

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039861.D
 Acq On : 20 Jan 2024 00:17
 Operator : JC/MD
 Sample : PB158526ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158526ZHE#04

Quant Time: Jan 20 03:55:27 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)

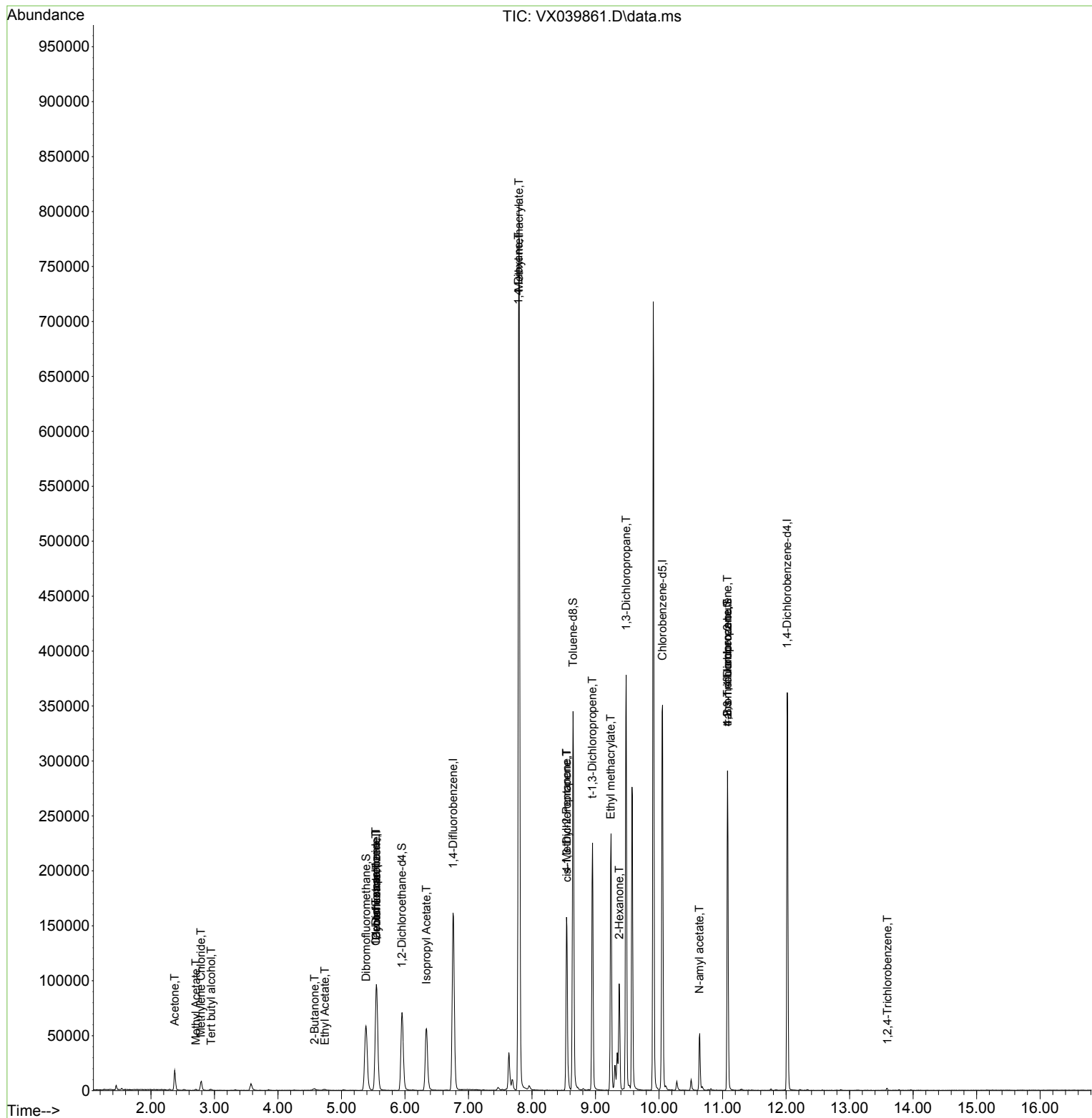
Internal Standards						
1) Pentafluorobenzene	5.550	168	85287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68894	48.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.440%		
35) Dibromofluoromethane	5.385	113	51440	48.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	8.647	98	197913	49.571	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	11.079	95	75948	48.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.280%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	796	2.140	ug/l #	78
16) Acetone	2.373	43	18756	23.343	ug/l	99
18) Methyl Acetate	2.709	43	1117	0.664	ug/l #	58
20) Methylene Chloride	2.788	84	4273	3.516	ug/l	93
25) 2-Butanone	4.574	43	2640	2.286	ug/l	94
31) Cyclohexane	5.550	56	2231	1.183	ug/l #	14
36) 1,1-Dichloropropene	5.544	75	8038	4.878	ug/l #	50
37) Ethyl Acetate	4.739	43	2230	1.014	ug/l #	81
38) Carbon Tetrachloride	5.544	117	9370	6.209	ug/l #	16
43) Isopropyl Acetate	6.336	43	79588	24.681	ug/l	99
48) Methyl methacrylate	7.793	41	71137	44.880	ug/l #	49
49) 1,4-Dioxane	7.787	88	52	1.695	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	59491	26.787	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	434	0.255	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	23614	12.640	ug/l #	61
56) Ethyl methacrylate	9.238	69	582	0.303	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3052	1.518	ug/l #	42
59) 2-Hexanone	9.372	43	70965	40.374	ug/l #	26
74) N-amyl acetate	10.634	43	14003	4.886	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	43062	24.050	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	43062	69.096	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	547	0.386	ug/l	86

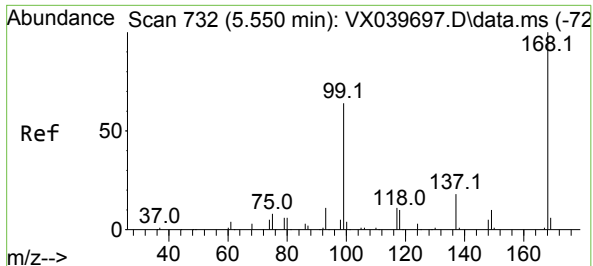
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

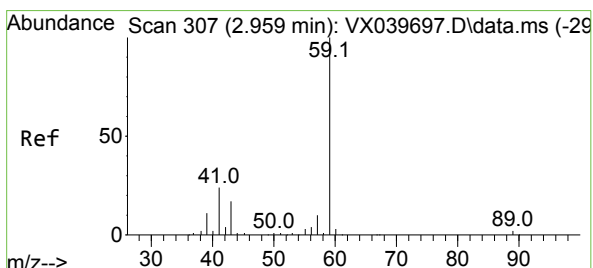
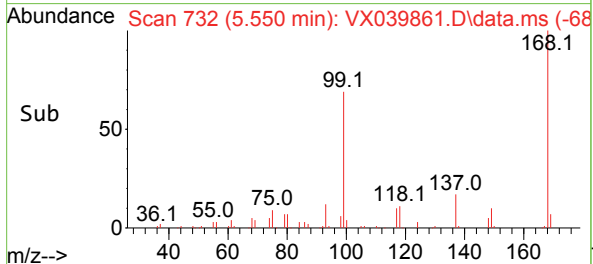
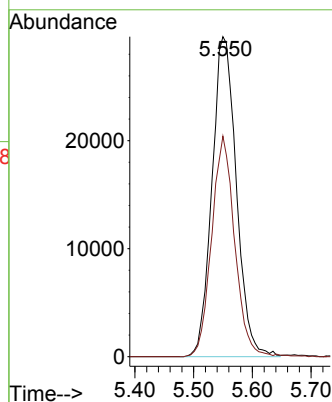
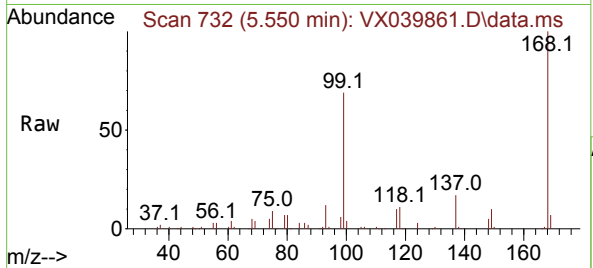




