

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040127.D
 Acq On : 05 Feb 2024 19:31
 Operator : JC/MD
 Sample : PB158807TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158807TB

Quant Time: Feb 06 03:06:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

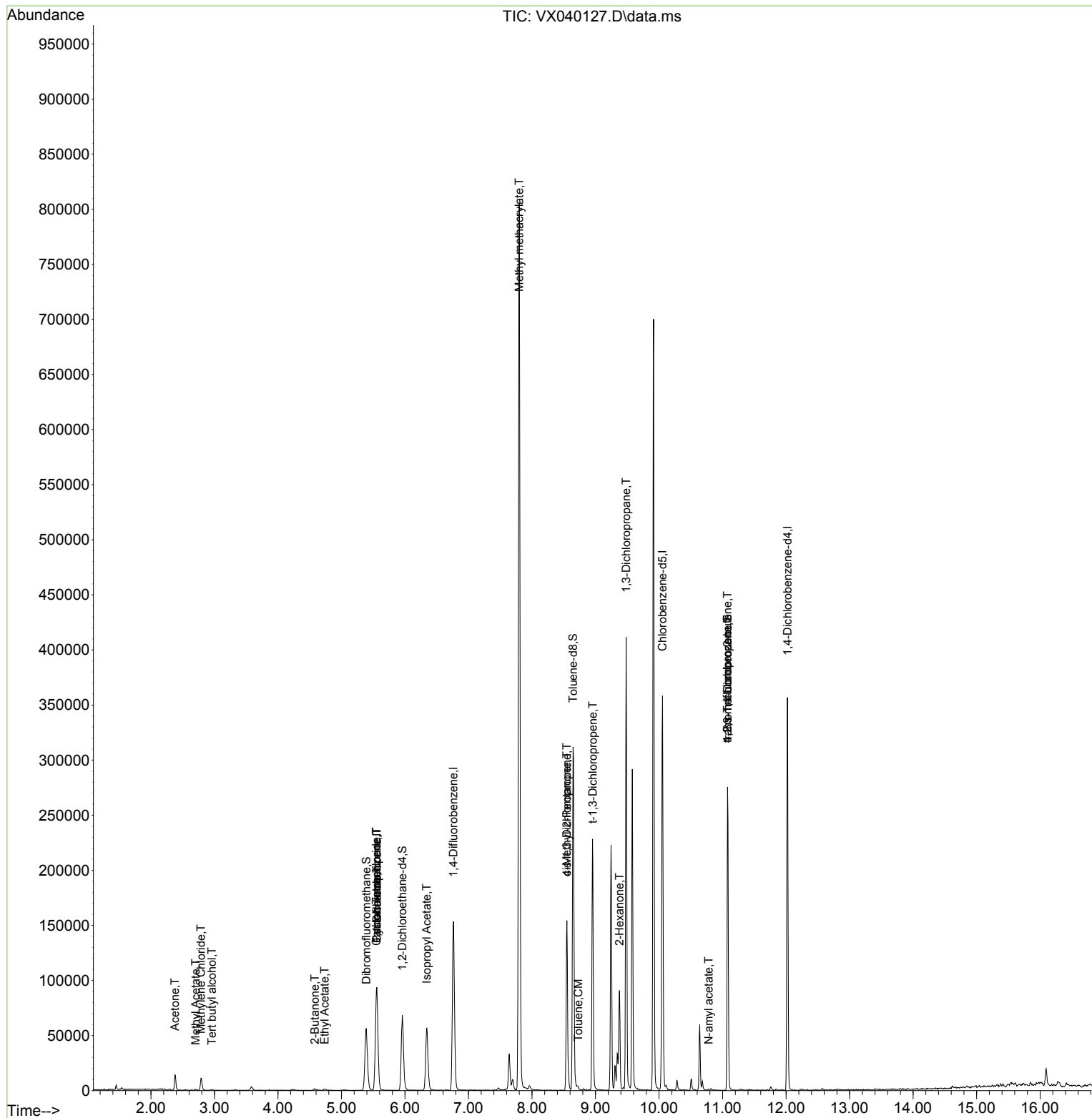
Internal Standards						
1) Pentafluorobenzene	5.556	168	84766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61503	45.084	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.160%		
35) Dibromofluoromethane	5.391	113	47284	46.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.647	98	184910	48.155	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.300%		
62) 4-Bromofluorobenzene	11.079	95	75765	51.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.480%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	670	2.707	ug/l #	78
16) Acetone	2.379	43	14678	22.963	ug/l	90
18) Methyl Acetate	2.703	43	1067	0.705	ug/l	96
20) Methylene Chloride	2.788	84	4982	4.386	ug/l	96
25) 2-Butanone	4.580	43	2762	3.108	ug/l	93
31) Cyclohexane	5.556	56	2109	1.234	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	7294	4.912	ug/l #	51
37) Ethyl Acetate	4.733	43	2091	1.289	ug/l #	87
38) Carbon Tetrachloride	5.550	117	8967	6.311	ug/l #	13
43) Isopropyl Acetate	6.342	43	78157	30.560	ug/l	99
48) Methyl methacrylate	7.799	41	69361	55.055	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	54386	31.152	ug/l #	51
52) Toluene	8.726	92	897	0.333	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	587	0.371	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	23762	14.064	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	3519	1.915	ug/l #	42
59) 2-Hexanone	9.378	43	69339	49.813	ug/l #	26
74) N-amyl acetate	10.780	43	833	0.552	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	39856	25.832	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39856	75.975	ug/l #	5

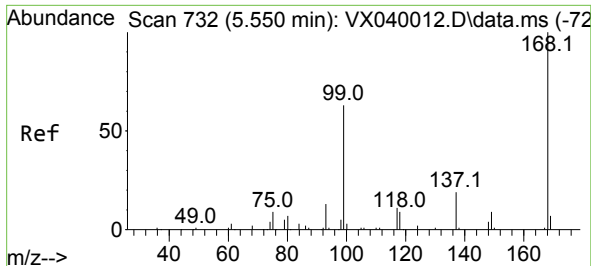
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
Data File : VX040127.D
Acq On : 05 Feb 2024 19:31
Operator : JC/MD
Sample : PB158807TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

Quant Time: Feb 06 03:06:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

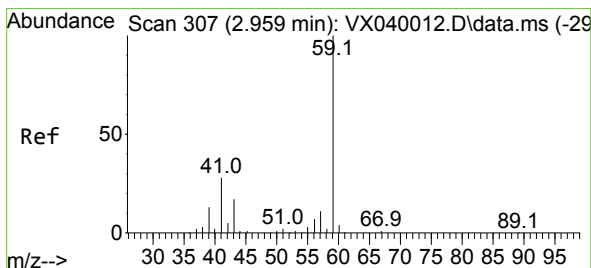
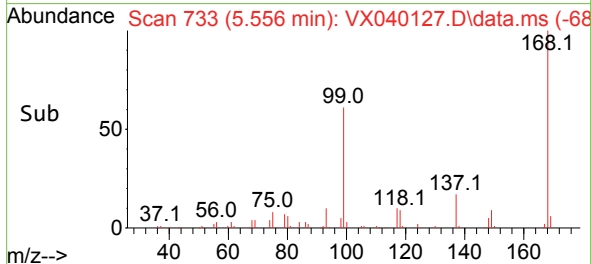
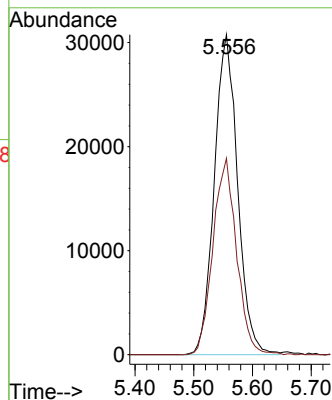
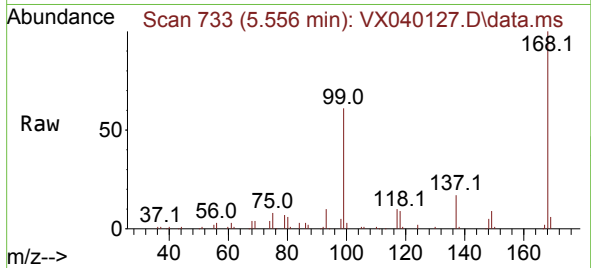




