

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040896.D
 Acq On : 05 Apr 2024 12:22
 Operator : JC/MD
 Sample : PB160019ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#04

Quant Time: Apr 05 23:18:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

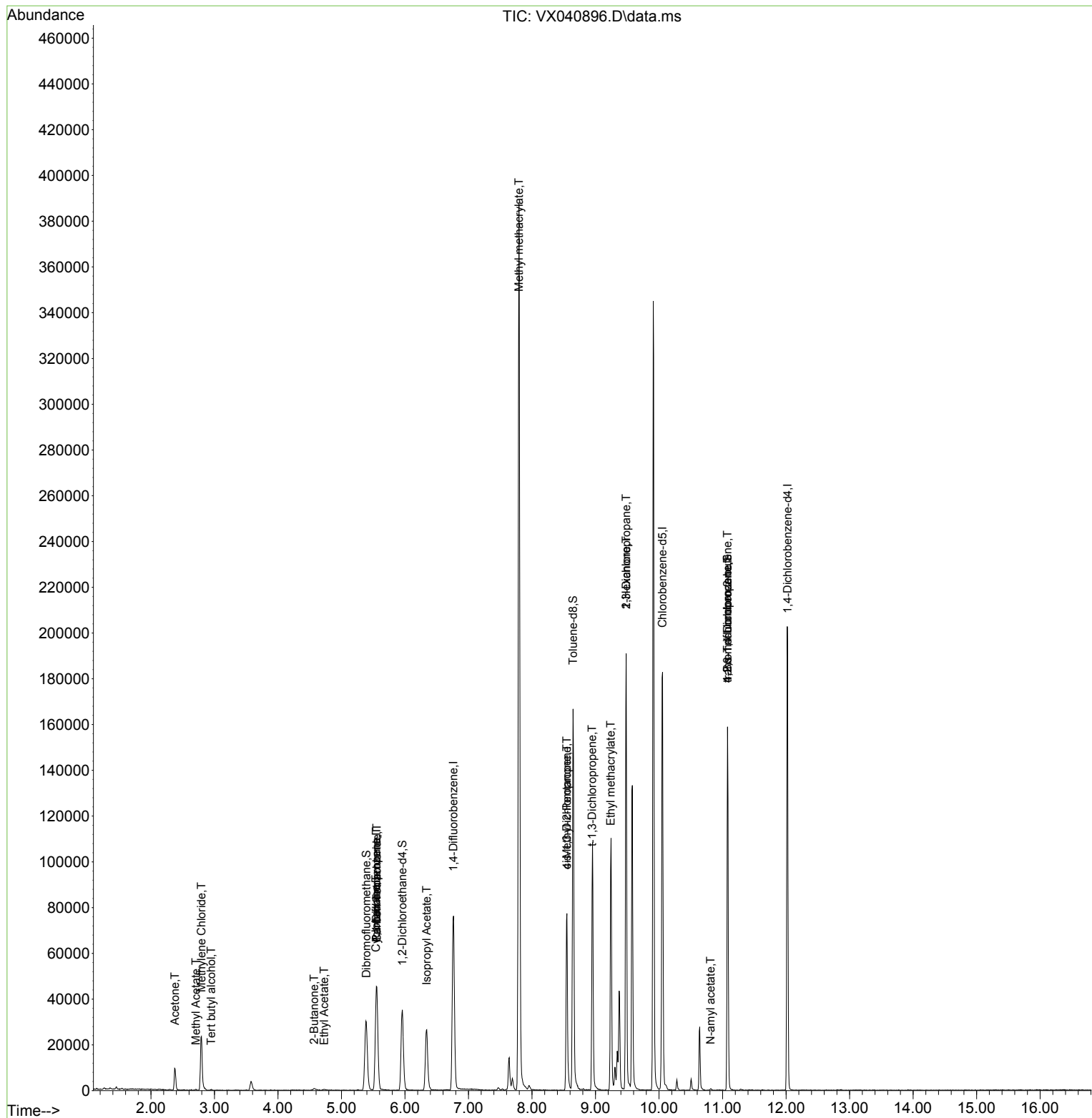
Internal Standards						
1) Pentafluorobenzene	5.550	168	40342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	76784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36293	50.139	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.280%	
35) Dibromofluoromethane	5.391	113	25934	49.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.640%	
50) Toluene-d8	8.647	98	96554	50.811	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	11.079	95	39915	52.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	269	2.036	ug/l #	78
16) Acetone	2.379	43	10978	39.059	ug/l	96
18) Methyl Acetate	2.709	43	453	0.679	ug/l	97
20) Methylene Chloride	2.794	84	11175	21.455	ug/l	95
25) 2-Butanone	4.568	43	1321	3.164	ug/l #	88
31) Cyclohexane	5.543	56	1225	1.595	ug/l #	55
36) 1,1-Dichloropropene	5.550	75	3720	4.978	ug/l #	46
37) Ethyl Acetate	4.727	43	1033	1.126	ug/l #	69
38) Carbon Tetrachloride	5.556	117	4330	5.235	ug/l #	11
43) Isopropyl Acetate	6.342	43	37701	26.606	ug/l	97
48) Methyl methacrylate	7.793	41	37359	53.841	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	30341	32.281	ug/l #	49
53) t-1,3-Dichloropropene	8.945	75	222	1.006	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	11205	13.385	ug/l #	71
56) Ethyl methacrylate	9.238	69	243	0.277	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1647	1.844	ug/l #	42
59) 2-Hexanone	9.482	43	24845	32.960	ug/l #	50
74) N-amyl acetate	10.811	43	324	0.237	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	23501	28.523	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	23501	76.955	ug/l #	5

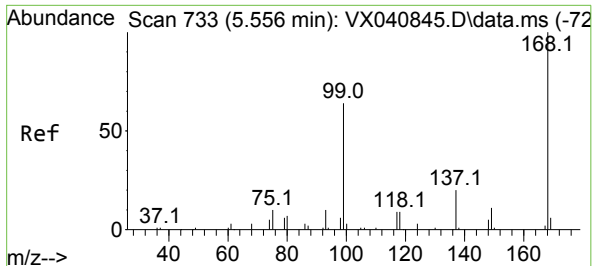
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 05 23:18:57 2024
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Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
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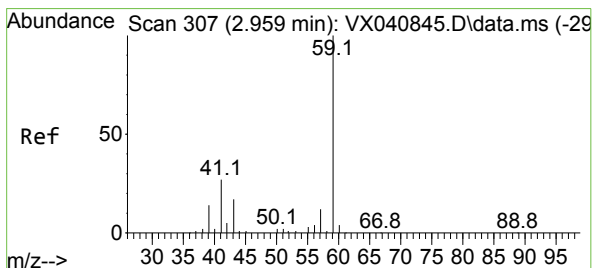
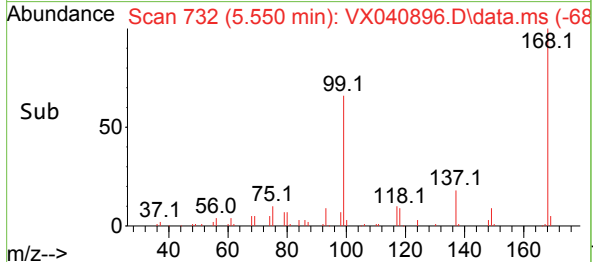
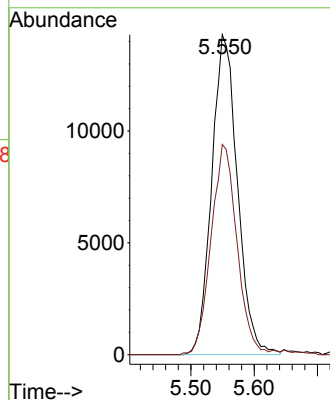
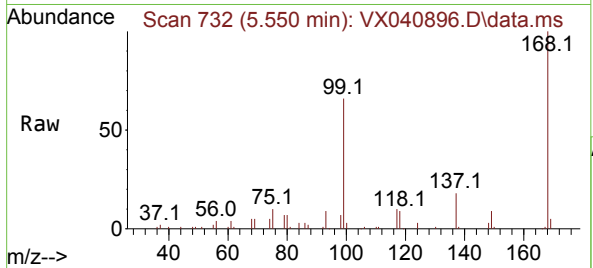




