

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040027.D
 Acq On : 30 Jan 2024 18:20
 Operator : JC/MD
 Sample : PB158700ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158700ZHE#02

Quant Time: Jan 31 05:38:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

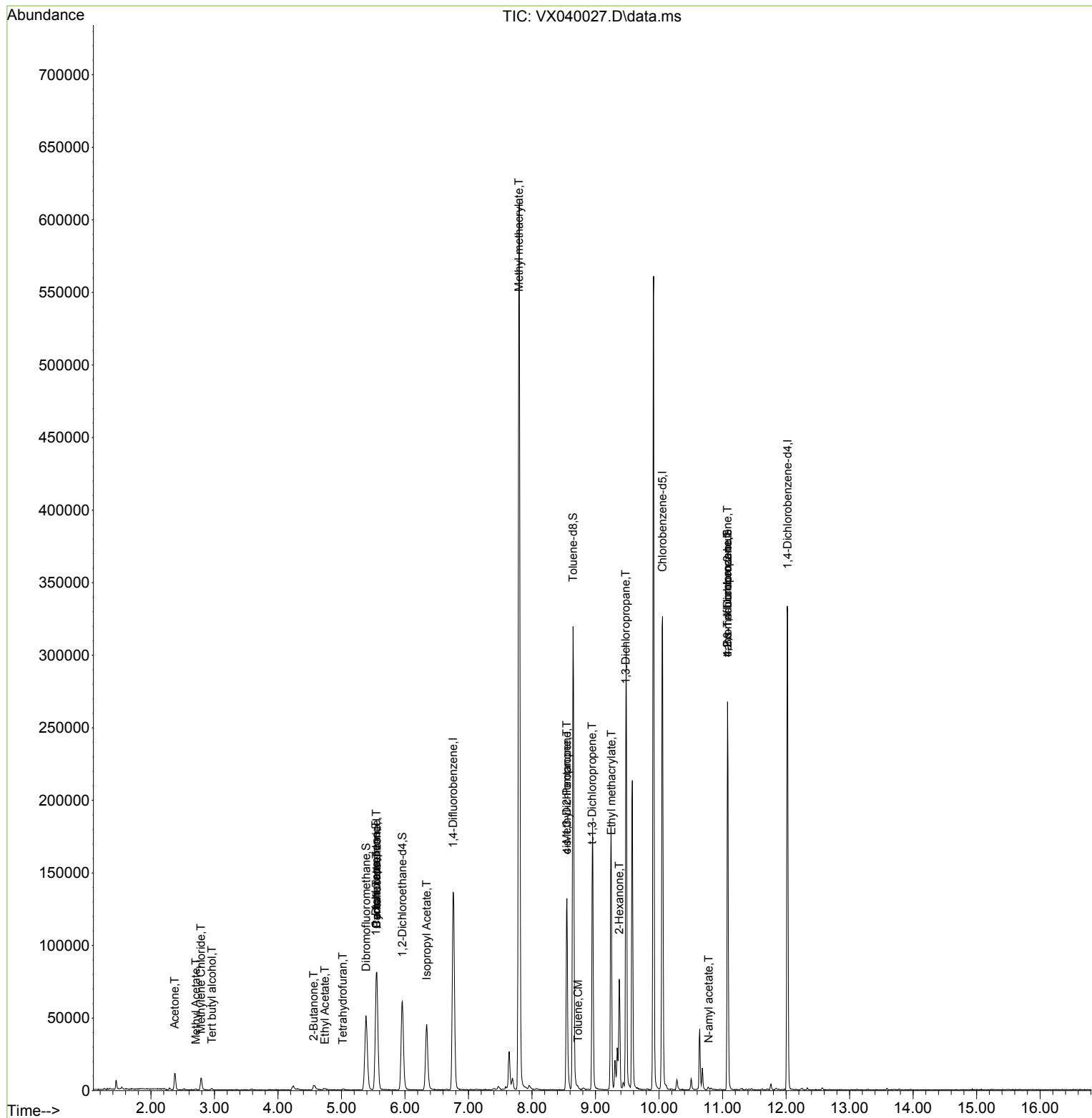
Internal Standards						
1) Pentafluorobenzene	5.556	168	69751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58955	52.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.040%	
35) Dibromofluoromethane	5.385	113	42463	45.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.280%	
50) Toluene-d8	8.647	98	182700	52.515	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	11.079	95	68926	51.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1108	5.440	ug/l #	78
16) Acetone	2.373	43	12597	23.950	ug/l	99
18) Methyl Acetate	2.709	43	675	0.542	ug/l #	72
20) Methylene Chloride	2.788	84	3896	4.168	ug/l #	87
25) 2-Butanone	4.562	43	6670	9.123	ug/l #	82
29) Tetrahydrofuran	5.019	42	187	0.402	ug/l #	61
31) Cyclohexane	5.550	56	2051	1.459	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6911	5.137	ug/l #	50
37) Ethyl Acetate	4.739	43	1761	1.198	ug/l #	76
38) Carbon Tetrachloride	5.550	117	7869	6.113	ug/l #	16
43) Isopropyl Acetate	6.342	43	61875	26.703	ug/l	99
48) Methyl methacrylate	7.793	41	57683	50.535	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	47391	29.961	ug/l #	47
52) Toluene	8.726	92	508	0.208	ug/l	95
53) t-1,3-Dichloropropene	8.945	75	315	0.220	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	19849	12.967	ug/l #	61
56) Ethyl methacrylate	9.250	69	497	0.337	ug/l #	1
57) 1,3-Dichloropropane	9.476	76	2513	1.509	ug/l #	42
59) 2-Hexanone	9.372	43	56058	44.449	ug/l #	26
74) N-amyl acetate	10.780	43	1135	0.730	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	38711	27.708	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38711	80.542	ug/l #	5

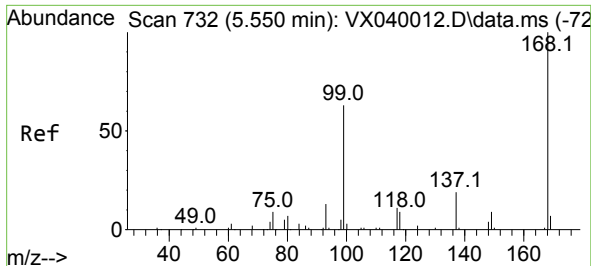
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jan 31 05:38:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration

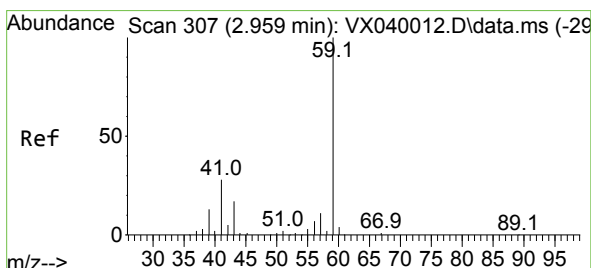
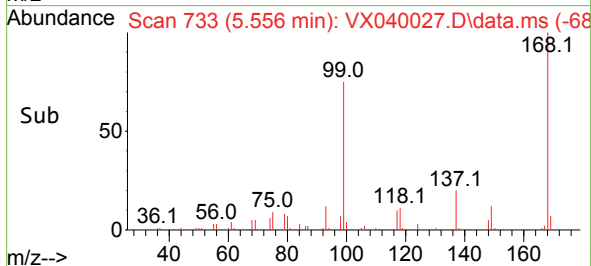
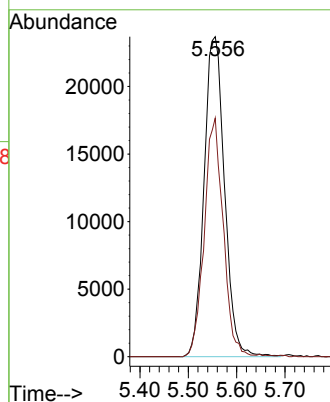
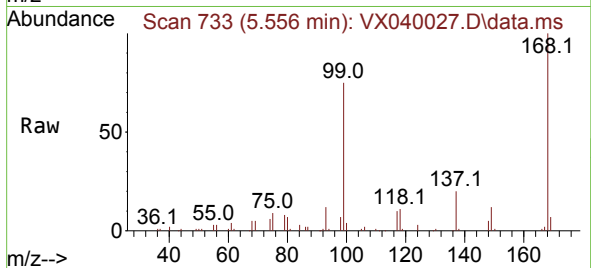