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

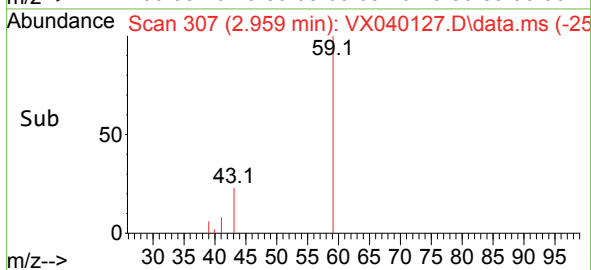
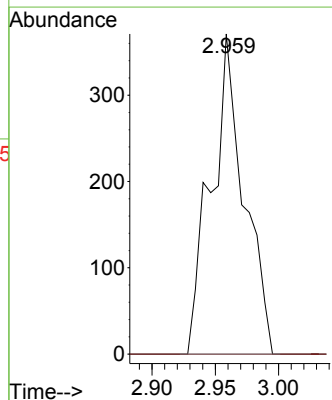
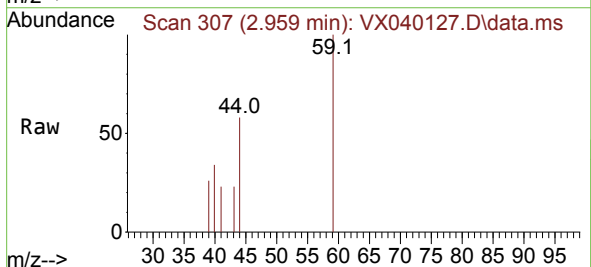
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

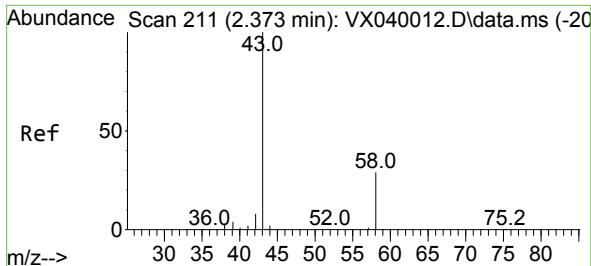
Tgt Ion:168 Resp: 84766
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.707 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 59 Resp: 670
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

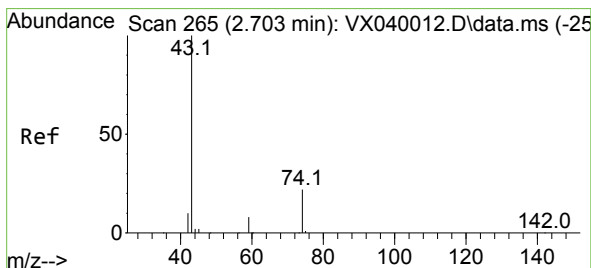
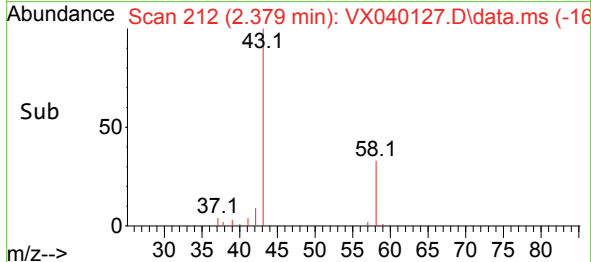
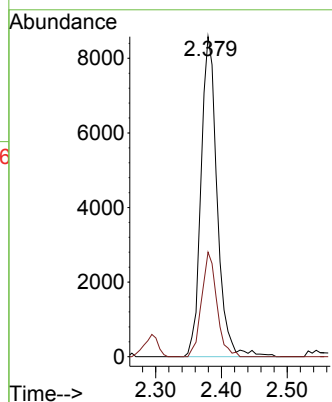
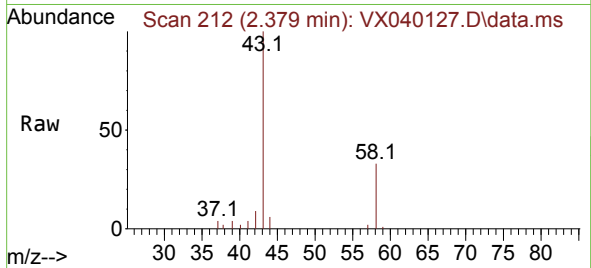




#16
Acetone
Concen: 22.963 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

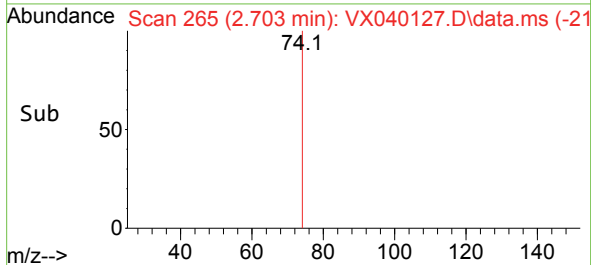
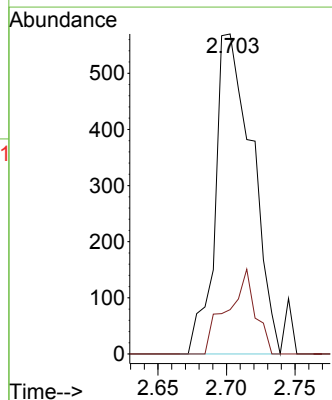
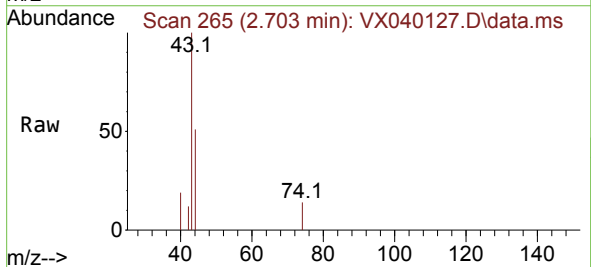
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

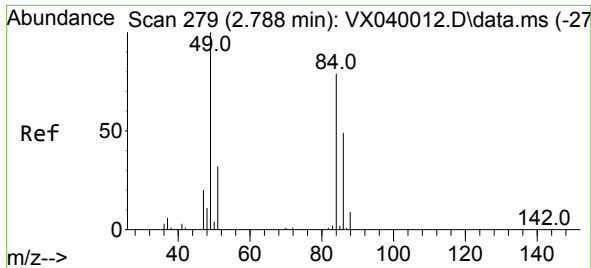
Tgt Ion: 43 Resp: 14678
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#18
Methyl Acetate
Concen: 0.705 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.8

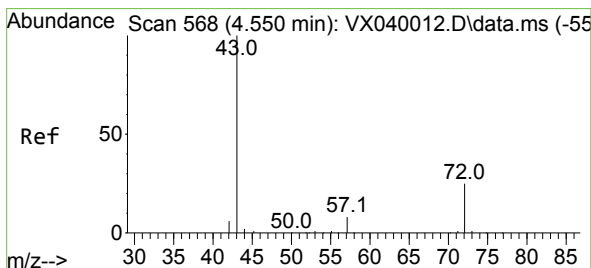
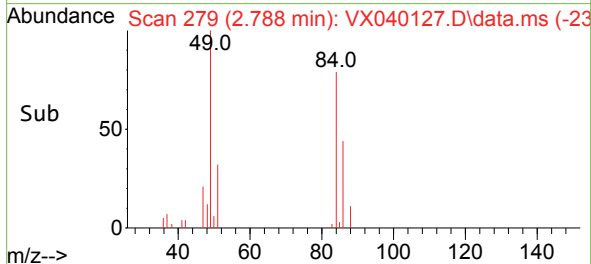
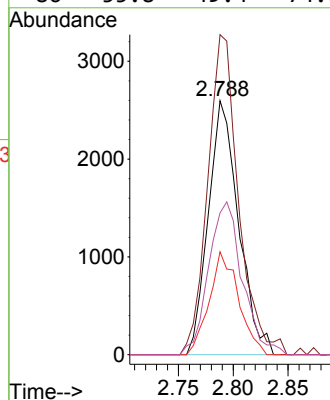
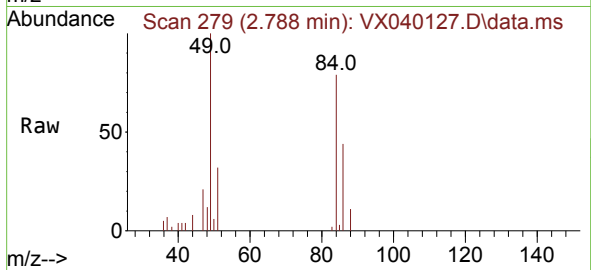




