

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX037999.D
 Acq On : 30 Sep 2023 13:21
 Operator : JC/MD
 Sample : 04652-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 02:10:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

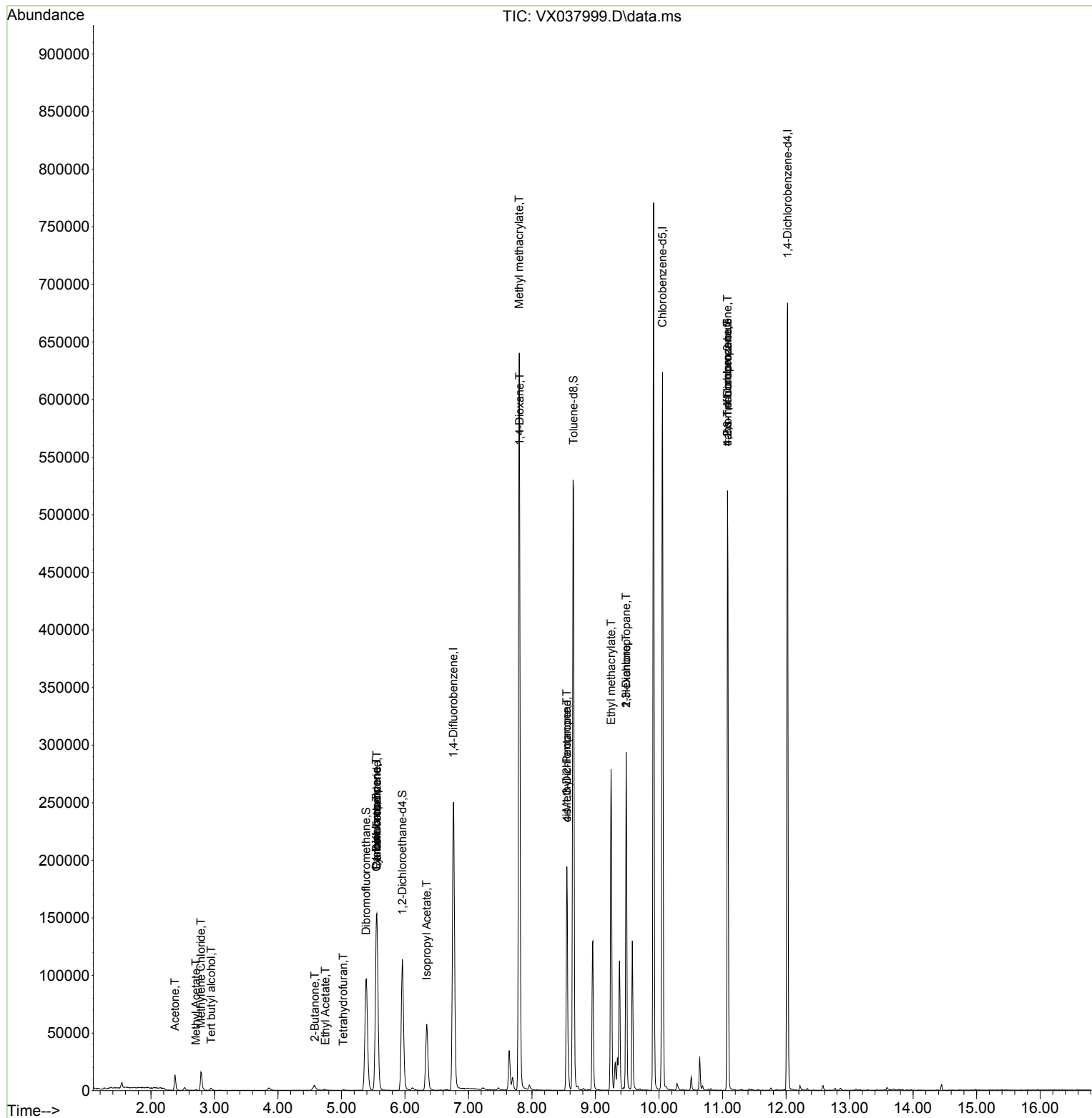
Internal Standards						
1) Pentafluorobenzene	5.556	168	142810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104290	55.583	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.160%			
35) Dibromofluoromethane	5.385	113	82187	49.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.100%			
50) Toluene-d8	8.653	98	317733	51.555	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.120%			
62) 4-Bromofluorobenzene	11.079	95	125860	56.200	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.400%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1275	3.166	ug/l #	78
16) Acetone	2.380	43	13657	15.130	ug/l	92
18) Methyl Acetate	2.709	43	931	0.286	ug/l #	83
20) Methylene Chloride	2.788	84	7402	4.413	ug/l	92
25) 2-Butanone	4.580	43	3697	2.902	ug/l	92
29) Tetrahydrofuran	5.025	42	215	0.271	ug/l #	76
31) Cyclohexane	5.550	56	3601	1.495	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	12369	5.413	ug/l #	50
37) Ethyl Acetate	4.745	43	2195	0.874	ug/l #	69
38) Carbon Tetrachloride	5.556	117	14703	6.150	ug/l #	15
43) Isopropyl Acetate	6.342	43	76471	19.039	ug/l	99
48) Methyl methacrylate	7.799	41	56757	29.560	ug/l #	51
49) 1,4-Dioxane	7.805	88	75	1.490	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	67904	26.646	ug/l #	47
54) cis-1,3-Dichloropropene	8.549	75	29043	10.382	ug/l #	62
56) Ethyl methacrylate	9.244	69	797	0.280	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2412	0.781	ug/l #	42
59) 2-Hexanone	9.482	43	32562	16.411	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	70760	22.599	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70760	72.393	ug/l #	5

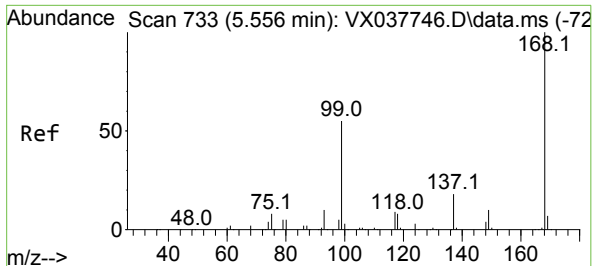
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
Data File : VX037999.D
Acq On : 30 Sep 2023 13:21
Operator : JC/MD
Sample : 04652-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

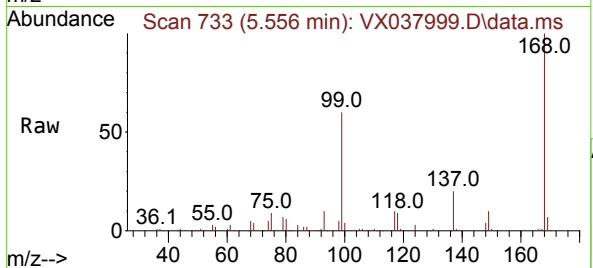
Quant Time: Oct 02 02:10:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



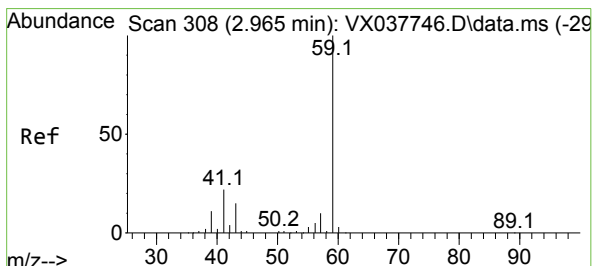
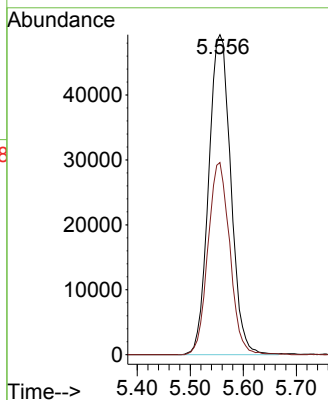
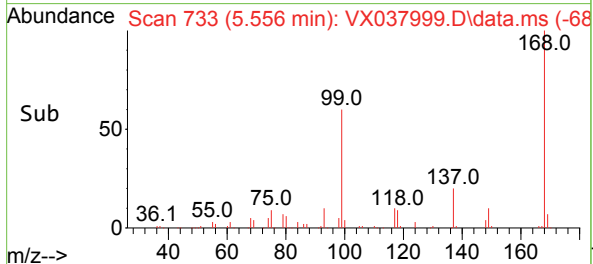