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

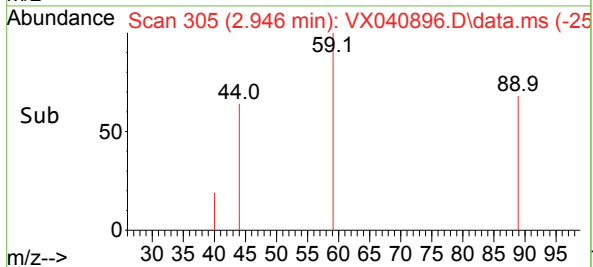
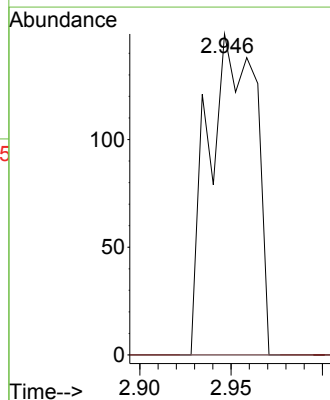
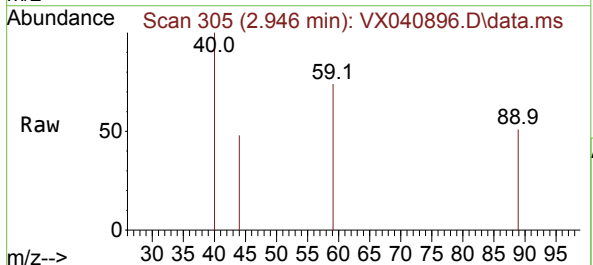
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

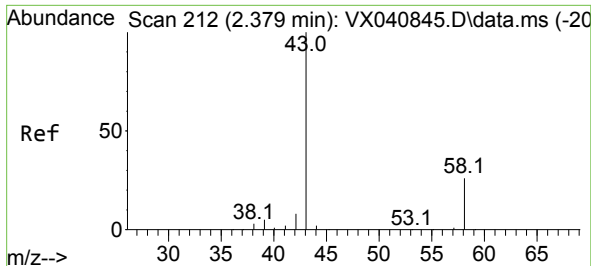
Tgt Ion:168 Resp: 40342
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.036 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

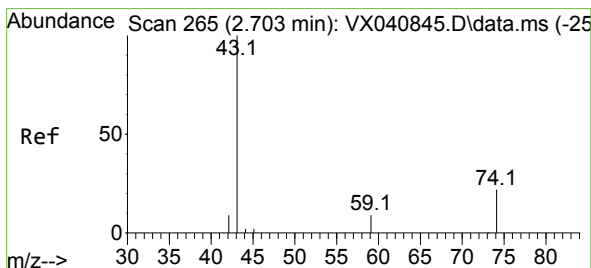
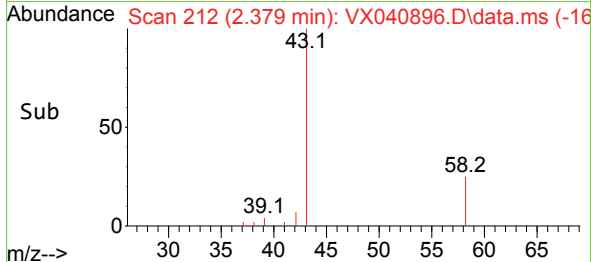
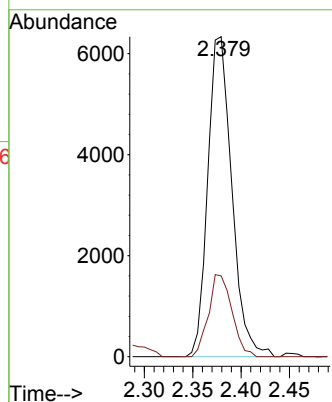
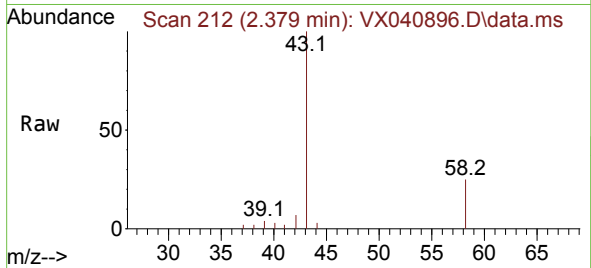




#16
Acetone
Concen: 39.059 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

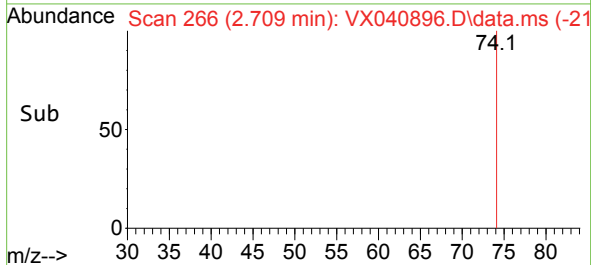
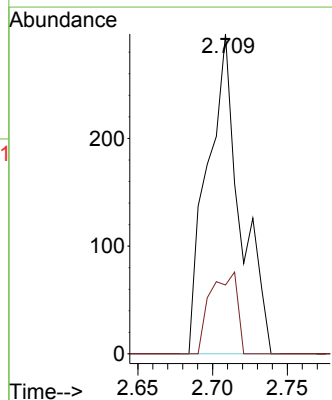
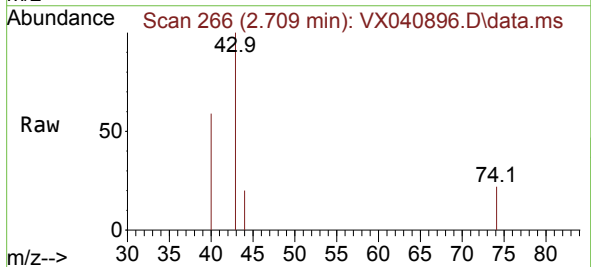
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

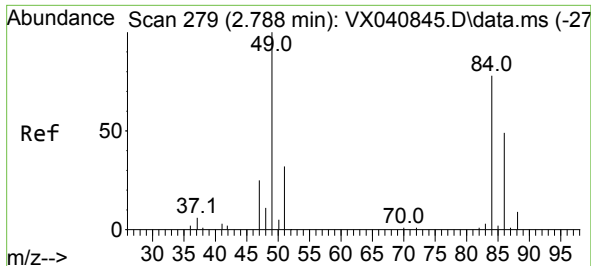
Tgt Ion: 43 Resp: 10978
Ion Ratio Lower Upper
43 100
58 25.2 21.9 32.9



#18
Methyl Acetate
Concen: 0.679 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8



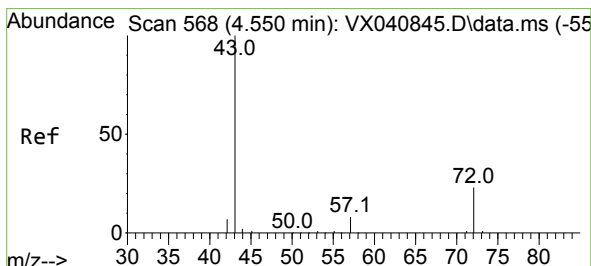
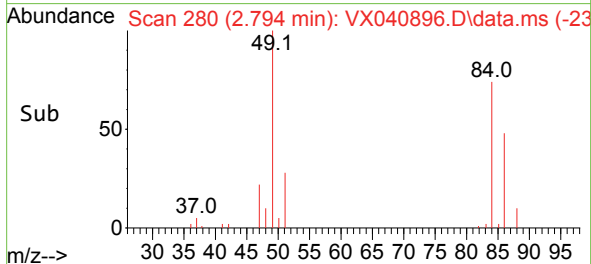
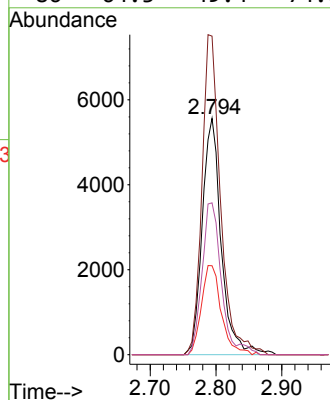
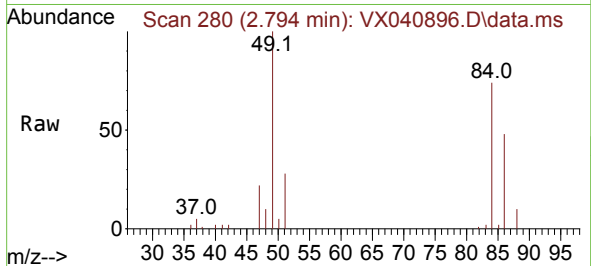