#20
Methylene Chloride
Concen: 4.386 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

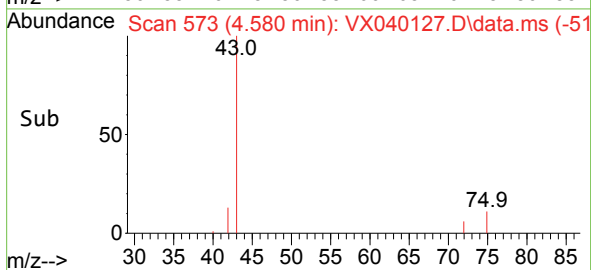
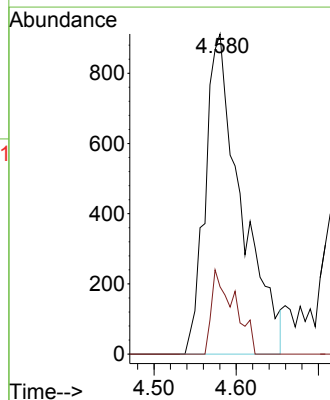
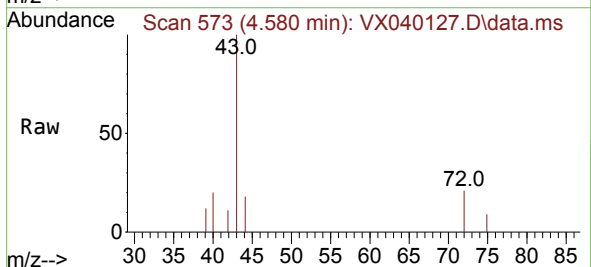
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

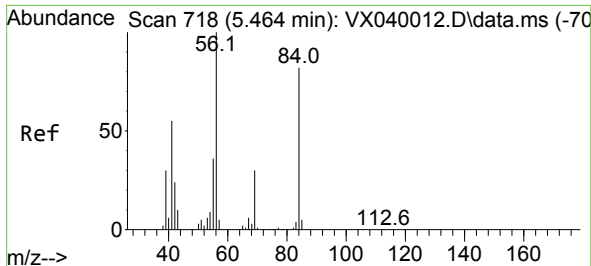
Tgt Ion:	84	Resp:	4982
Ion	Ratio	Lower	Upper
84	100		
49	126.0	103.6	155.4
51	40.5	33.8	50.6
86	55.8	49.4	74.0



#25
2-Butanone
Concen: 3.108 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion:	43	Resp:	2762
Ion	Ratio	Lower	Upper
43	100		
72	21.1	19.4	29.2

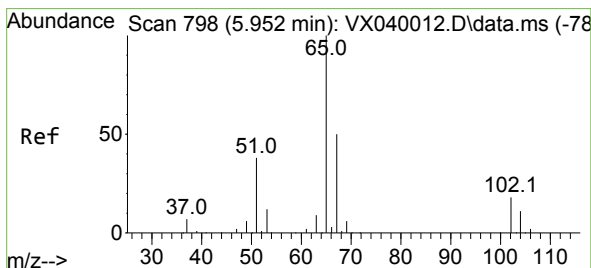
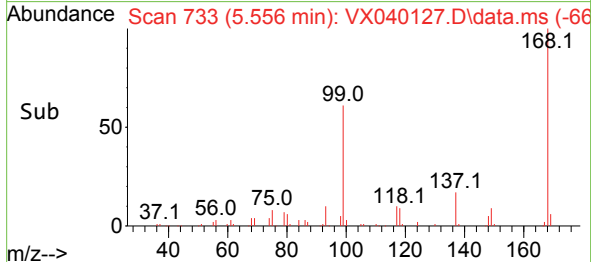
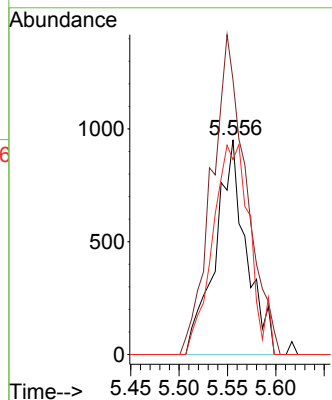
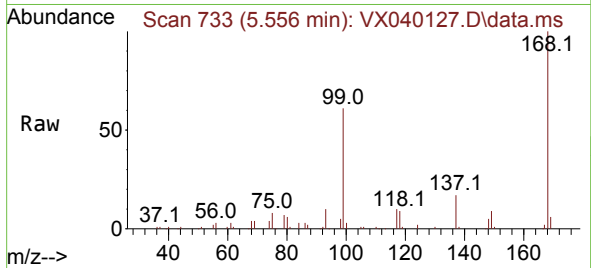




#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

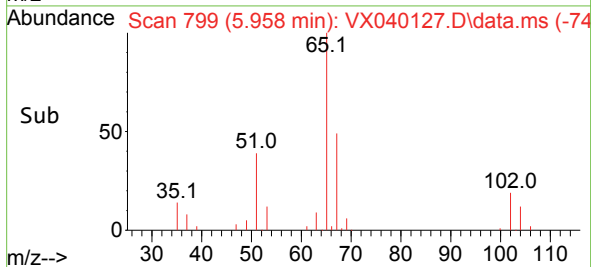
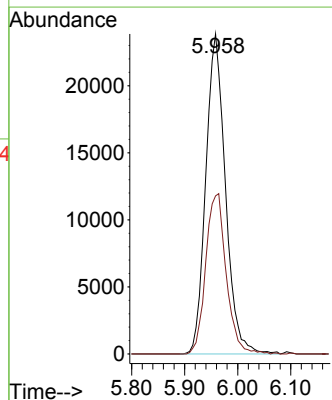
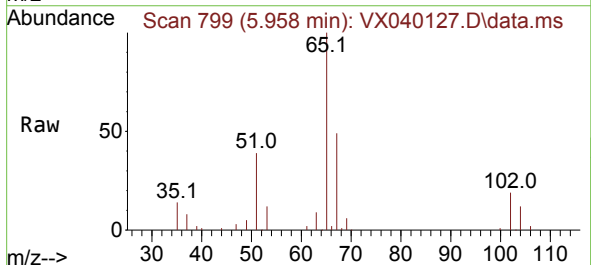
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

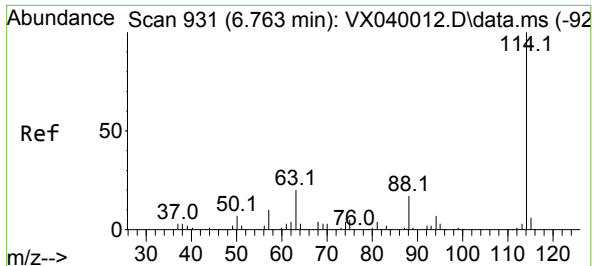
Tgt Ion: 56 Resp: 2109
Ion Ratio Lower Upper
56 100
69 127.8 23.4 35.2#
84 90.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.084 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 65 Resp: 61503
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

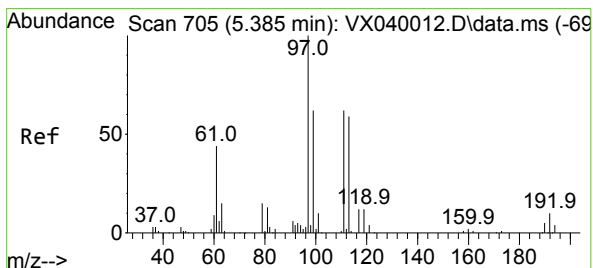
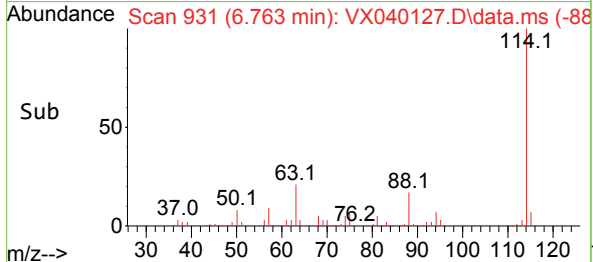
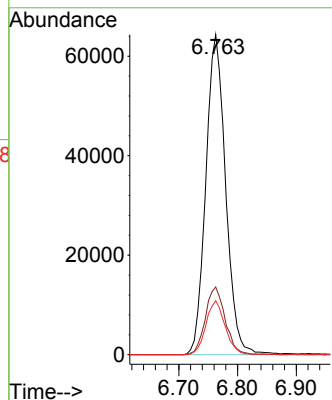
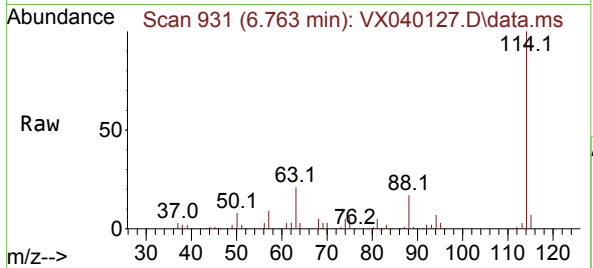