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

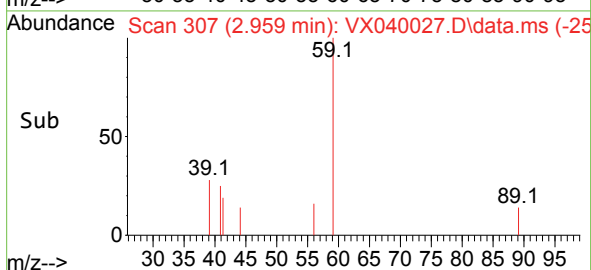
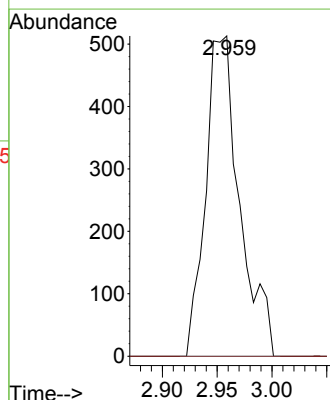
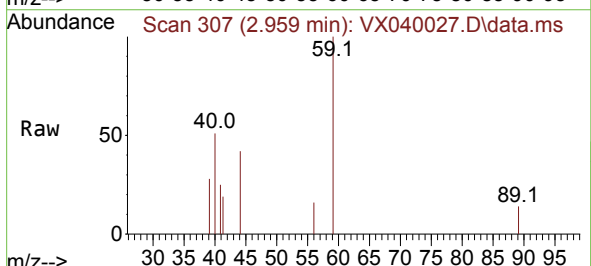
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

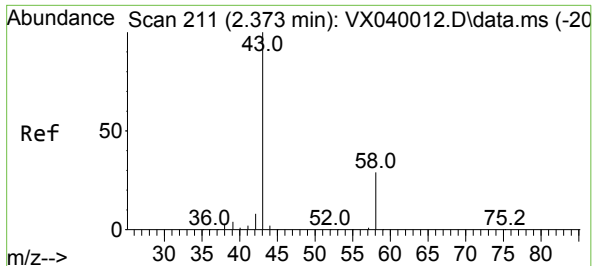
Tgt Ion:168 Resp: 69751
Ion Ratio Lower Upper
168 100
99 74.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 5.440 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 59 Resp: 1108
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

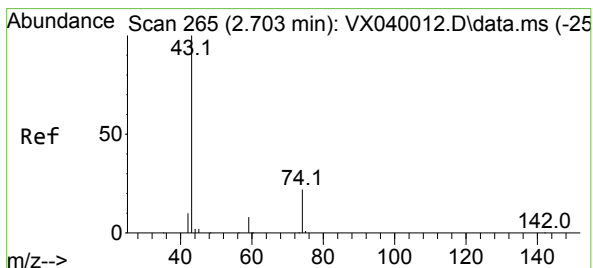
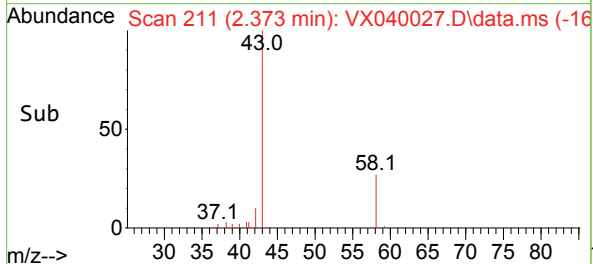
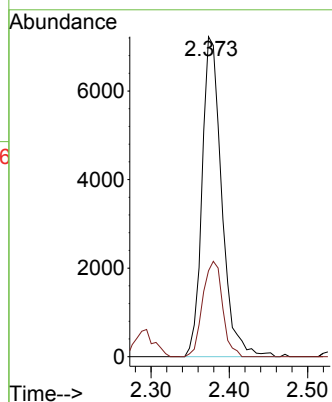
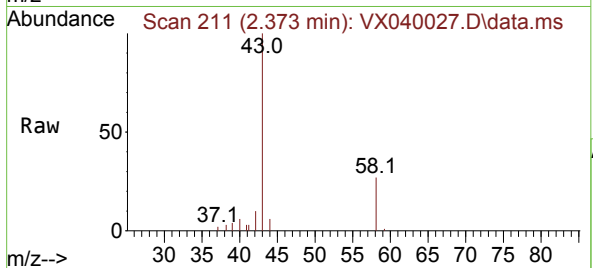




#16
Acetone
Concen: 23.950 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

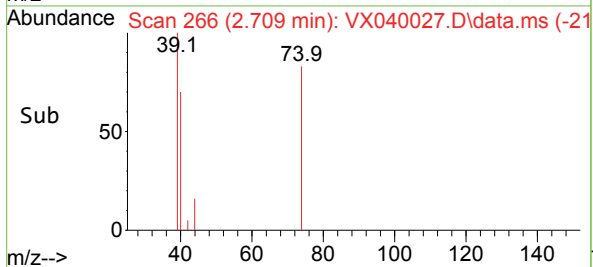
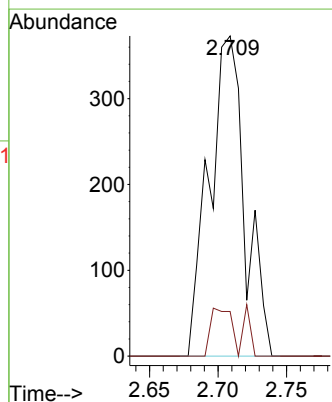
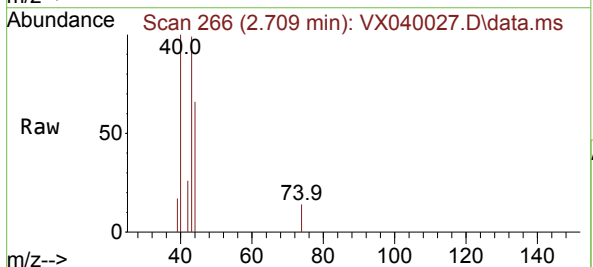
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

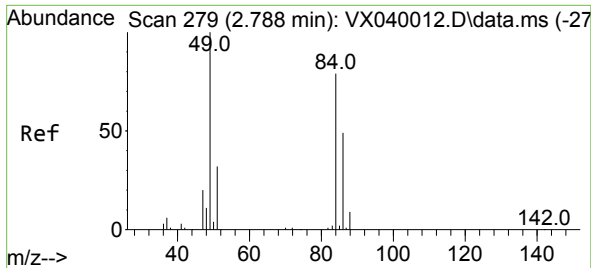
Tgt Ion: 43 Resp: 12597
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.542 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

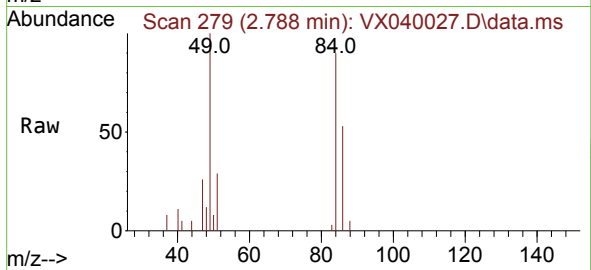
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
74 8.7 17.8 26.8#



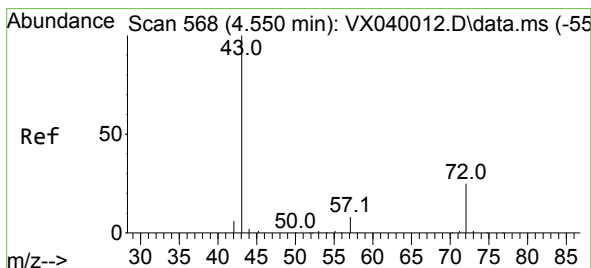
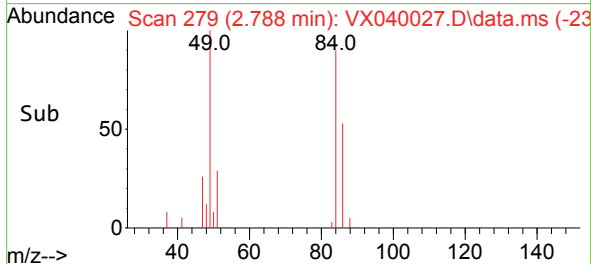
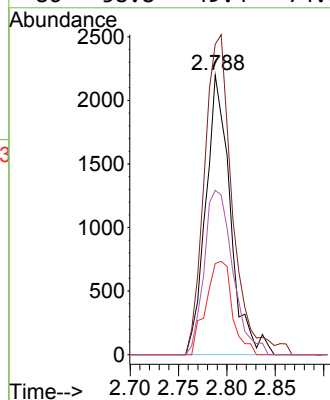


#20
Methylene Chloride
Concen: 4.168 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