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :

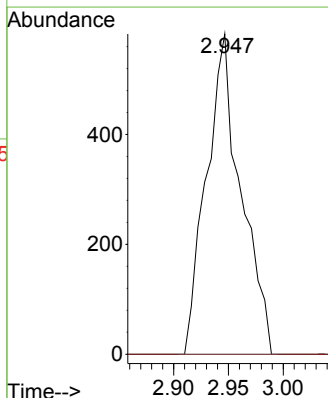
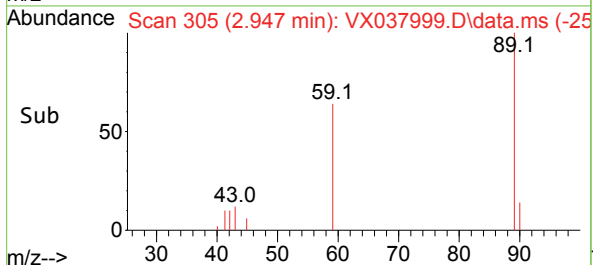
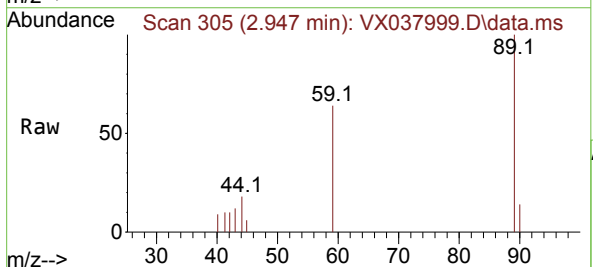


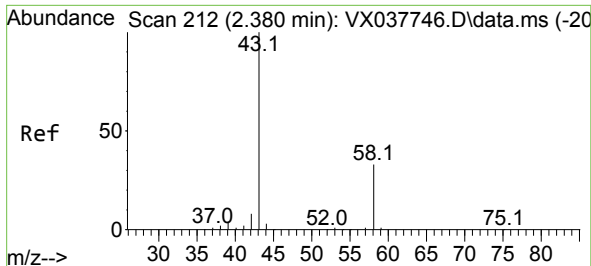
Tgt Ion:168 Resp: 142810
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.166 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

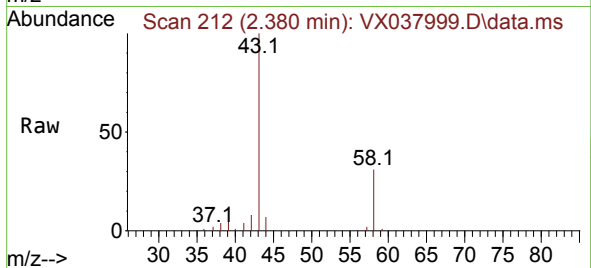
Tgt Ion: 59 Resp: 1275
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



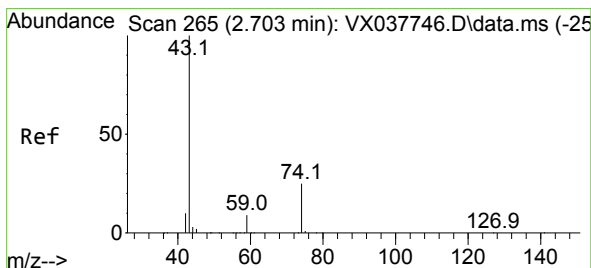
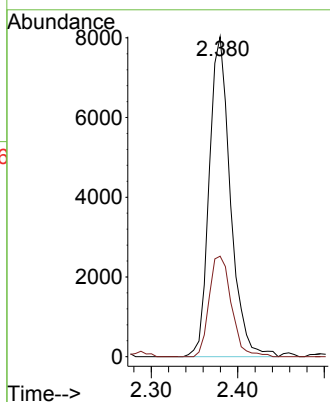
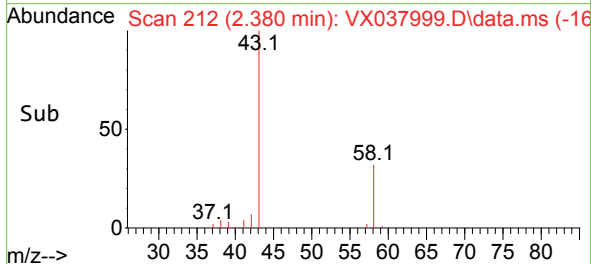


#16
Acetone
Concen: 15.130 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :

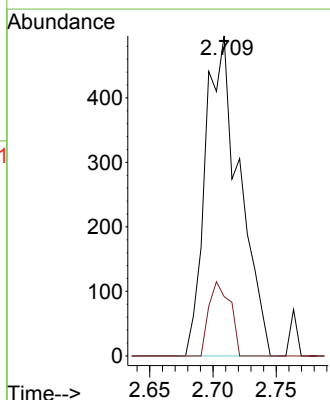
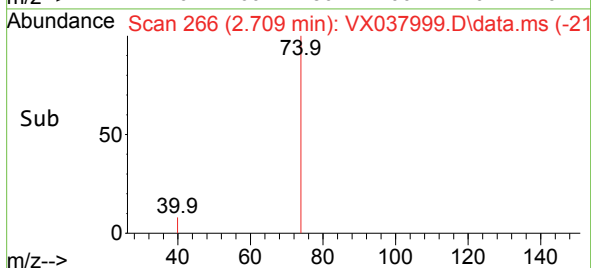
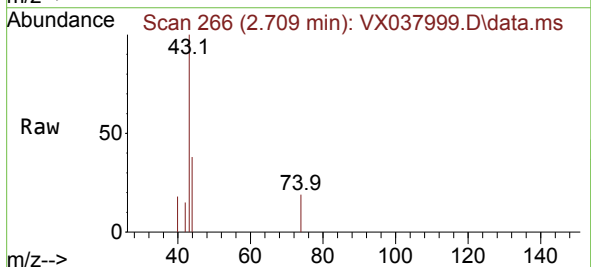


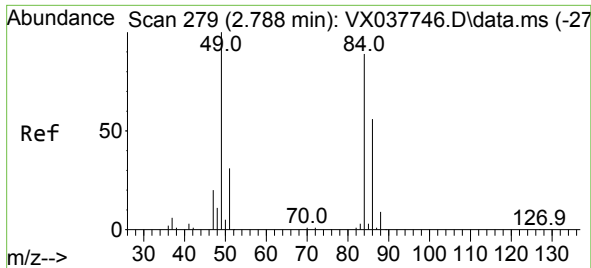
Tgt Ion: 43 Resp: 13657
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

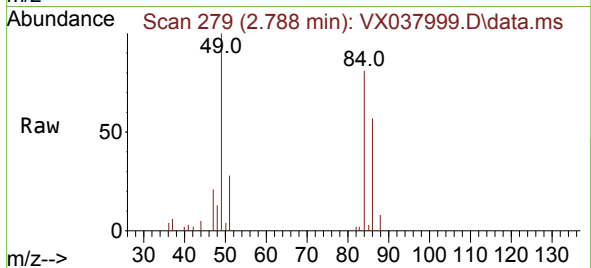
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
74 14.4 17.8 26.8#



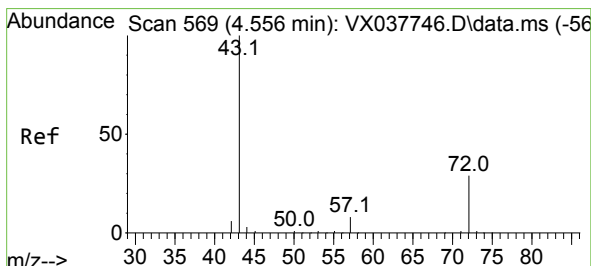
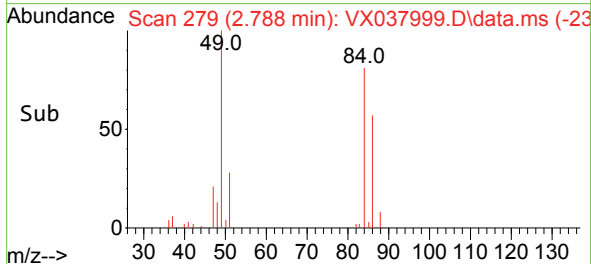
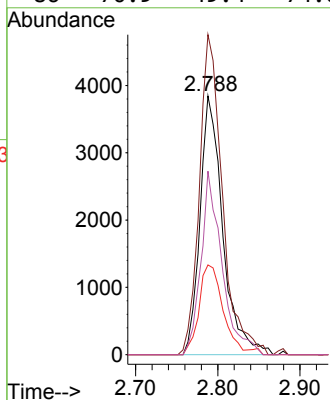


