

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039862.D
 Acq On : 20 Jan 2024 00:39
 Operator : JC/MD
 Sample : PB158526ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158526ZHE#05

Quant Time: Jan 20 03:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

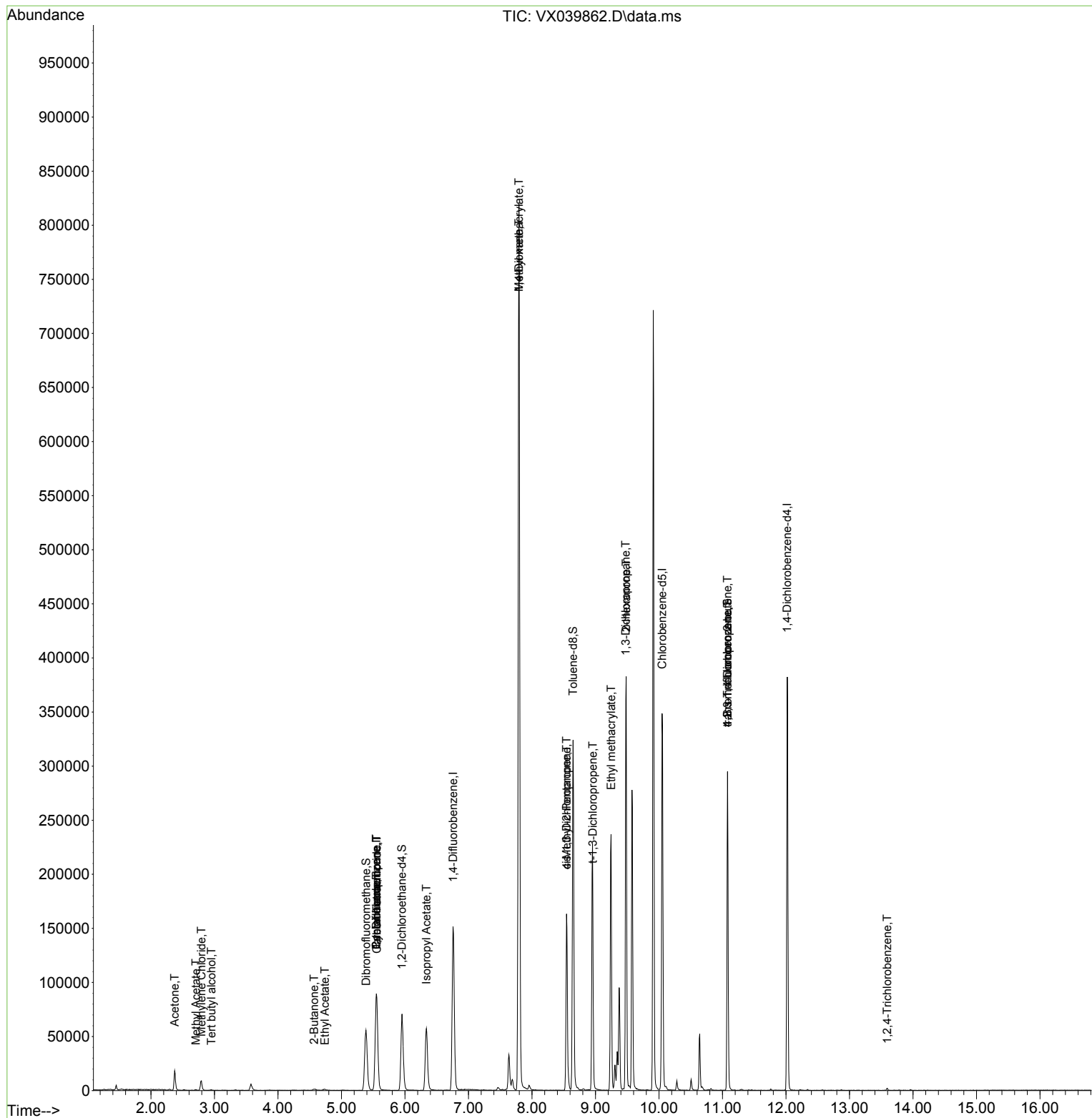
Internal Standards						
1) Pentafluorobenzene	5.550	168	79396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65608	49.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.660%
35) Dibromofluoromethane	5.385	113	48508	48.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	8.647	98	184911	49.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	75608	51.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	376	1.086	ug/l #	78
16) Acetone	2.374	43	18634	24.912	ug/l	95
18) Methyl Acetate	2.709	43	957	0.612	ug/l #	76
20) Methylene Chloride	2.794	84	4080	3.606	ug/l	98
25) 2-Butanone	4.568	43	1304	1.213	ug/l #	86
31) Cyclohexane	5.550	56	2274	1.296	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	6823	4.391	ug/l #	51
37) Ethyl Acetate	4.739	43	2424	1.169	ug/l #	85
38) Carbon Tetrachloride	5.556	117	8863	6.228	ug/l #	15
43) Isopropyl Acetate	6.336	43	79994	26.306	ug/l	99
48) Methyl methacrylate	7.793	41	72289	48.363	ug/l #	50
49) 1,4-Dioxane	7.793	88	57	1.971	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	59758	28.533	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	447	0.279	ug/l #	43
54) cis-1,3-Dichloropropene	8.543	75	23988	13.616	ug/l #	65
56) Ethyl methacrylate	9.244	69	614	0.339	ug/l #	1
57) 1,3-Dichloropropane	9.476	76	3122	1.646	ug/l #	42
59) 2-Hexanone	9.482	43	47670	28.760	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	41762	21.877	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41762	63.528	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	566	0.374	ug/l	95

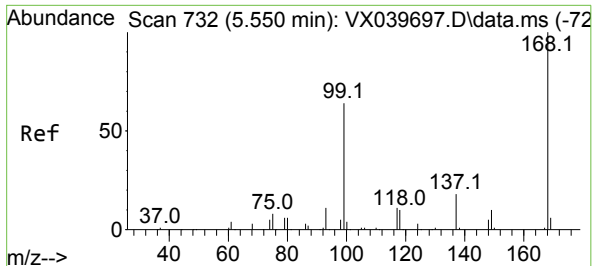
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 03:55:50 2024
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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX039862.D

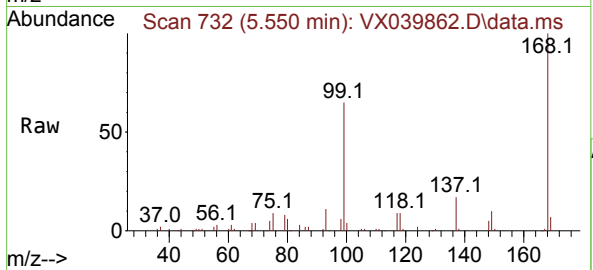
Acq: 20 Jan 2024 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#05

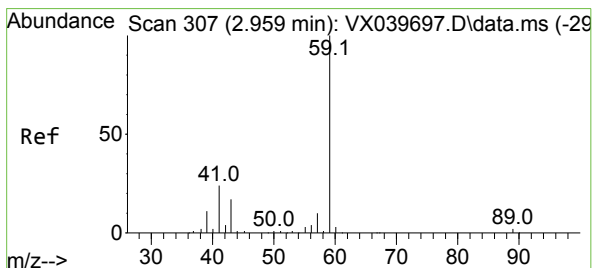
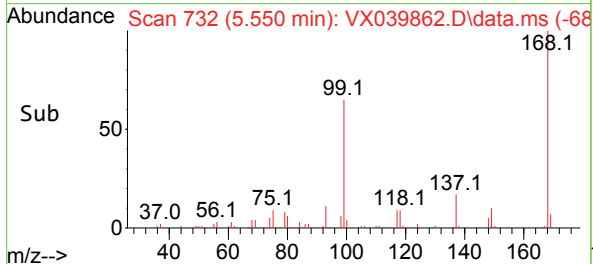
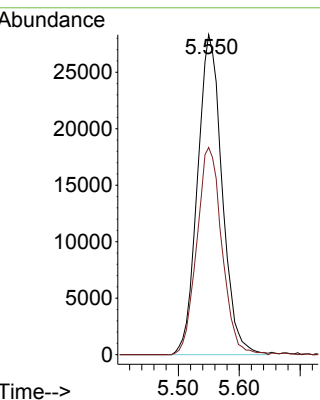