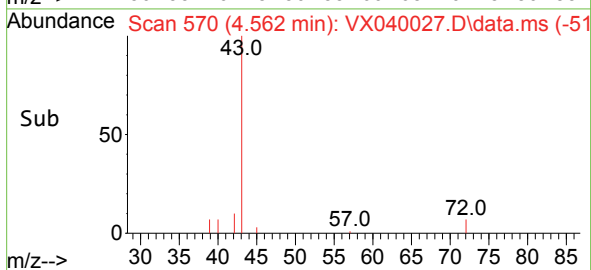
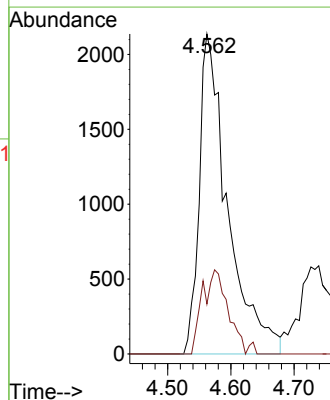
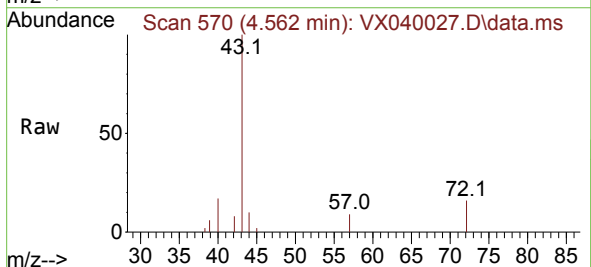


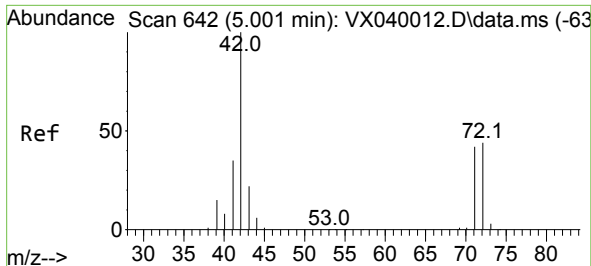
Tgt Ion:	84	Resp:	3896
Ion	Ratio	Lower	Upper
84	100		
49	111.1	103.6	155.4
51	32.6	33.8	50.6#
86	58.8	49.4	74.0



#25
2-Butanone
Concen: 9.123 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion:	43	Resp:	6670
Ion	Ratio	Lower	Upper
43	100		
72	15.6	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.402 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB158700ZHE#02

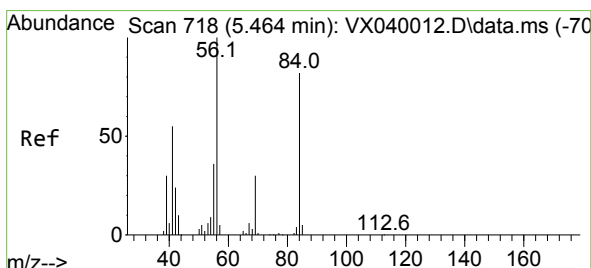
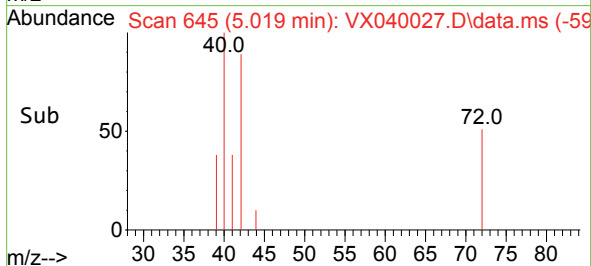
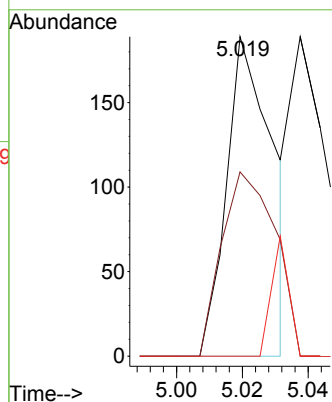
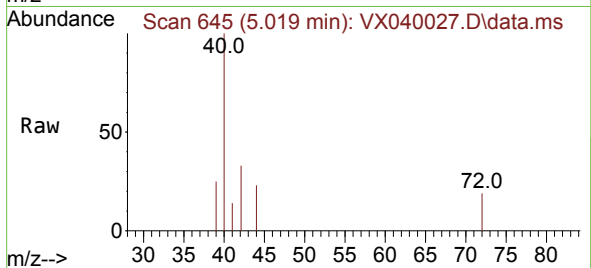
Tgt Ion: 42 Resp: 187

Ion Ratio Lower Upper

42 100

72 65.8 34.2 51.4#

71 13.9 32.2 48.2#



#31

Cyclohexane

Concen: 1.459 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

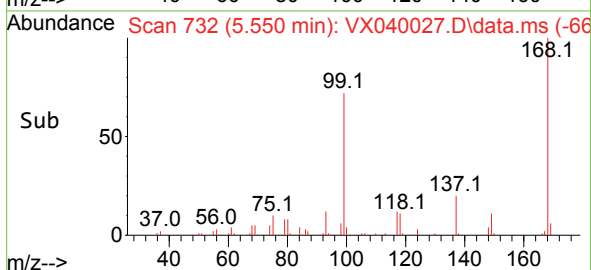
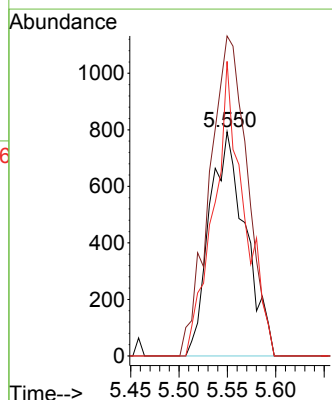
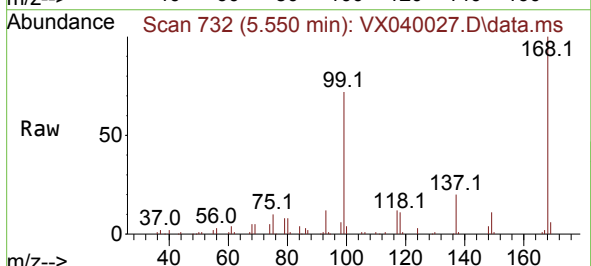
Tgt Ion: 56 Resp: 2051

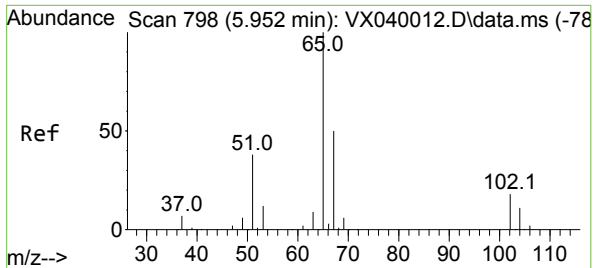
Ion Ratio Lower Upper

56 100

69 142.7 23.4 35.2#

84 140.7 65.9 98.9#

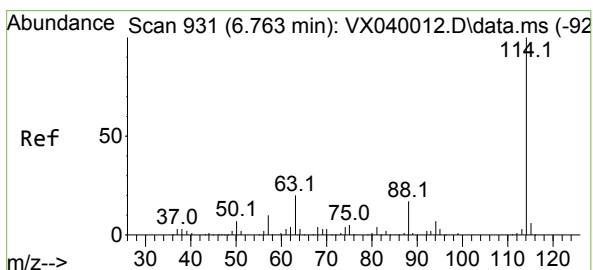
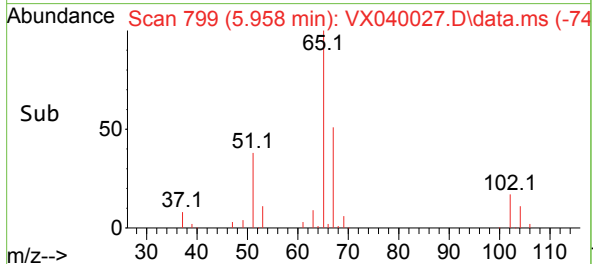
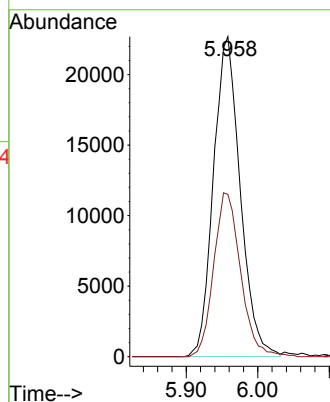
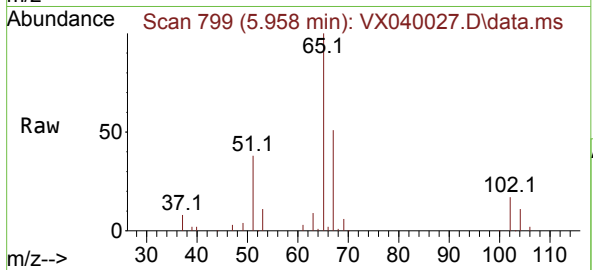




#33
1,2-Dichloroethane-d4
Concen: 52.519 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