#20
Methylene Chloride
Concen: 4.413 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :

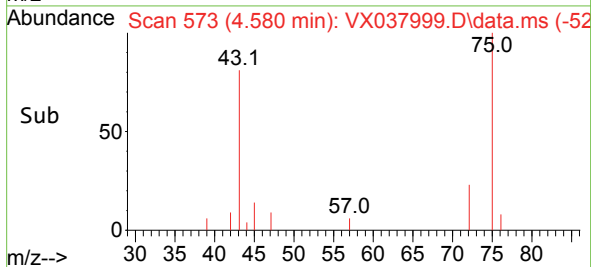
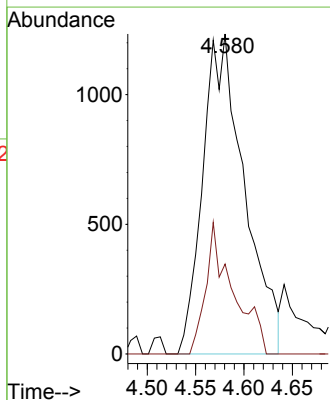
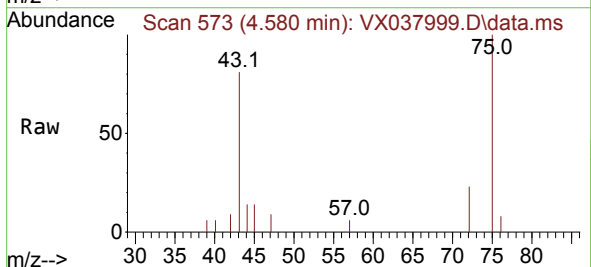


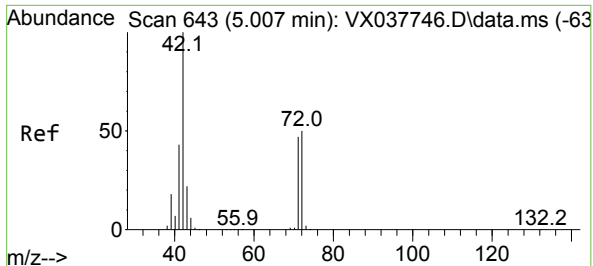
Tgt Ion:	84	Resp:	7402
Ion	Ratio	Lower	Upper
84	100		
49	123.7	103.6	155.4
51	34.7	33.8	50.6
86	70.9	49.4	74.0



#25
2-Butanone
Concen: 2.902 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Tgt Ion:	43	Resp:	3697
Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.271 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

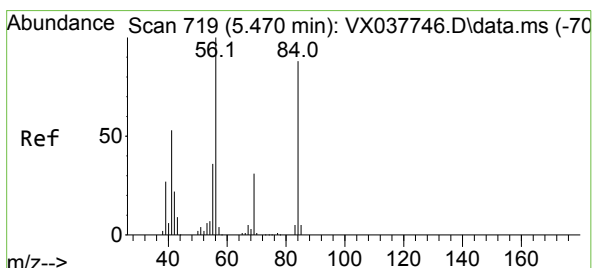
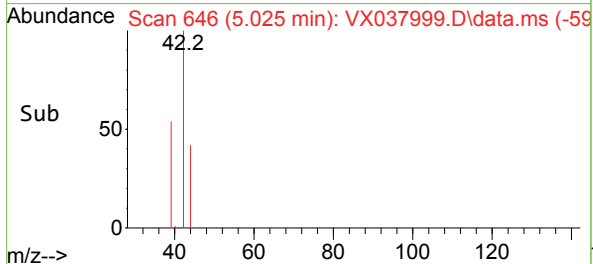
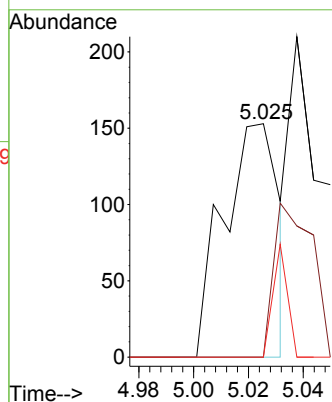
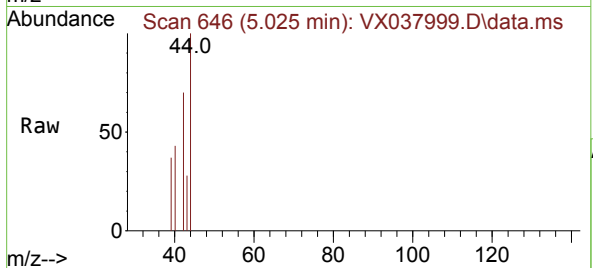
Tgt Ion: 42 Resp: 215

Ion Ratio Lower Upper

42 100

72 45.6 34.2 51.4

71 12.6 32.2 48.2#



#31

Cyclohexane

Concen: 1.495 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

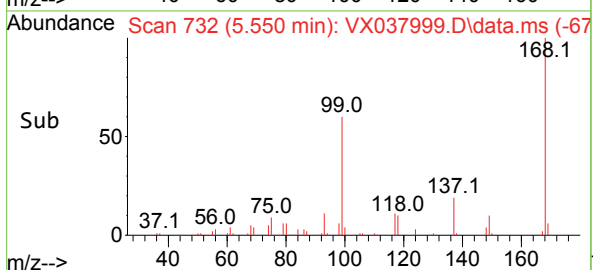
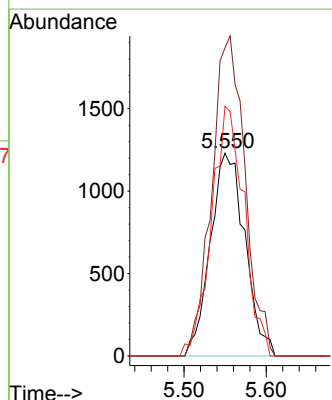
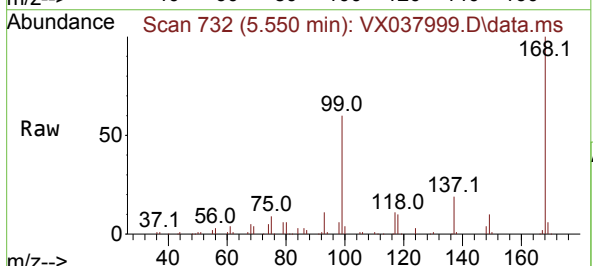
Tgt Ion: 56 Resp: 3601

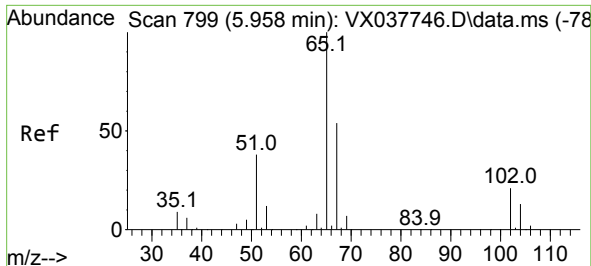
Ion Ratio Lower Upper

56 100

69 151.9 23.4 35.2#

84 123.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 55.583 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

Instrument :