Tgt Ion:168 Resp: 79396

Ion Ratio Lower Upper

168 100

99 64.8 56.6 85.0



#11

Tert butyl alcohol

Concen: 1.086 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039862.D

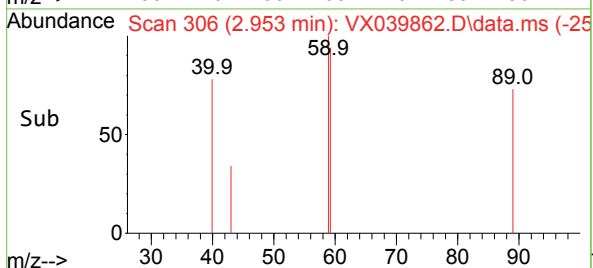
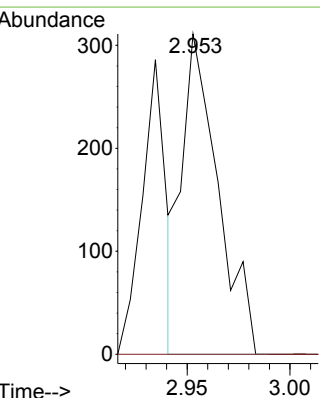
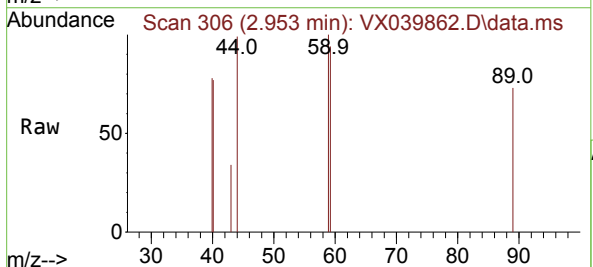
Acq: 20 Jan 2024 00:39

Tgt Ion: 59 Resp: 376

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

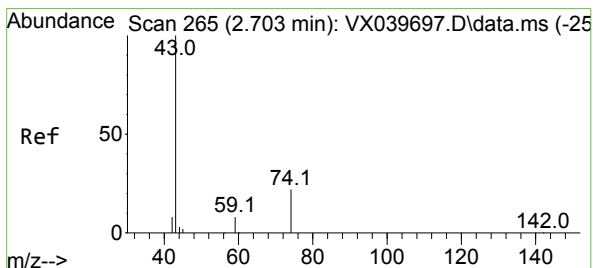
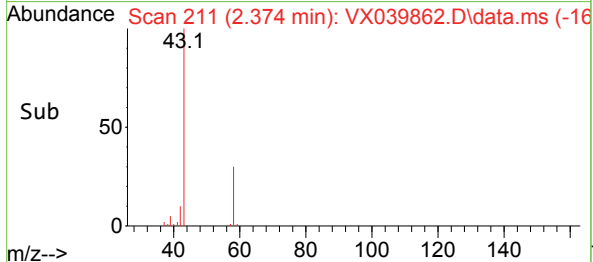
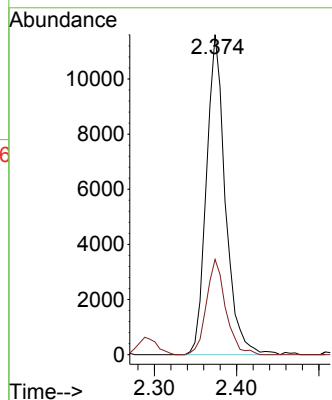
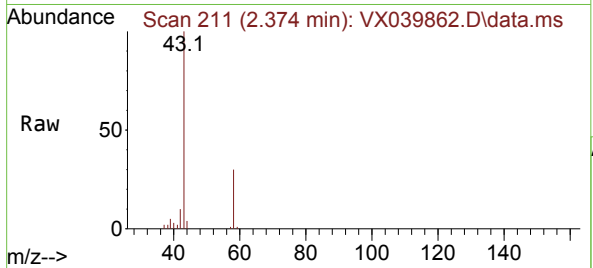




#16
Acetone
Concen: 24.912 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

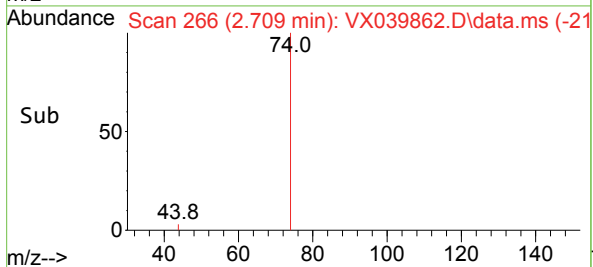
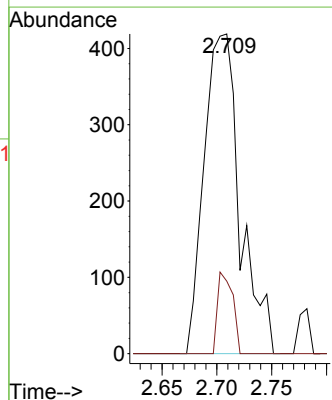
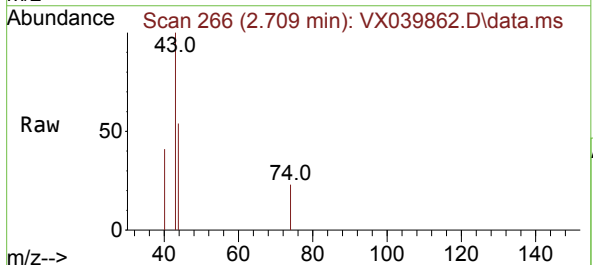
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#05

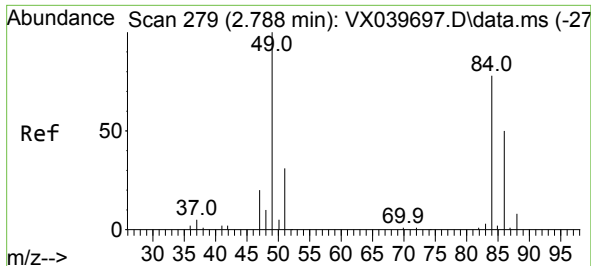
Tgt Ion: 43 Resp: 18634
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.612 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

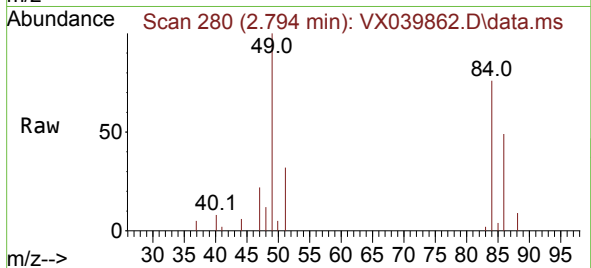
Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
74 10.7 17.8 26.8#



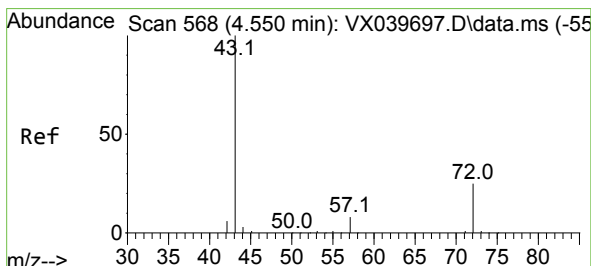
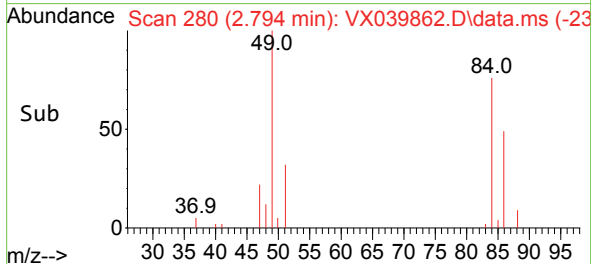
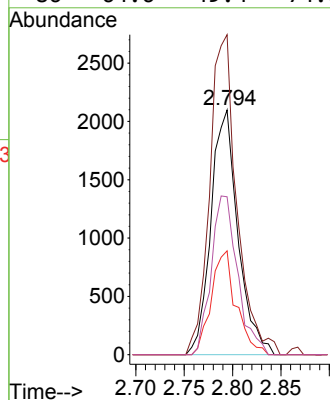


#20
Methylene Chloride
Concen: 3.606 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#05