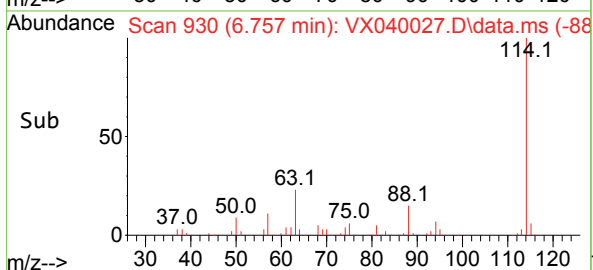
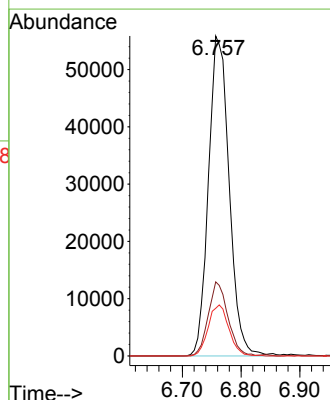
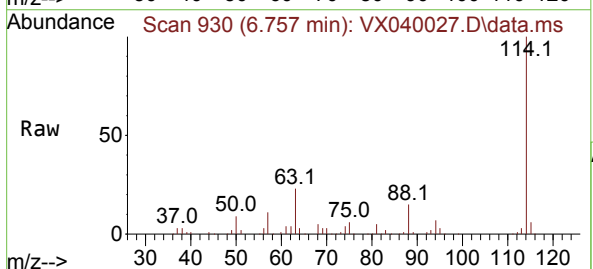
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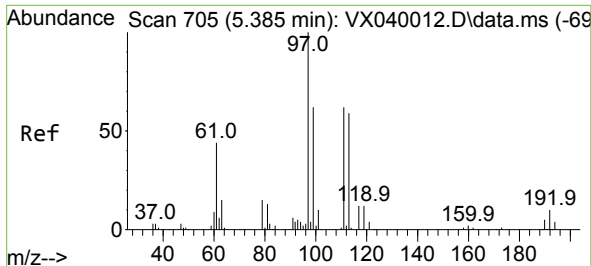
Tgt Ion: 65 Resp: 58955
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 114 Resp: 136660
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 14.9 0.0 36.6

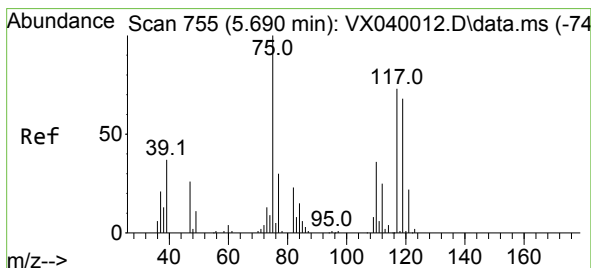
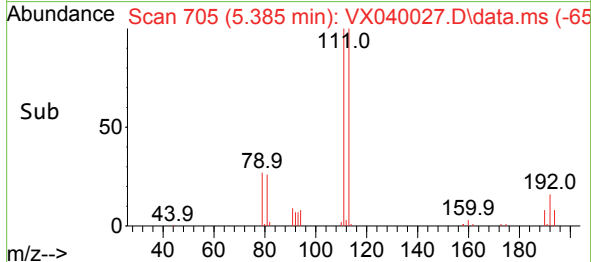
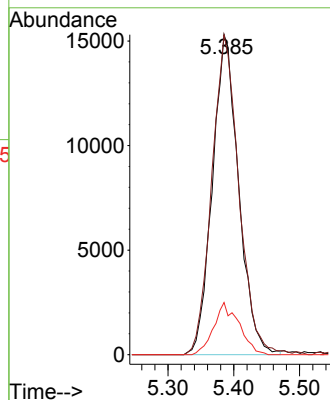
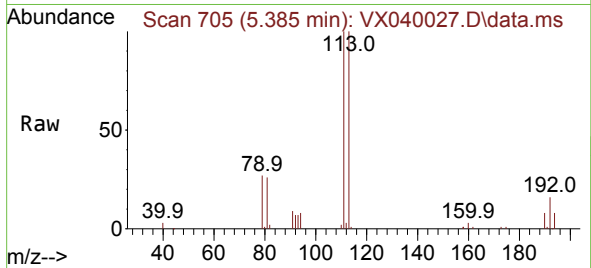




#35
Dibromofluoromethane
Concen: 45.645 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

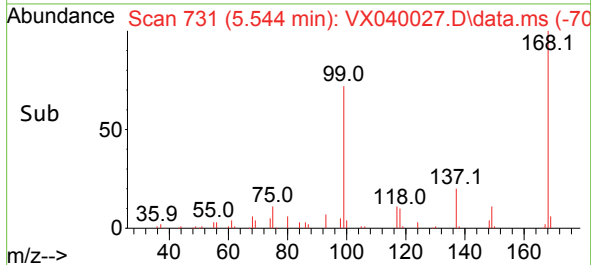
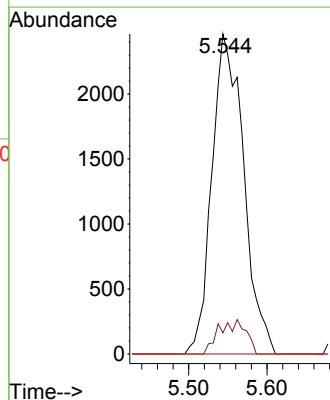
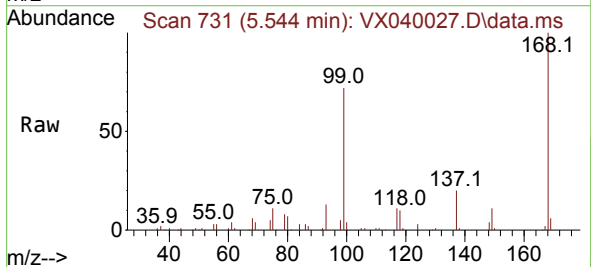
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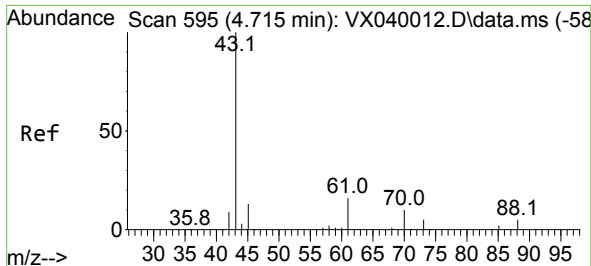
Tgt Ion:113 Resp: 42463
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 75 Resp: 6911
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.198 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB158700ZHE#02

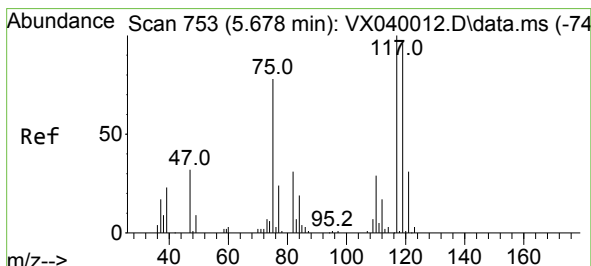
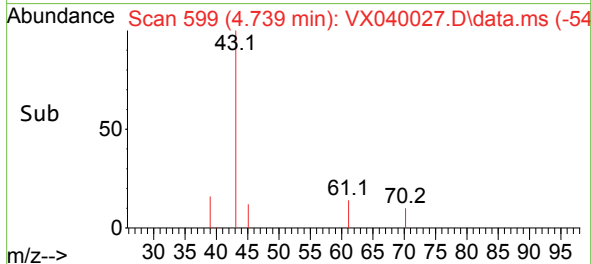
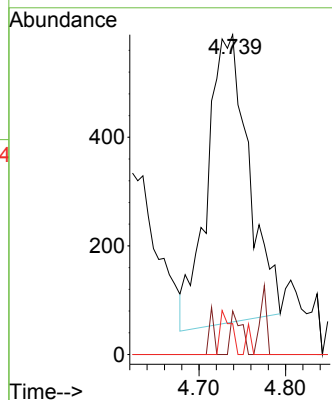
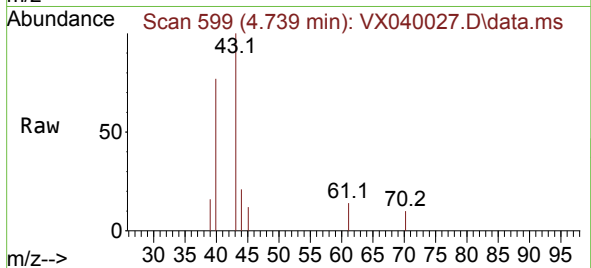
Tgt Ion: 43 Resp: 1761

Ion Ratio Lower Upper

43 100

61 3.9 10.6 16.0#

70 1.1 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.113 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