#20
Methylene Chloride
Concen: 21.455 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

Tgt Ion: 84 Resp: 11175

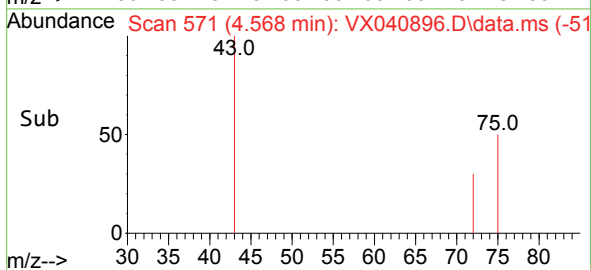
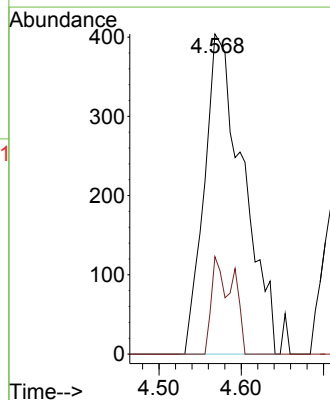
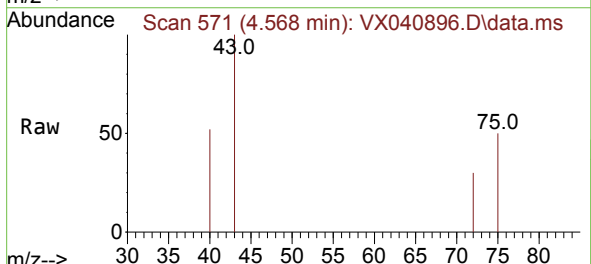
Ion	Ratio	Lower	Upper
84	100		
49	134.8	103.6	155.4
51	37.6	33.8	50.6
86	64.3	49.4	74.0

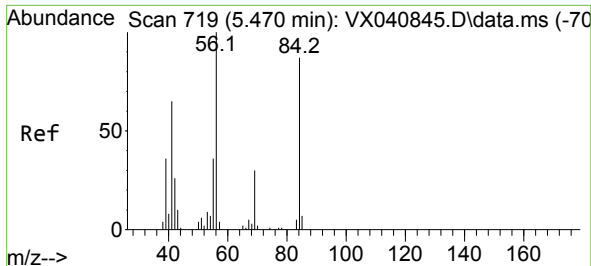


#25
2-Butanone
Concen: 3.164 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 43 Resp: 1321

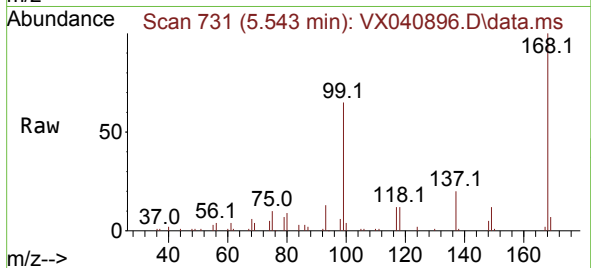
Ion	Ratio	Lower	Upper
43	100		
72	30.4	19.4	29.2#



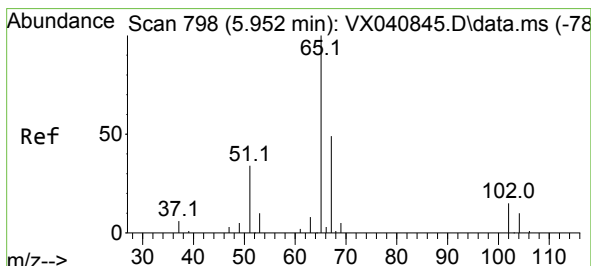
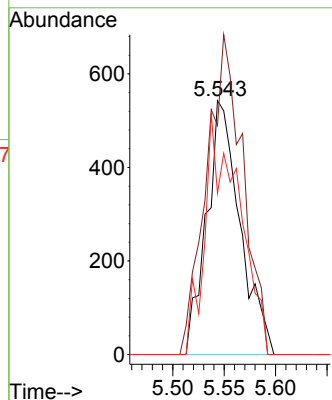
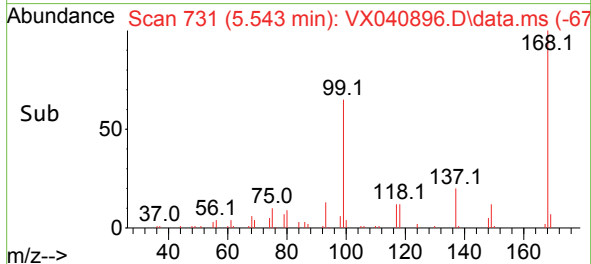


#31
Cyclohexane
Concen: 1.595 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Instrument :
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ClientSampleId :
PB160019ZHE#04

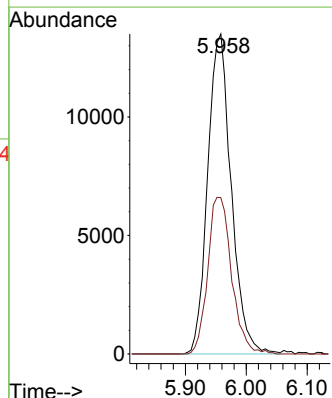
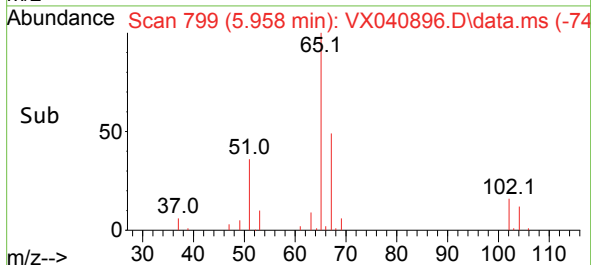
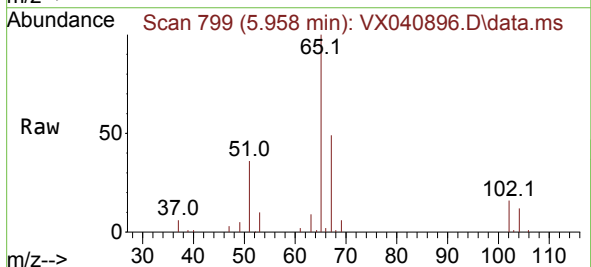


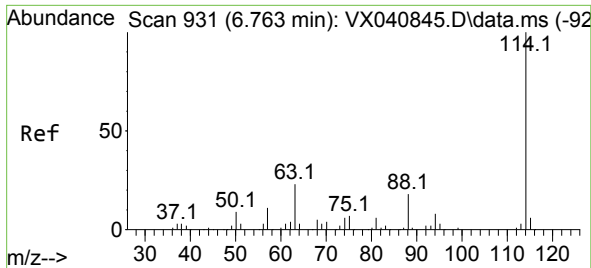
Tgt Ion: 56 Resp: 1225
Ion Ratio Lower Upper
56 100
69 90.2 23.4 35.2#
84 63.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.139 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 65 Resp: 36293
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.2