MSVOA_X

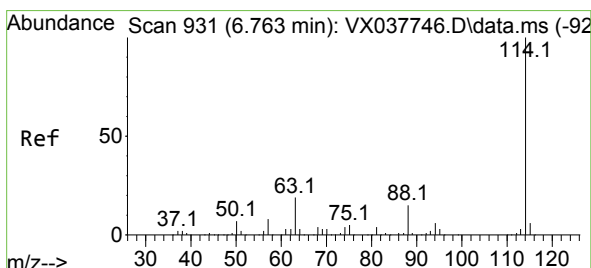
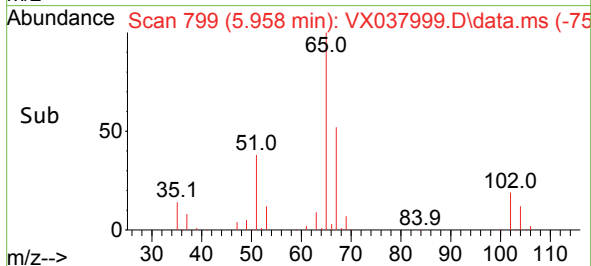
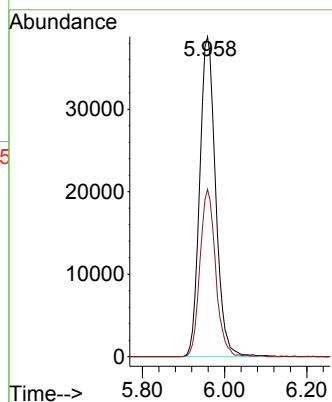
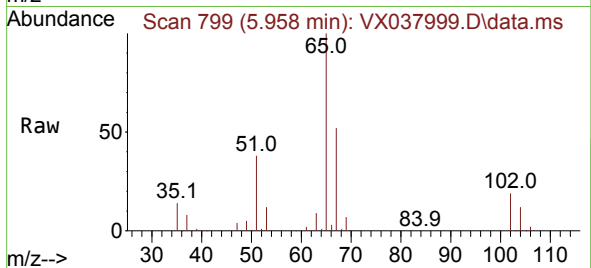
ClientSampleId :

Tgt Ion: 65 Resp: 104290

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

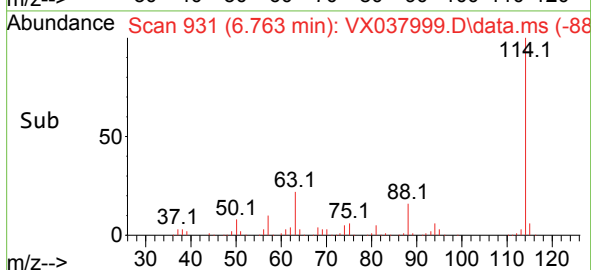
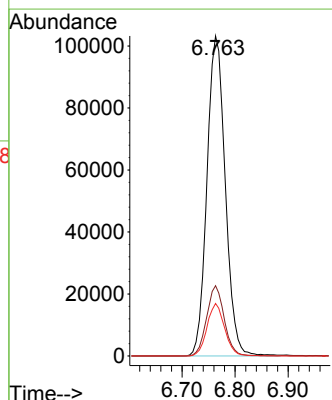
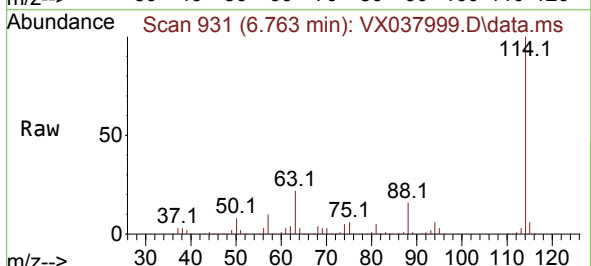
Tgt Ion:114 Resp: 247892

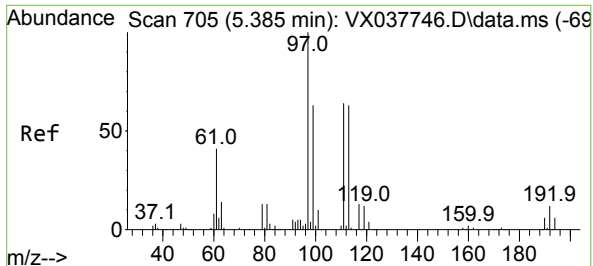
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

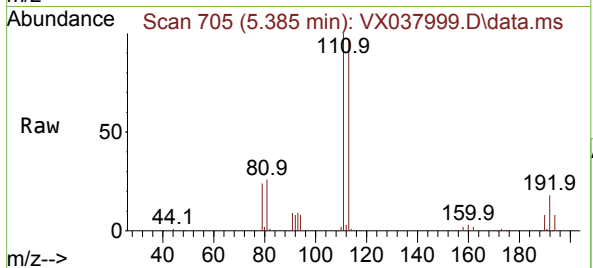
88 16.4 0.0 36.6



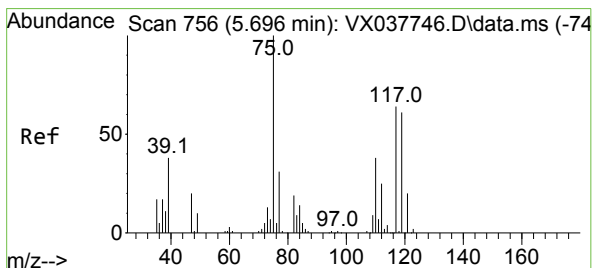
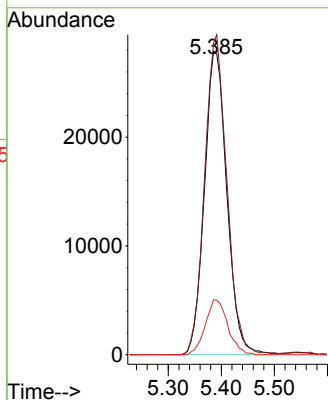
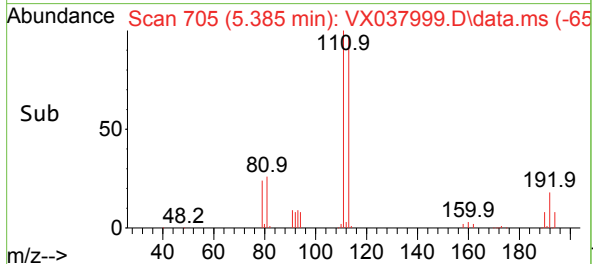


#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :

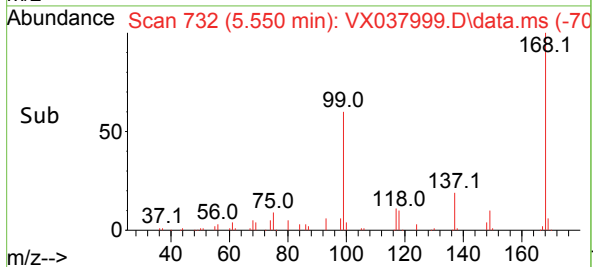
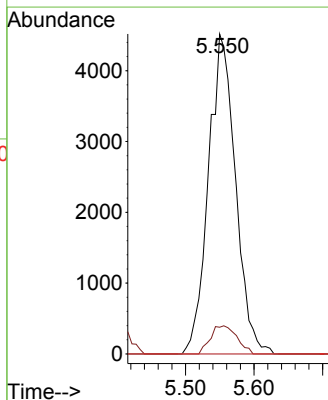
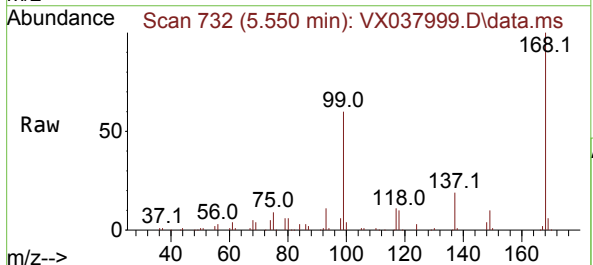


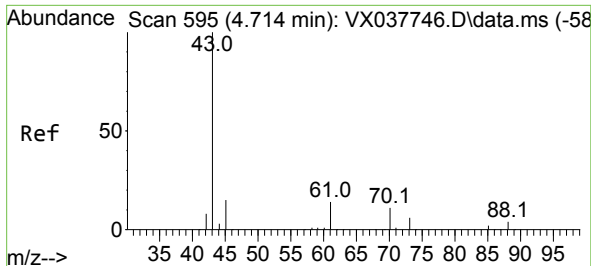
Tgt Ion:113 Resp: 82187
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Tgt Ion: 75 Resp: 12369
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.874 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

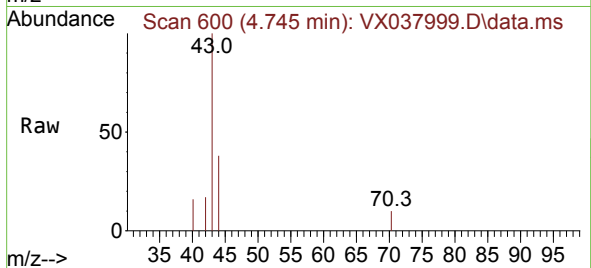
Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