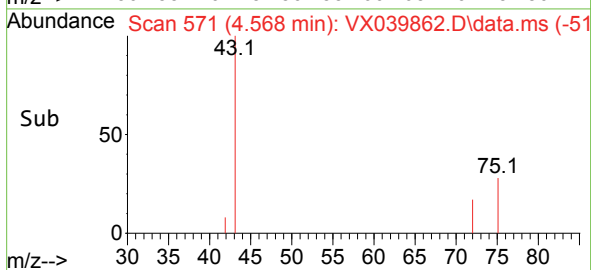
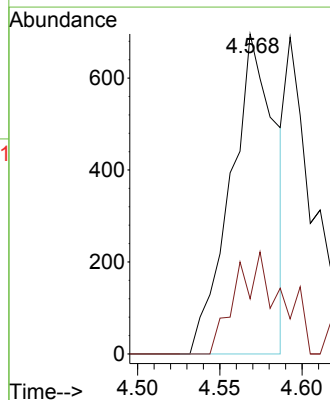
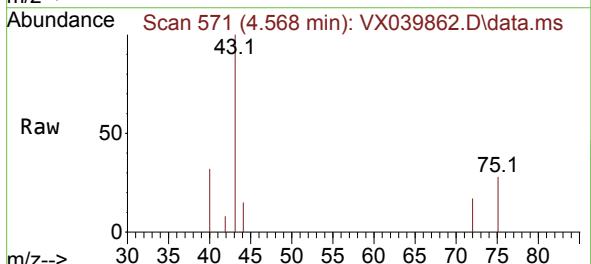


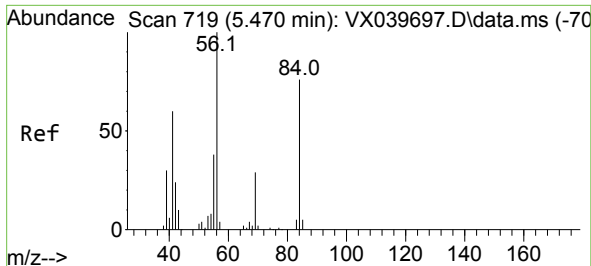
Tgt Ion:	84	Resp:	4080
Ion	Ratio	Lower	Upper
84	100		
49	130.8	103.6	155.4
51	42.5	33.8	50.6
86	64.6	49.4	74.0



#25
2-Butanone
Concen: 1.213 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion:	43	Resp:	1304
Ion	Ratio	Lower	Upper
43	100		
72	17.2	19.4	29.2#

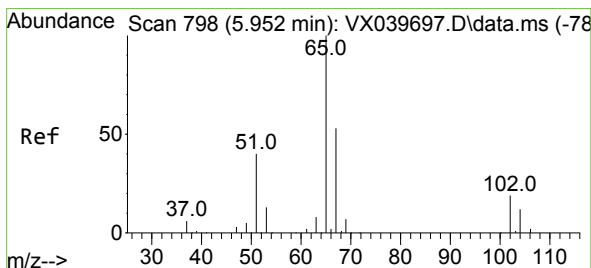
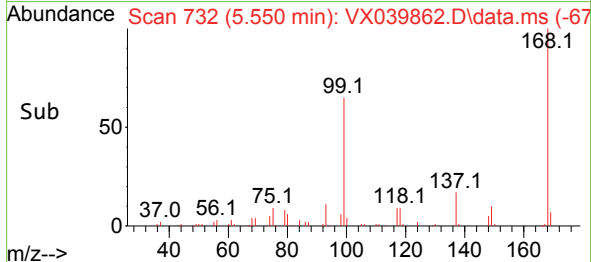
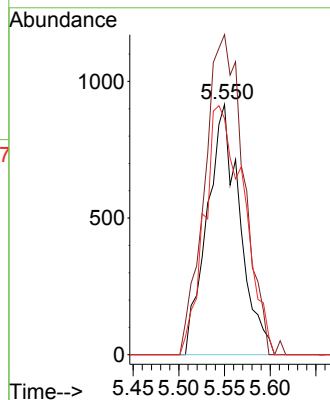
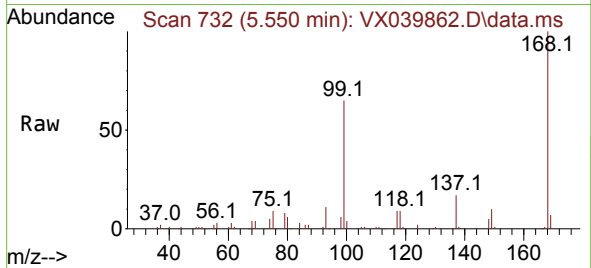




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

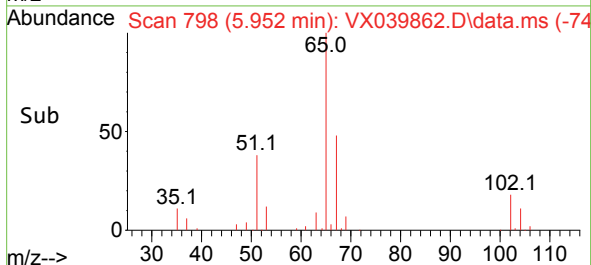
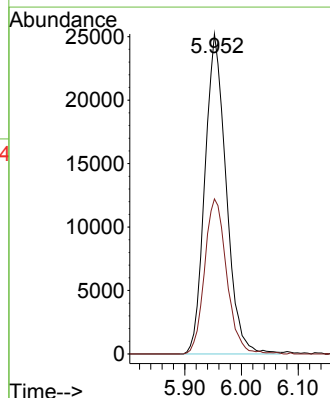
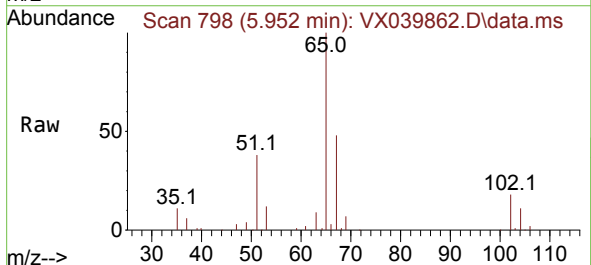
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#05

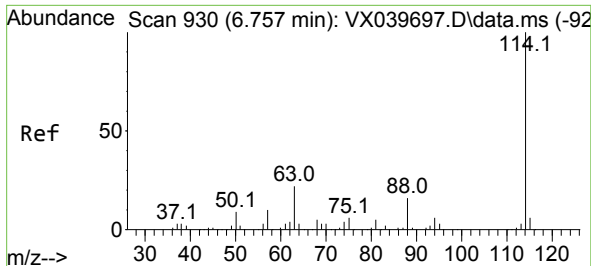
Tgt Ion: 56 Resp: 2274
Ion Ratio Lower Upper
56 100
69 127.8 23.4 35.2#
84 94.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.329 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion: 65 Resp: 65608
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

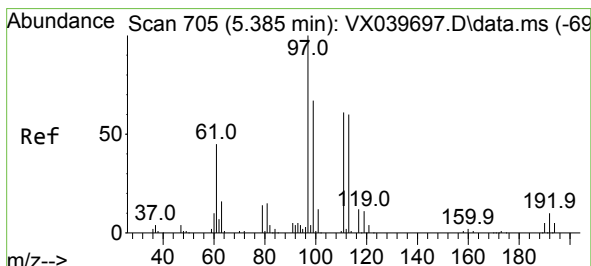
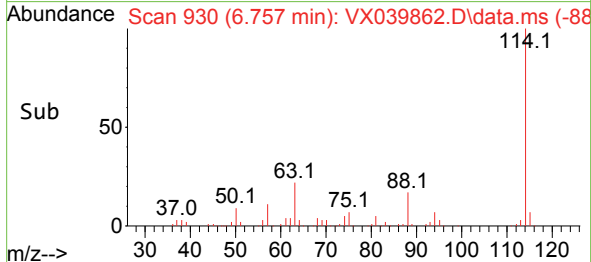
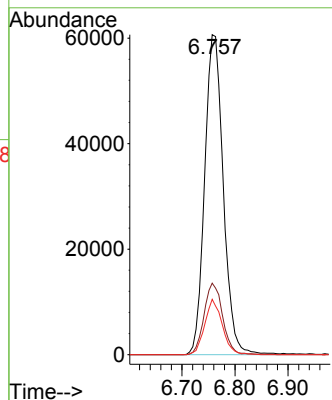
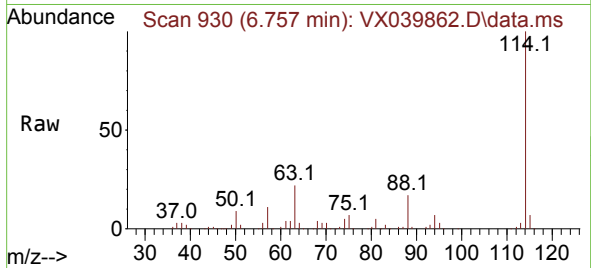