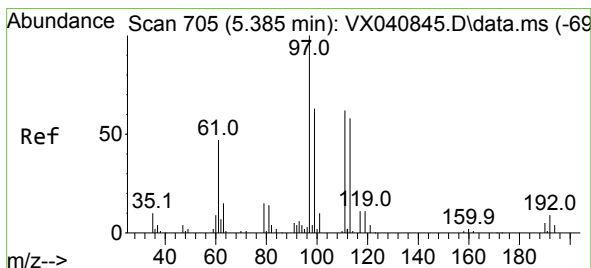
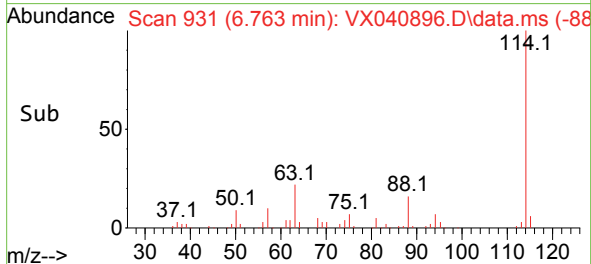
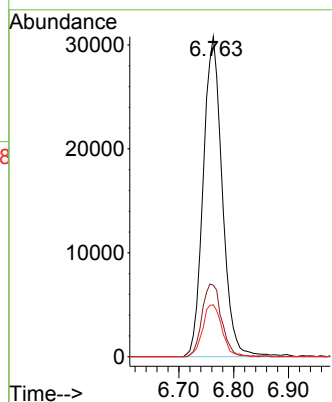
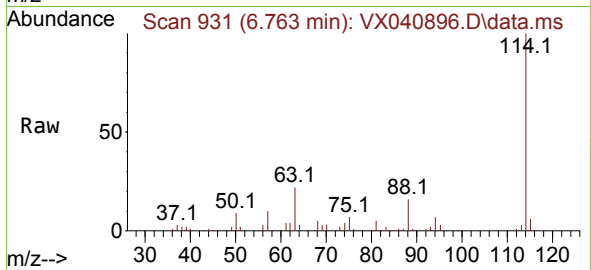




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

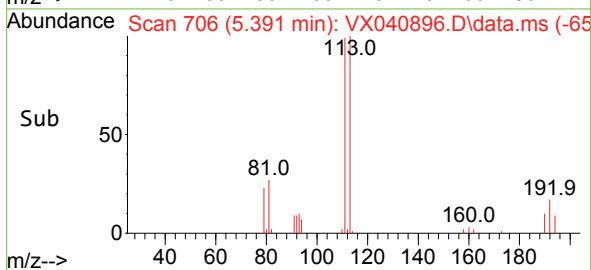
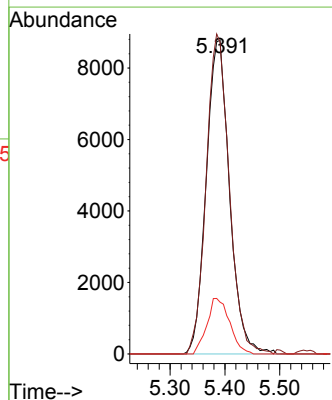
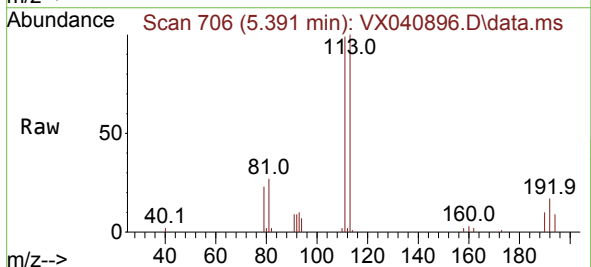
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

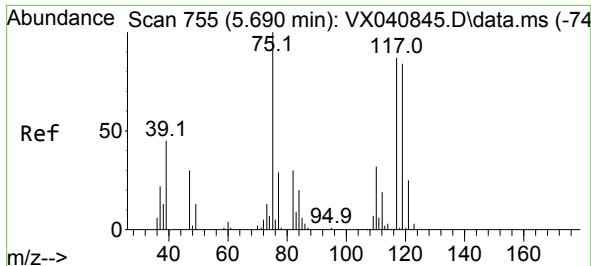
Tgt Ion:114 Resp: 74245
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.316 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

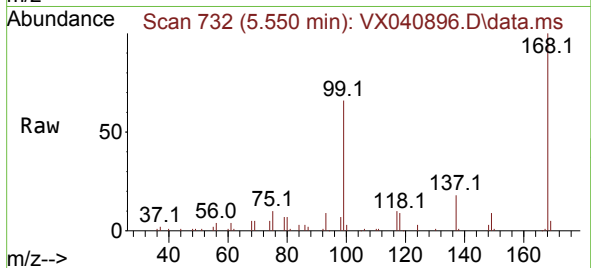
Tgt Ion:113 Resp: 25934
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 17.3 13.3 19.9



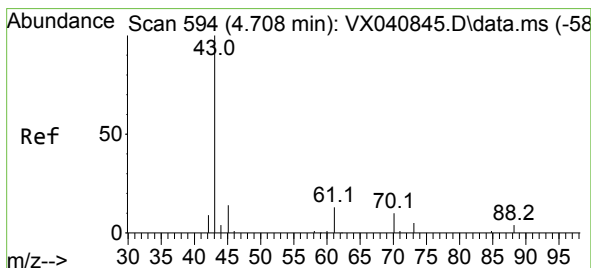
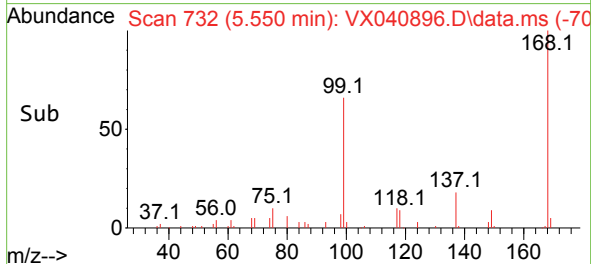
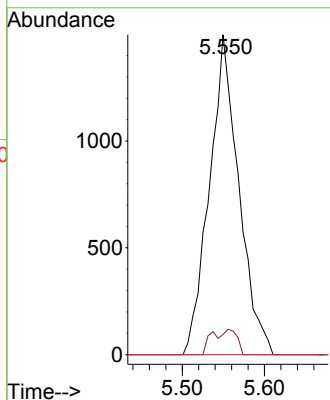


#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

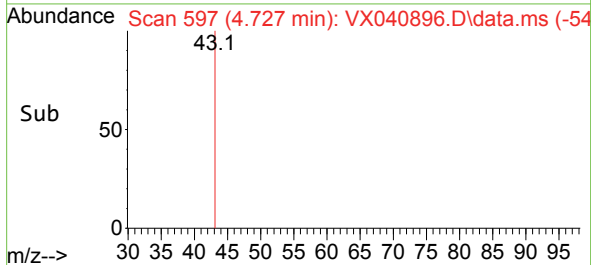
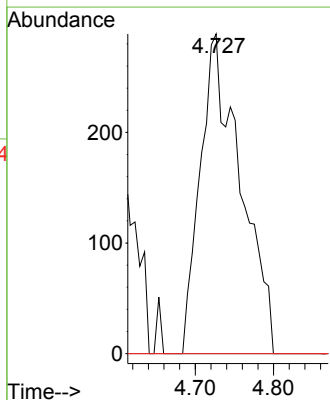
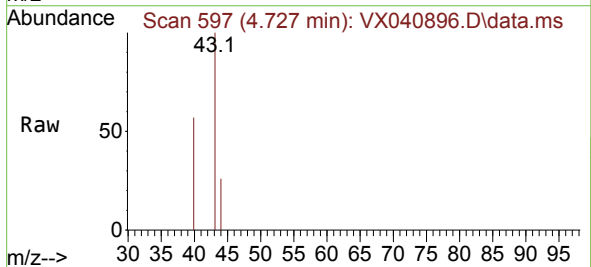


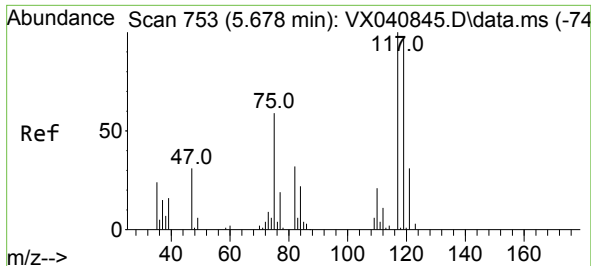
Tgt Ion: 75 Resp: 3720
Ion Ratio Lower Upper
75 100
110 4.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.126 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

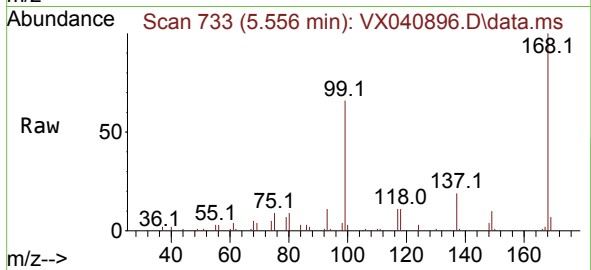
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