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

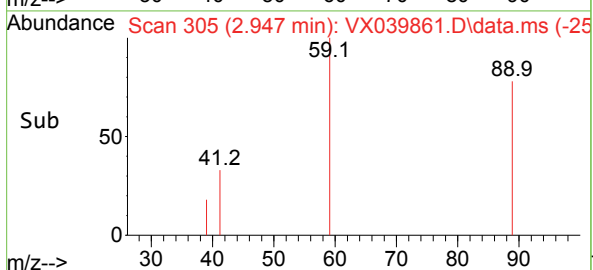
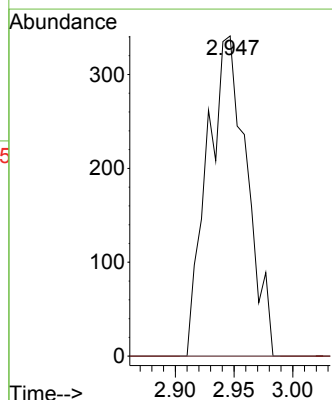
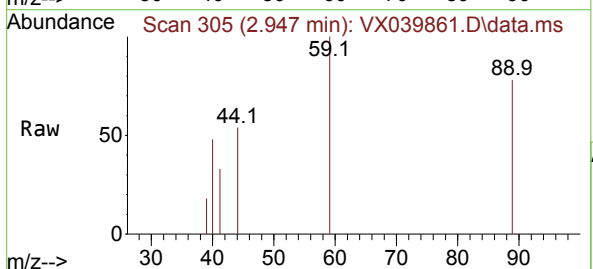
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

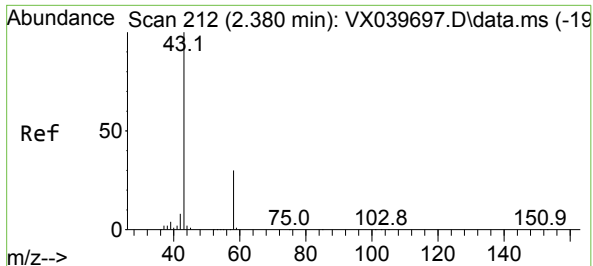
Tgt Ion:168 Resp: 85287
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.140 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 59 Resp: 796
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

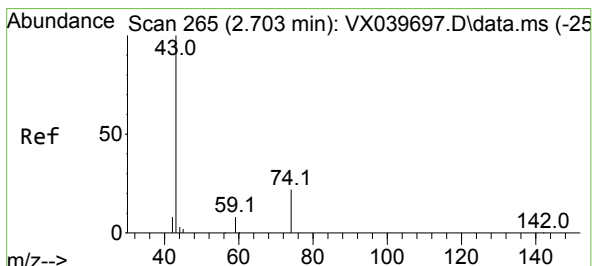
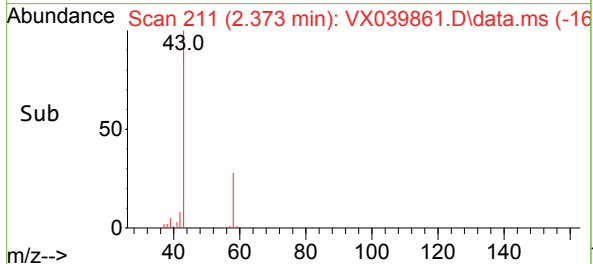
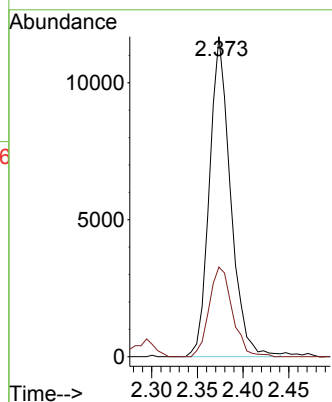
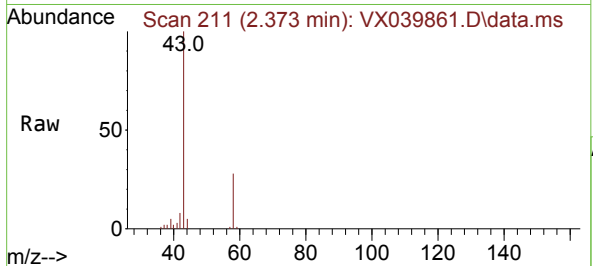




#16
Acetone
Concen: 23.343 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

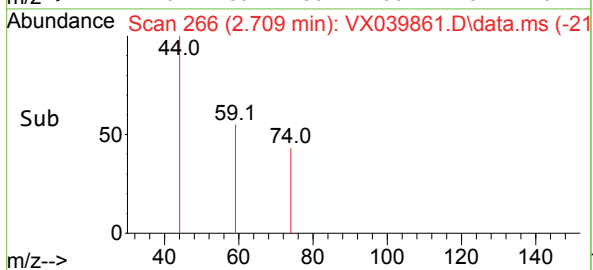
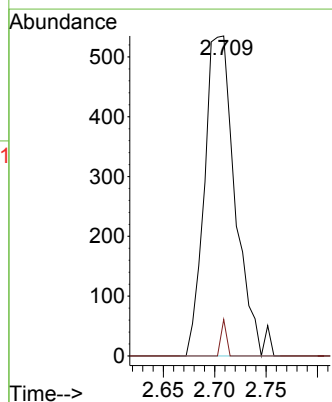
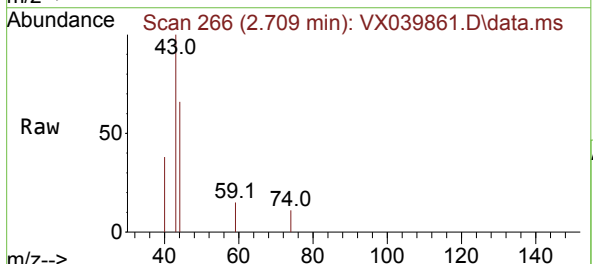
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

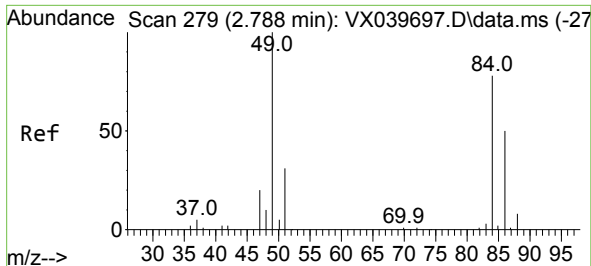
Tgt Ion: 43 Resp: 18756
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9



#18
Methyl Acetate
Concen: 0.664 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
74 2.0 17.8 26.8#





#20

Methylene Chloride

Concen: 3.516 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039861.D

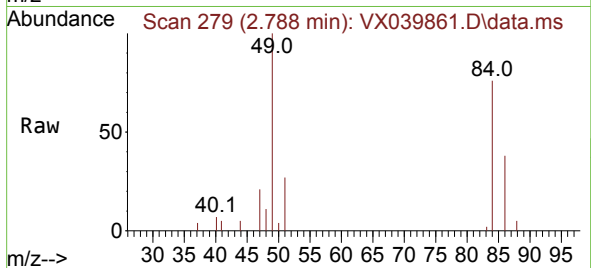
Acq: 20 Jan 2024 00:17

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#04



Tgt Ion: 84 Resp: 4273

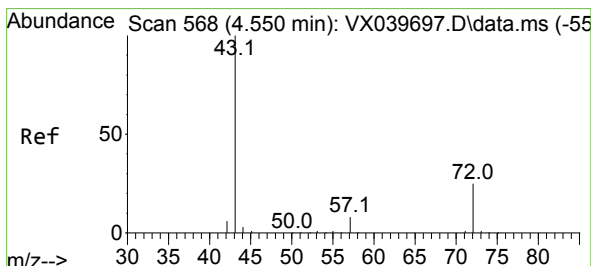
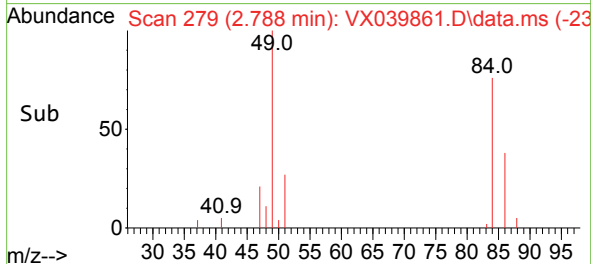
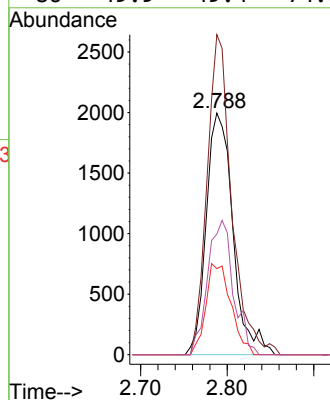
Ion Ratio Lower Upper