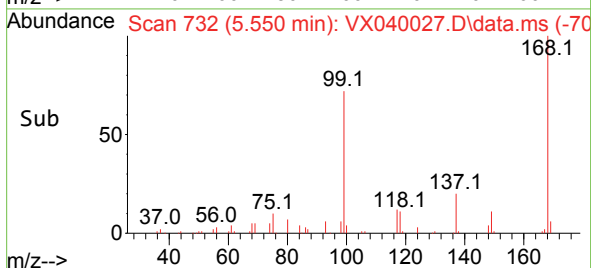
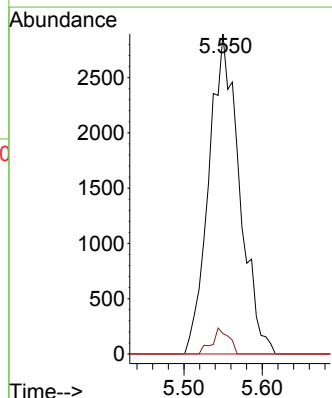
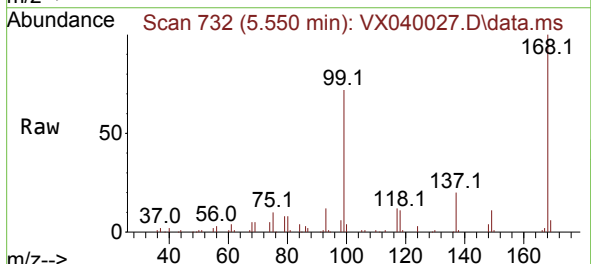
Tgt Ion: 117 Resp: 7869

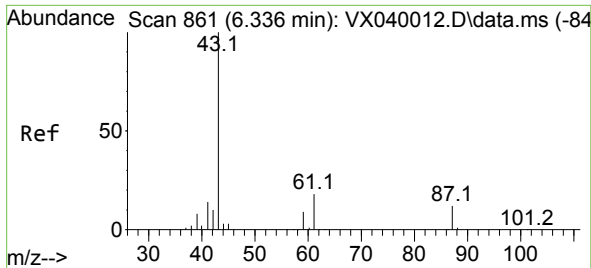
Ion Ratio Lower Upper

117 100

119 6.4 78.2 117.2#

121 0.0 24.4 36.6#

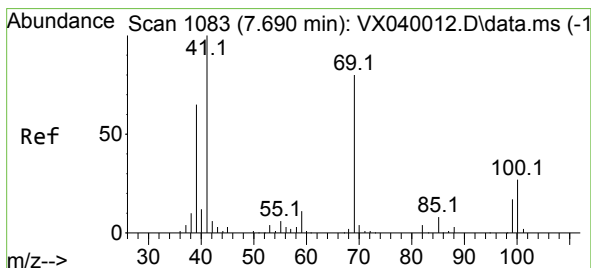
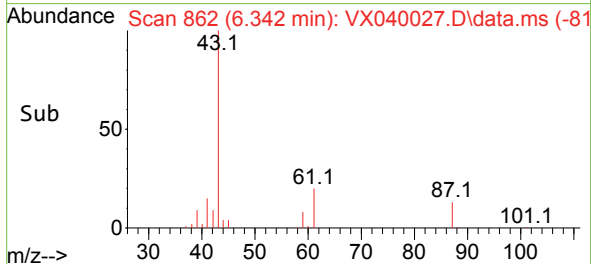
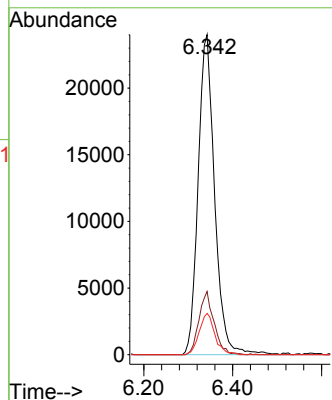
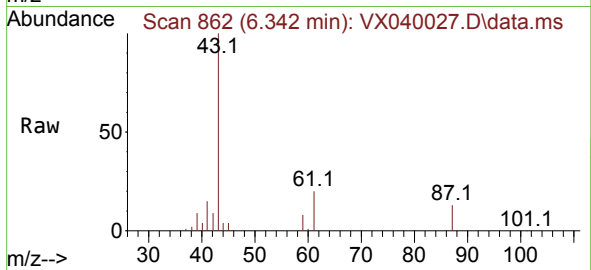




#43
Isopropyl Acetate
Concen: 26.703 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

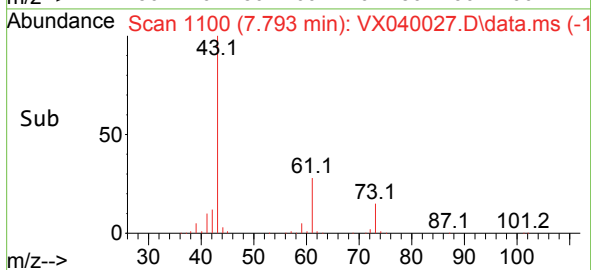
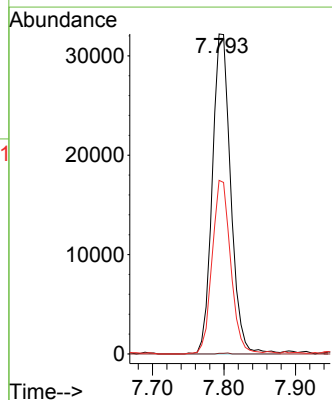
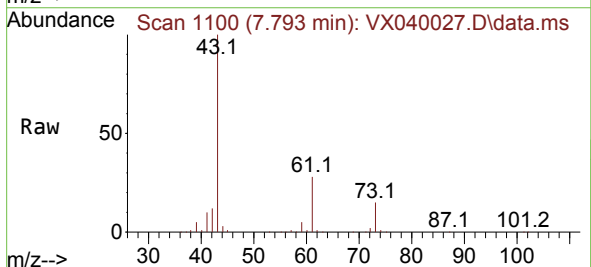
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

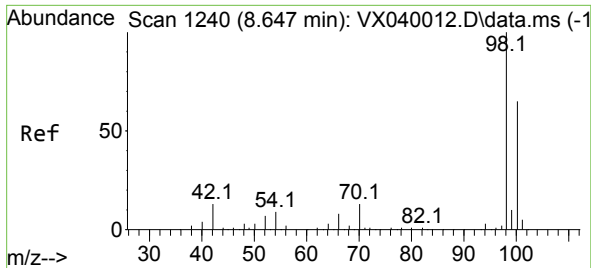
Tgt Ion: 43 Resp: 61875
Ion Ratio Lower Upper
43 100
61 18.0 15.2 22.8
87 12.3 9.8 14.6



#48
Methyl methacrylate
Concen: 50.535 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 41 Resp: 57683
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 54.6 47.7 71.5

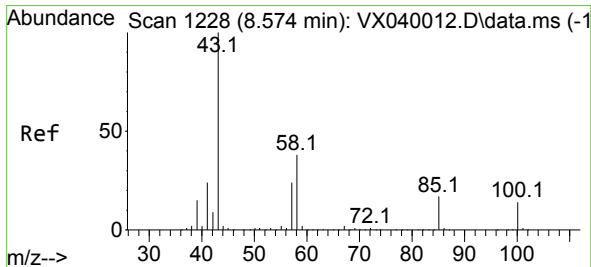
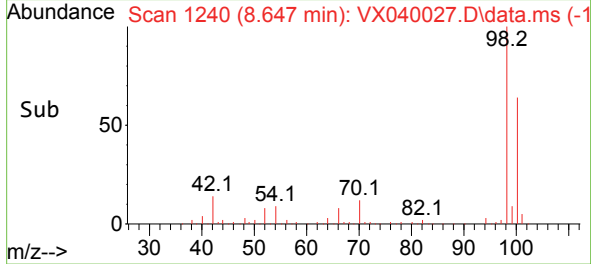
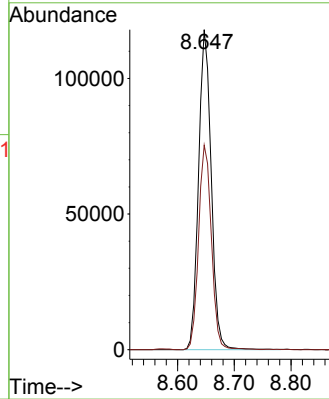
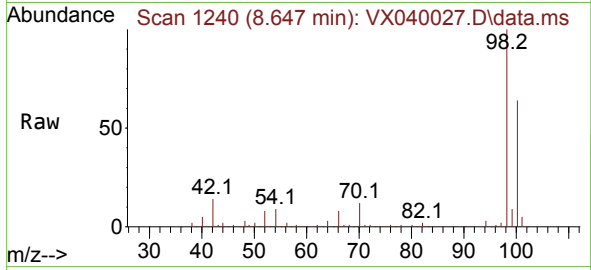




#50
Toluene-d8
Concen: 52.515 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

