

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038591.D
 Acq On : 27 Oct 2023 10:28
 Operator : JC/MD
 Sample : VX1027WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:26:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

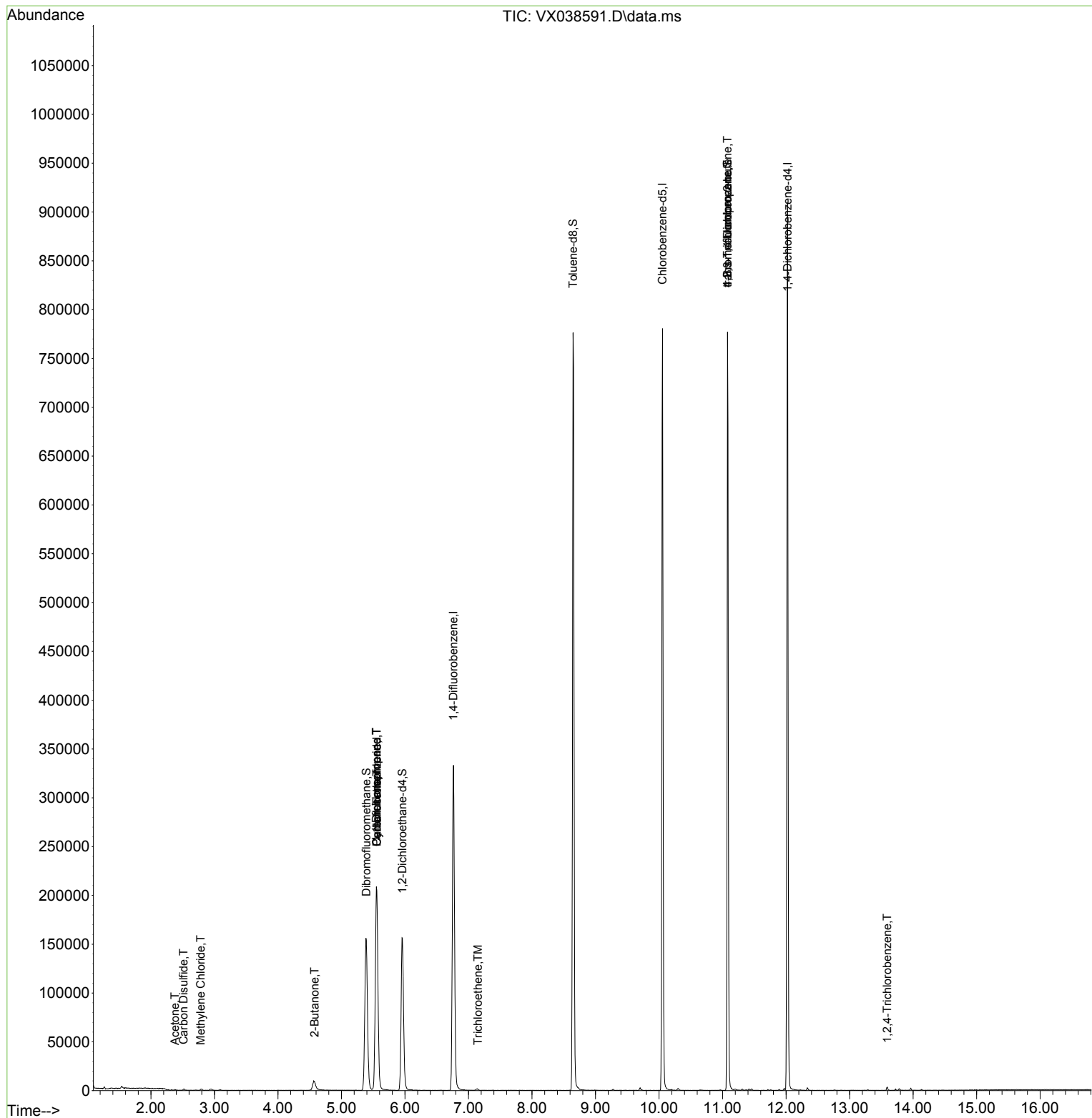
Internal Standards						
1) Pentafluorobenzene	5.556	168	211478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	354857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151394	44.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.020%			
35) Dibromofluoromethane	5.391	113	136663	53.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	8.647	98	492865	50.443	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.880%			
62) 4-Bromofluorobenzene	11.079	95	197769	53.390	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.780%			
Target Compounds						
						Qvalue
5) Bromomethane	1.581	94	26	Below Cal	#	3
6) Chloroethane	1.691	64	106	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	1036	Below Cal	#	78
16) Acetone	2.379	43	543	0.382	ug/l #	83
17) Carbon Disulfide	2.514	76	1363	0.244	ug/l #	93
20) Methylene Chloride	2.782	84	751	0.281	ug/l #	79
25) 2-Butanone	4.574	43	595	0.260	ug/l #	51
31) Cyclohexane	5.556	56	4129	1.120	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15210	4.314	ug/l #	50
38) Carbon Tetrachloride	5.556	117	20355	5.868	ug/l #	15
44) Trichloroethene	7.147	130	844	0.327	ug/l	62
76) 1,2,3-Trichloropropane	11.079	75	100291	21.990	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	100291	63.062	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1261	0.296	ug/l	95