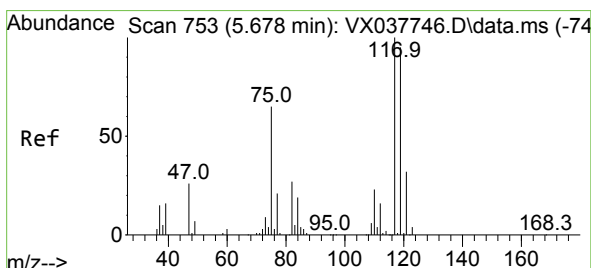
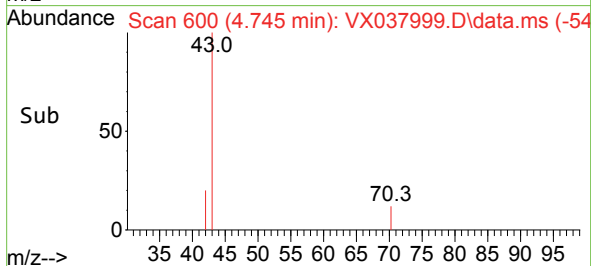
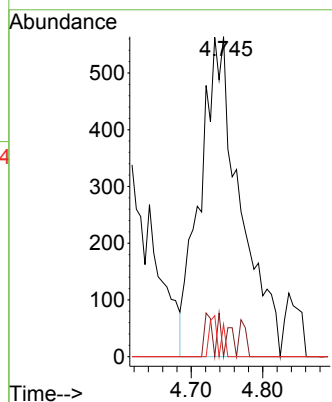
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 2195
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.150 ug/l

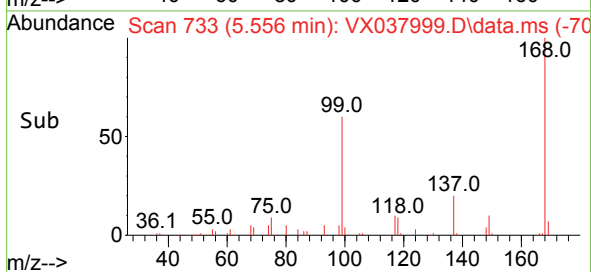
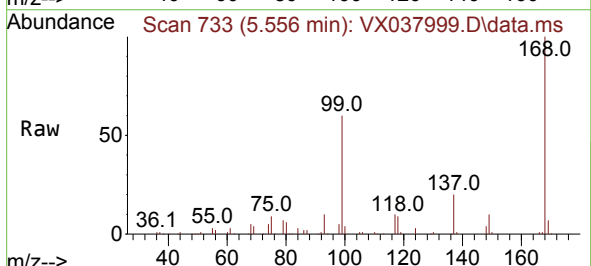
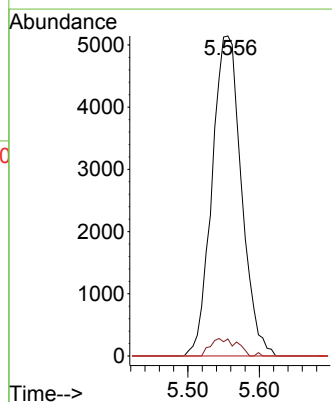
RT: 5.556 min Scan# 733

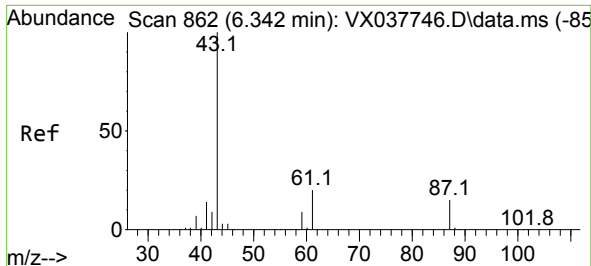
Delta R.T. -0.122 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

Tgt Ion: 117	Resp: 14703
Ion Ratio	Lower Upper
117	100
119	5.3 78.2 117.2#
121	0.0 24.4 36.6#

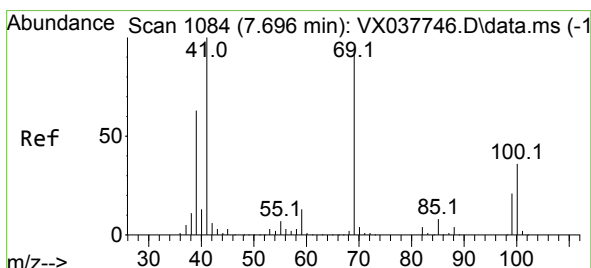
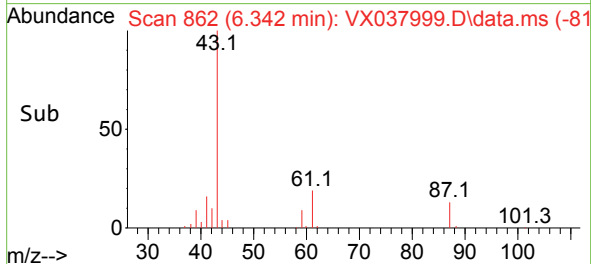
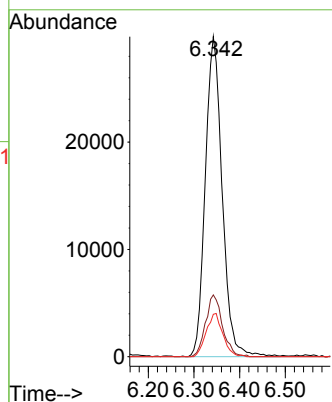
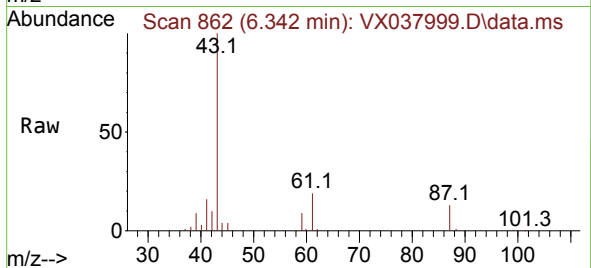




#43
Isopropyl Acetate
Concen: 19.039 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

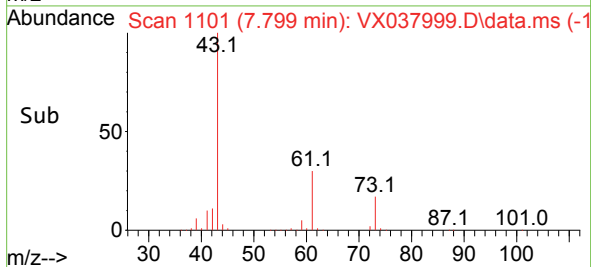
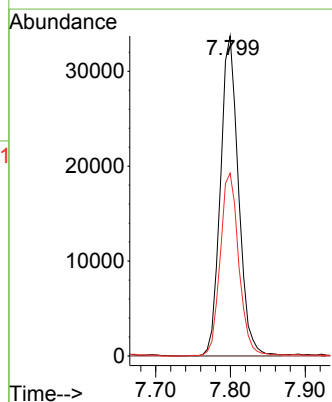
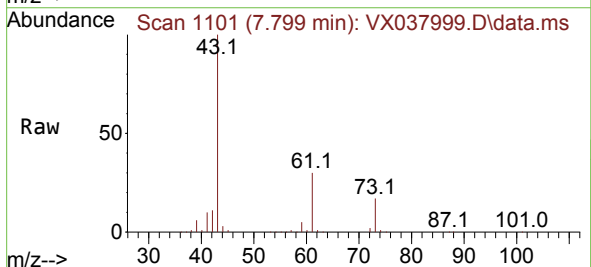
Instrument :
MSVOA_X
ClientSampleId :

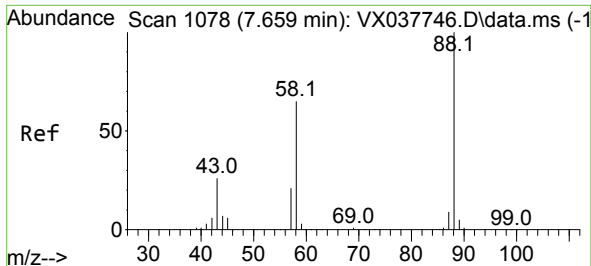
Tgt Ion: 43 Resp: 76471
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 13.3 9.8 14.6