84 100

49 132.4 103.6 155.4

51 35.6 33.8 50.6

86 49.9 49.4 74.0



#25

2-Butanone

Concen: 2.286 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.024 min

Lab File: VX039861.D

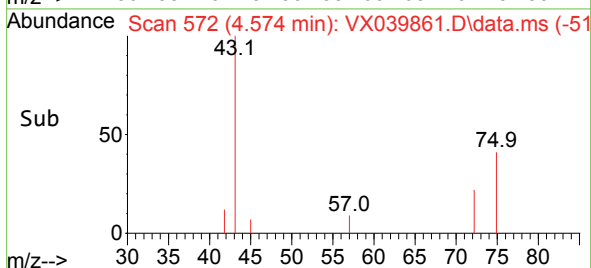
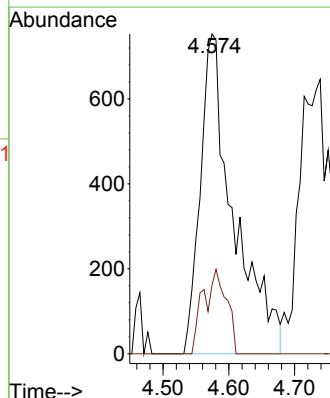
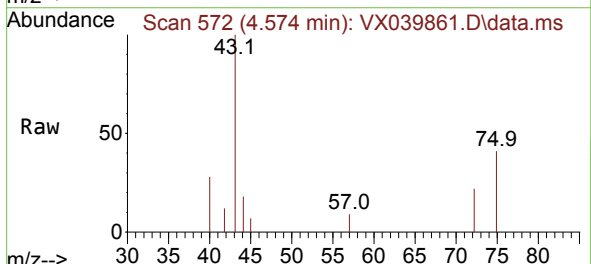
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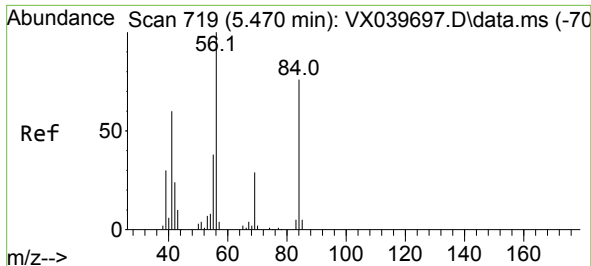
Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

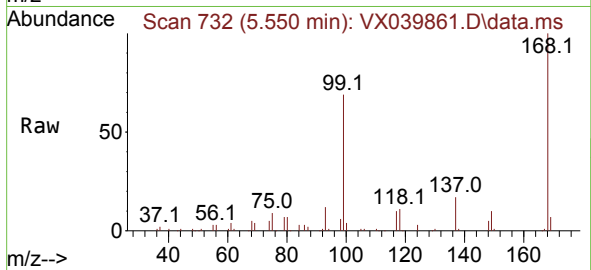
72 21.5 19.4 29.2



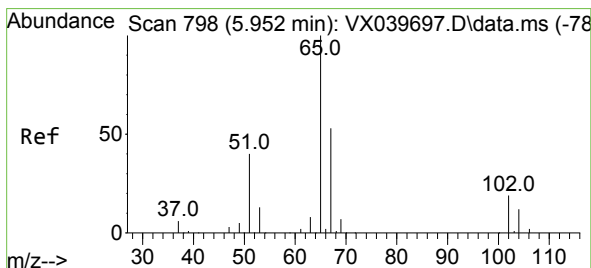
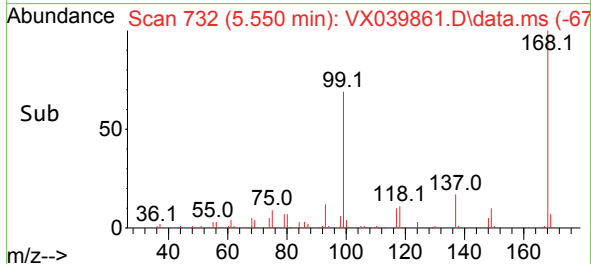
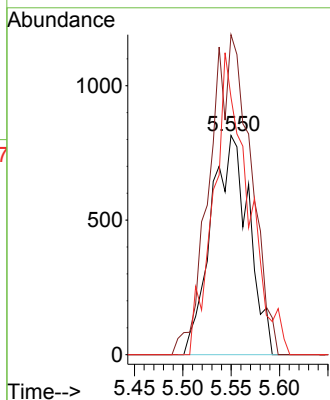


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

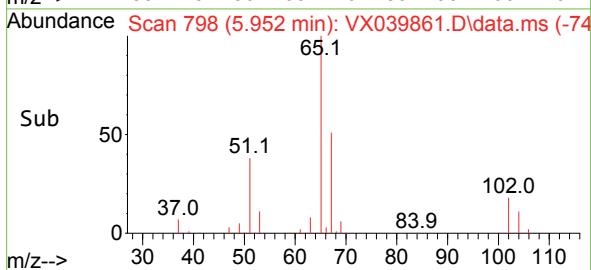
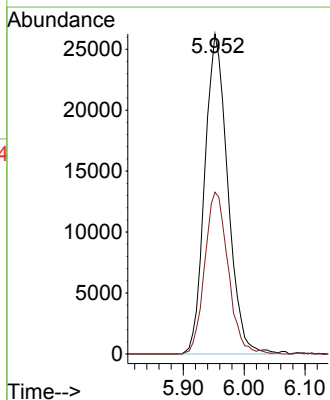
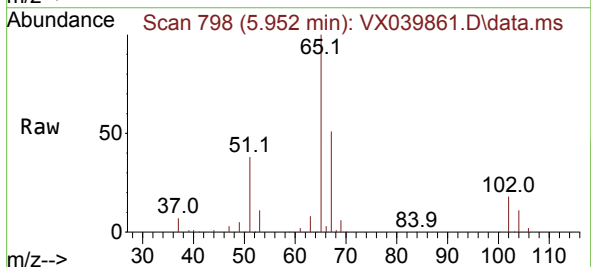


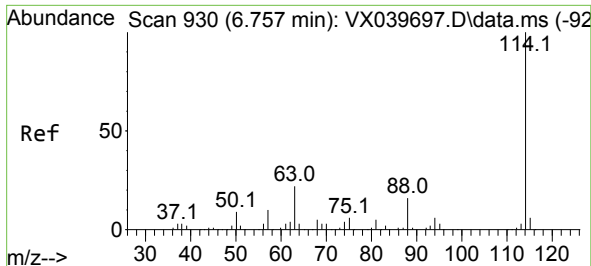
Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
69 146.0 23.4 35.2#
84 117.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.222 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 65 Resp: 68894
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

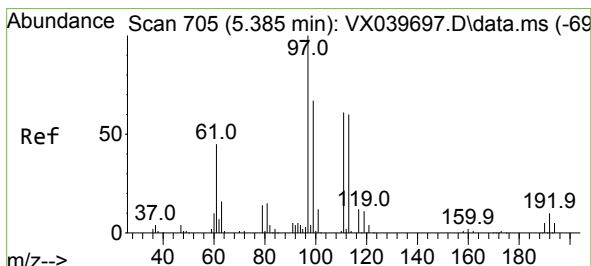
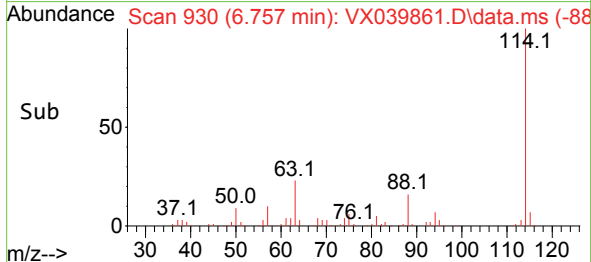
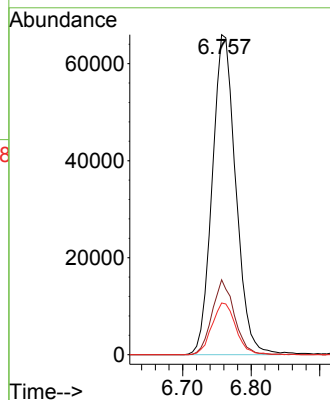
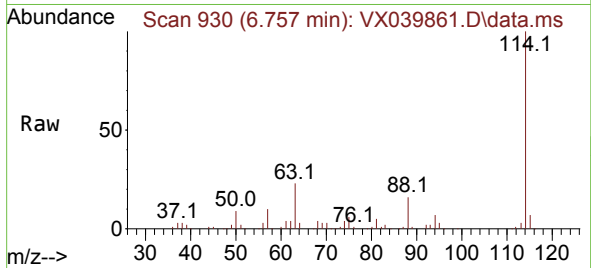