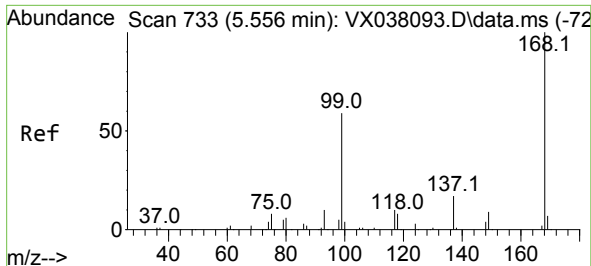
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
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MSVOA_X
ClientSampleId :

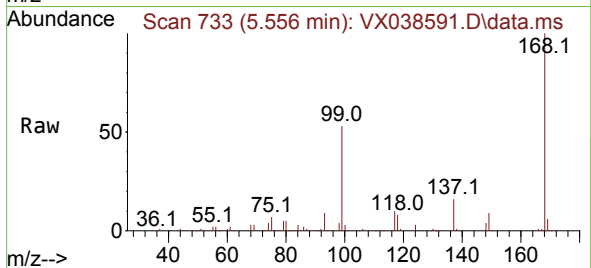
Quant Time: Oct 30 01:26:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



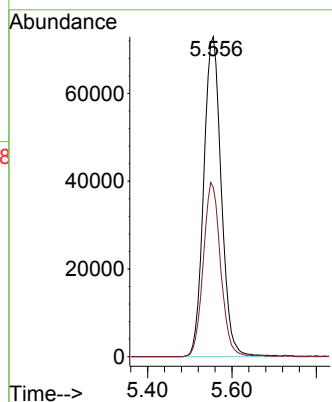
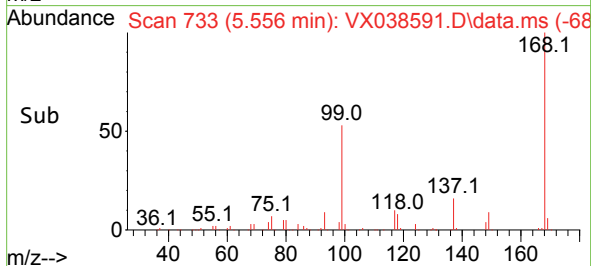


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :

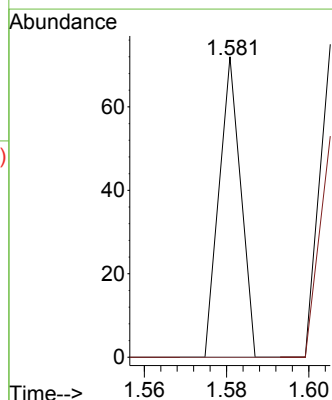
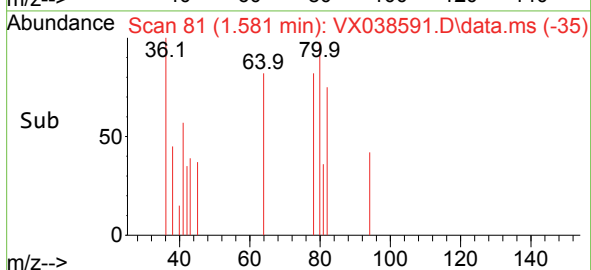
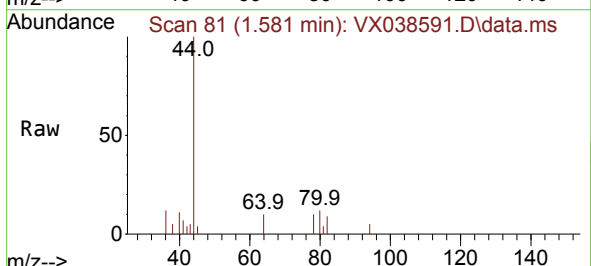