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

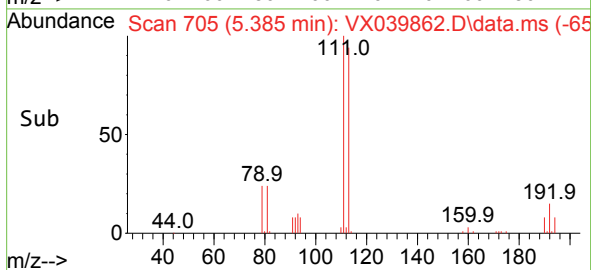
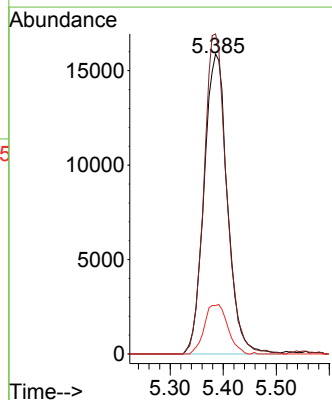
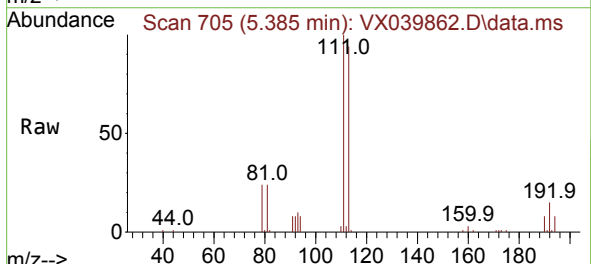
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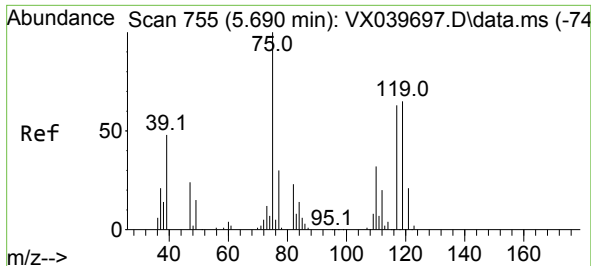
Tgt Ion:114 Resp: 148211
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion:113 Resp: 48508
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.5 13.3 19.9

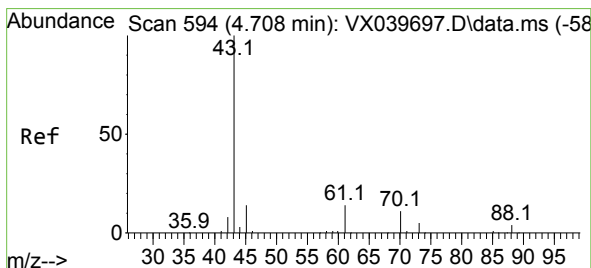
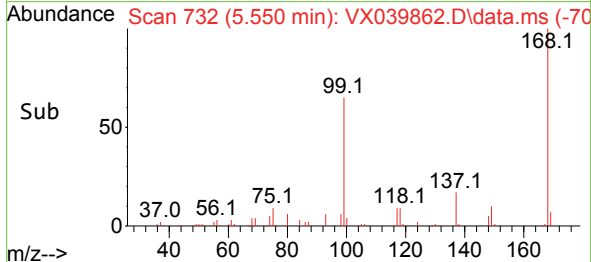
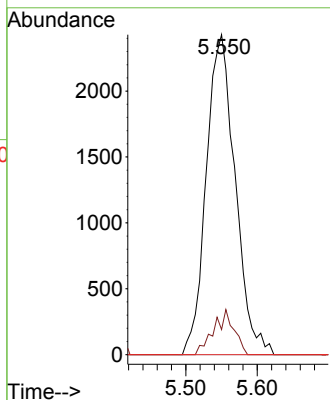
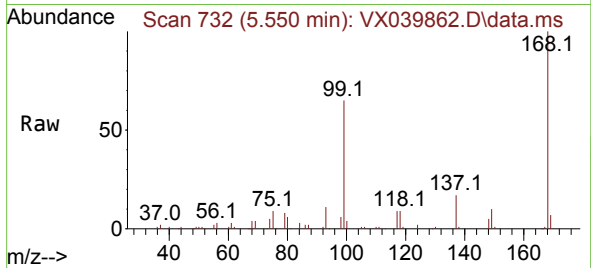




#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

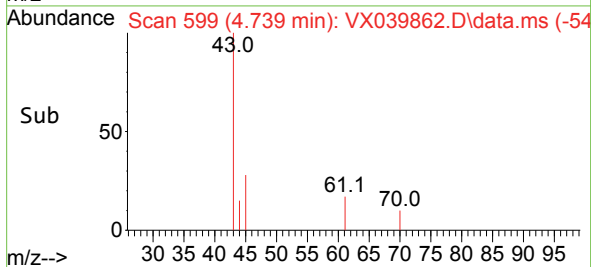
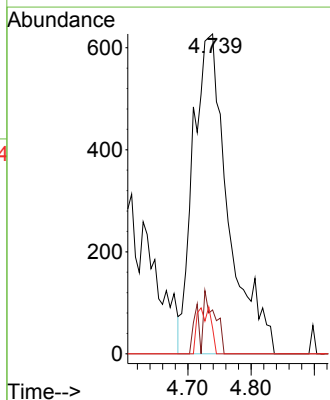
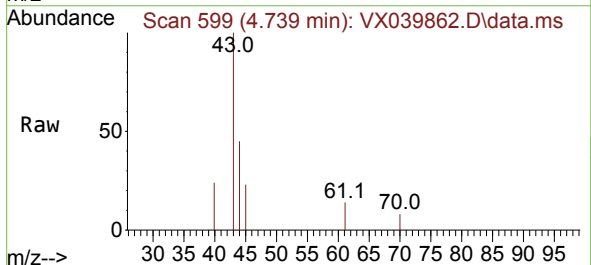
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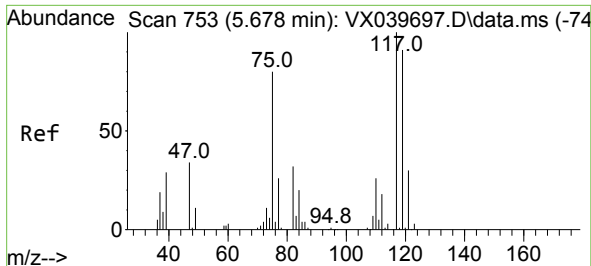
Tgt Ion: 75 Resp: 6823
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.169 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.031 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
61 6.4 10.6 16.0#
70 5.7 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.228 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX039862.D

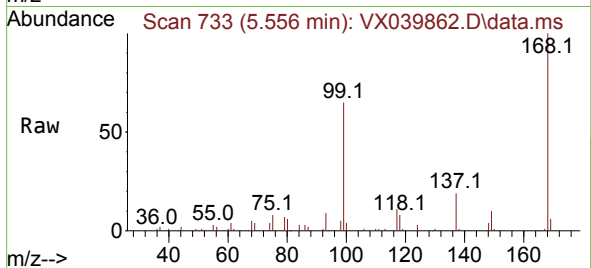
Acq: 20 Jan 2024 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#05



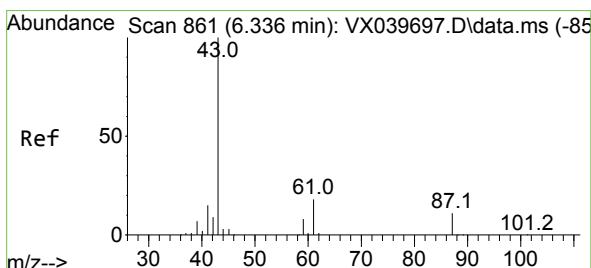
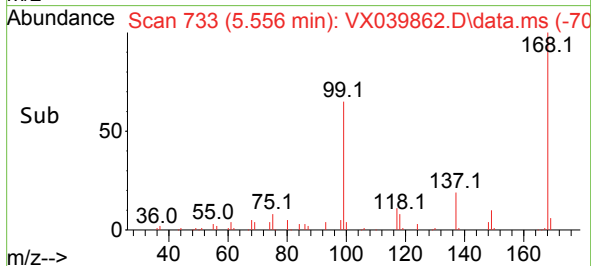
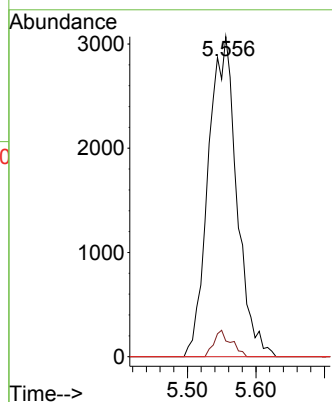
Tgt Ion:117 Resp: 8863

Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 26.306 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