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

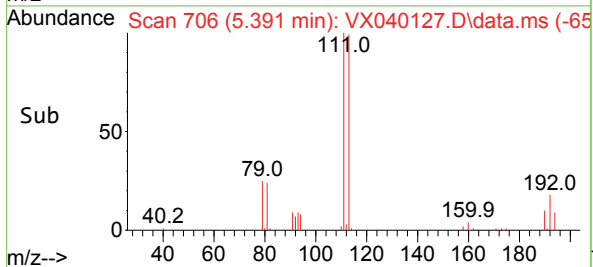
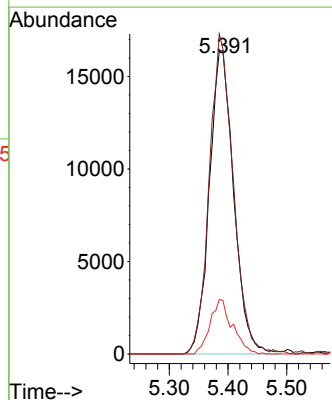
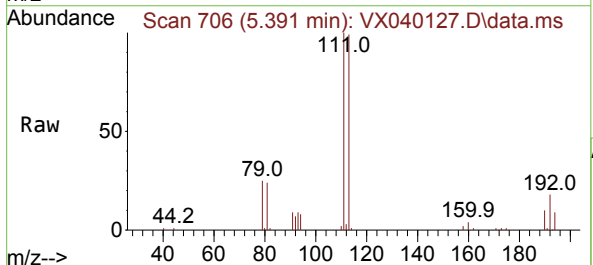
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

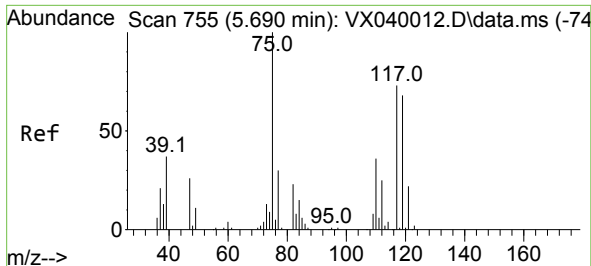
Tgt Ion:114 Resp: 150836
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.050 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion:113 Resp: 47284
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 16.4 13.3 19.9

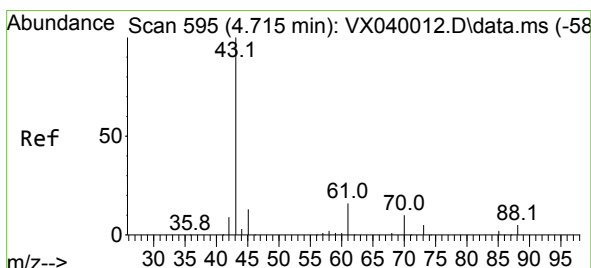
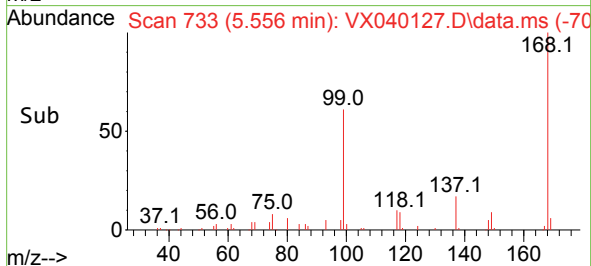
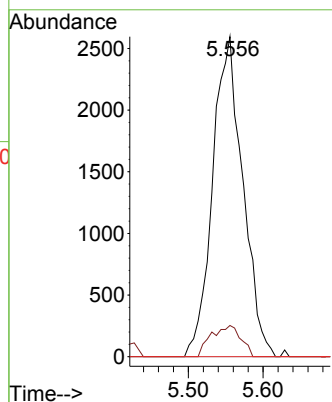
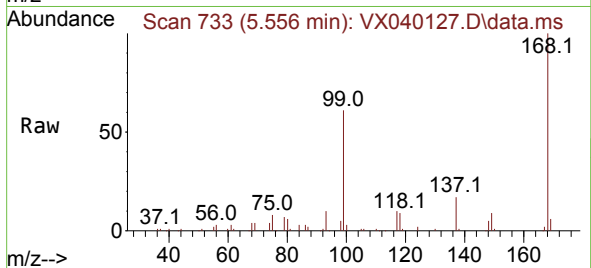




#36
1,1-Dichloropropene
Concen: 4.912 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

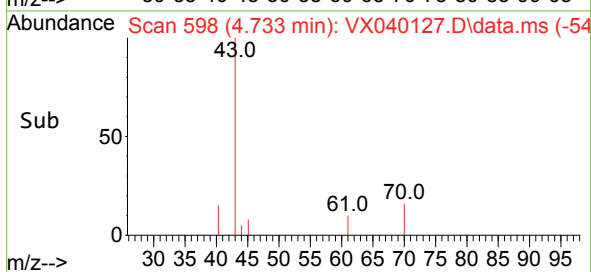
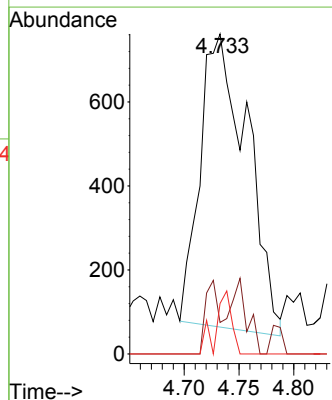
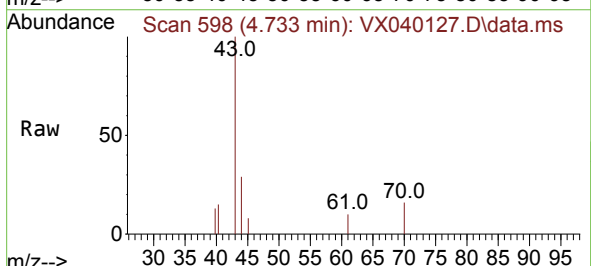
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

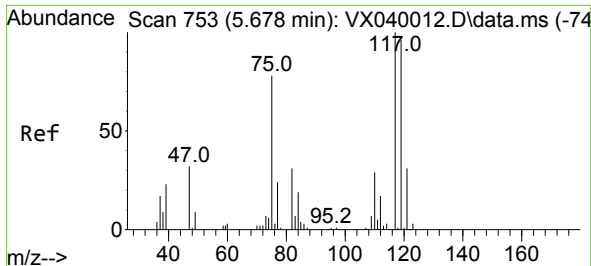
Tgt Ion: 75 Resp: 7294
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.289 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

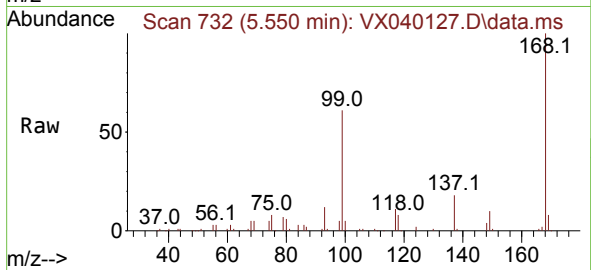
Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
61 6.9 10.6 16.0#
70 7.2 8.3 12.5#