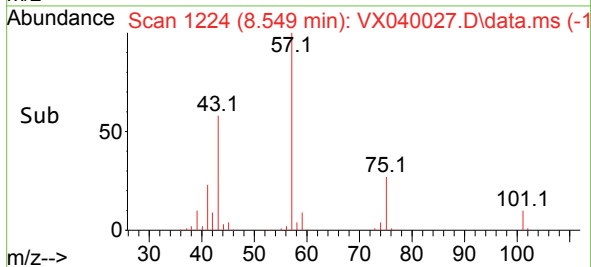
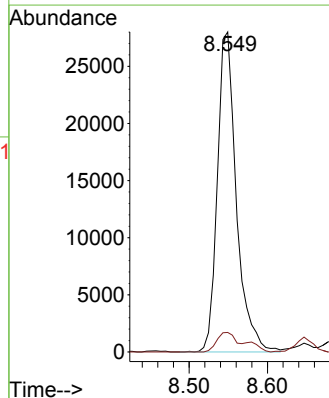
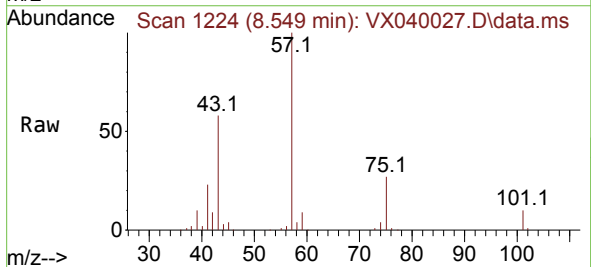
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

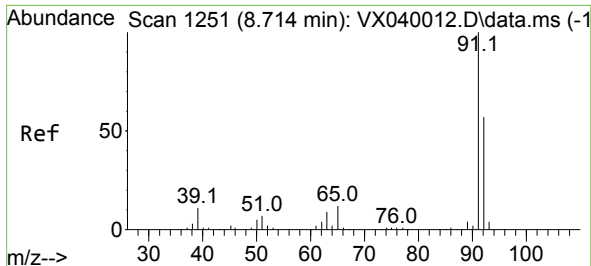
Tgt Ion: 98 Resp: 182700
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 29.961 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 43 Resp: 47391
Ion Ratio Lower Upper
43 100
58 6.3 30.4 45.6#

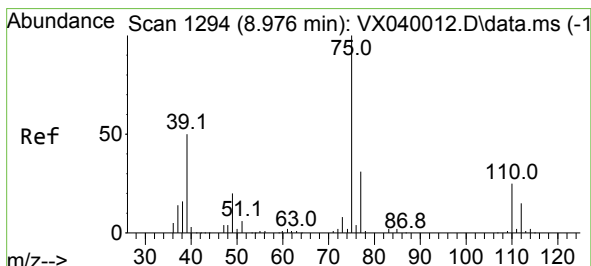
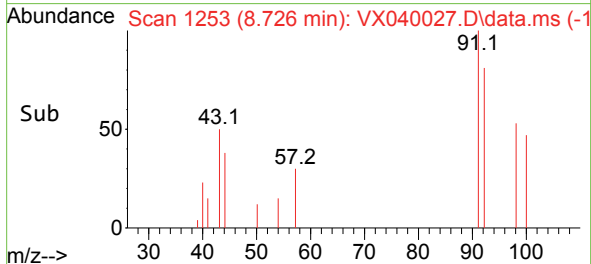
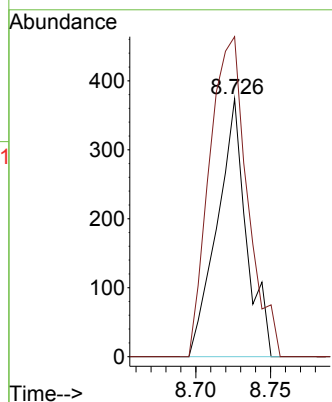
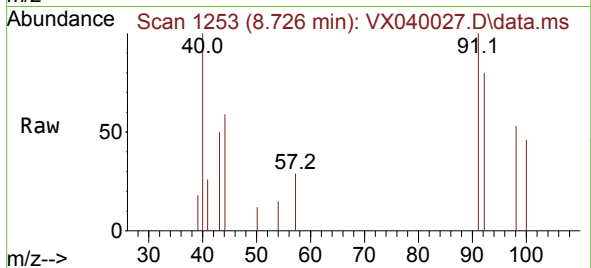




#52
Toluene
Concen: 0.208 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

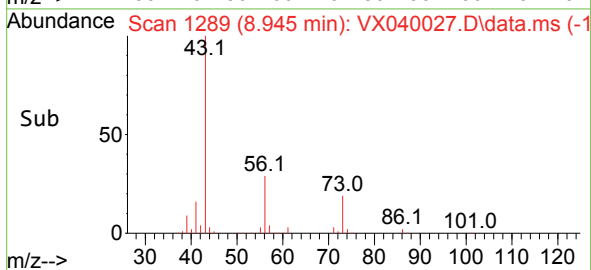
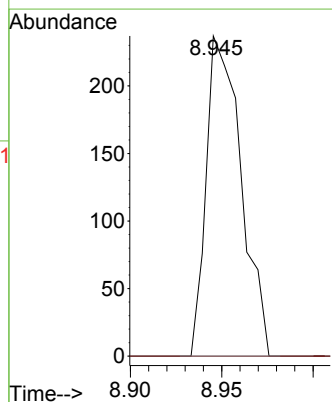
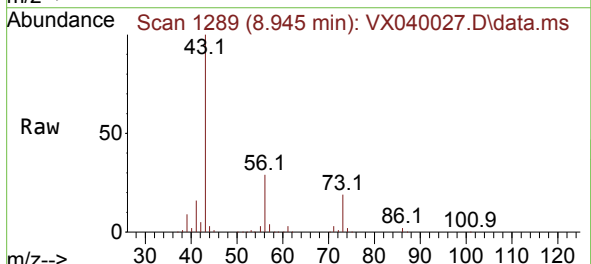
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

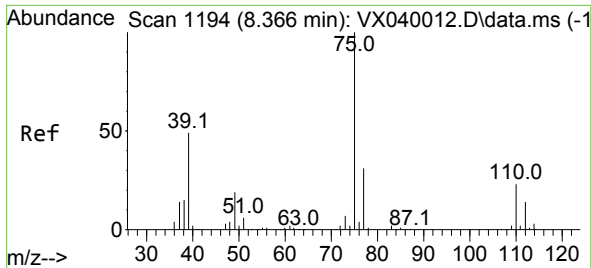
Tgt Ion: 92 Resp: 508
Ion Ratio Lower Upper
92 100
91 160.8 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 75 Resp: 315
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

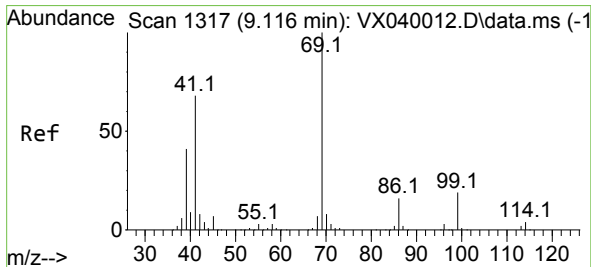
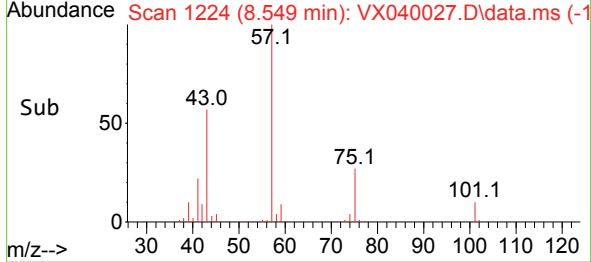
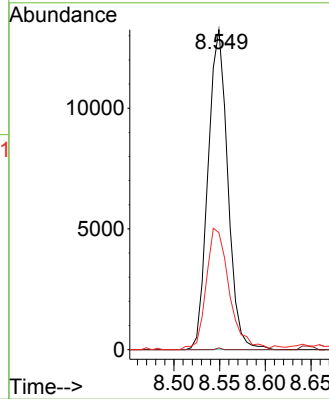
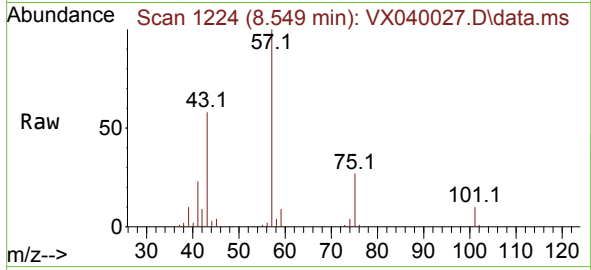




#54
 cis-1,3-Dichloropropene
 Concen: 12.967 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040027.D
 Acq: 30 Jan 2024 18:20