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

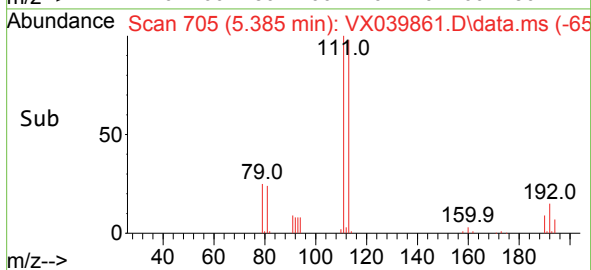
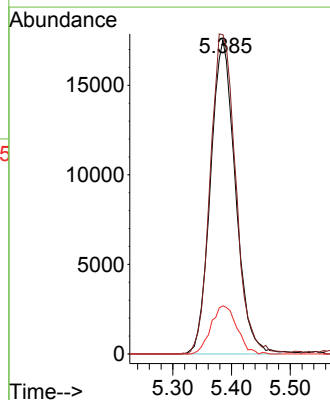
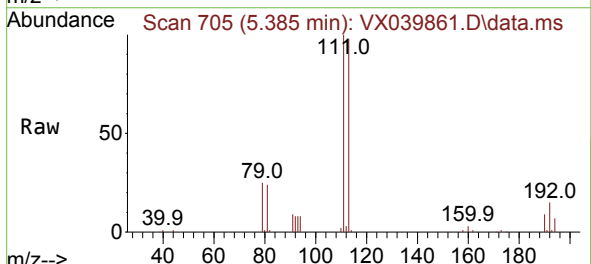
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PB158526ZHE#04

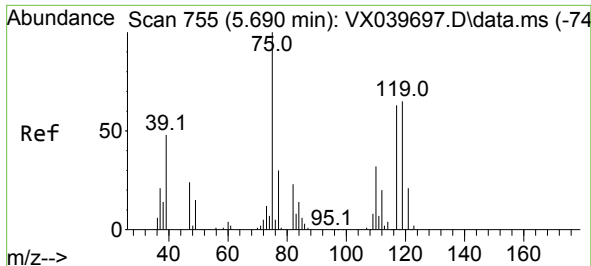
Tgt Ion:114 Resp: 157168
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.593 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion:113 Resp: 51440
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 16.0 13.3 19.9

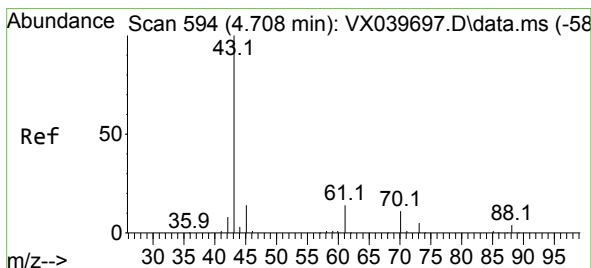
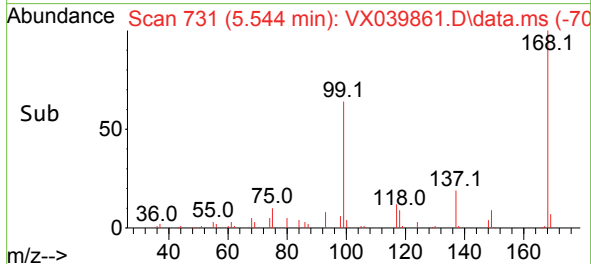
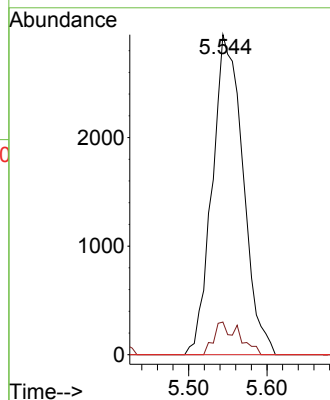
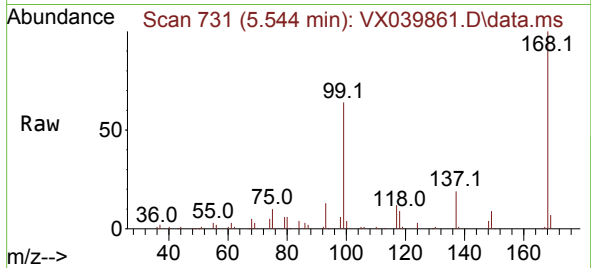




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

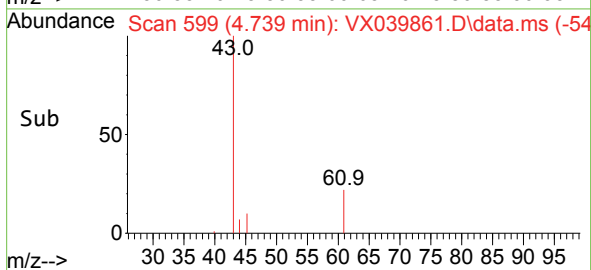
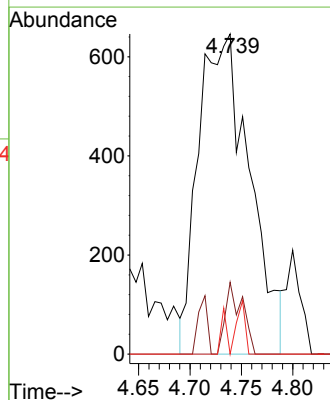
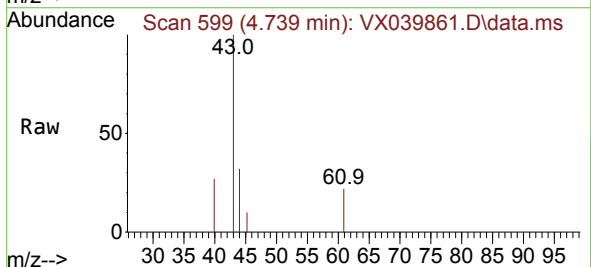
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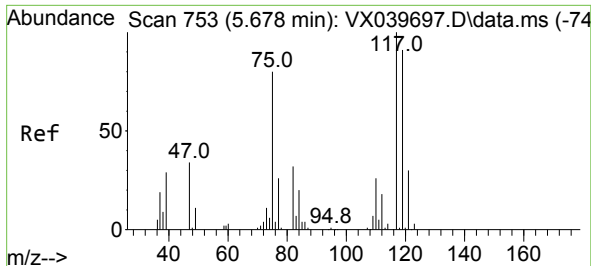
Tgt Ion: 75 Resp: 8038
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.014 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.030 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

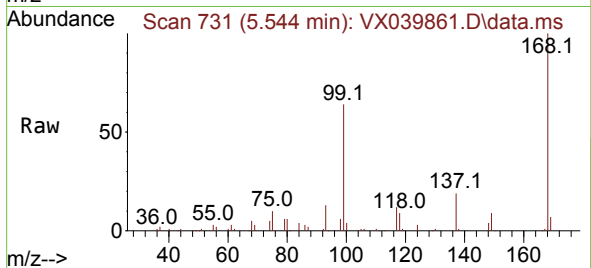
Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
61 7.4 10.6 16.0#
70 1.5 8.3 12.5#



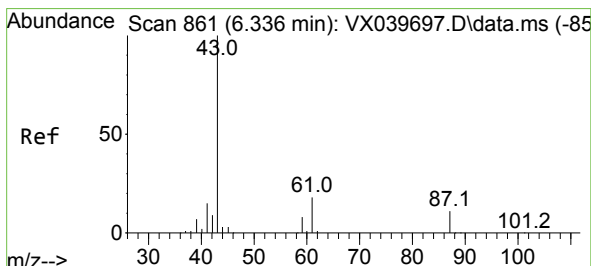
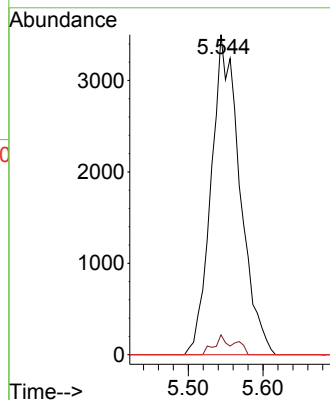
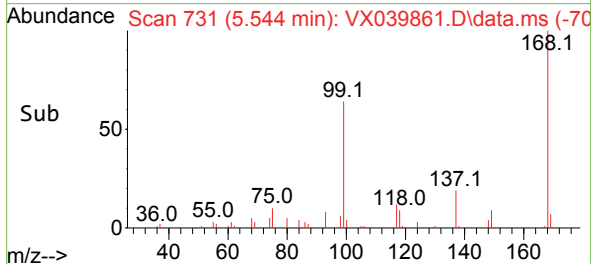


#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 5.544 min Scan# 753
Delta R.T. -0.134 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

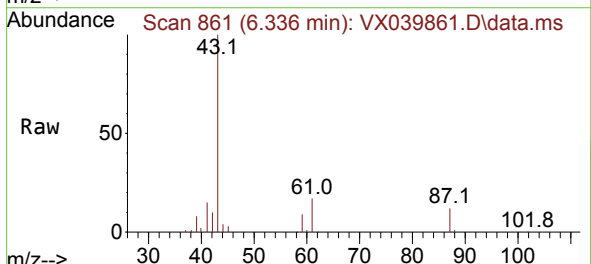
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04