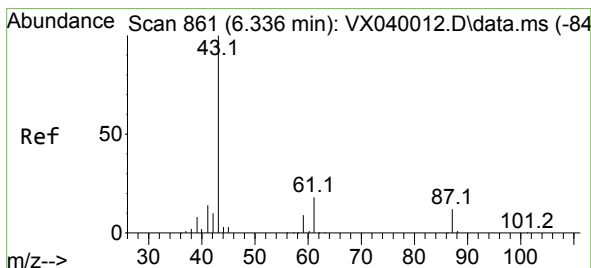
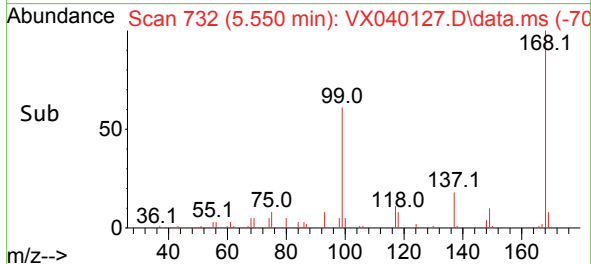
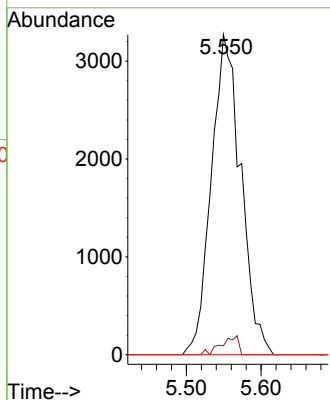


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

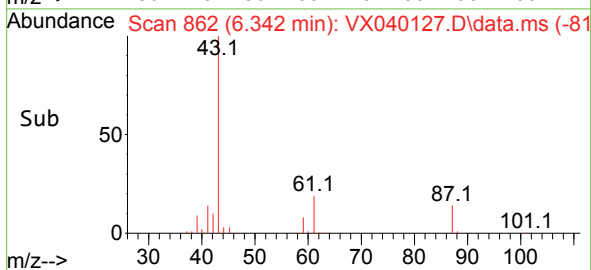
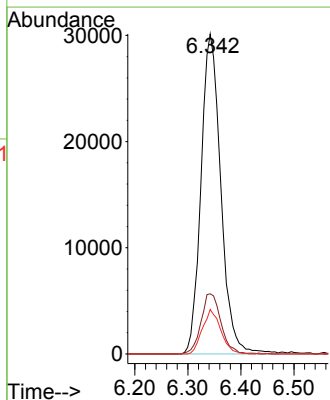
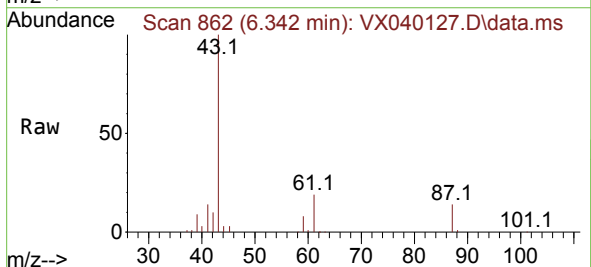


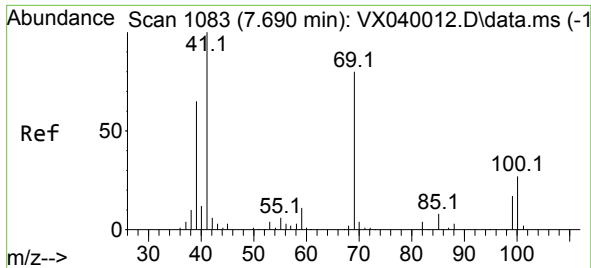
Tgt Ion:117 Resp: 8967
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 30.560 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 43 Resp: 78157
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.8 9.8 14.6

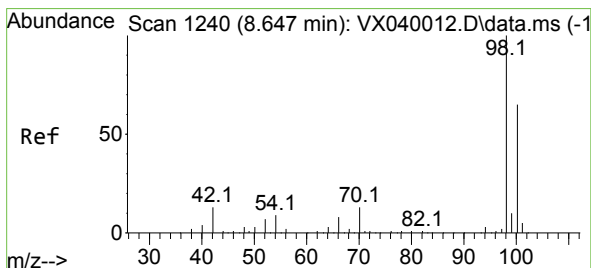
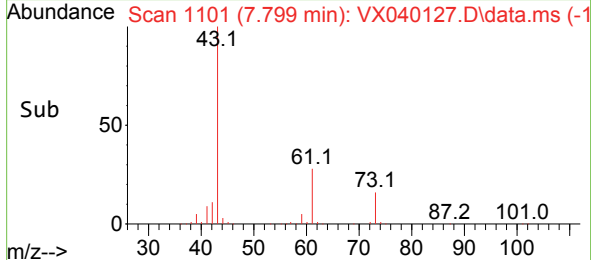
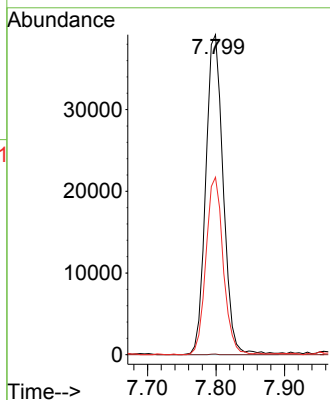
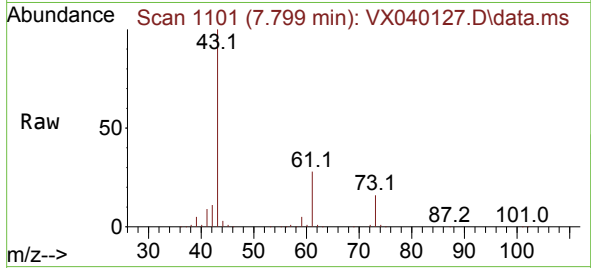




#48
Methyl methacrylate
Concen: 55.055 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

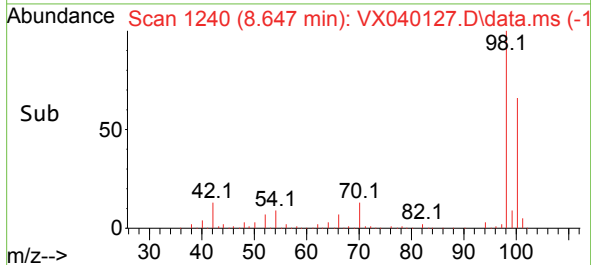
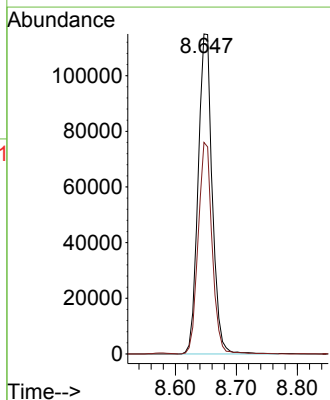
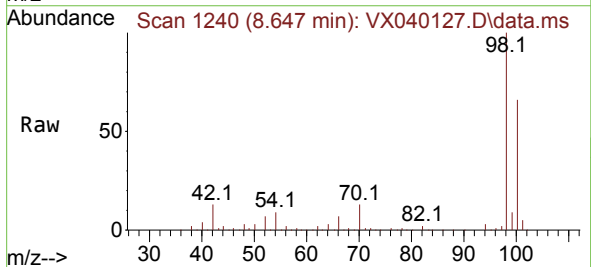
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

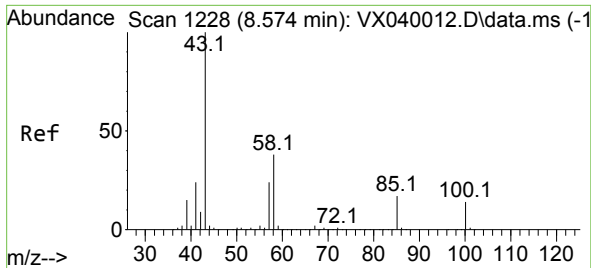
Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.1	59.2	88.8#
39	54.7	47.7	71.5