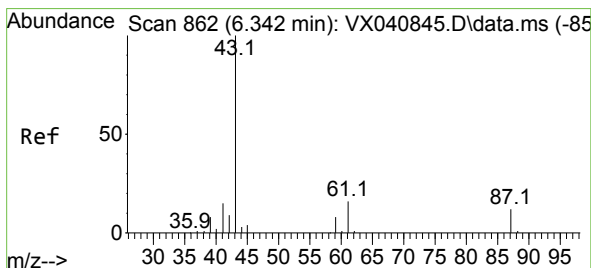
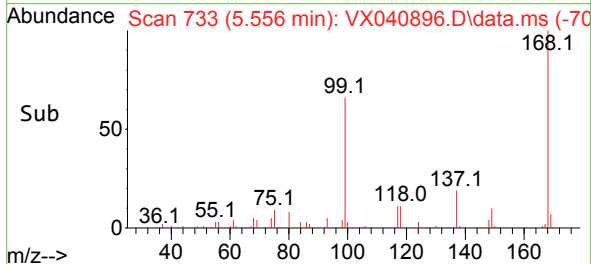
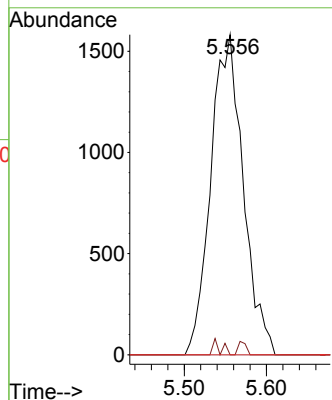


#38
Carbon Tetrachloride
Concen: 5.235 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

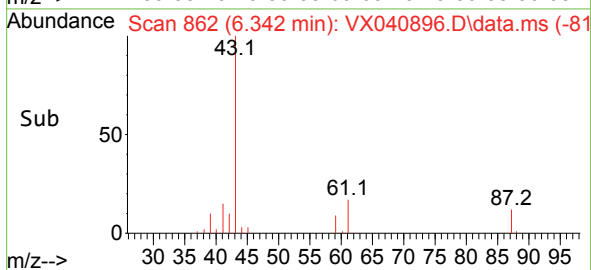
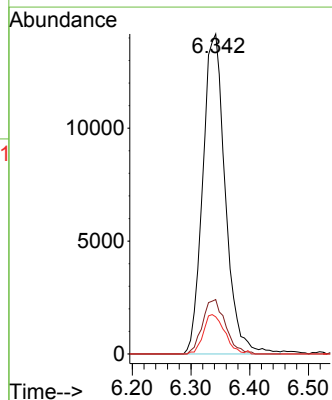
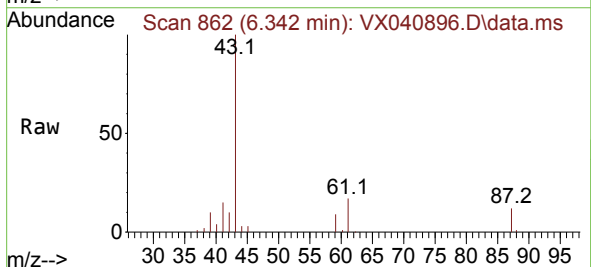


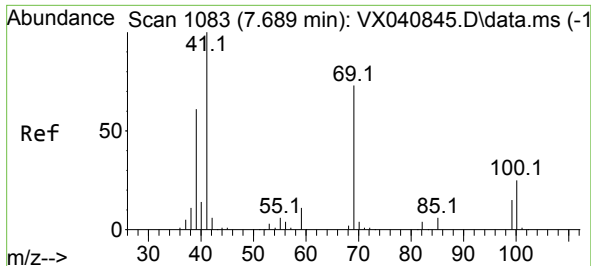
Tgt Ion:117 Resp: 4330
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 26.606 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 43 Resp: 37701
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 11.8 9.8 14.6

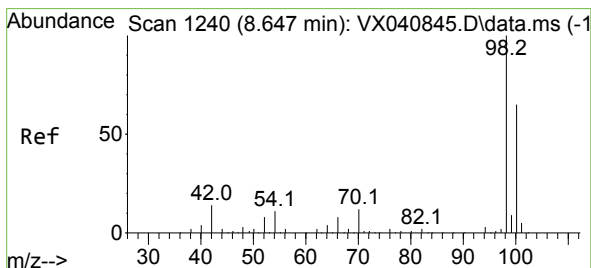
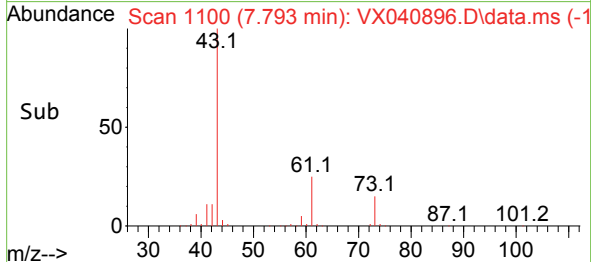
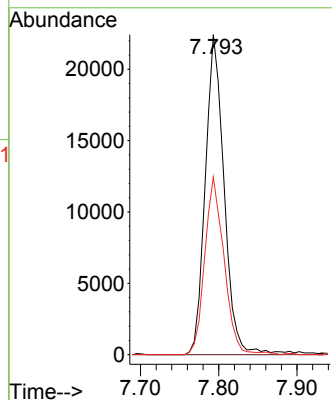
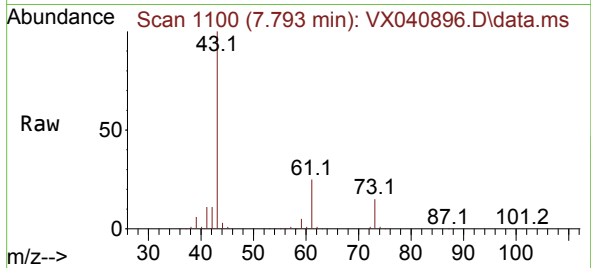




#48
Methyl methacrylate
Concen: 53.841 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

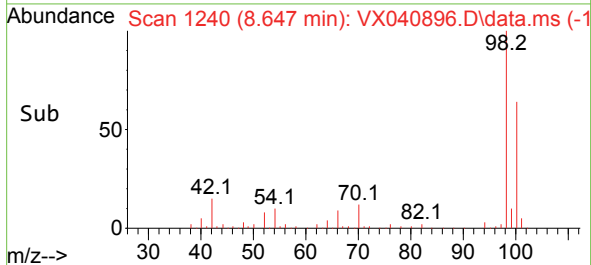
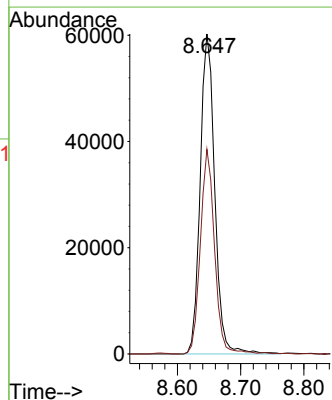
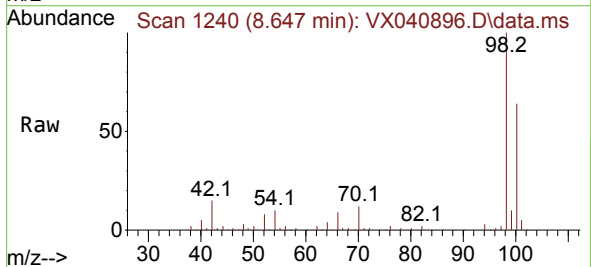
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

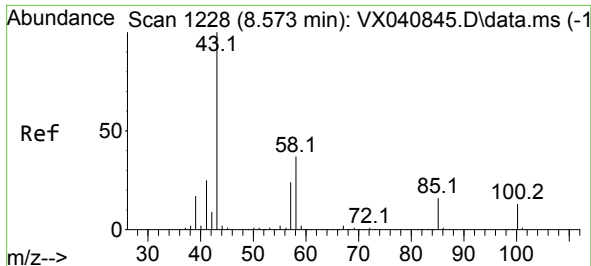
Tgt Ion: 41 Resp: 37359
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 57.2 47.7 71.5



#50
Toluene-d8
Concen: 50.811 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 98 Resp: 96554
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7