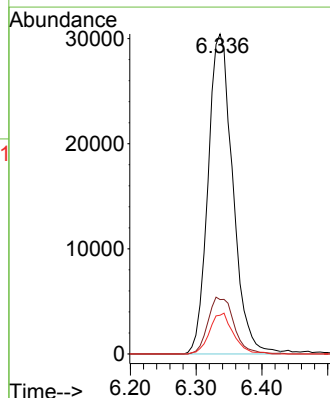
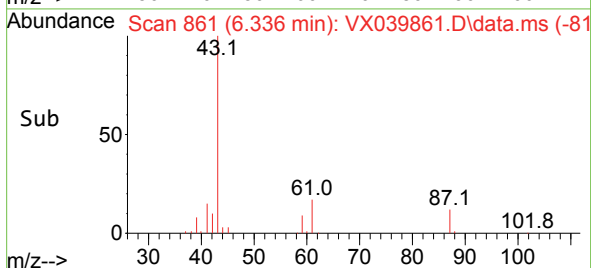
Tgt Ion:117 Resp: 9370
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#

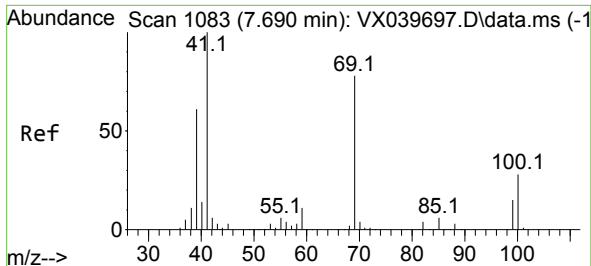


#43
Isopropyl Acetate
Concen: 24.681 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17



Tgt Ion: 43 Resp: 79588
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.3 9.8 14.6

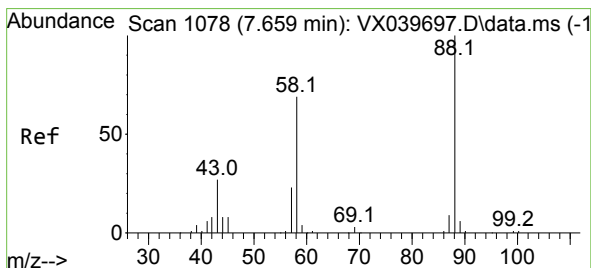
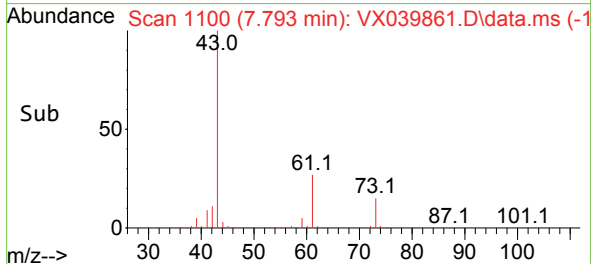
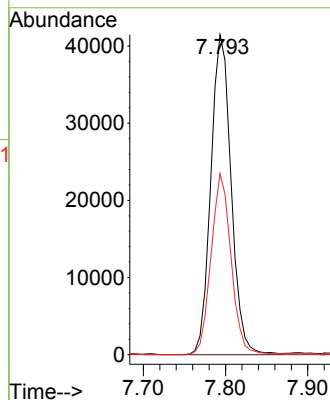
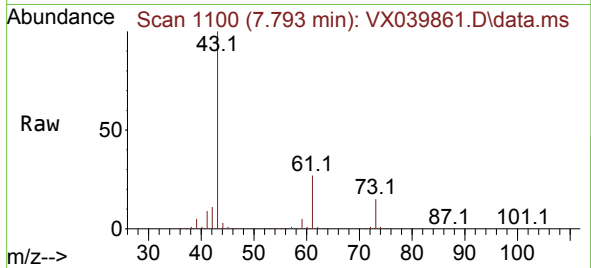




#48
Methyl methacrylate
Concen: 44.880 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

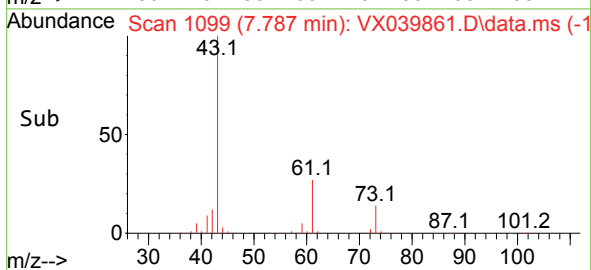
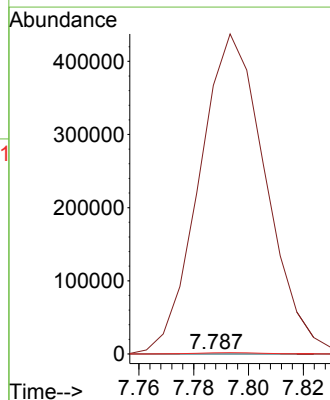
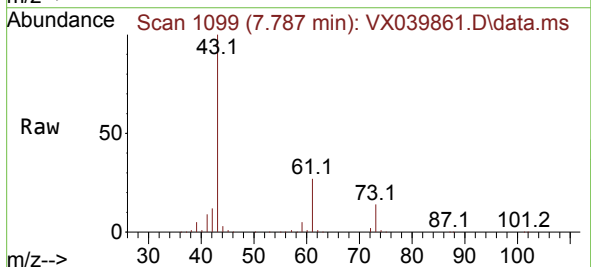
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

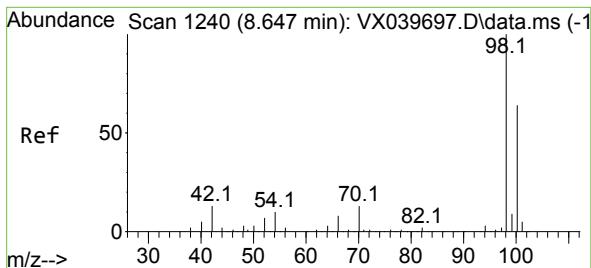
Tgt Ion: 41 Resp: 71137
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 56.0 47.7 71.5



#49
1,4-Dioxane
Concen: 1.695 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.128 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 1437009.6 0.0 0.0#
58 5759.6 60.1 90.1#





#50

Toluene-d8

Concen: 49.571 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039861.D

Acq: 20 Jan 2024 00:17

Instrument :

MSVOA_X

ClientSampleId :

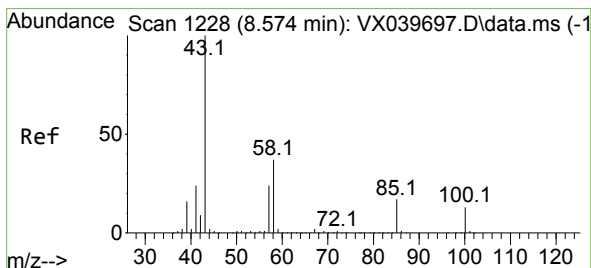
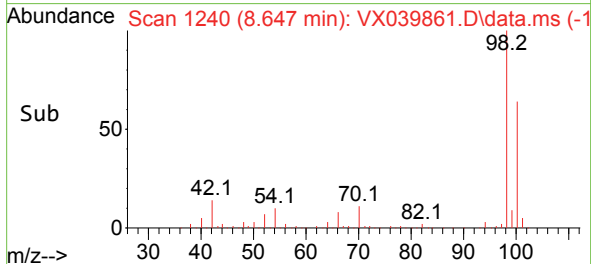
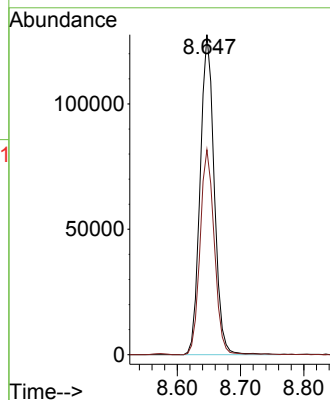
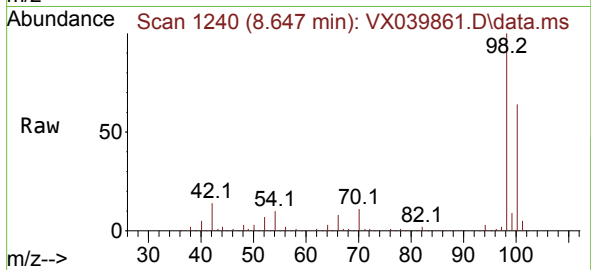
PB158526ZHE#04