#50
Toluene-d8
Concen: 48.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

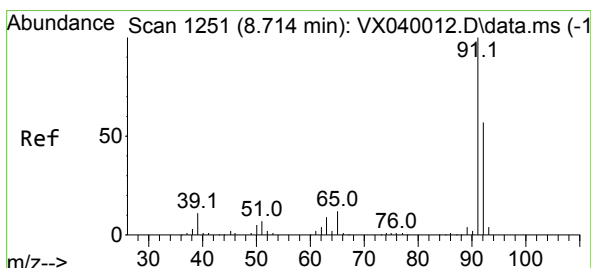
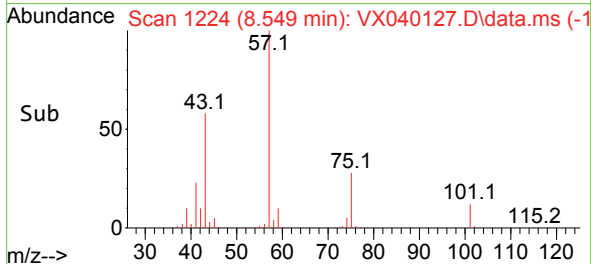
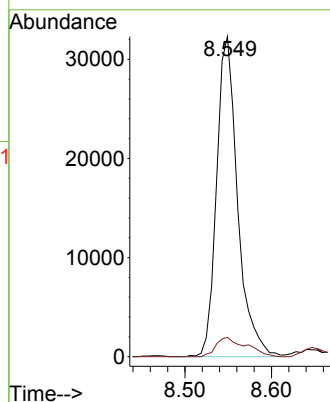
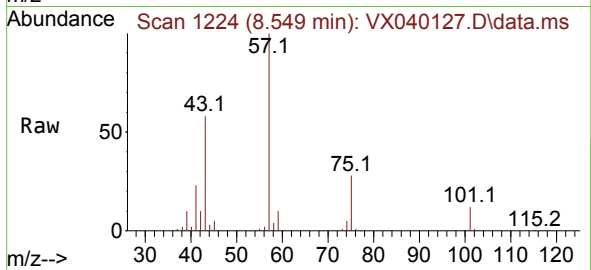




#51
4-Methyl-2-Pentanone
Concen: 31.152 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

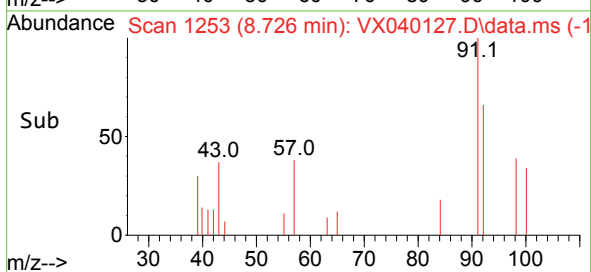
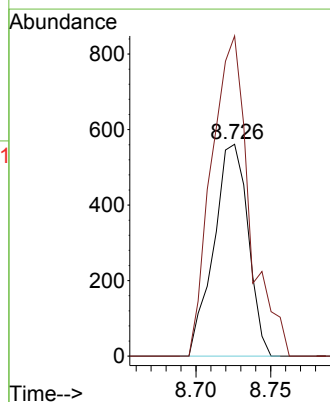
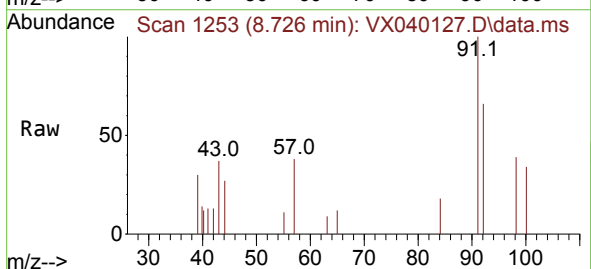
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

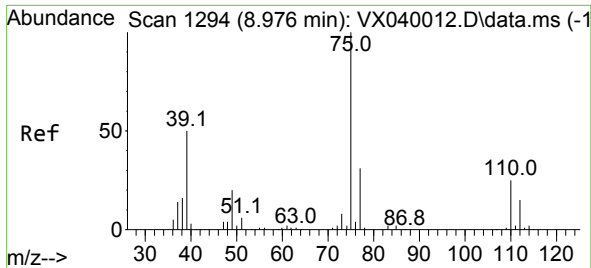
Tgt Ion: 43 Resp: 54386
Ion Ratio Lower Upper
43 100
58 8.7 30.4 45.6#



#52
Toluene
Concen: 0.333 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 92 Resp: 897
Ion Ratio Lower Upper
92 100
91 166.1 134.2 201.2

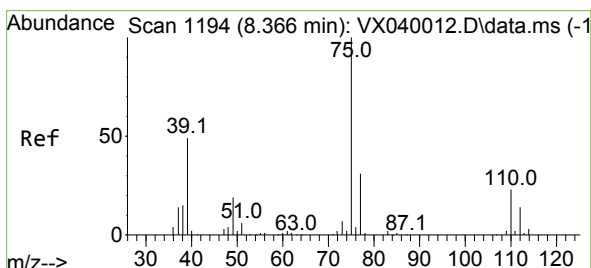
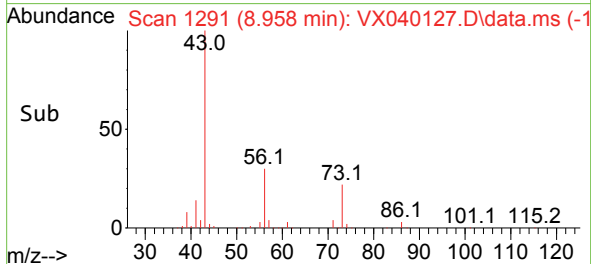
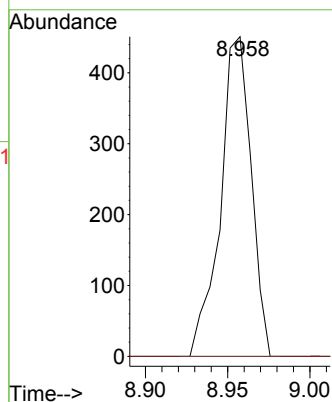
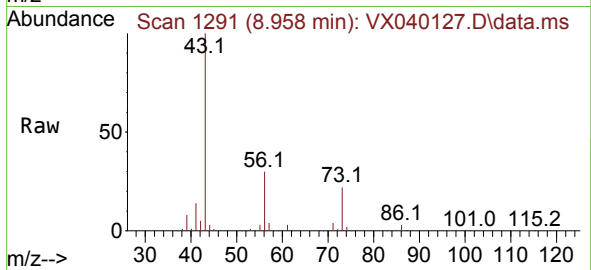




#53
 t-1,3-Dichloropropene
 Concen: 0.371 ug/l
 RT: 8.958 min Scan# 1124
 Delta R.T. -0.018 min
 Lab File: VX040127.D
 Acq: 05 Feb 2024 19:31

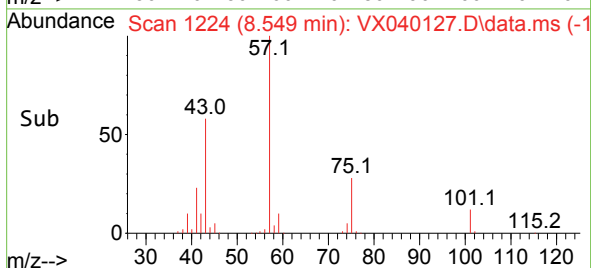
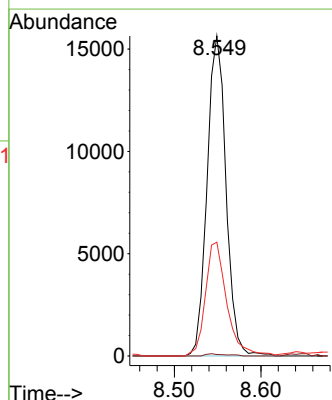
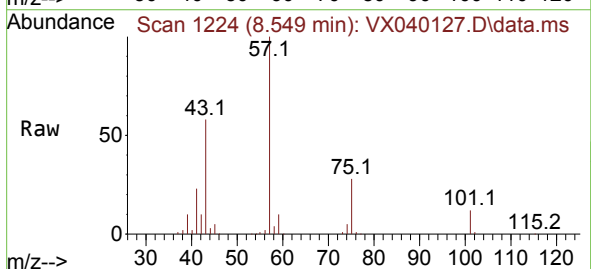
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158807TB