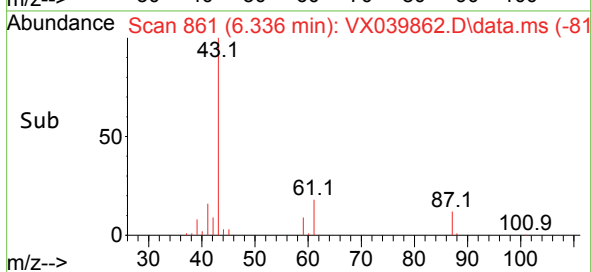
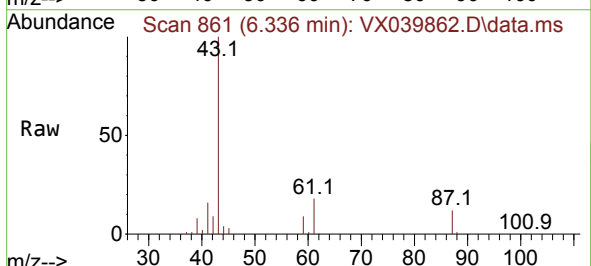
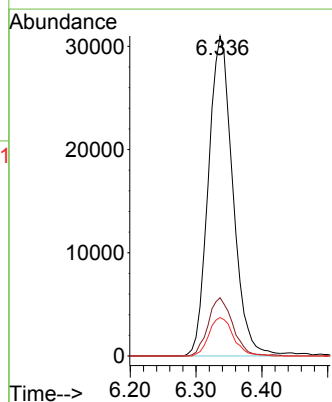
Tgt Ion: 43 Resp: 79994

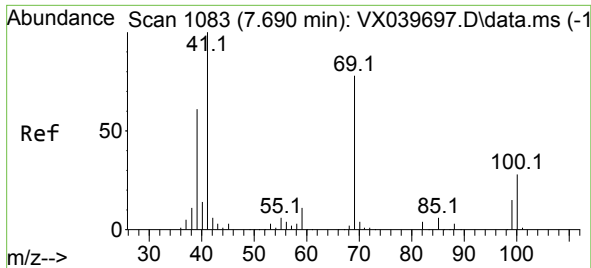
Ion Ratio Lower Upper

43 100

61 18.3 15.2 22.8

87 12.0 9.8 14.6

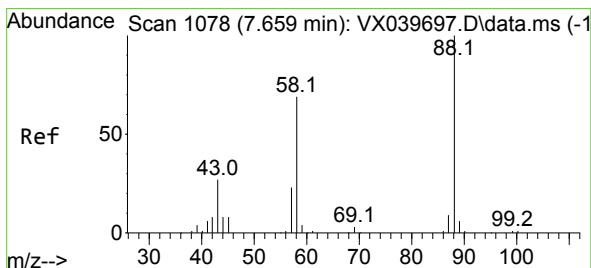
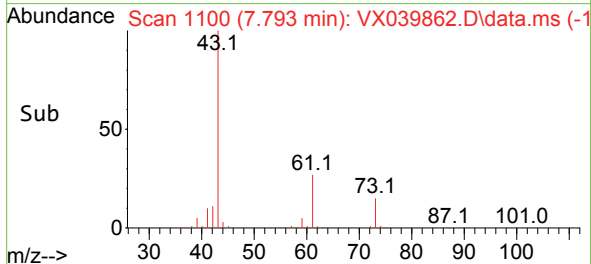
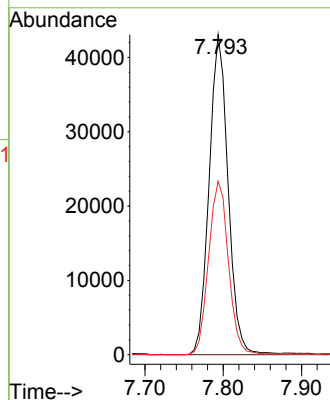
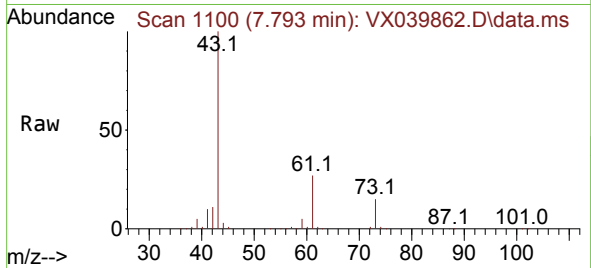




#48
Methyl methacrylate
Concen: 48.363 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

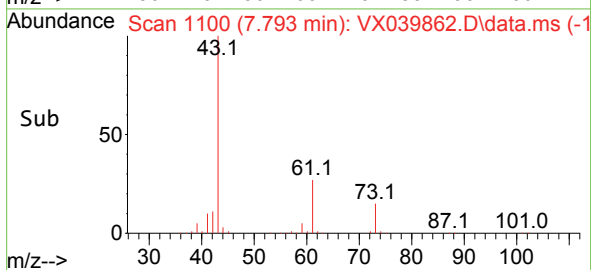
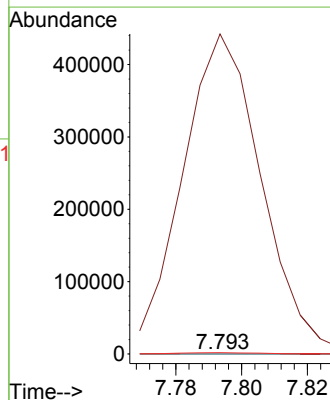
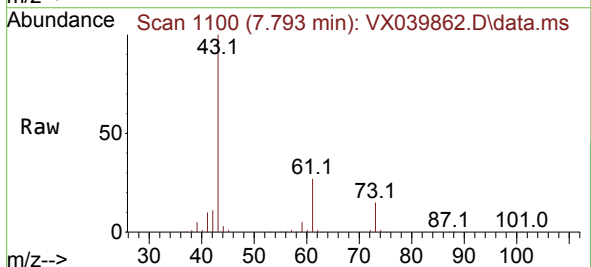
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#05

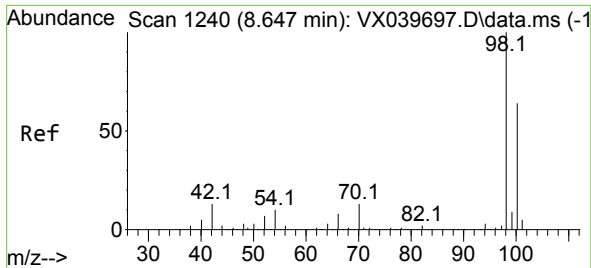
Tgt Ion: 41 Resp: 72289
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 56.8 47.7 71.5



#49
1,4-Dioxane
Concen: 1.971 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 1320077.2 0.0 0.0#
58 5671.9 60.1 90.1#

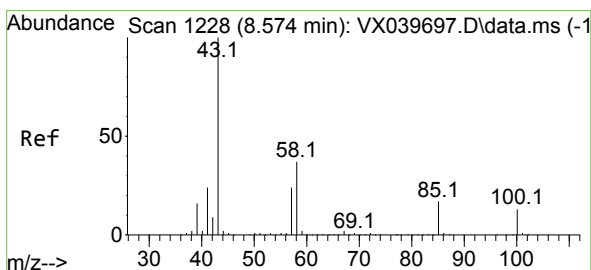
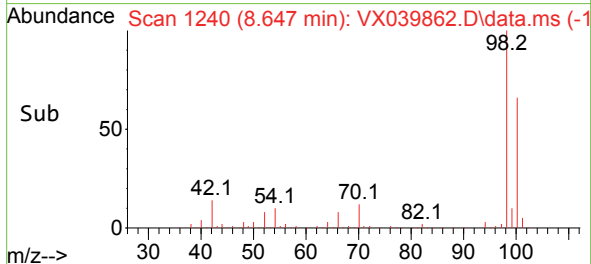
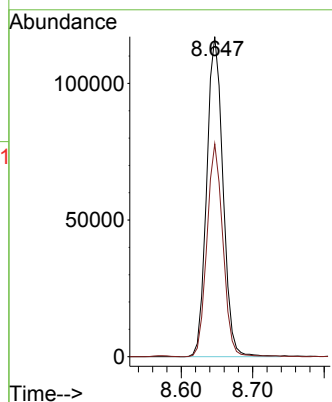
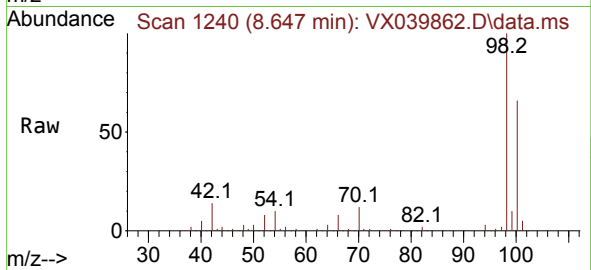




