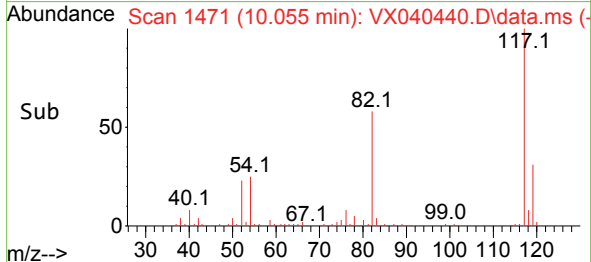
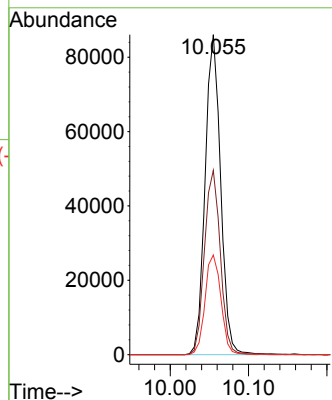
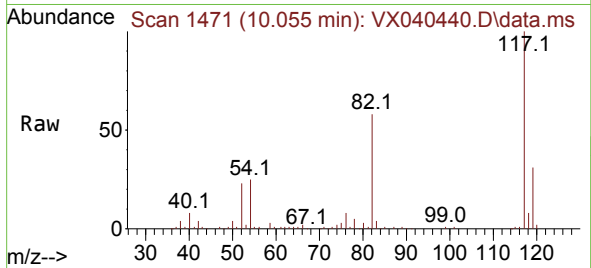




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

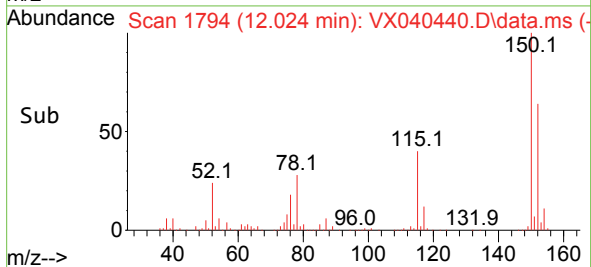
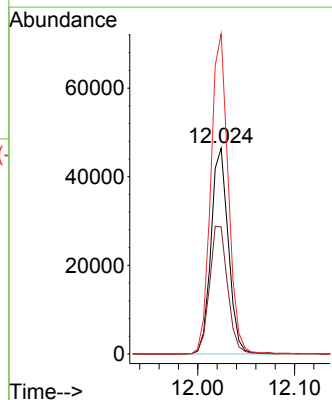
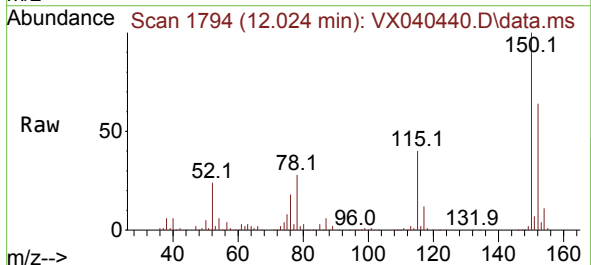
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

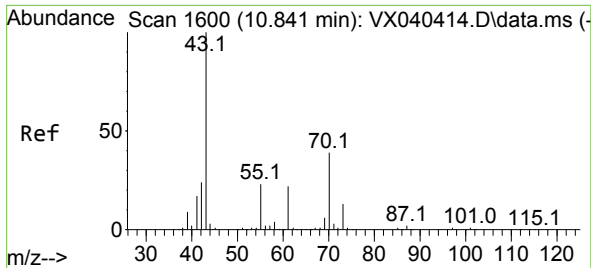
Tgt Ion:117 Resp: 118019
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Tgt Ion:152 Resp: 57914
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 156.7 0.0 345.0