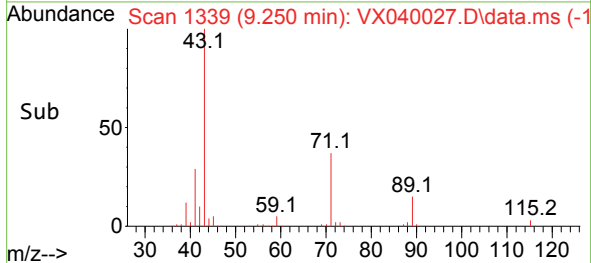
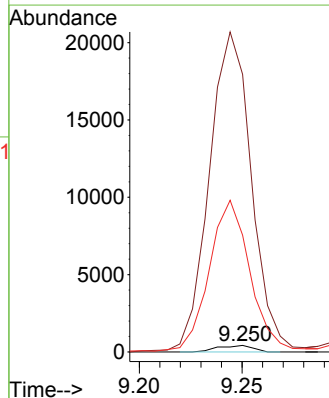
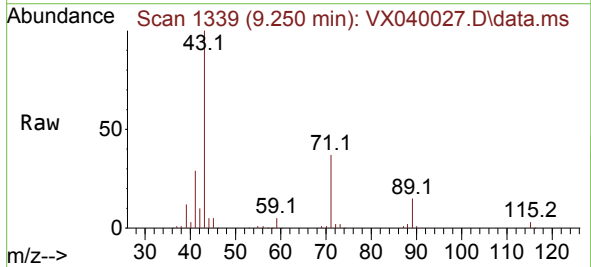
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158700ZHE#02

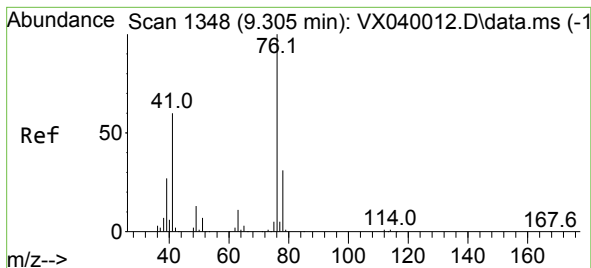
Tgt Ion: 75 Resp: 19849
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.3 37.9#
 39 36.6 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.337 ug/l
 RT: 9.250 min Scan# 1339
 Delta R.T. 0.134 min
 Lab File: VX040027.D
 Acq: 30 Jan 2024 18:20

Tgt Ion: 69 Resp: 497
 Ion Ratio Lower Upper
 69 100
 41 5975.1 56.8 85.2#
 39 2690.3 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.509 ug/l

RT: 9.476 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

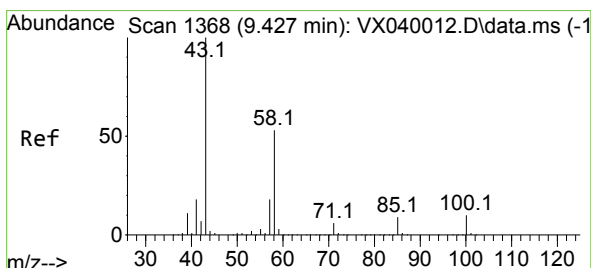
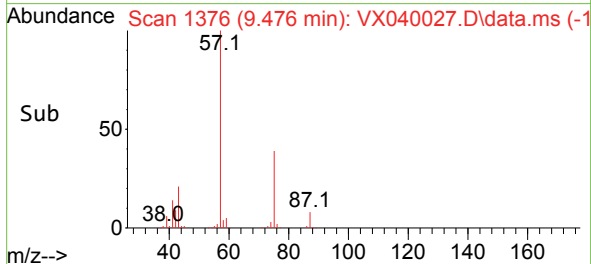
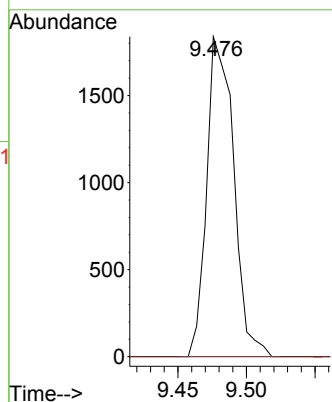
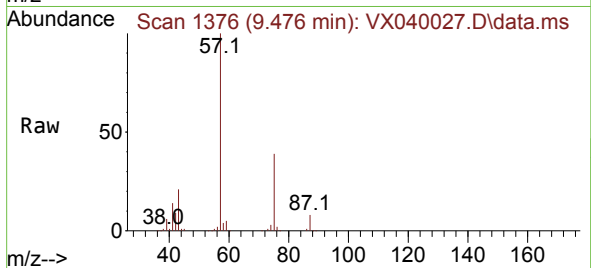
PB158700ZHE#02

Tgt Ion: 76 Resp: 2513

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 44.449 ug/l

RT: 9.372 min Scan# 1359

Delta R.T. -0.055 min

Lab File: VX040027.D

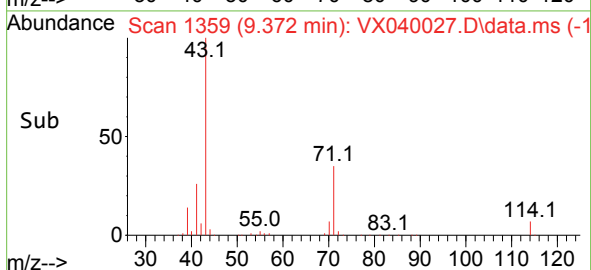
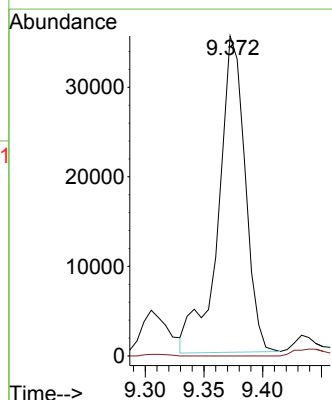
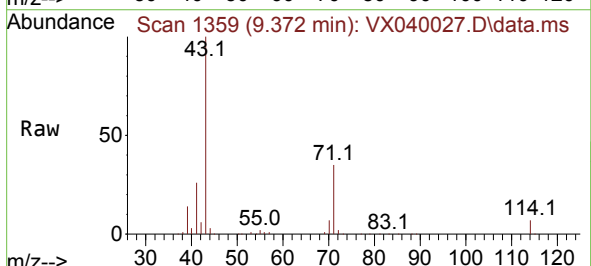
Acq: 30 Jan 2024 18:20

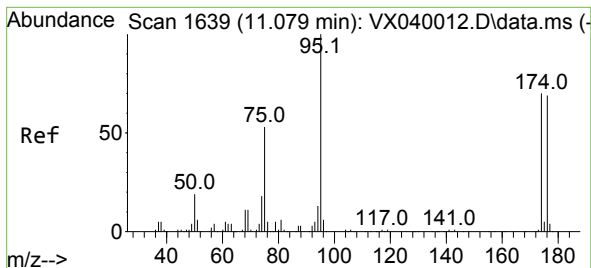
Tgt Ion: 43 Resp: 56058

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

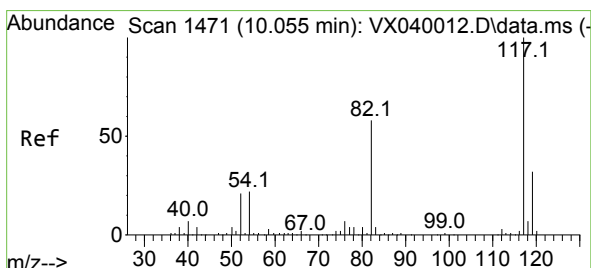
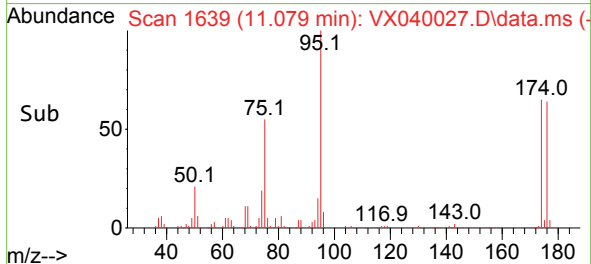
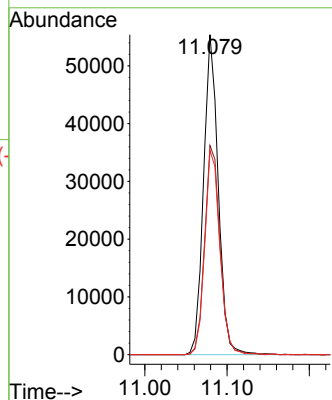
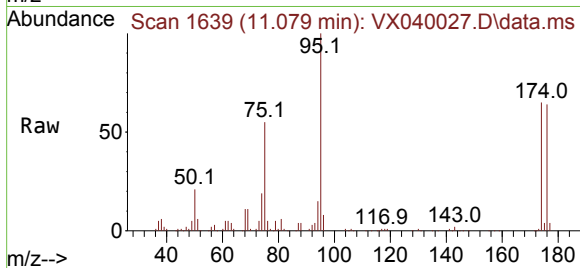




#62
4-Bromofluorobenzene
Concen: 51.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