#48
Methyl methacrylate
Concen: 29.560 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.097 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Tgt Ion: 41 Resp: 56757
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1.490 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.134 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

Instrument :

MSVOA_X

ClientSampleId :

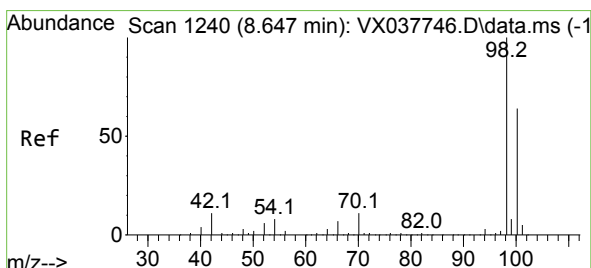
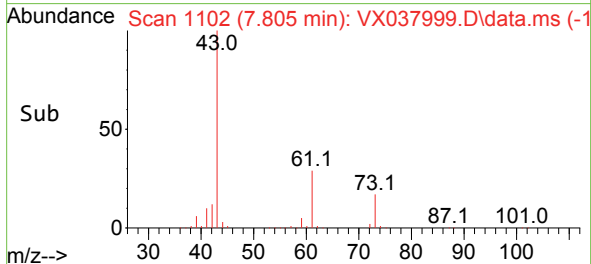
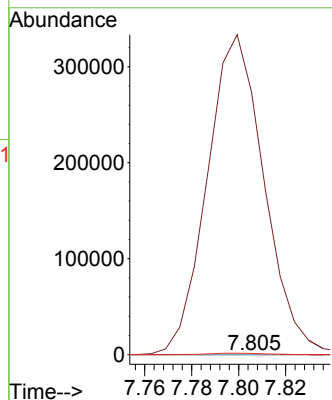
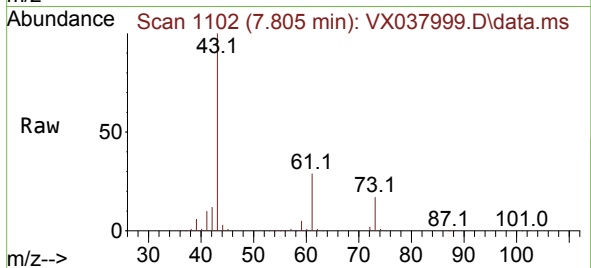
Tgt Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 758069.3 0.0 0.0#

58 3664.0 60.1 90.1#



#50

Toluene-d8

Concen: 51.555 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037999.D

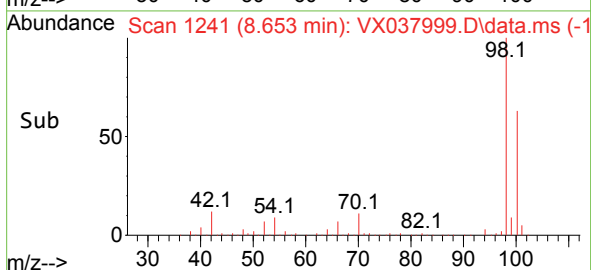
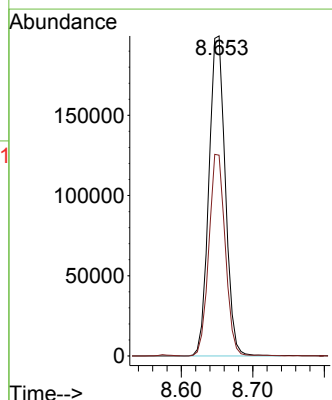
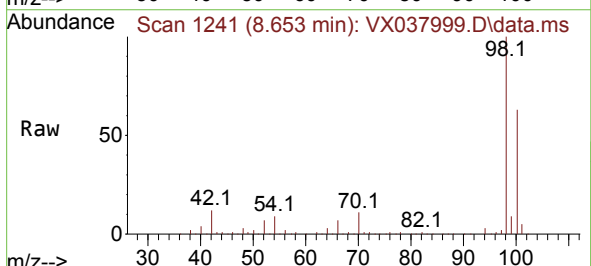
Acq: 30 Sep 2023 13:21

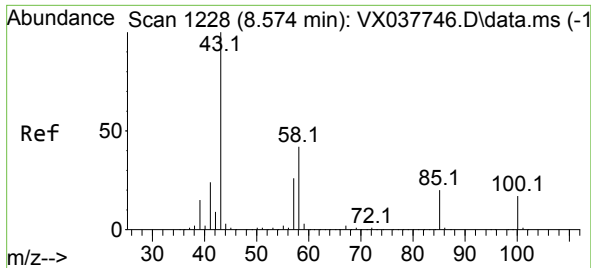
Tgt Ion: 98 Resp: 317733

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

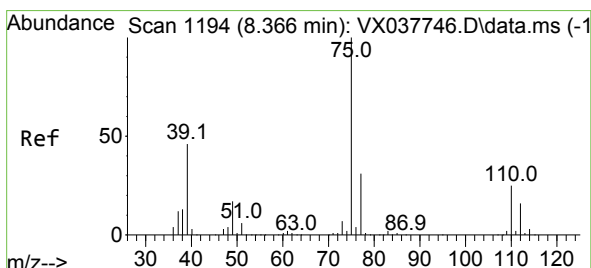
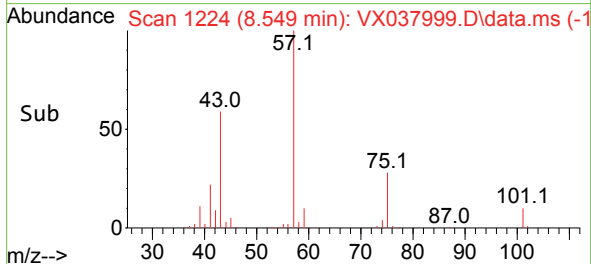
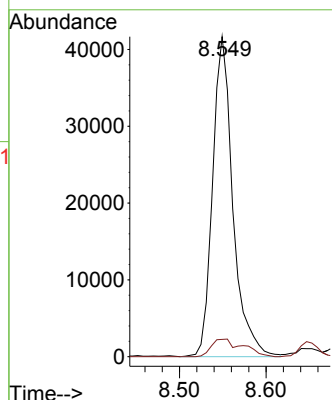
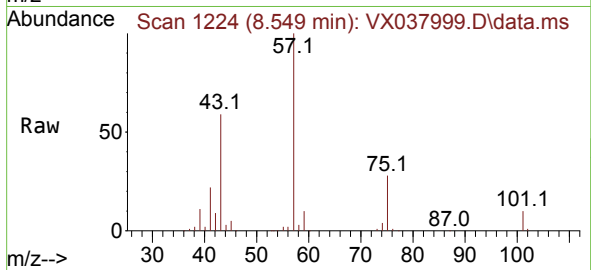




#51
4-Methyl-2-Pentanone
Concen: 26.646 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

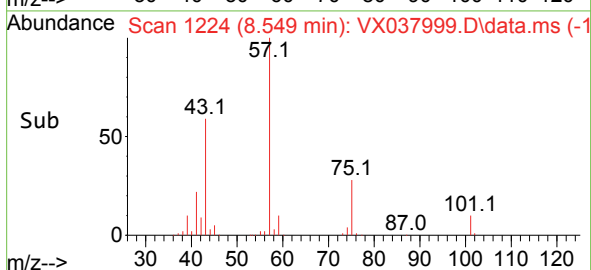
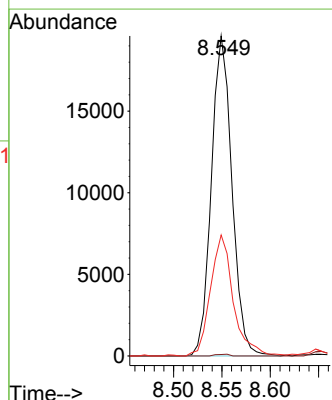
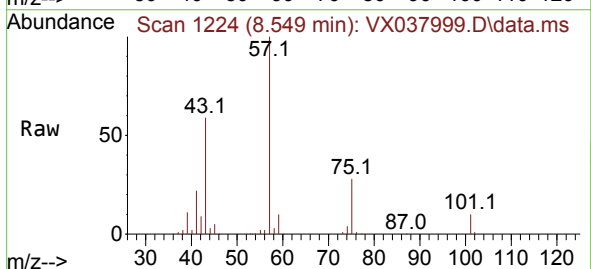
Instrument :
MSVOA_X
ClientSampleId :