Tgt Ion: 98 Resp: 197913

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 26.787 ug/l

RT: 8.543 min Scan# 1223

Delta R.T. -0.030 min

Lab File: VX039861.D

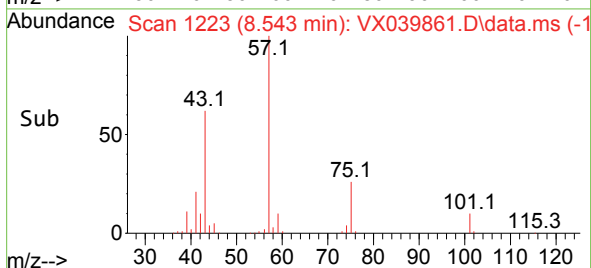
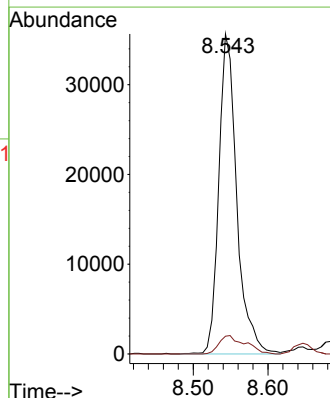
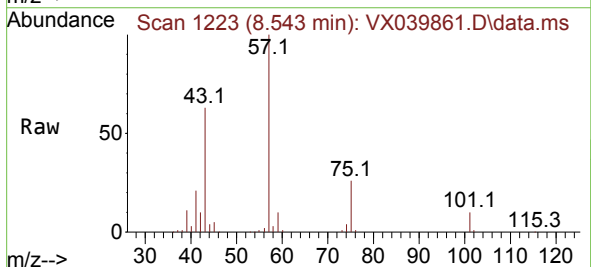
Acq: 20 Jan 2024 00:17

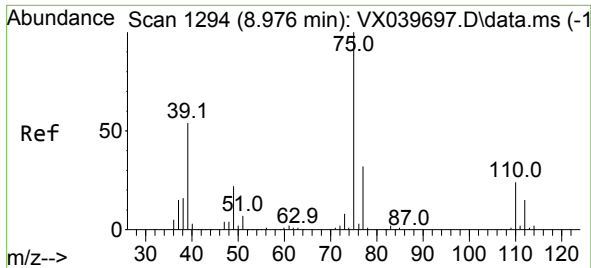
Tgt Ion: 43 Resp: 59491

Ion Ratio Lower Upper

43 100

58 8.4 30.4 45.6#

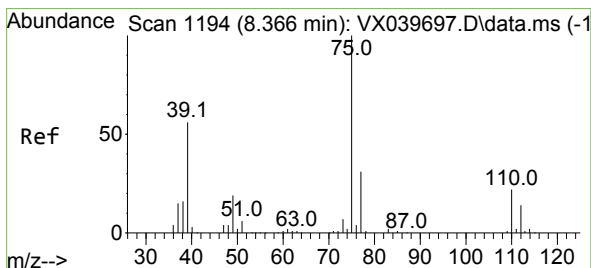
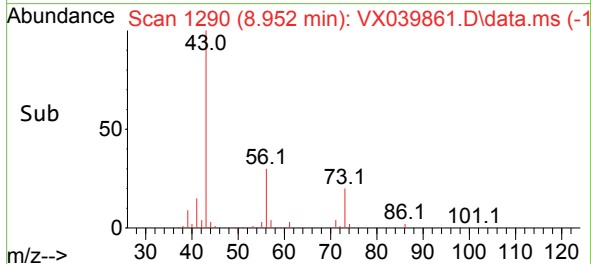
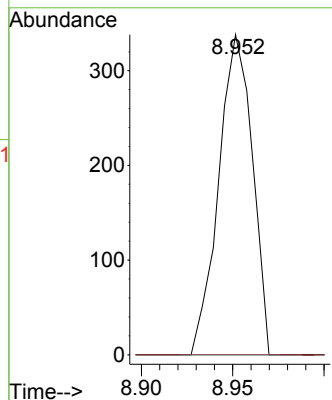
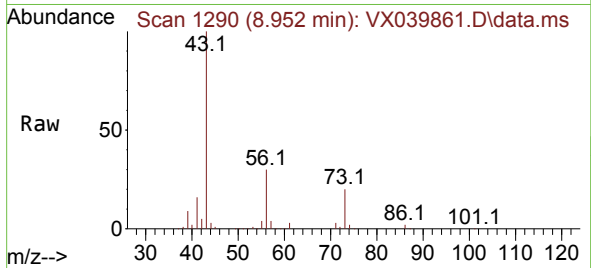




#53
t-1,3-Dichloropropene
Concen: 0.255 ug/l
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

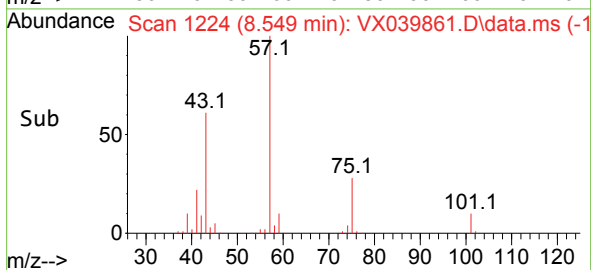
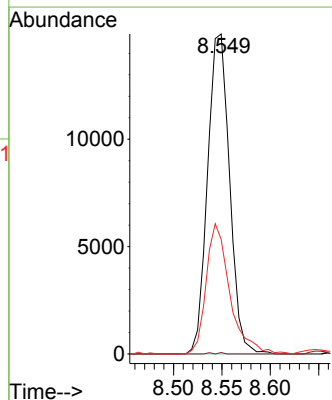
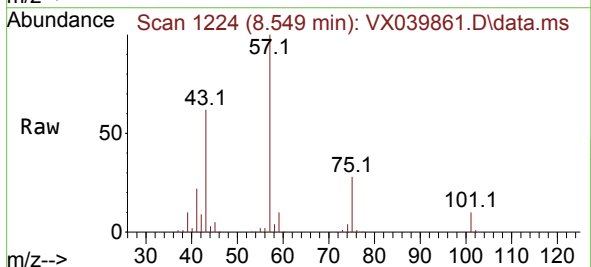
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

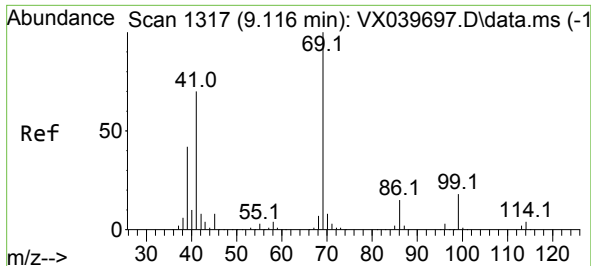
Tgt Ion: 75 Resp: 434
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 12.640 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 75 Resp: 23614
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 35.8 46.7 70.1#

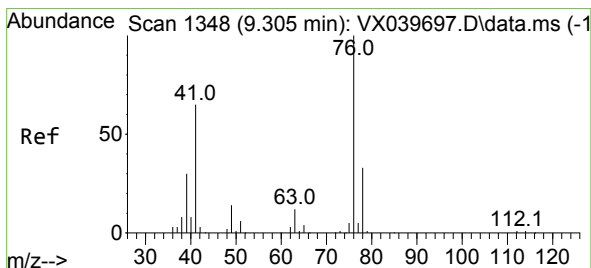
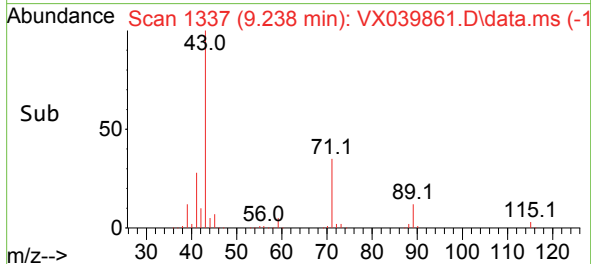
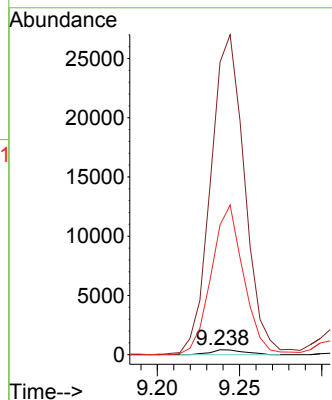
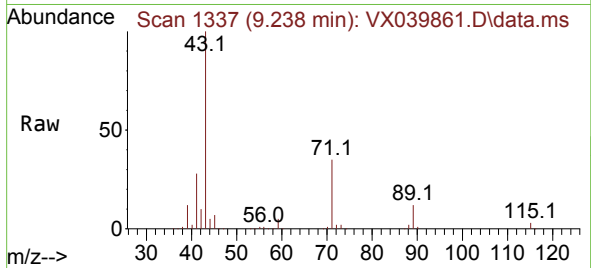




#56
Ethyl methacrylate
Concen: 0.303 ug/l
RT: 9.238 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