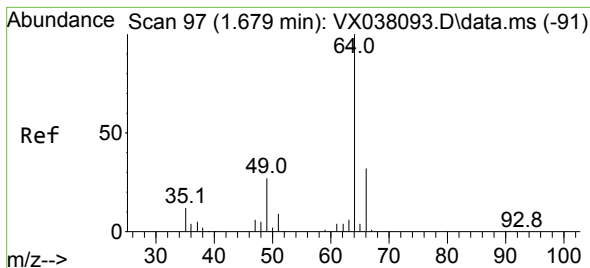
Tgt Ion:168 Resp: 211478
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX038591.D

Acq: 27 Oct 2023 10:28

Instrument :

MSVOA_X

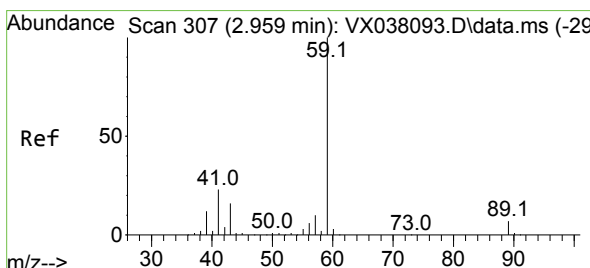
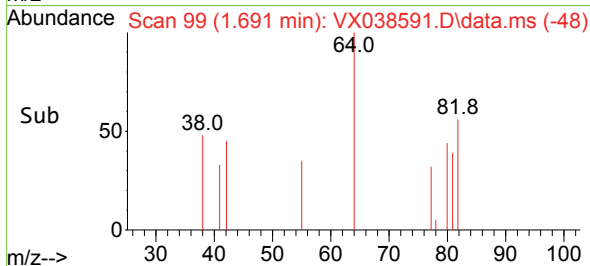
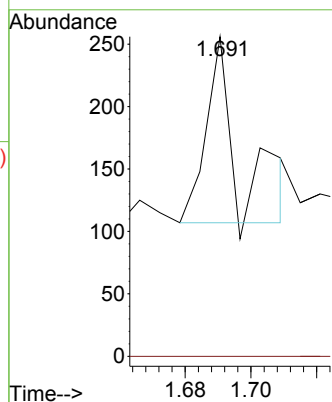
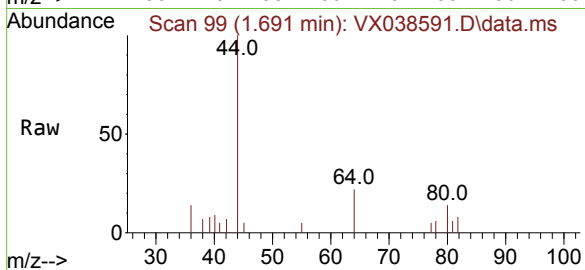
ClientSampleId :