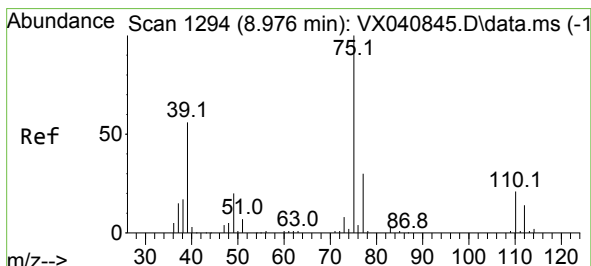
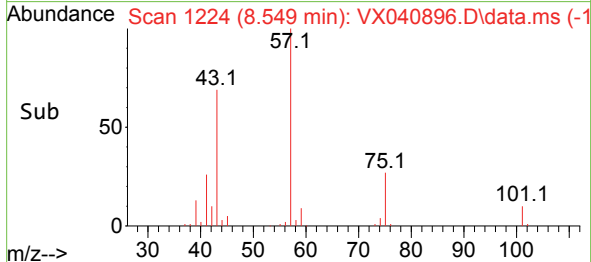
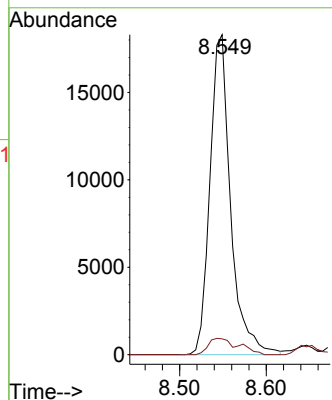
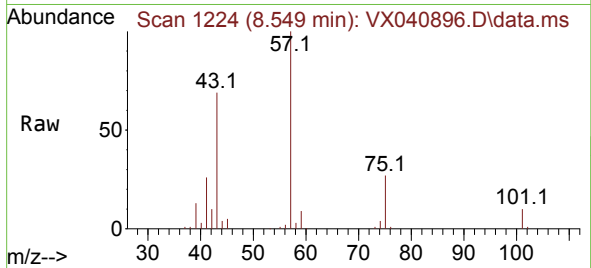




#51
4-Methyl-2-Pentanone
Concen: 32.281 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

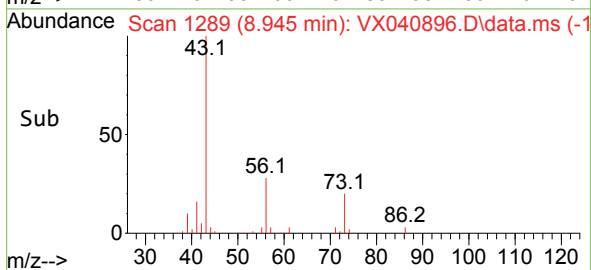
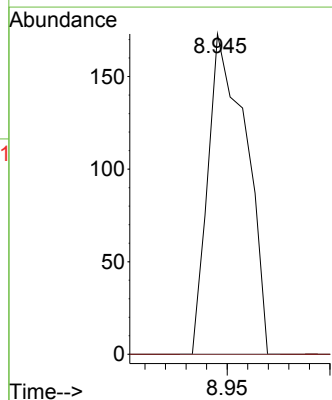
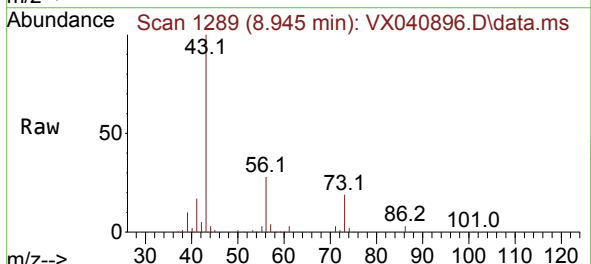
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

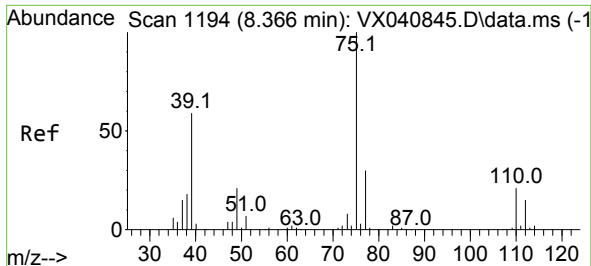
Tgt Ion: 43 Resp: 30341
Ion Ratio Lower Upper
43 100
58 7.5 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.006 ug/l
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 75 Resp: 222
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

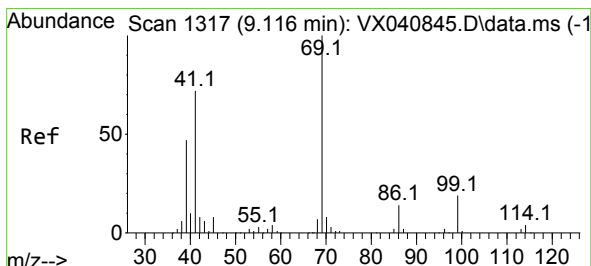
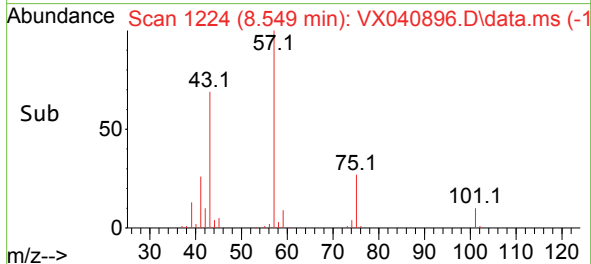
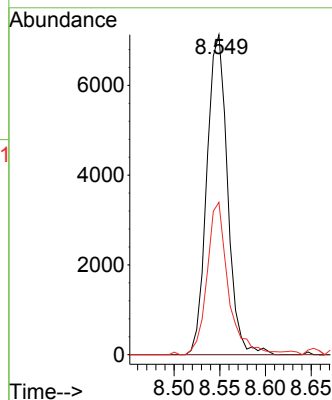
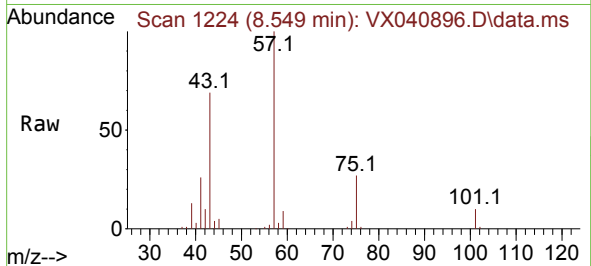




#54
 cis-1,3-Dichloropropene
 Concen: 13.385 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040896.D
 Acq: 05 Apr 2024 12:22

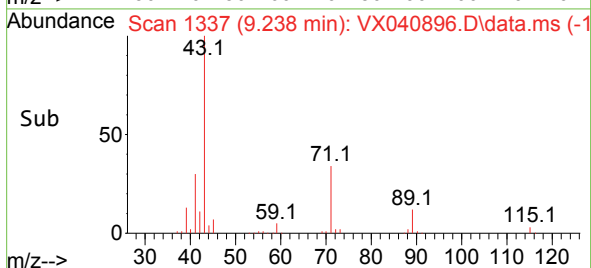
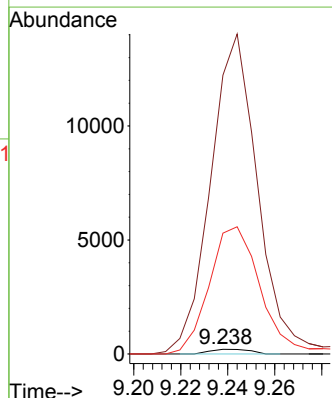
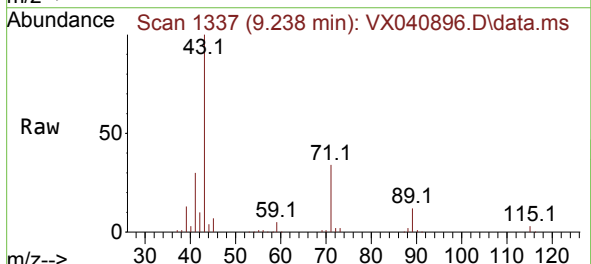
Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#04

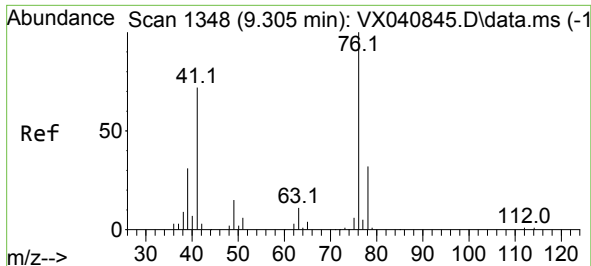
Tgt Ion: 75 Resp: 11205
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 47.6 46.7 70.1