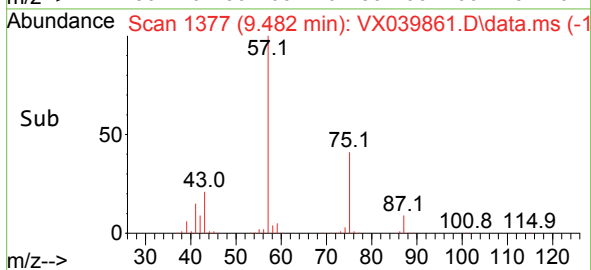
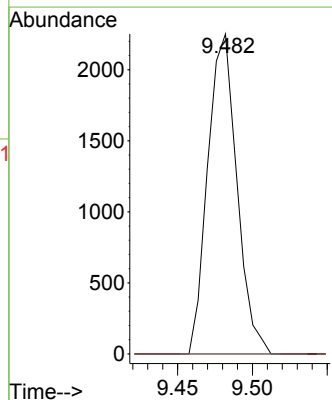
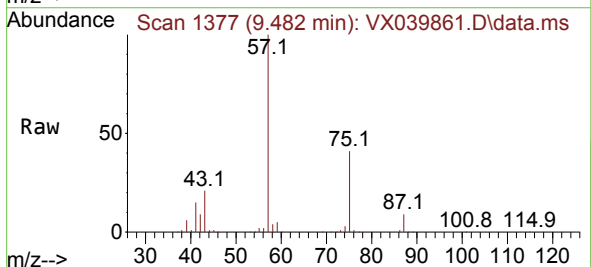
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

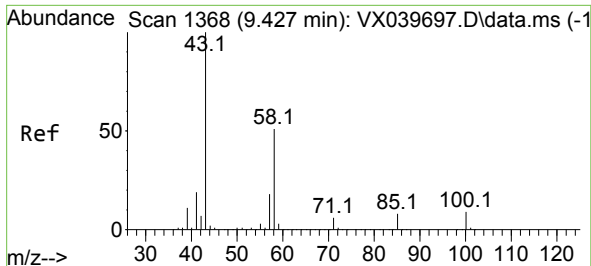
Tgt Ion: 69 Resp: 582
Ion Ratio Lower Upper
69 100
41 6687.1 56.8 85.2#
39 2984.7 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.518 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 76 Resp: 3052
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

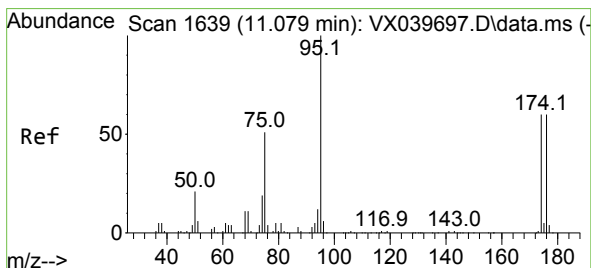
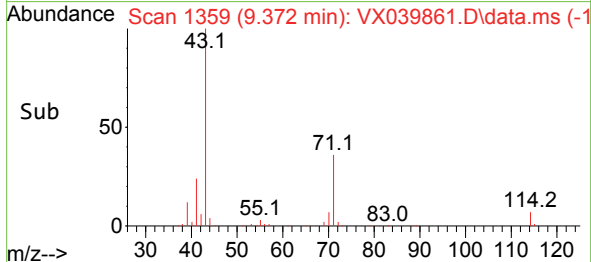
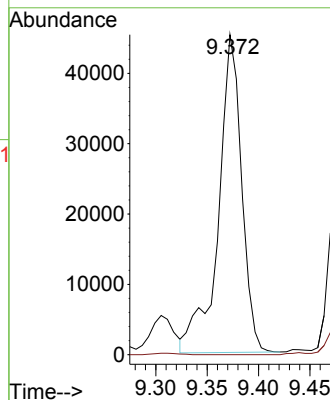
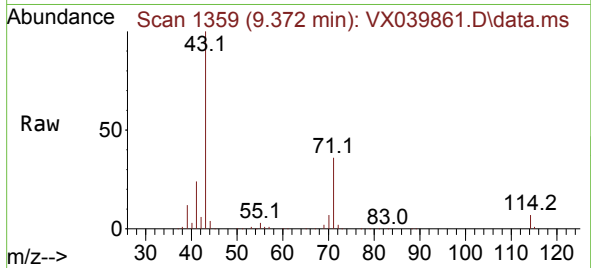




#59
2-Hexanone
Concen: 40.374 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

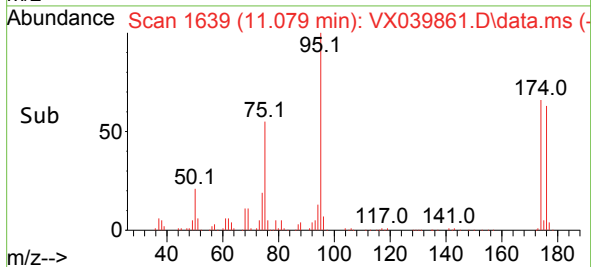
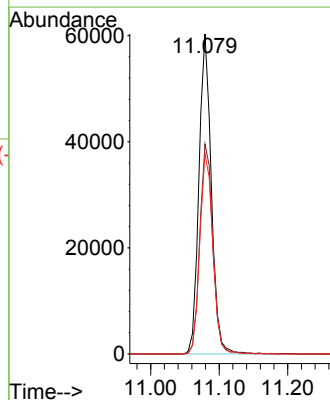
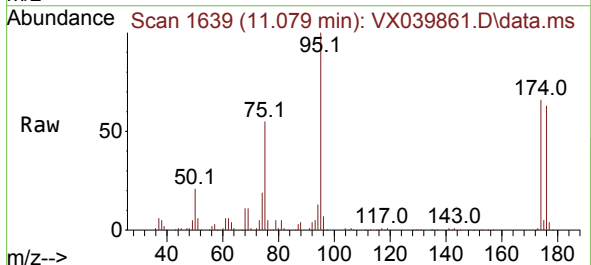
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

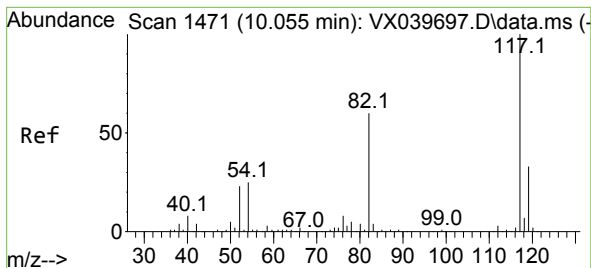
Tgt Ion: 43 Resp: 70965
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 95 Resp: 75948
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 65.9 0.0 131.0

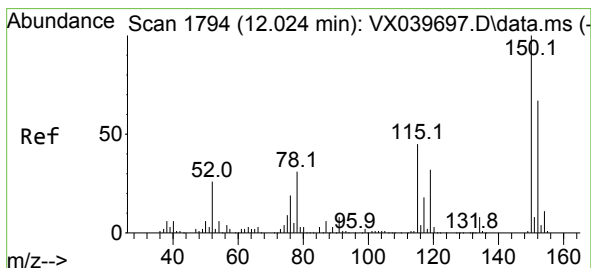
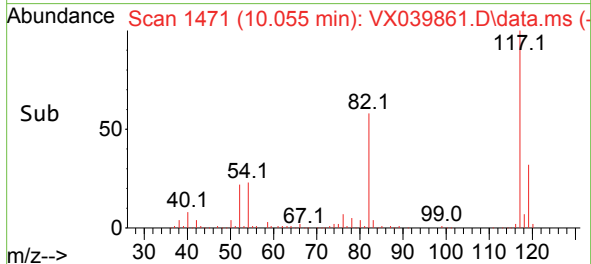
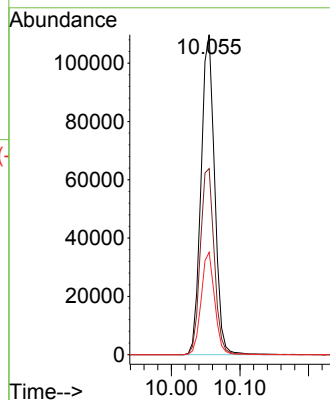
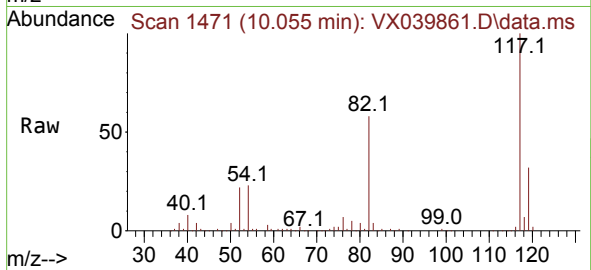