Tgt Ion: 64 Resp: 106

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.013 min

Lab File: VX038591.D

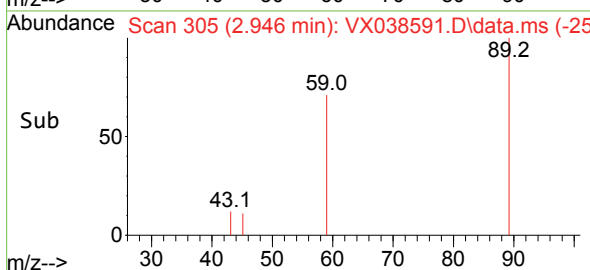
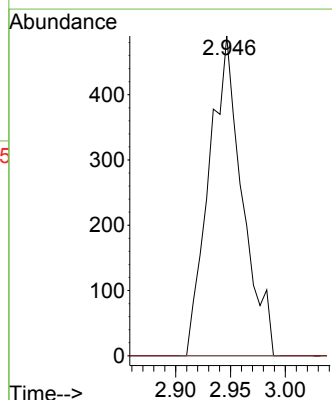
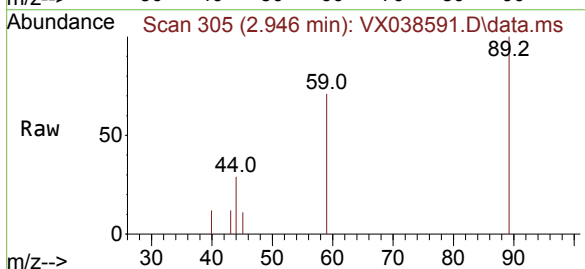
Acq: 27 Oct 2023 10:28

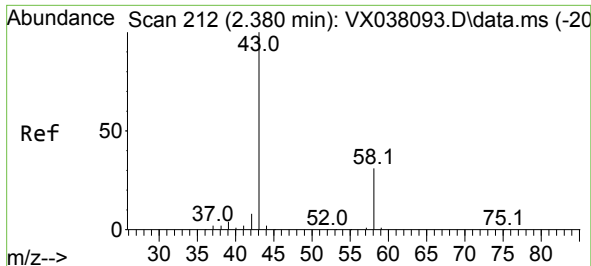
Tgt Ion: 59 Resp: 1036

Ion Ratio Lower Upper

59 100

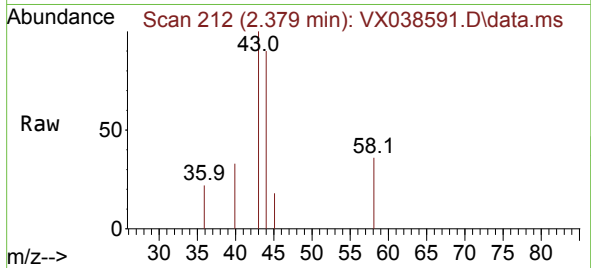
57 0.0 6.0 9.0#



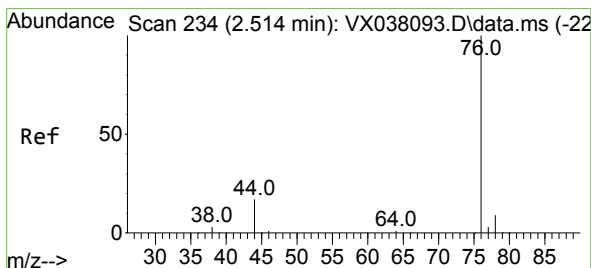
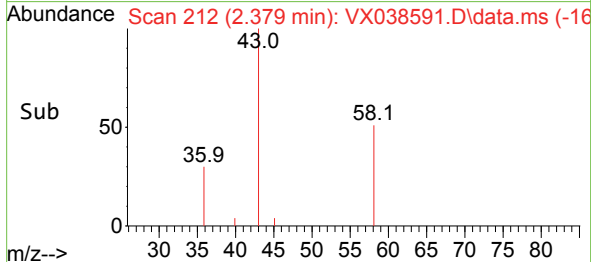
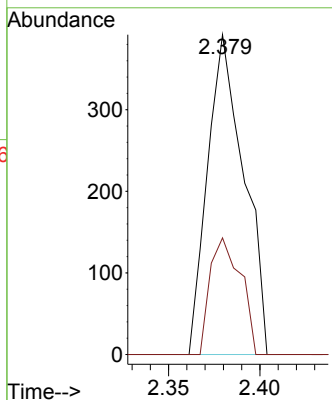


#16
Acetone
Concen: 0.382 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :

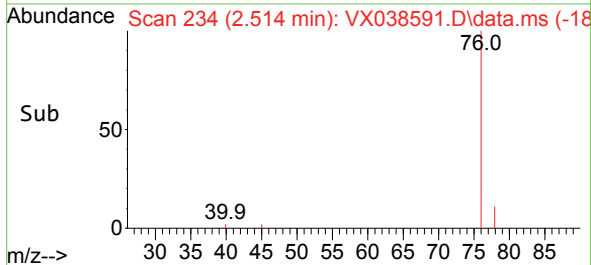
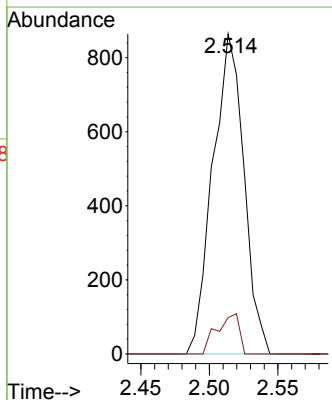
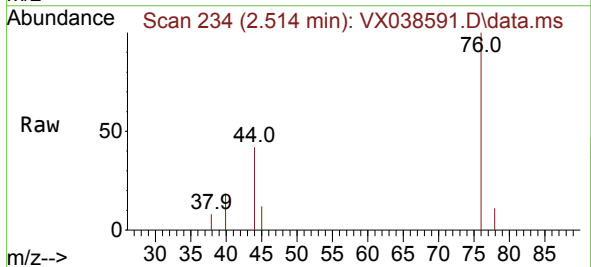


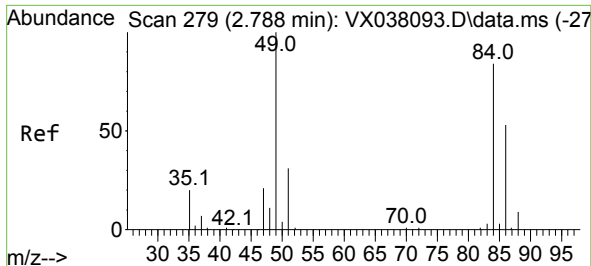
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

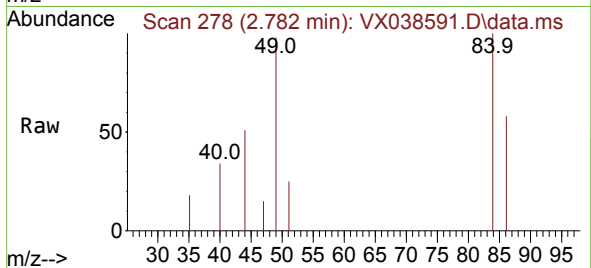
Tgt Ion: 76 Resp: 1363
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#



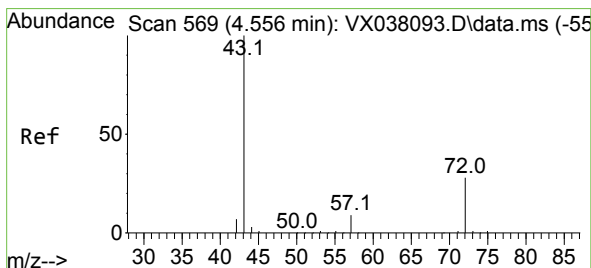
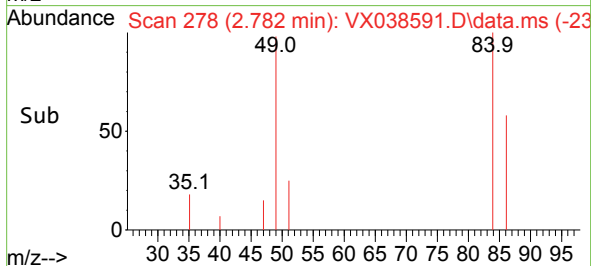
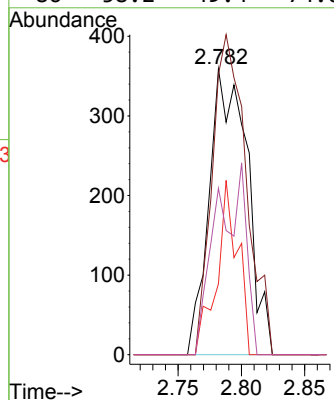


#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :