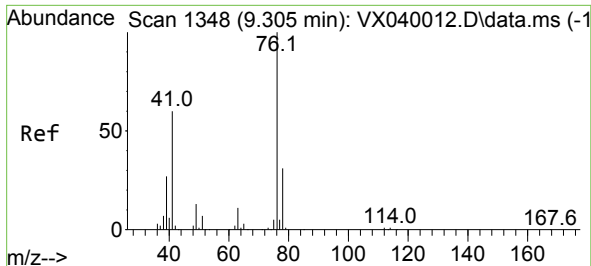
Tgt Ion: 75 Resp: 587
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 14.064 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX040127.D
 Acq: 05 Feb 2024 19:31

Tgt Ion: 75 Resp: 23762
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 35.6 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.915 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX040127.D

Acq: 05 Feb 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

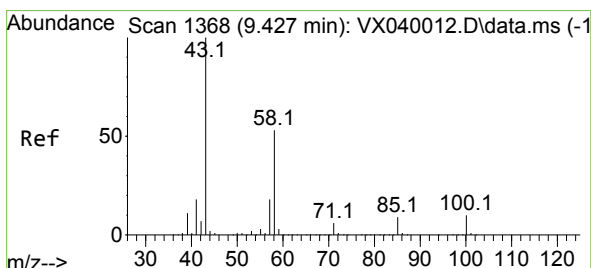
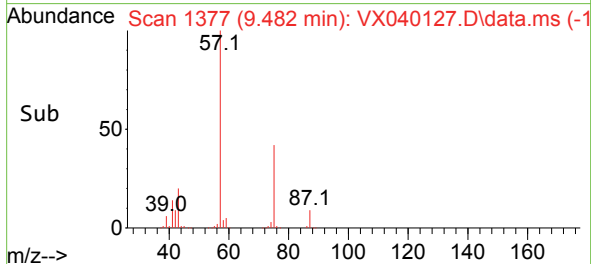
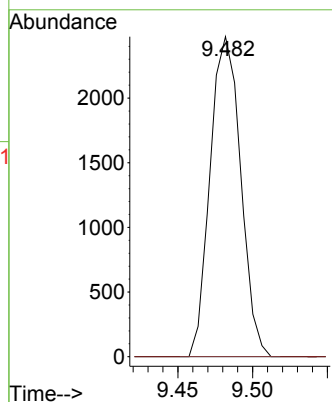
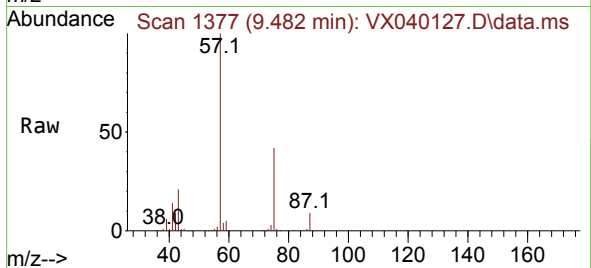
PB158807TB

Tgt Ion: 76 Resp: 3519

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 49.813 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX040127.D

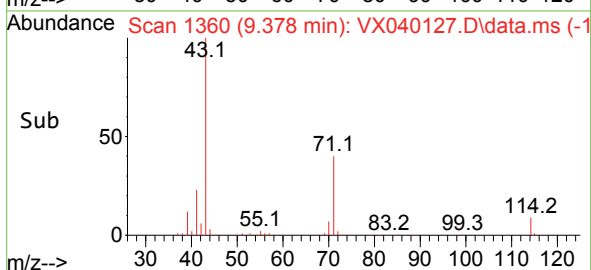
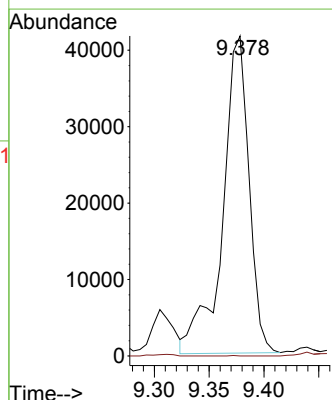
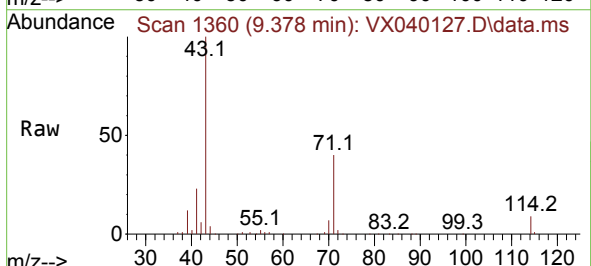
Acq: 05 Feb 2024 19:31

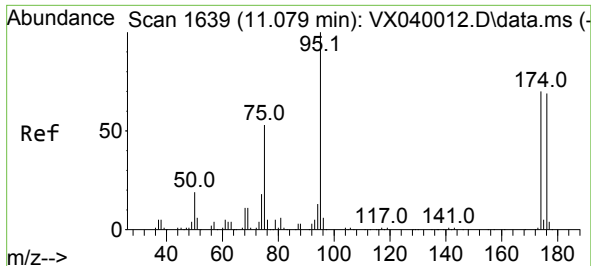
Tgt Ion: 43 Resp: 69339

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

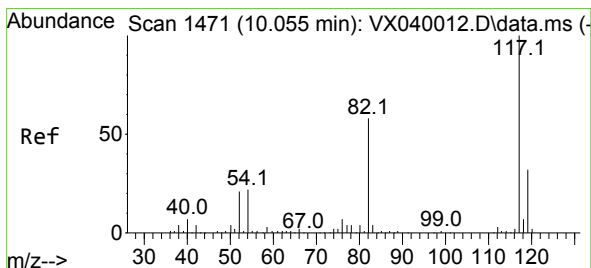
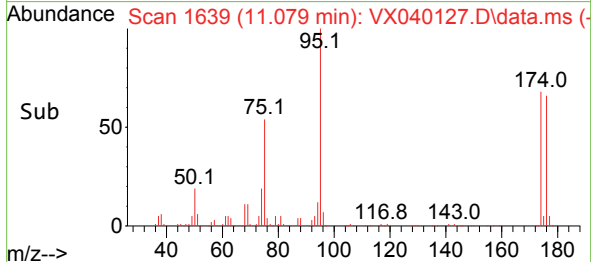
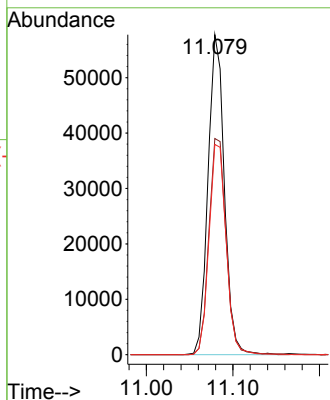
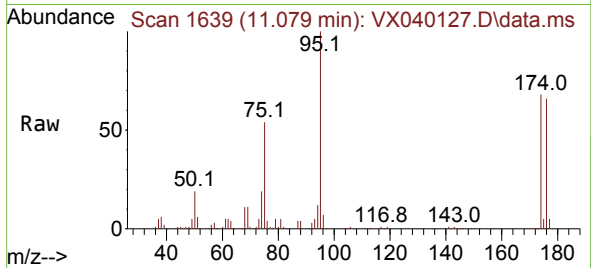




#62
4-Bromofluorobenzene
Concen: 51.242 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

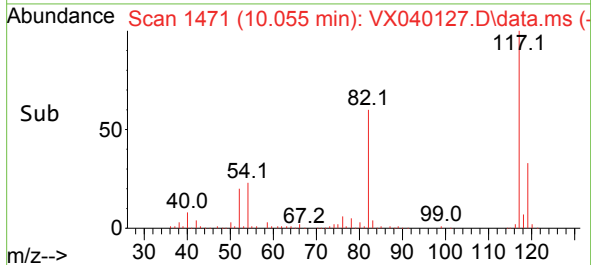
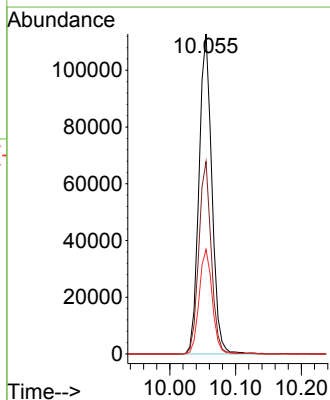
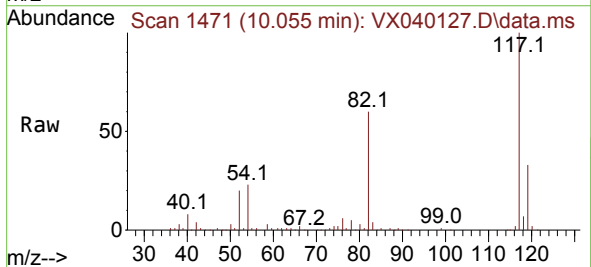
Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