#56
 Ethyl methacrylate
 Concen: 0.277 ug/l
 RT: 9.238 min Scan# 1337
 Delta R.T. 0.122 min
 Lab File: VX040896.D
 Acq: 05 Apr 2024 12:22

Tgt Ion: 69 Resp: 243
 Ion Ratio Lower Upper
 69 100
 41 8070.4 56.8 85.2#
 39 3505.3 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.844 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX040896.D

Acq: 05 Apr 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

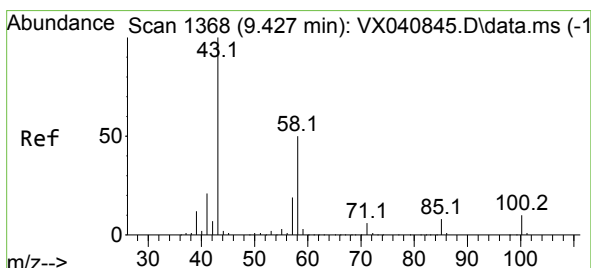
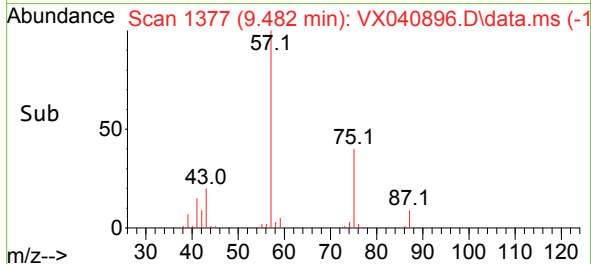
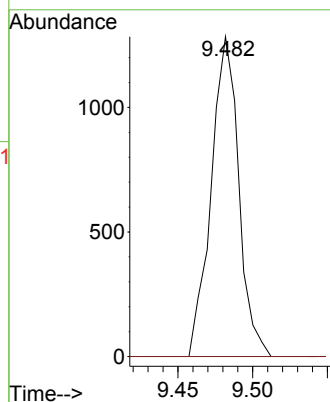
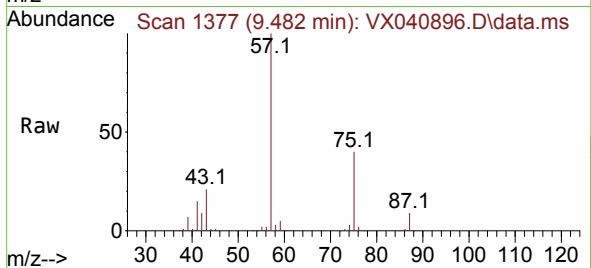
PB160019ZHE#04

Tgt Ion: 76 Resp: 1647

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 32.960 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX040896.D

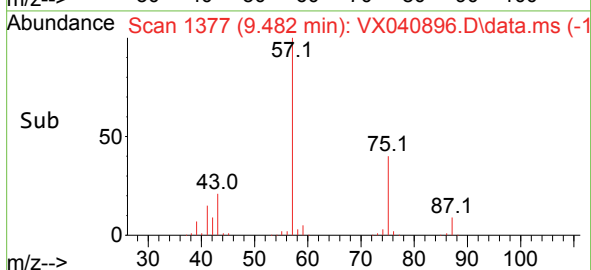
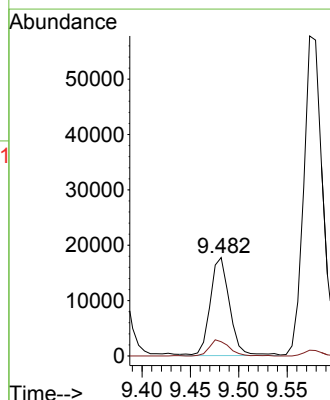
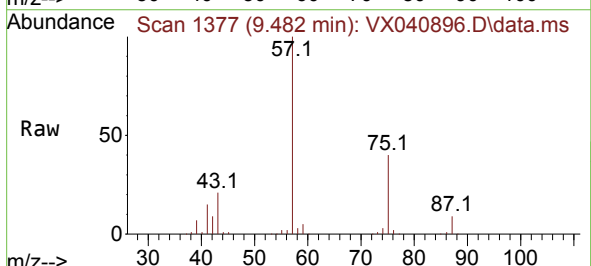
Acq: 05 Apr 2024 12:22

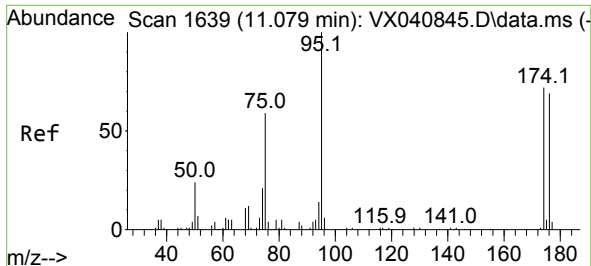
Tgt Ion: 43 Resp: 24845

Ion Ratio Lower Upper

43 100

58 16.8 26.2 78.5#

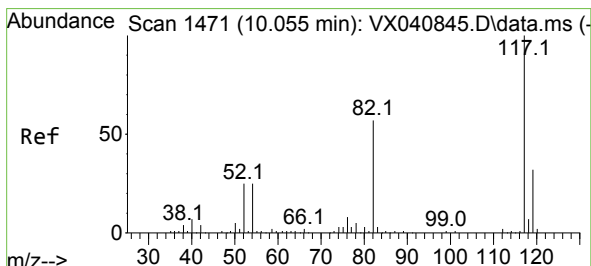
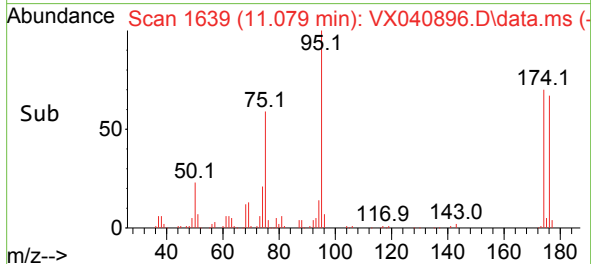
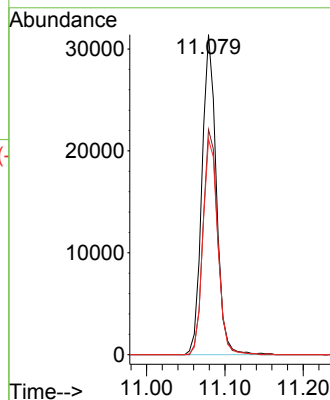
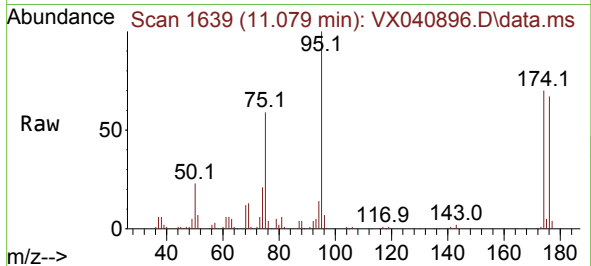




#62
4-Bromofluorobenzene
Concen: 52.599 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

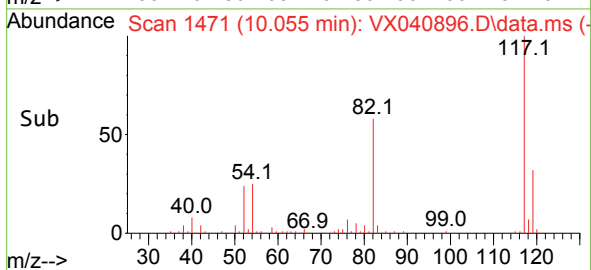
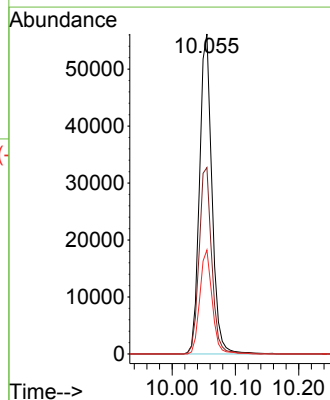
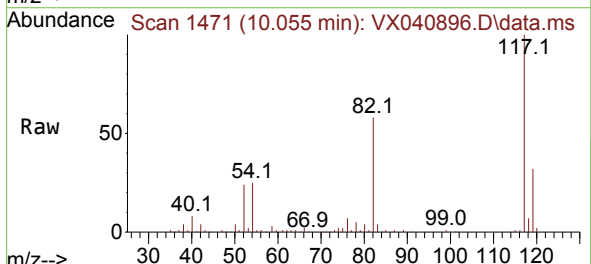
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#04