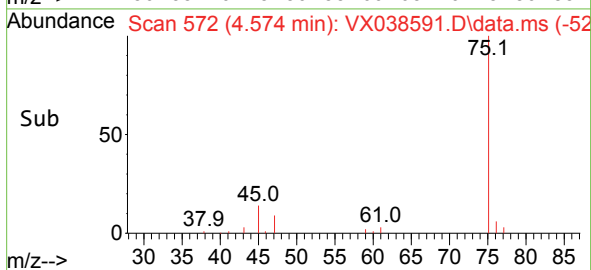
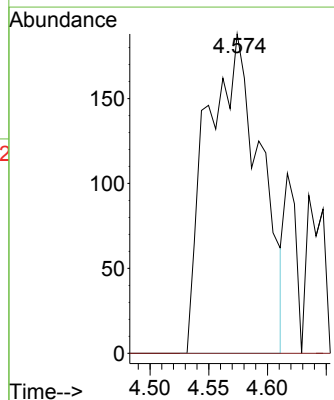
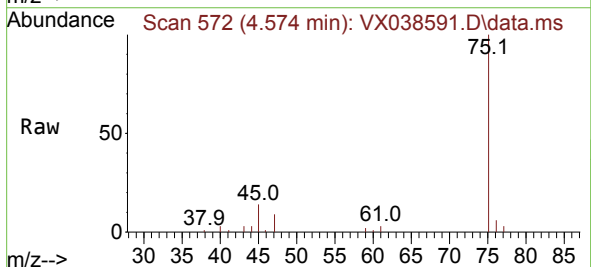


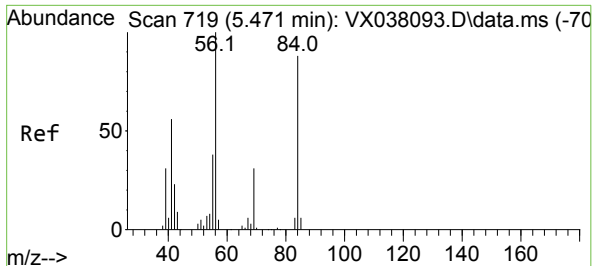
Tgt Ion: 84	Resp: 751
Ion Ratio	Lower Upper
84 100	
49 98.1	103.6 155.4#
51 24.8	33.8 50.6#
86 58.2	49.4 74.0



#25
2-Butanone
Concen: 0.260 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

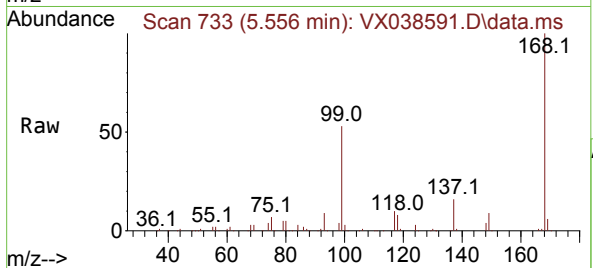
Tgt Ion: 43	Resp: 595		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	



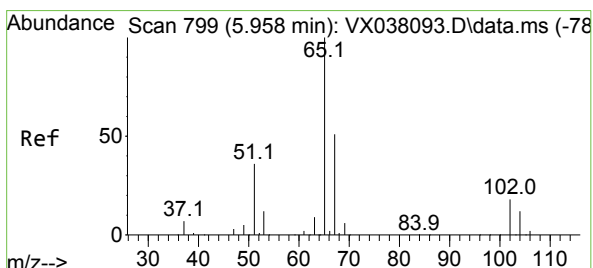
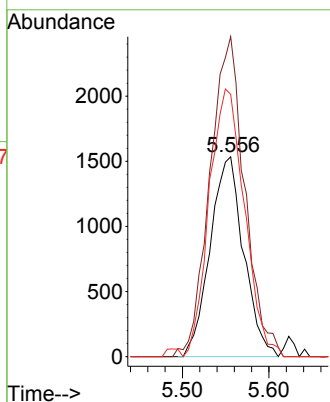
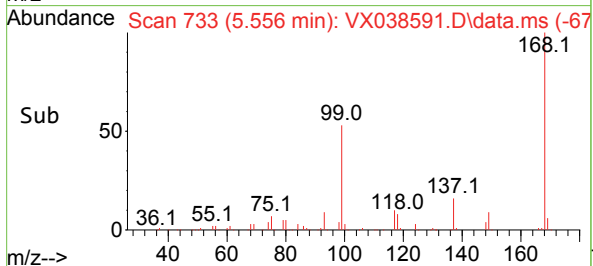