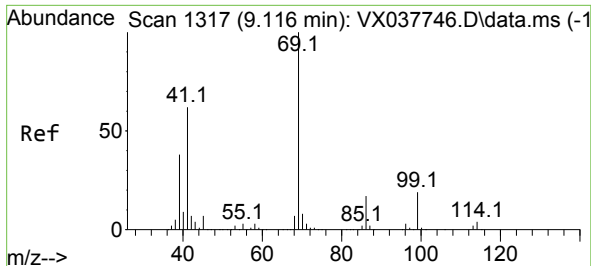
Tgt Ion: 43 Resp: 67904
Ion Ratio Lower Upper
43 100
58 6.1 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 10.382 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

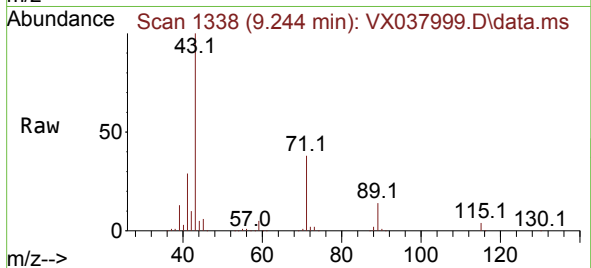
Tgt Ion: 75 Resp: 29043
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 37.8 46.7 70.1#



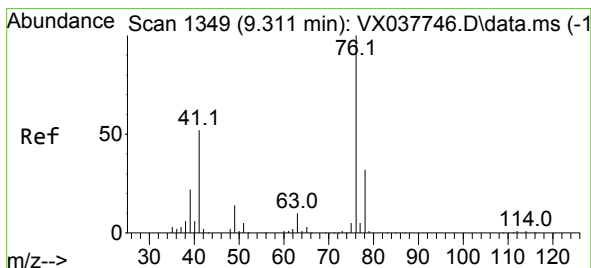
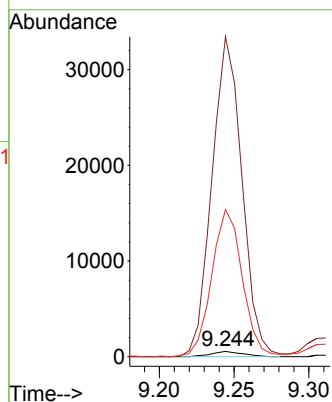
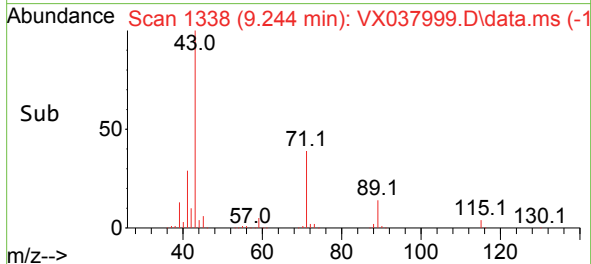


#56
Ethyl methacrylate
Concen: 0.280 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :

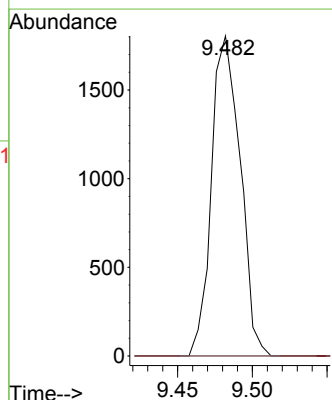
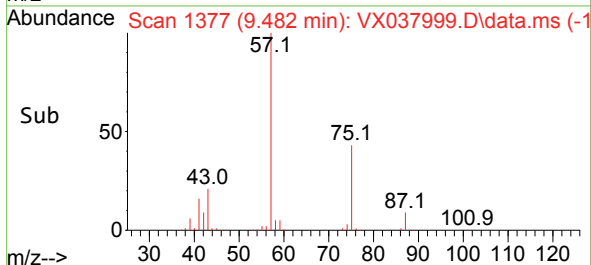
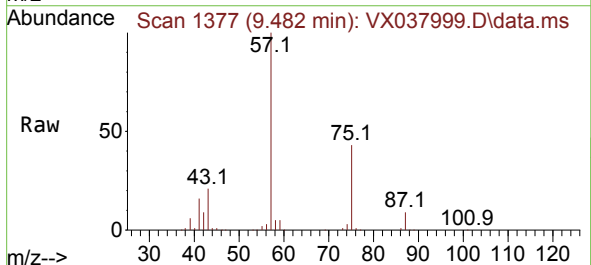


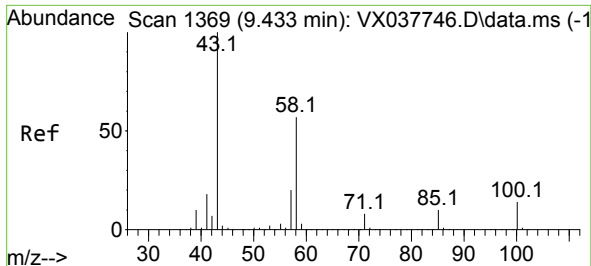
Tgt Ion: 69 Resp: 797
Ion Ratio Lower Upper
69 100
41 5879.8 56.8 85.2#
39 2743.3 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.781 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Tgt Ion: 76 Resp: 2412
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

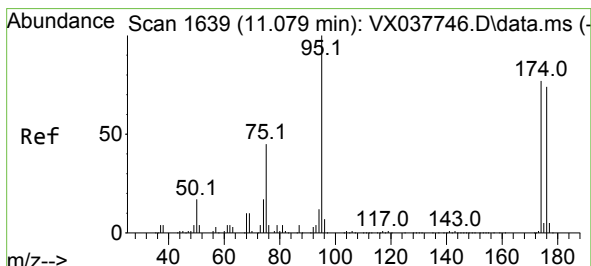
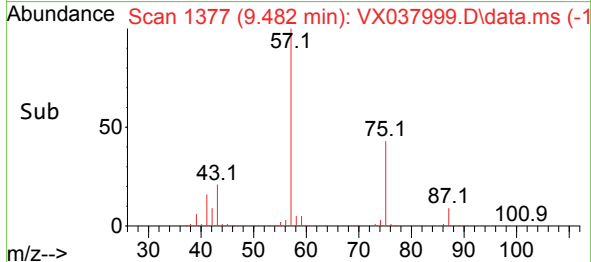
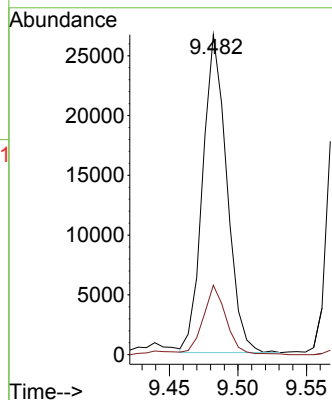
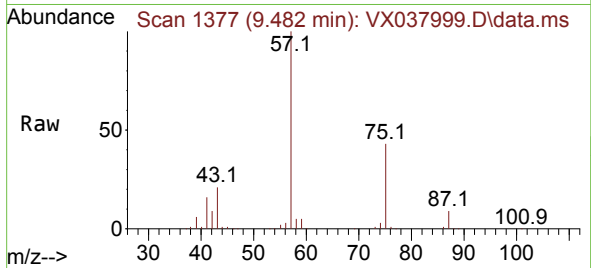




#59
2-Hexanone
Concen: 16.411 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