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

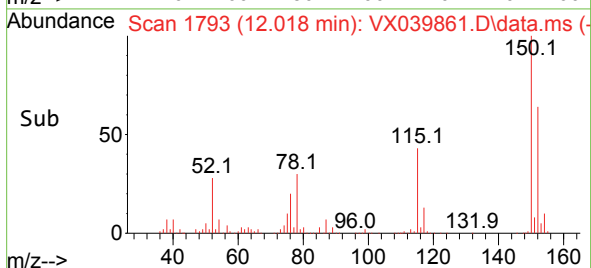
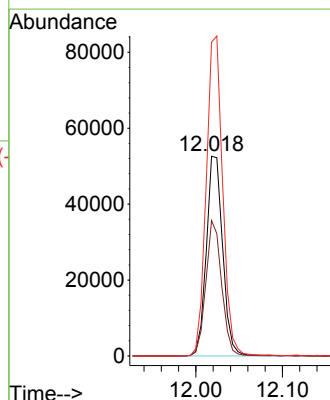
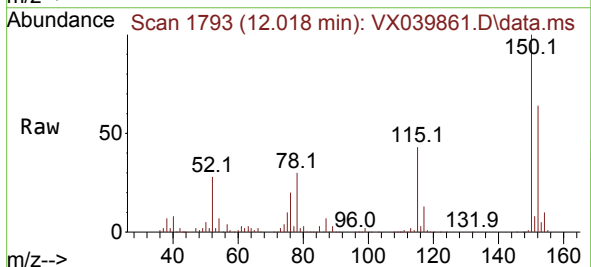
Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

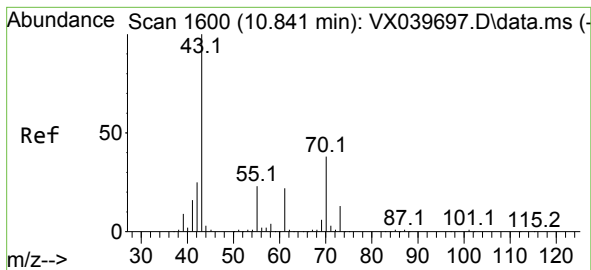
Tgt Ion:117 Resp: 152115
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion:152 Resp: 69062
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 160.9 0.0 345.0





#74

N-amy1 acetate

Concen: 4.886 ug/l

RT: 10.634 min Scan# 1

Delta R.T. -0.207 min

Lab File: VX039861.D

Acq: 20 Jan 2024 00:17

Instrument :

MSVOA_X

ClientSampleId :

PB158526ZHE#04

Tgt Ion: 43 Resp: 14003

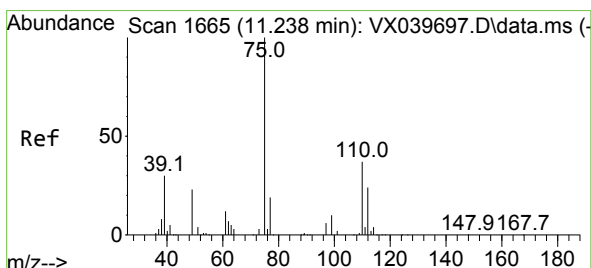
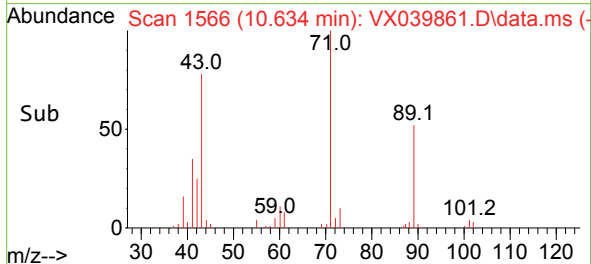
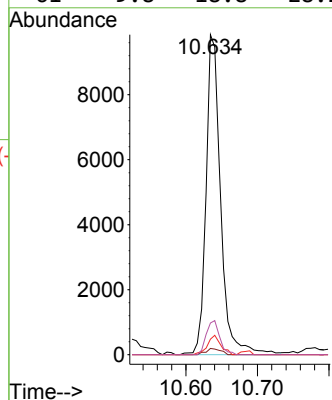
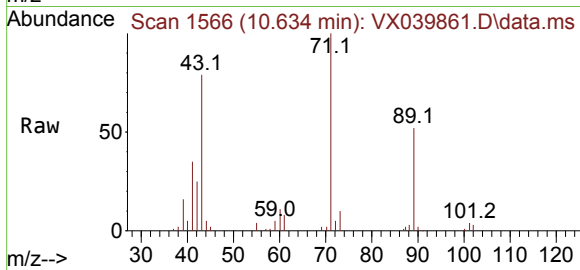
Ion Ratio Lower Upper

43 100

70 2.0 32.9 49.3#

55 5.5 19.3 28.9#

61 9.8 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.050 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039861.D

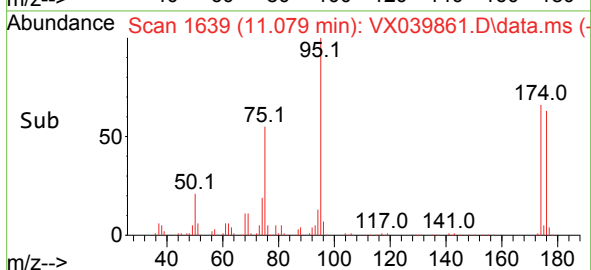
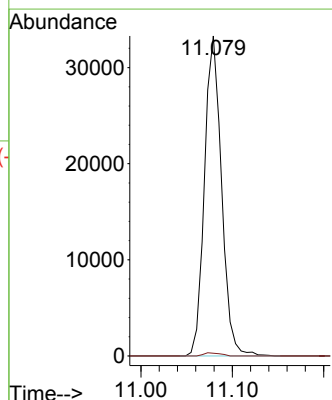
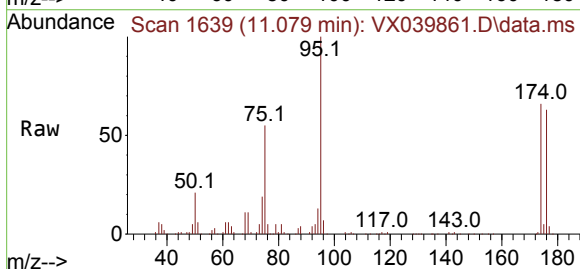
Acq: 20 Jan 2024 00:17

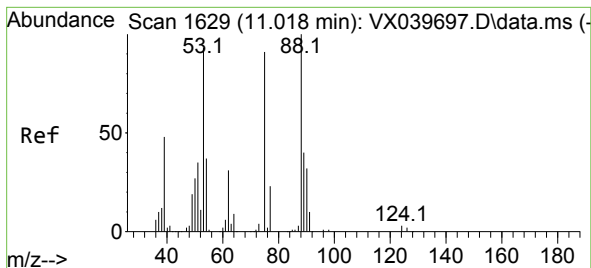
Tgt Ion: 75 Resp: 43062

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

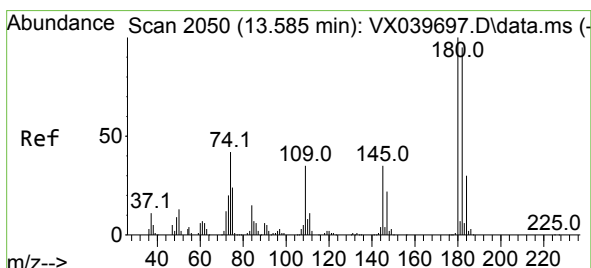
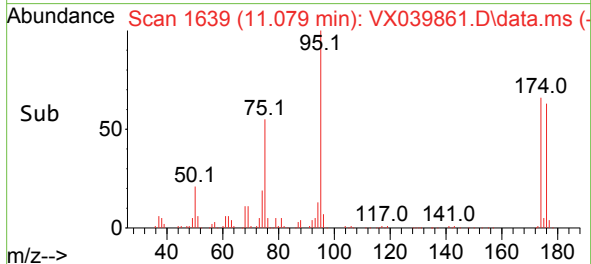
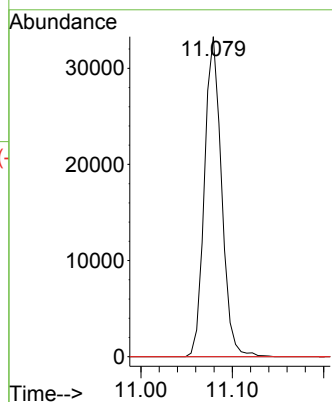
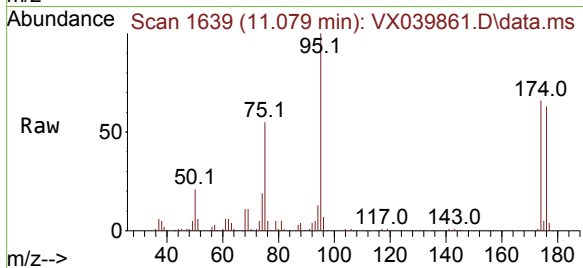




#81
trans-1,4-Dichloro-2-butene
Concen: 69.096 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Instrument :
MSVOA_X
ClientSampleId :
PB158526ZHE#04

Tgt Ion: 75 Resp: 43062
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: 0.386 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX039861.D
Acq: 20 Jan 2024 00:17

Tgt Ion: 180 Resp: 547
Ion Ratio Lower Upper
180 100
182 83.4 48.3 144.8
145 45.3 18.0 54.0