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :

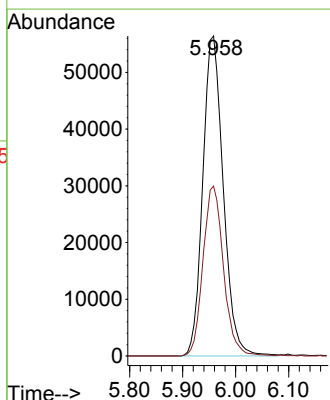
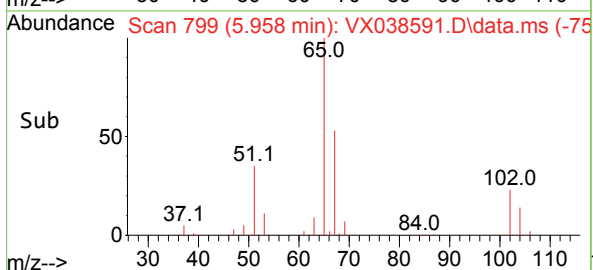
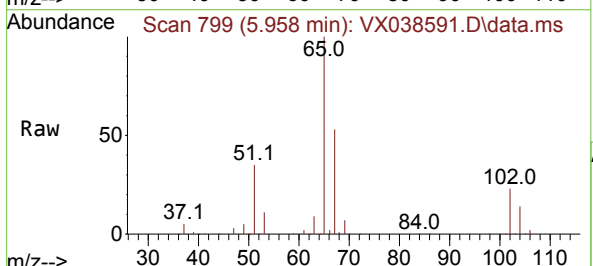


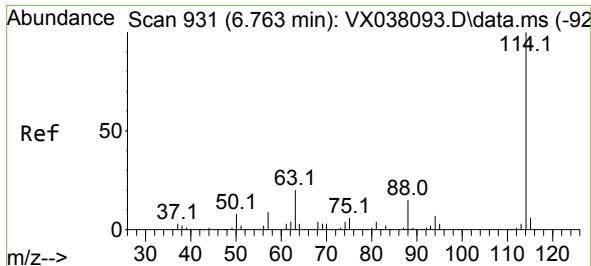
Tgt Ion: 56 Resp: 4129
Ion Ratio Lower Upper
56 100
69 156.1 23.4 35.2#
84 127.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.508 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Tgt Ion: 65 Resp: 151394
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

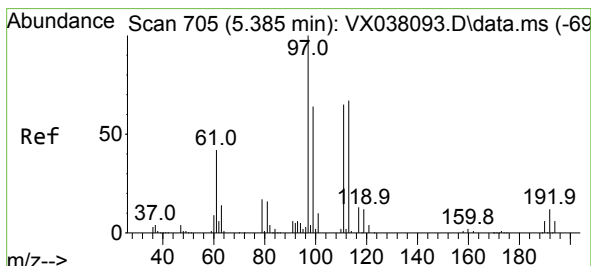
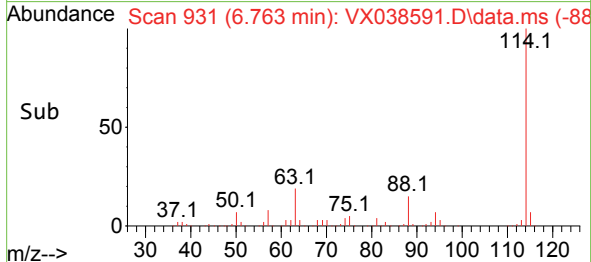
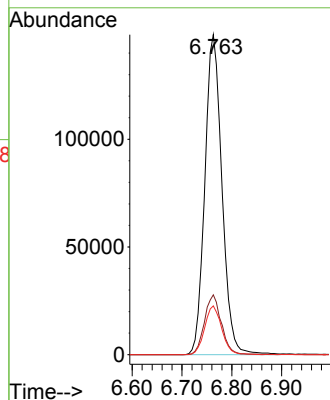
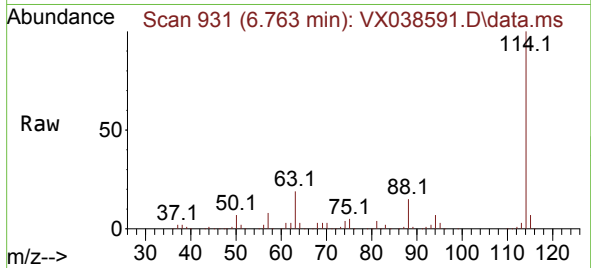