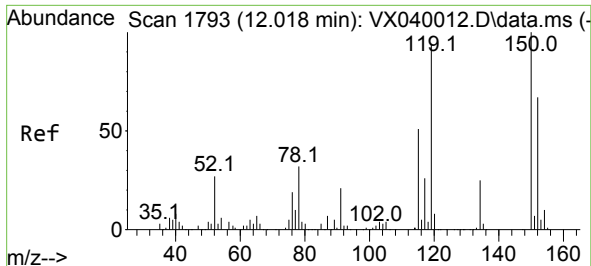
Tgt Ion: 95 Resp: 75765
Ion Ratio Lower Upper
95 100
174 70.9 0.0 135.6
176 68.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 117 Resp: 153518
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.6 25.5 38.3

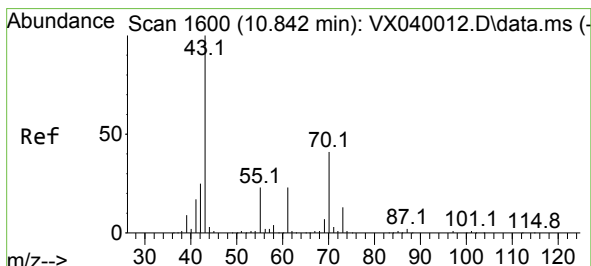
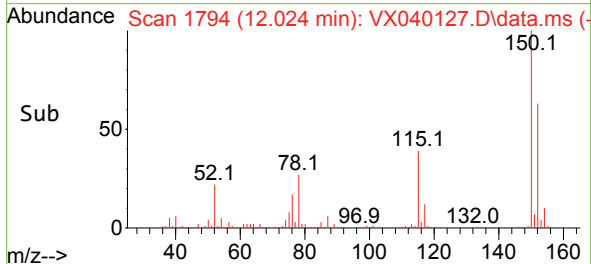
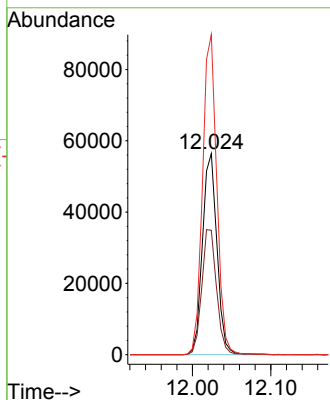
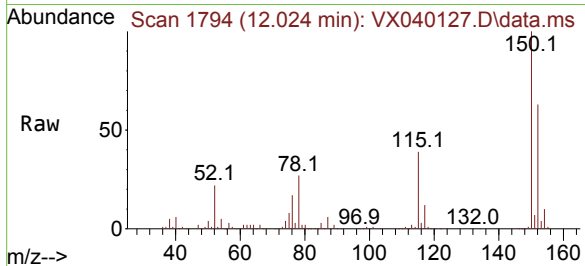




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040127.D
 Acq: 05 Feb 2024 19:31

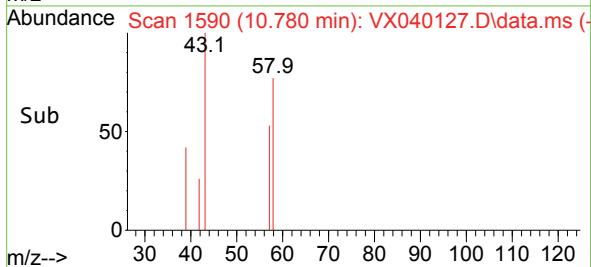
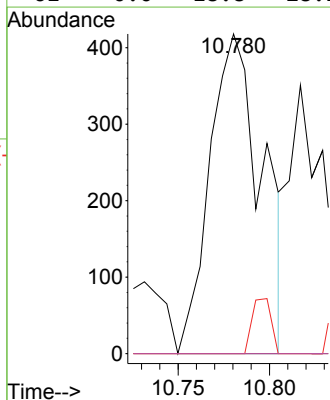
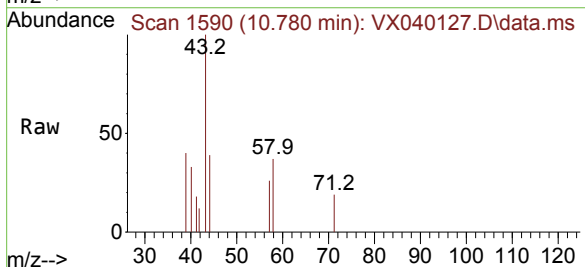
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158807TB

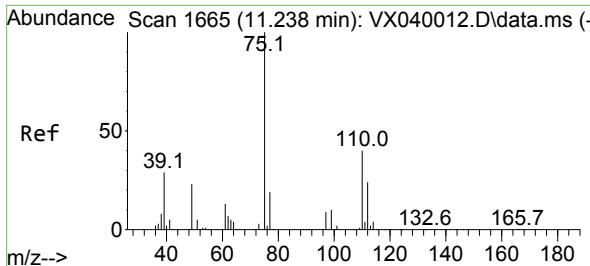
Tgt Ion:152 Resp: 72452
 Ion Ratio Lower Upper
 152 100
 115 63.6 43.3 129.9
 150 156.0 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.552 ug/l
 RT: 10.780 min Scan# 1590
 Delta R.T. -0.062 min
 Lab File: VX040127.D
 Acq: 05 Feb 2024 19:31

Tgt Ion: 43 Resp: 833
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 6.2 19.3 28.9#
 61 0.0 18.8 28.2#

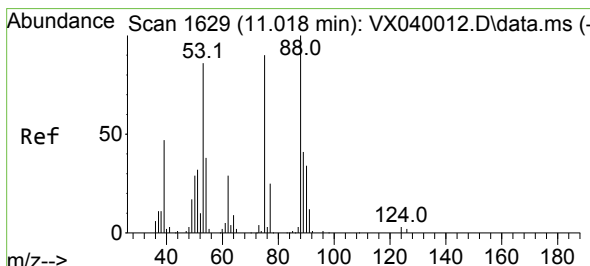
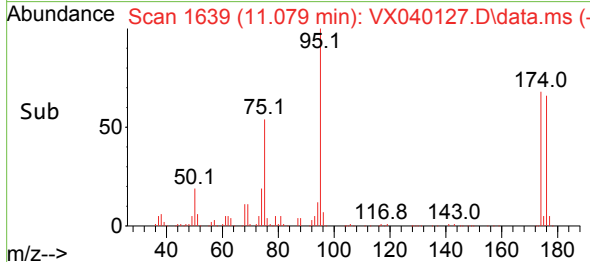
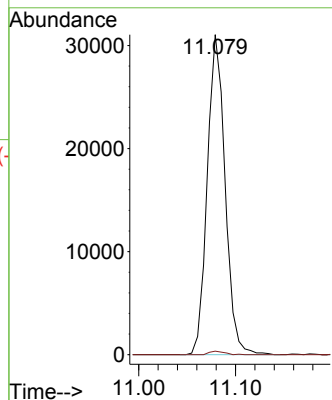
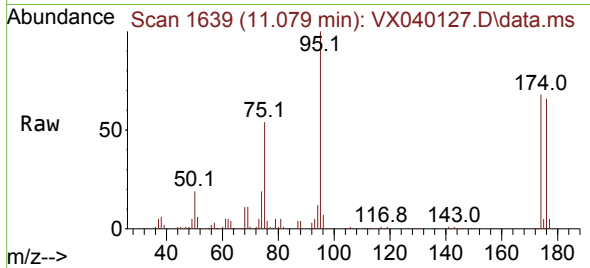




#76
1,2,3-Trichloropropane
Concen: 25.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB158807TB

Tgt Ion: 75 Resp: 39856
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040127.D
Acq: 05 Feb 2024 19:31

Tgt Ion: 75 Resp: 39856
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