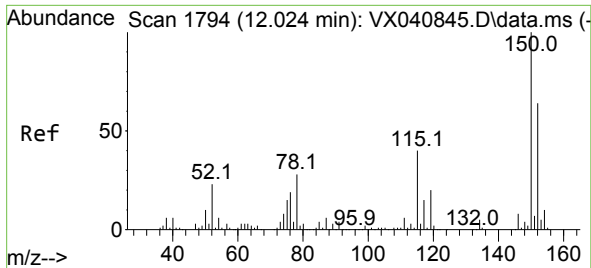
Tgt Ion: 95 Resp: 39915
Ion Ratio Lower Upper
95 100
174 71.8 0.0 135.6
176 69.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040896.D
Acq: 05 Apr 2024 12:22

Tgt Ion: 117 Resp: 76784
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.5 25.5 38.3

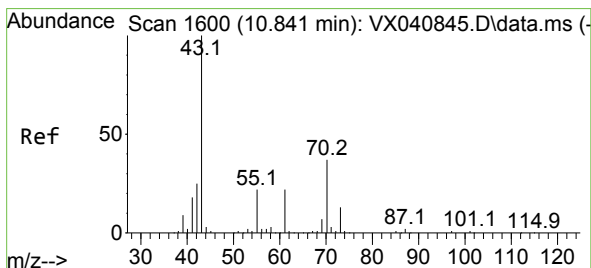
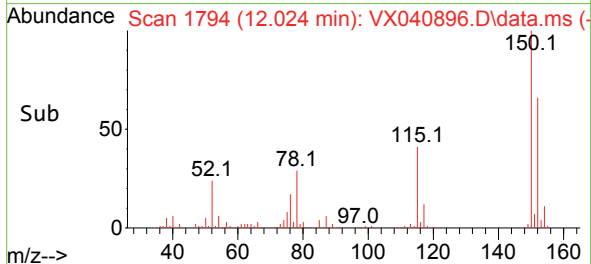
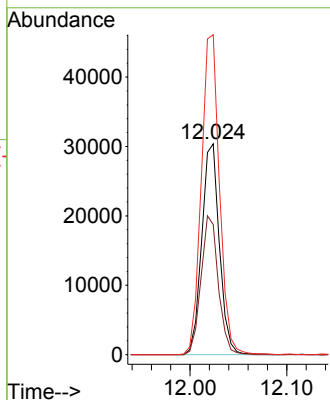
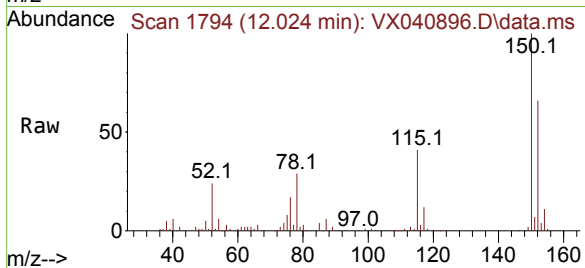




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX040896.D
 Acq: 05 Apr 2024 12:22

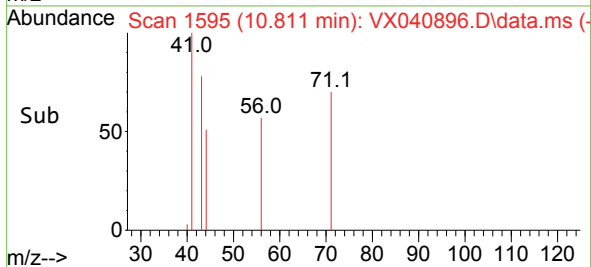
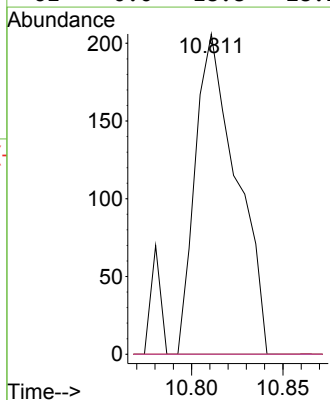
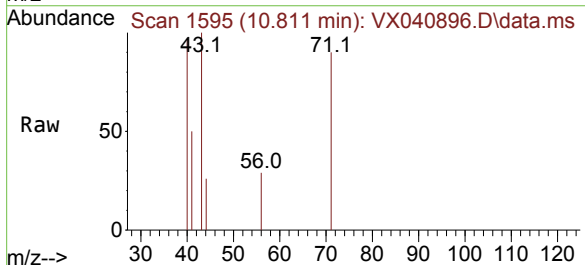
Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#04

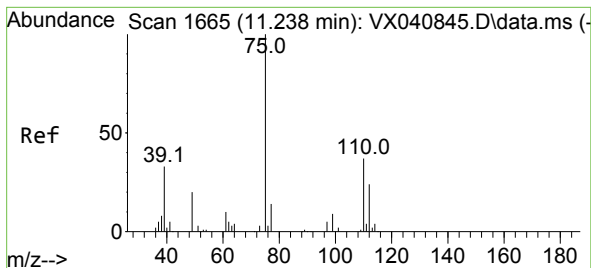
Tgt Ion:152 Resp: 38639
 Ion Ratio Lower Upper
 152 100
 115 64.5 43.3 129.9
 150 156.4 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.237 ug/l
 RT: 10.811 min Scan# 1595
 Delta R.T. -0.031 min
 Lab File: VX040896.D
 Acq: 05 Apr 2024 12:22

Tgt Ion: 43 Resp: 324
 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: 28.523 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040896.D

Acq: 05 Apr 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

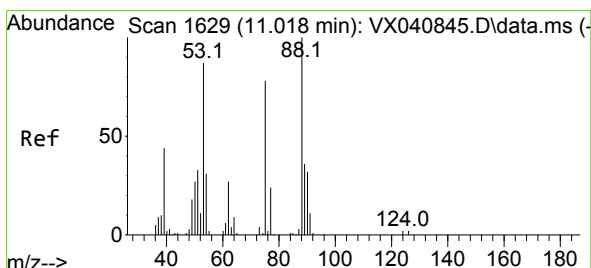
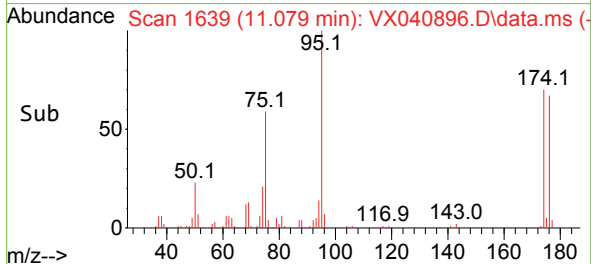
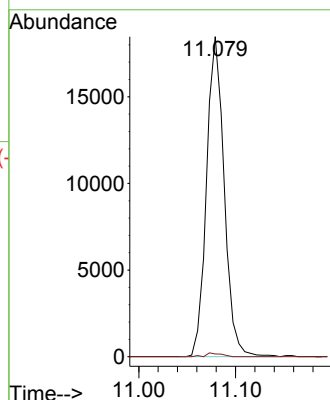
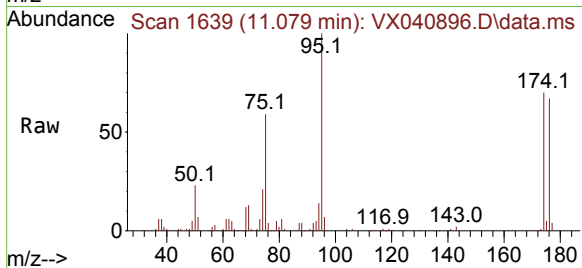
PB160019ZHE#04

Tgt Ion: 75 Resp: 23501

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.955 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040896.D

Acq: 05 Apr 2024 12:22

Tgt Ion: 75 Resp: 23501

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.2 36.9 55.3#