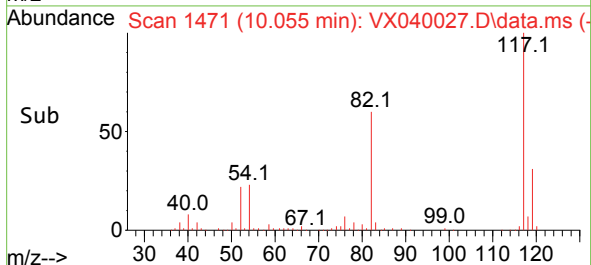
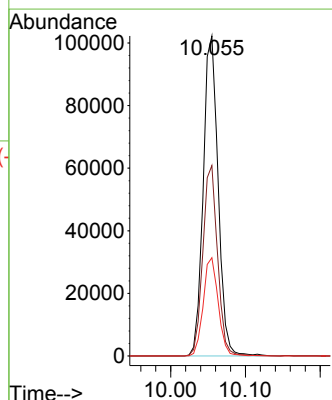
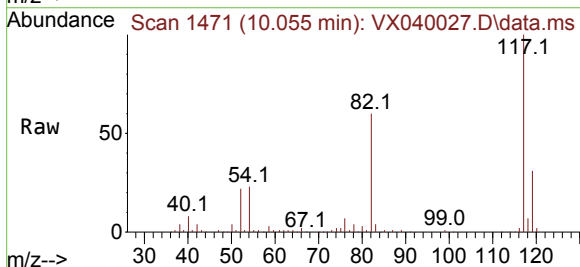
Instrument :
MSVOA_X
ClientSampleId :
PB158700ZHE#02

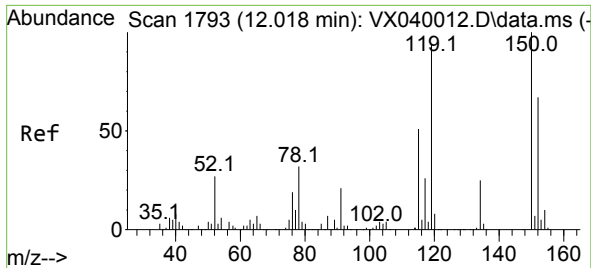
Tgt Ion: 95 Resp: 68926
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 65.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040027.D
Acq: 30 Jan 2024 18:20

Tgt Ion: 117 Resp: 141456
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 30.7 25.5 38.3

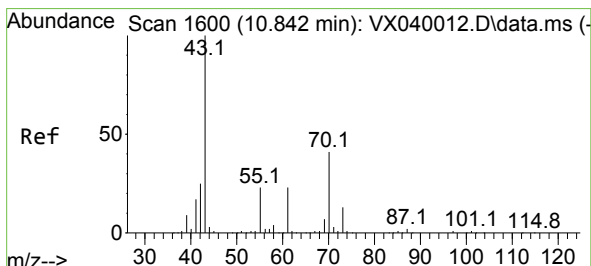
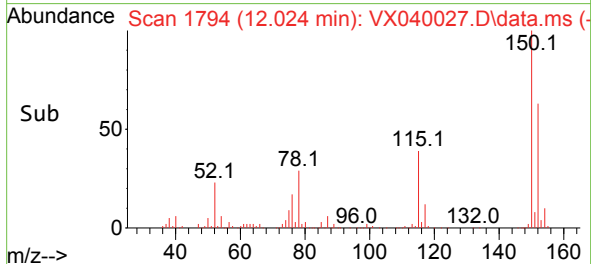
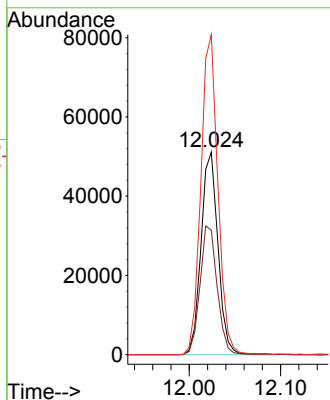
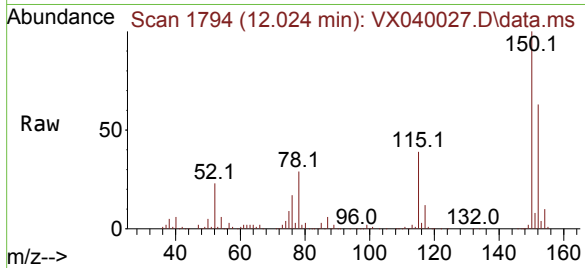




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX040027.D
 Acq: 30 Jan 2024 18:20

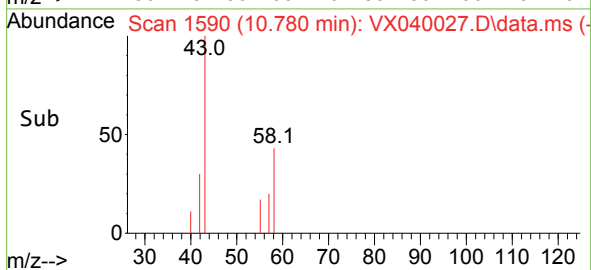
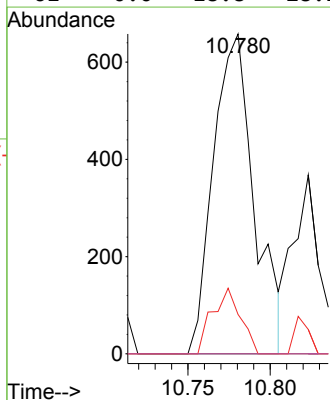
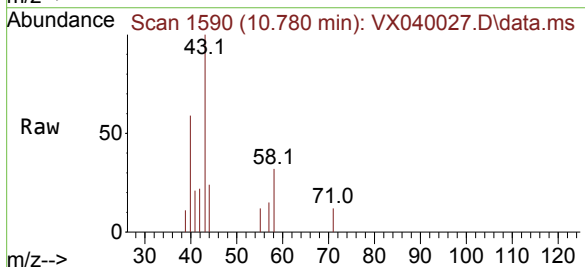
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158700ZHE#02

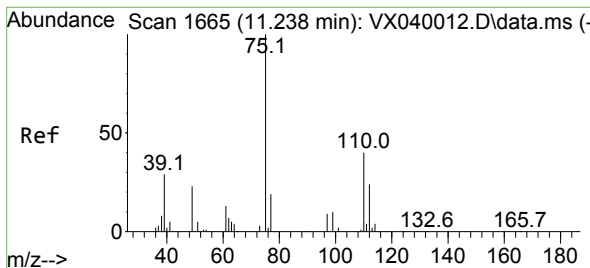
Tgt Ion:152 Resp: 65606
 Ion Ratio Lower Upper
 152 100
 115 64.5 43.3 129.9
 150 159.1 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.730 ug/l
 RT: 10.780 min Scan# 1590
 Delta R.T. -0.062 min
 Lab File: VX040027.D
 Acq: 30 Jan 2024 18:20

Tgt Ion: 43 Resp: 1135
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 14.2 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 27.708 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

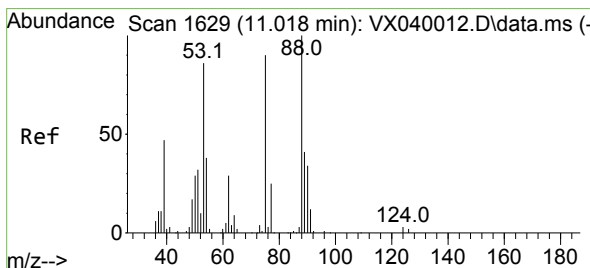
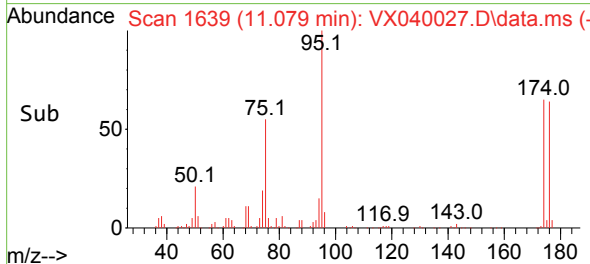
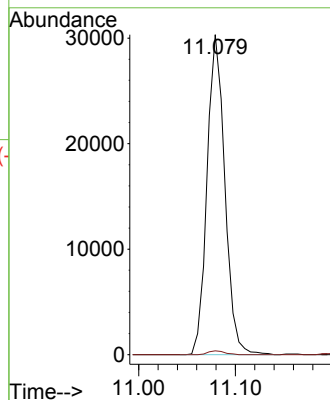
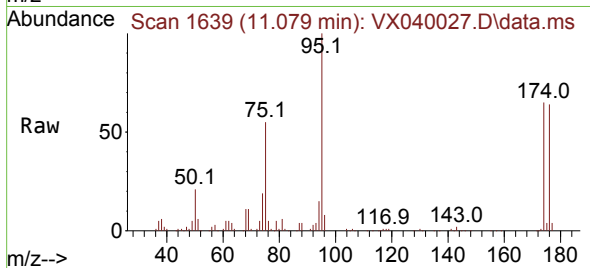
PB158700ZHE#02

Tgt Ion: 75 Resp: 38711

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.542 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040027.D

Acq: 30 Jan 2024 18:20

Tgt Ion: 75 Resp: 38711

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