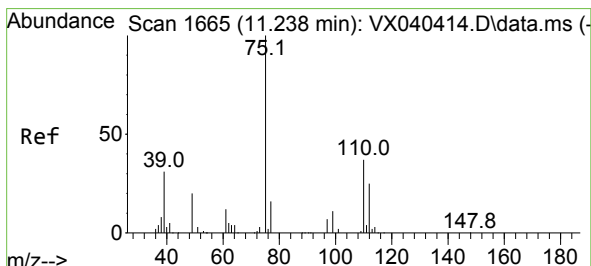
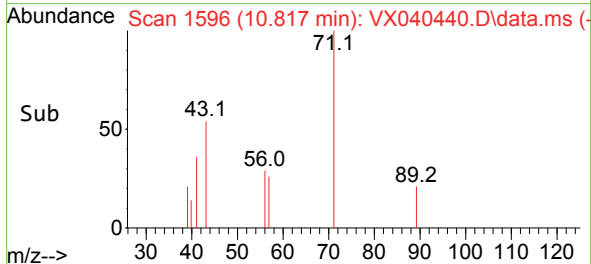
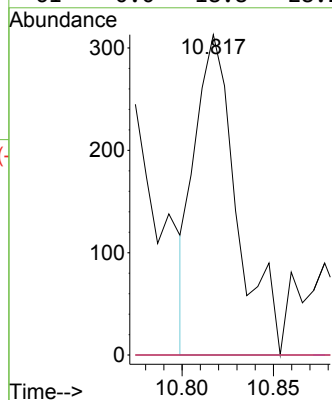
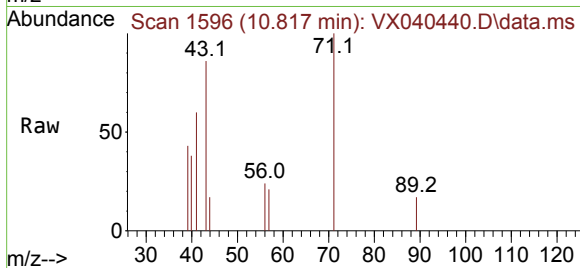




#74
N-amy1 acetate
Concen: 0.264 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

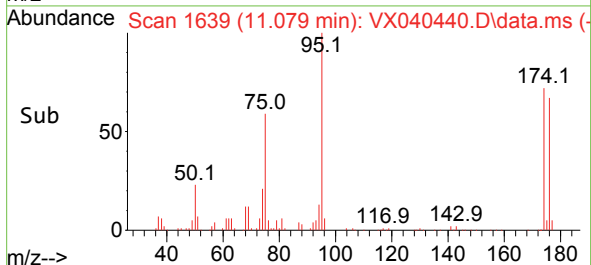
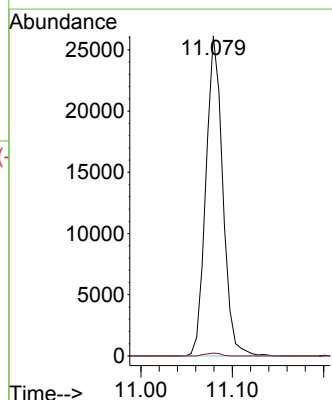
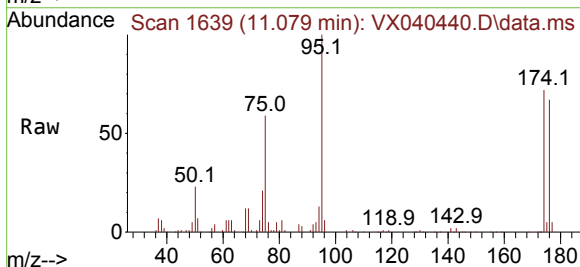
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10

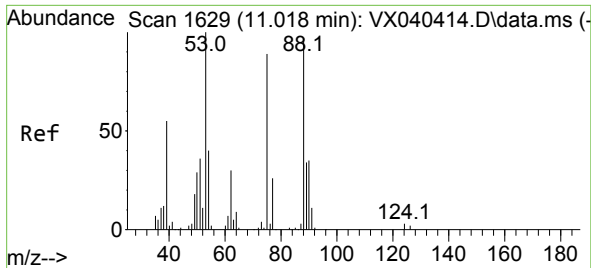
Tgt Ion: 43	Resp: 501
Ion Ratio	Lower Upper
43	100
70	0.0 32.9 49.3#
55	0.0 19.3 28.9#
61	0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 25.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

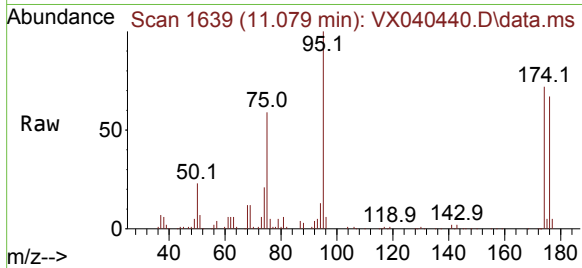
Tgt Ion: 75	Resp: 33459
Ion Ratio	Lower Upper
75	100
77	0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.405 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040440.D
Acq: 23 Feb 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#10



Tgt Ion: 75 Resp: 33459
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