#50
Toluene-d8
Concen: 49.113 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

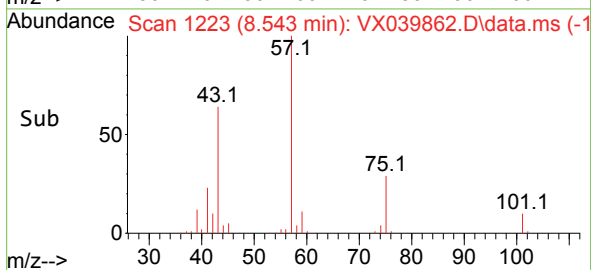
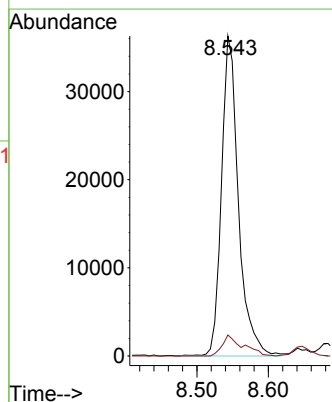
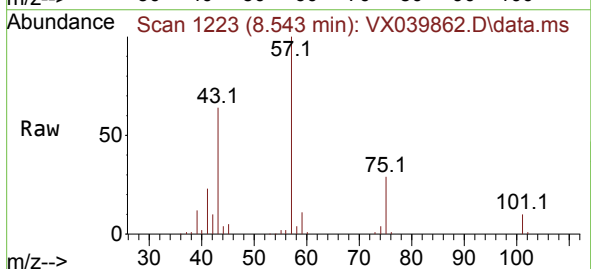
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#05

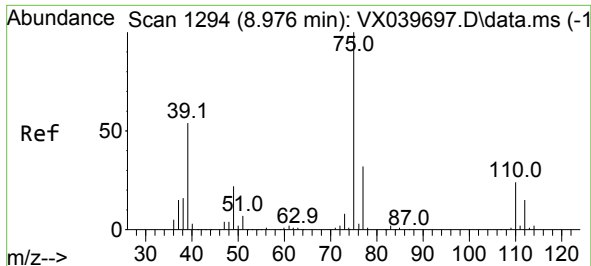
Tgt Ion: 98 Resp: 184911
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 28.533 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion: 43 Resp: 59758
Ion Ratio Lower Upper
43 100
58 8.0 30.4 45.6#

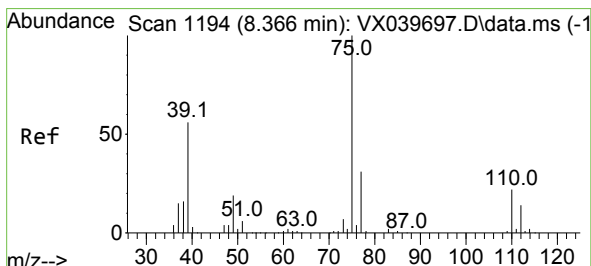
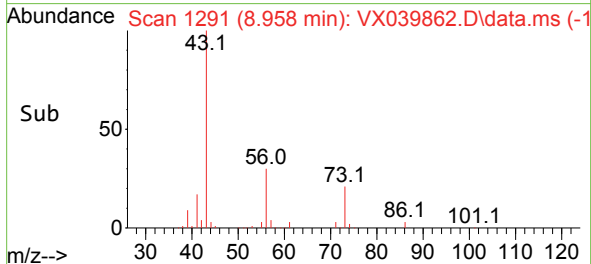
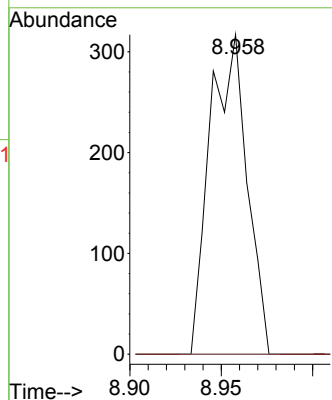
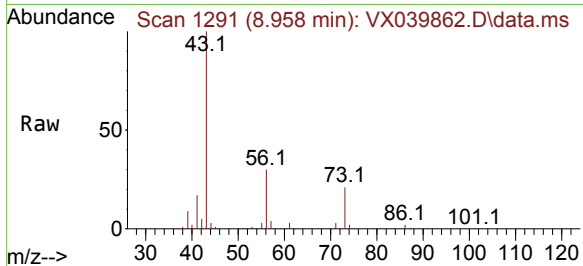




#53
 t-1,3-Dichloropropene
 Concen: 0.279 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX039862.D
 Acq: 20 Jan 2024 00:39

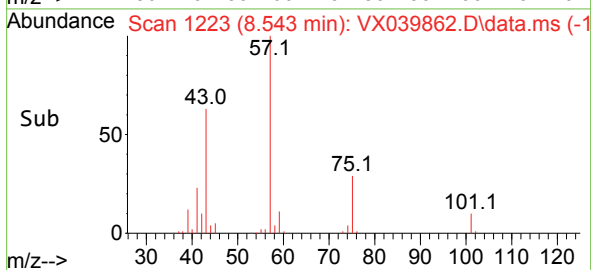
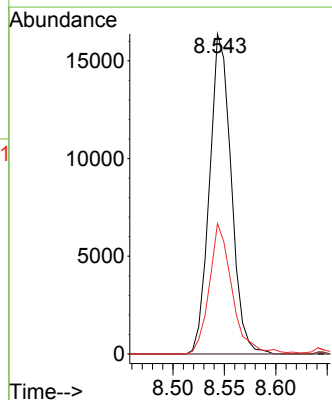
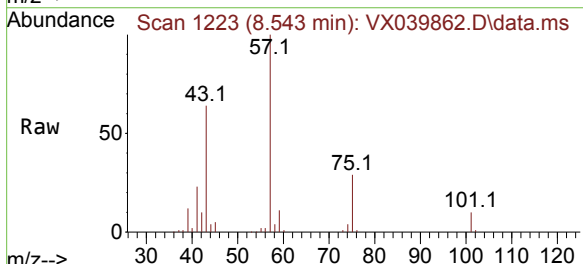
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158526ZHE#05

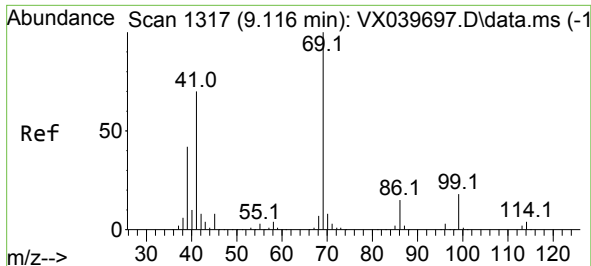
Tgt Ion: 75 Resp: 447
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 13.616 ug/l
 RT: 8.543 min Scan# 1223
 Delta R.T. 0.177 min
 Lab File: VX039862.D
 Acq: 20 Jan 2024 00:39

Tgt Ion: 75 Resp: 23988
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 40.8 46.7 70.1#

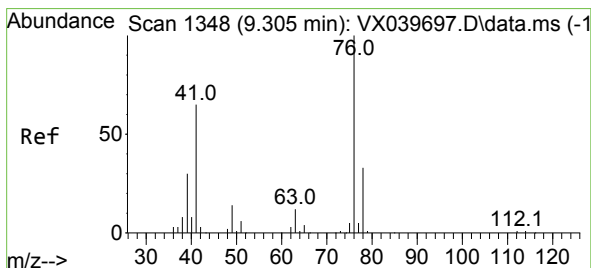
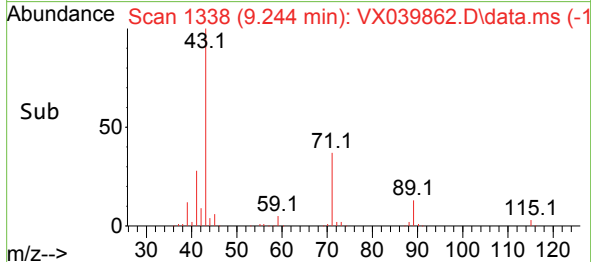
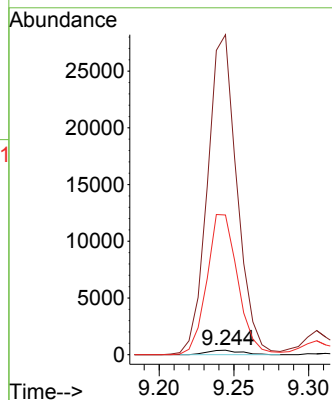
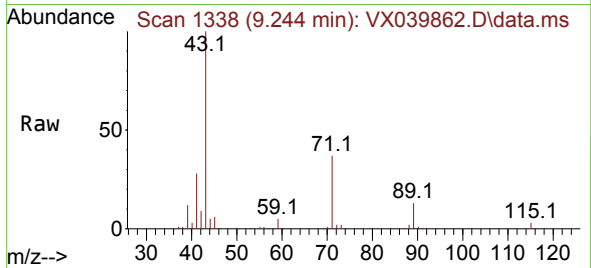