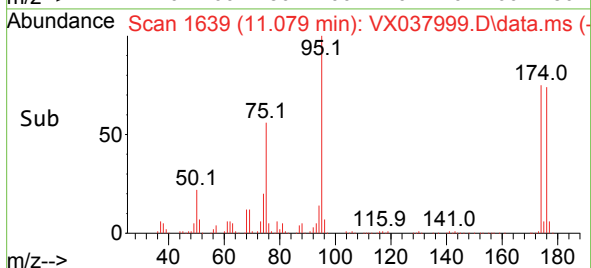
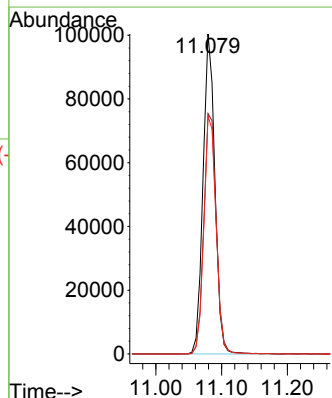
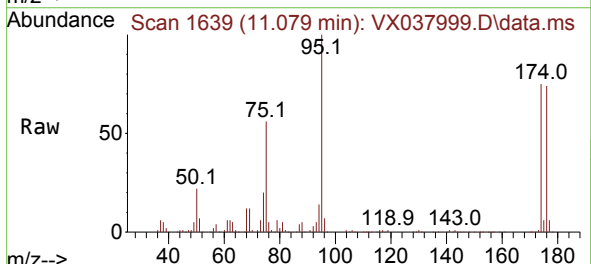
Instrument :
MSVOA_X
ClientSampleId :

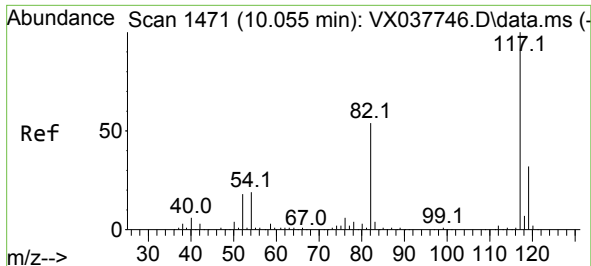
Tgt Ion: 43 Resp: 32562
Ion Ratio Lower Upper
43 100
58 20.8 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 56.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

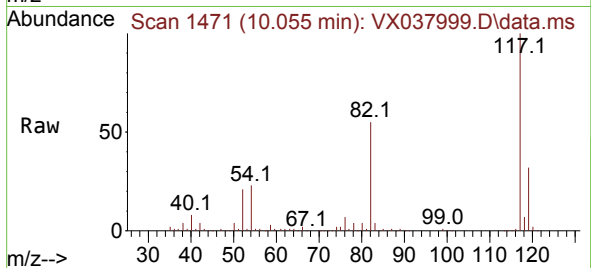
Tgt Ion: 95 Resp: 125860
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 76.4 0.0 131.0



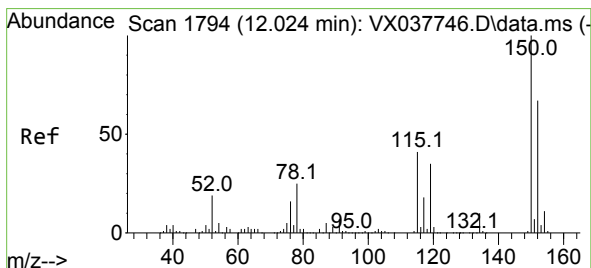
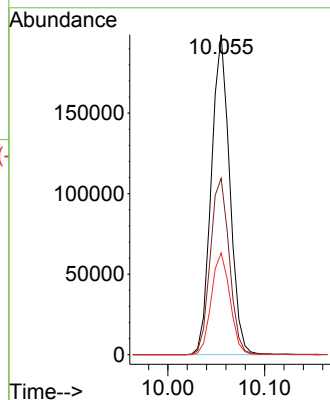
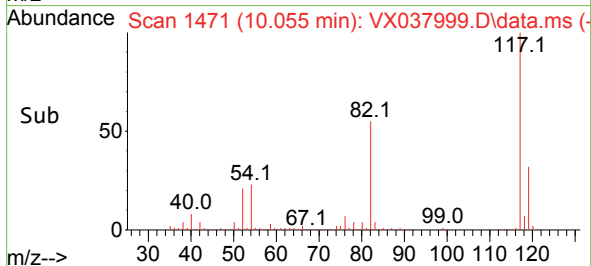


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Instrument :
MSVOA_X
ClientSampleId :

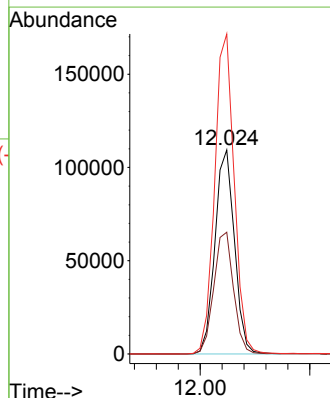
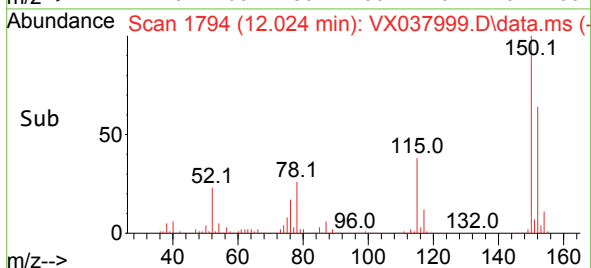
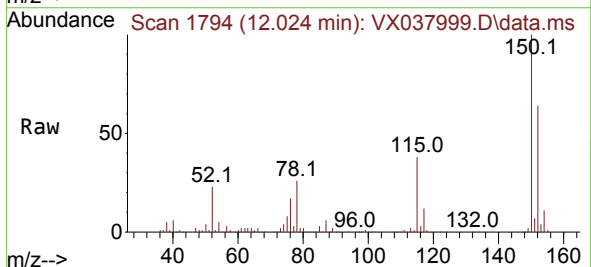


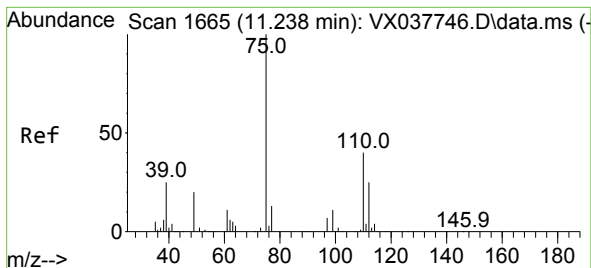
Tgt Ion:117 Resp: 261438
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037999.D
Acq: 30 Sep 2023 13:21

Tgt Ion:152 Resp: 135375
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

Instrument :

MSVOA_X

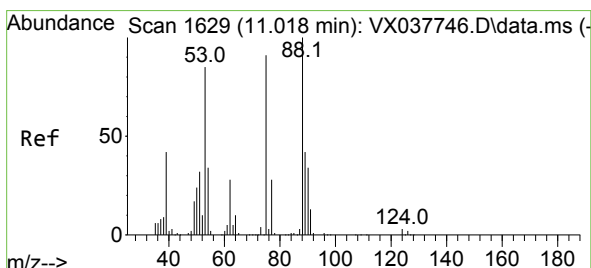
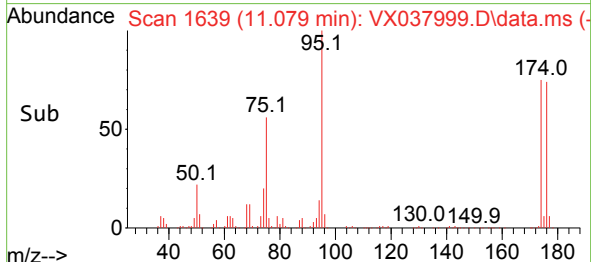
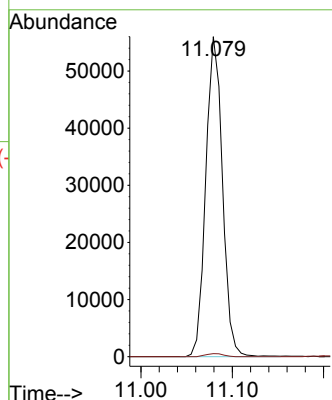
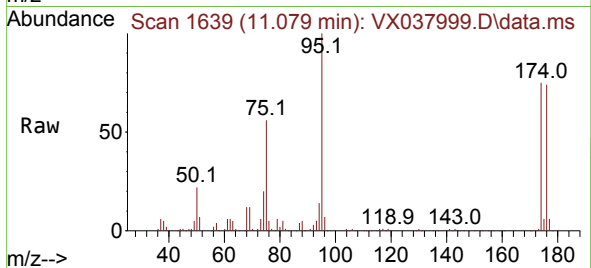
ClientSampleId :

Tgt Ion: 75 Resp: 70760

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037999.D

Acq: 30 Sep 2023 13:21

Tgt Ion: 75 Resp: 70760

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