#56
Ethyl methacrylate
Concen: 0.339 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

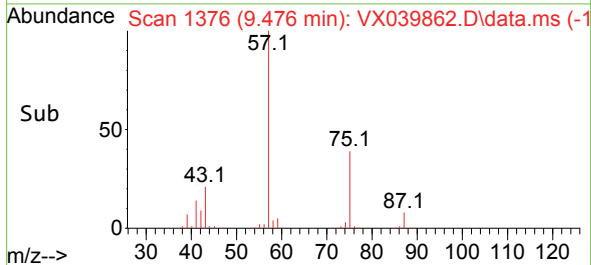
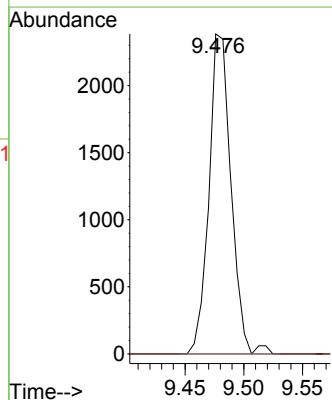
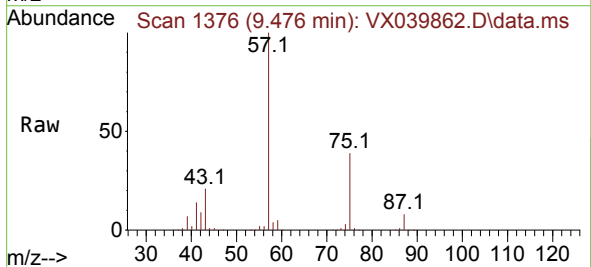
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#05

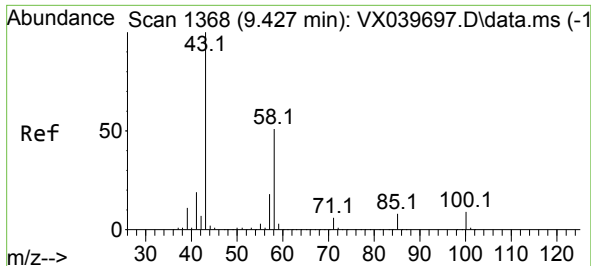
Tgt Ion: 69 Resp: 614
Ion Ratio Lower Upper
69 100
41 6328.5 56.8 85.2#
39 2898.5 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.646 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.171 min
Lab File: VX039862.D
Acq: 20 Jan 2024 00:39

Tgt Ion: 76 Resp: 3122
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#





#59

2-Hexanone

Concen: 28.760 ug/l

RT: 9.482 min Scan# 1133

Delta R.T. 0.055 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

Instrument :

MSVOA_X

ClientSampleId :

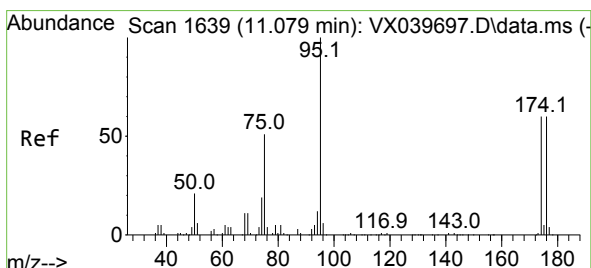
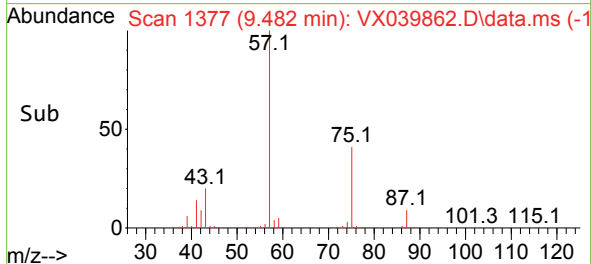
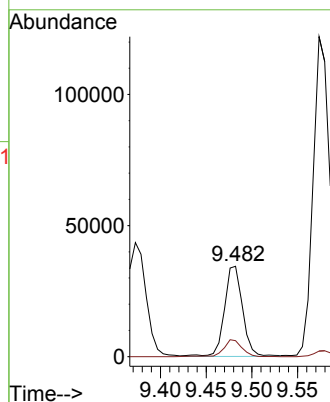
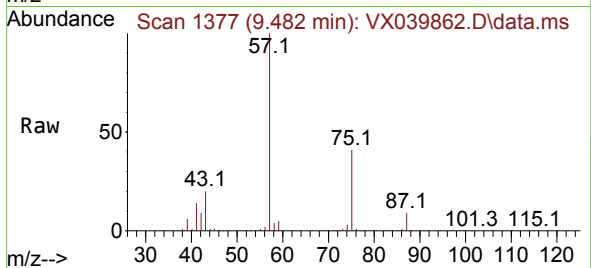
PB158526ZHE#05

Tgt Ion: 43 Resp: 47670

Ion Ratio Lower Upper

43 100

58 19.1 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 51.354 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

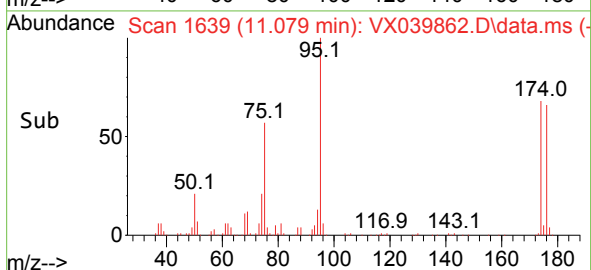
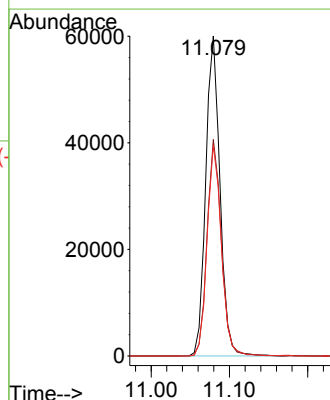
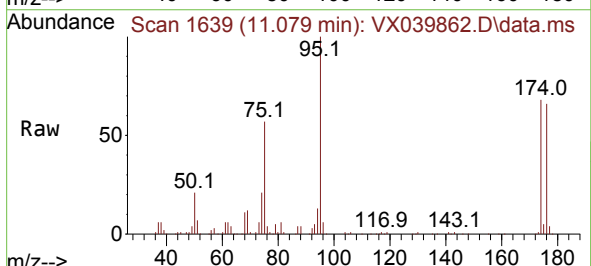
Tgt Ion: 95 Resp: 75608

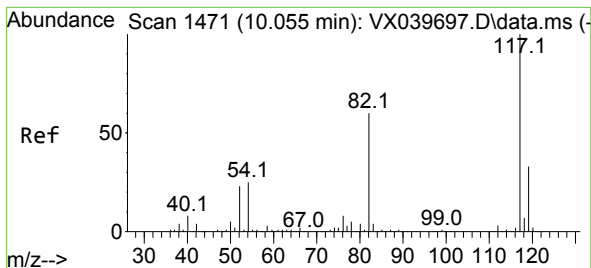
Ion Ratio Lower Upper

95 100

174 68.1 0.0 135.6

176 66.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#05

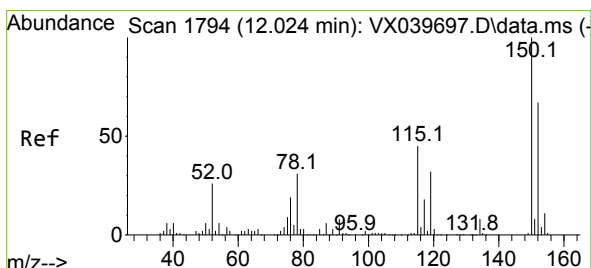
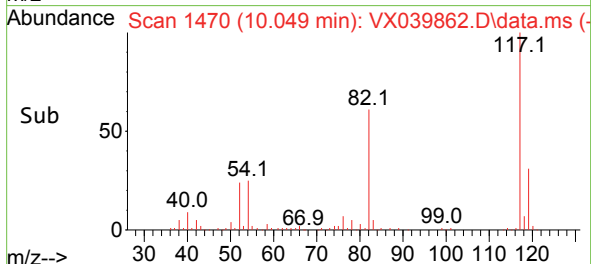
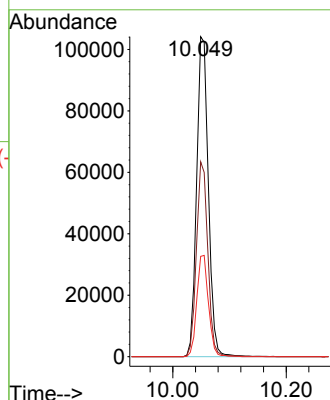
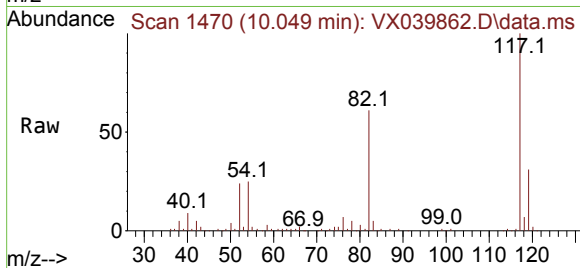
Tgt Ion:117 Resp: 149171

Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

119 31.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

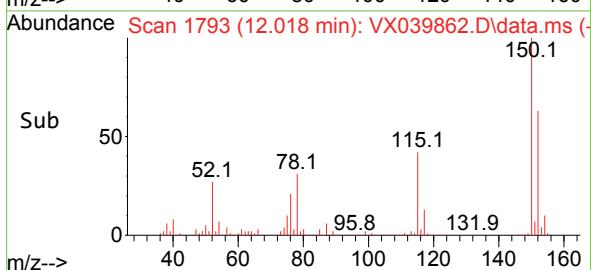
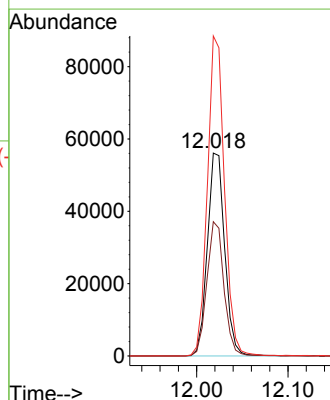
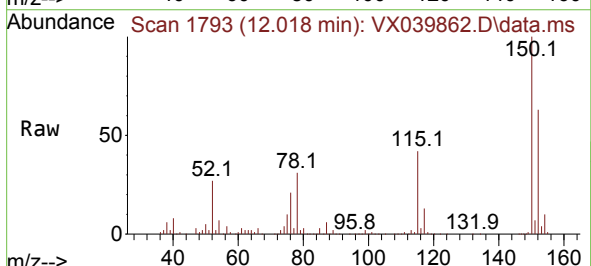
Tgt Ion:152 Resp: 73631

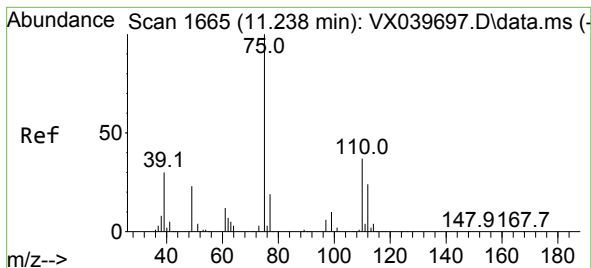
Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.877 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

Instrument :

MSVOA_X

ClientSampleId :

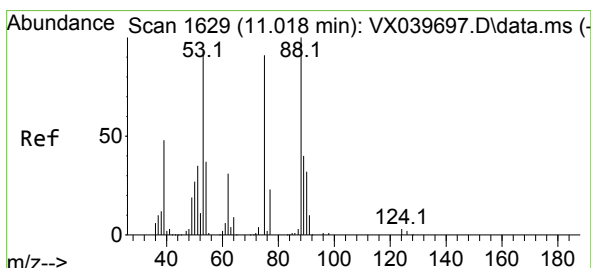
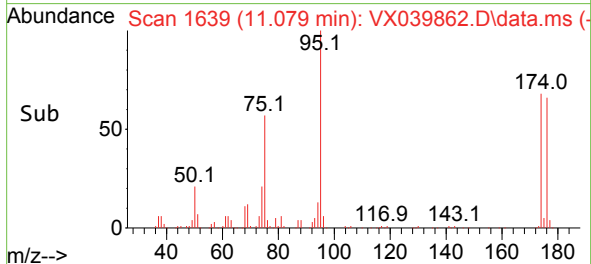
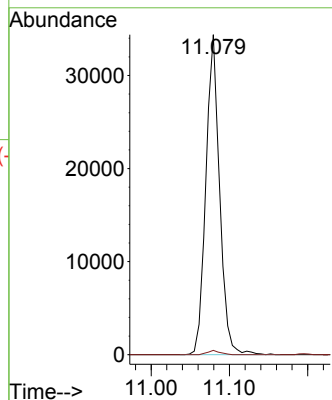
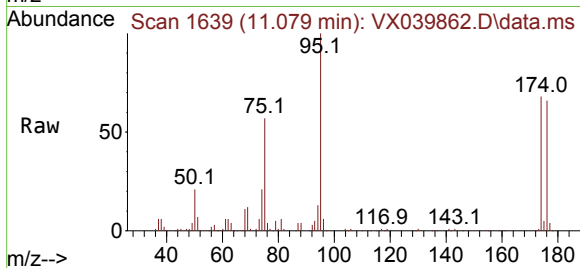
PB158526ZHE#05

Tgt Ion: 75 Resp: 41762

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.528 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039862.D

Acq: 20 Jan 2024 00:39

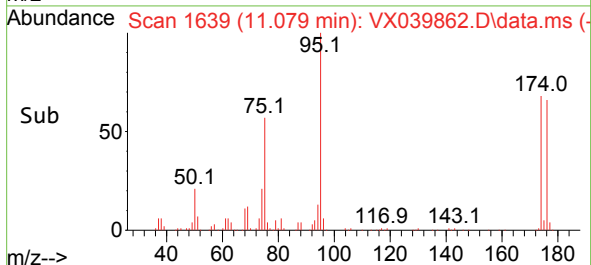
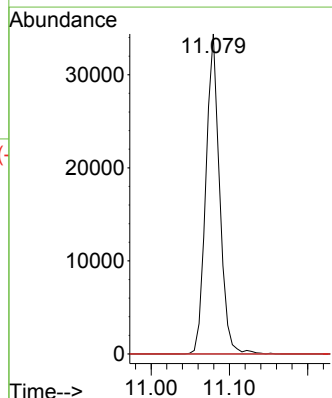
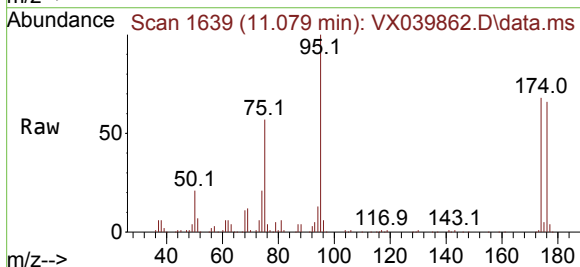
Tgt Ion: 75 Resp: 41762

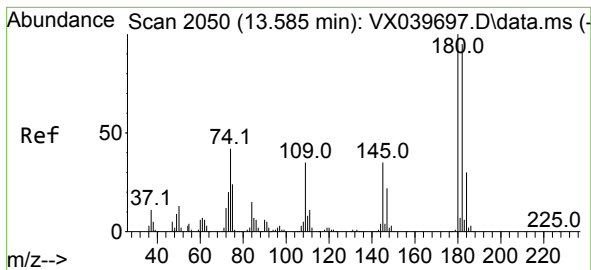
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

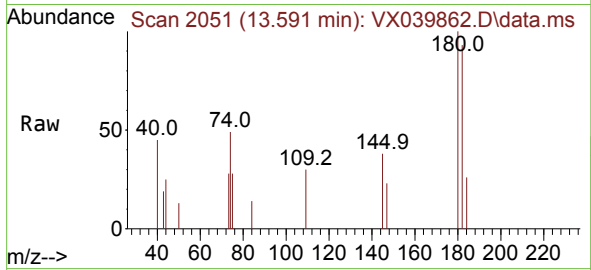
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.374 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX039862.D
 Acq: 20 Jan 2024 00:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158526ZHE#05



Tgt Ion:	180	Resp:	566
Ion Ratio	Lower	Upper	
180	100		
182	98.4	48.3	144.8
145	28.4	18.0	54.0