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

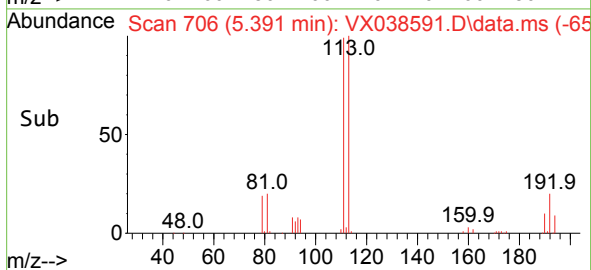
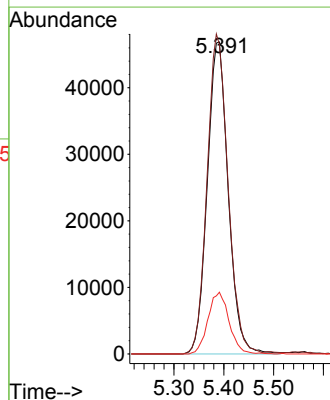
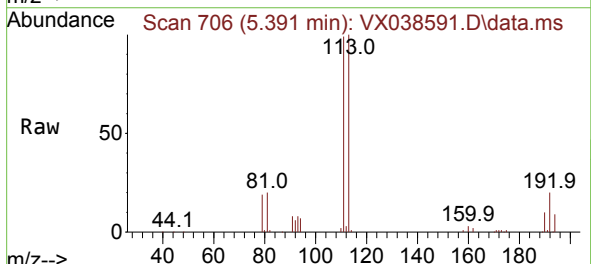
Instrument :
MSVOA_X
ClientSampleId :

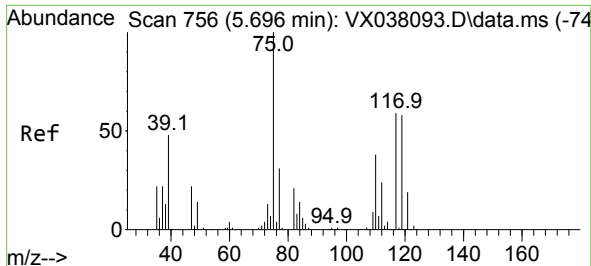
Tgt Ion:114 Resp: 354857
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.447 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Tgt Ion:113 Resp: 136663
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 20.0 13.3 19.9#

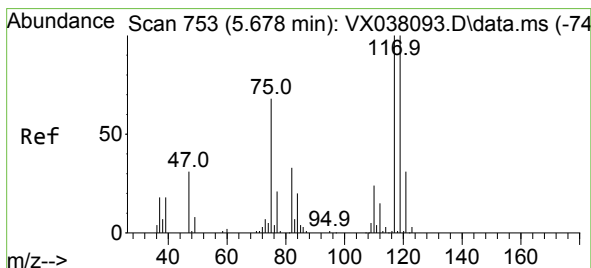
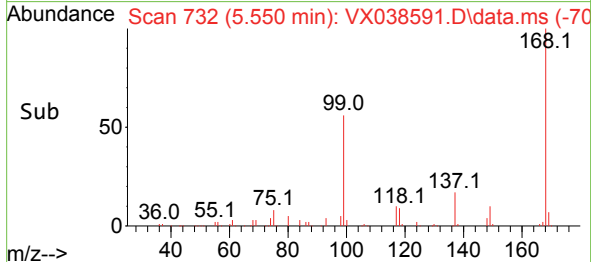
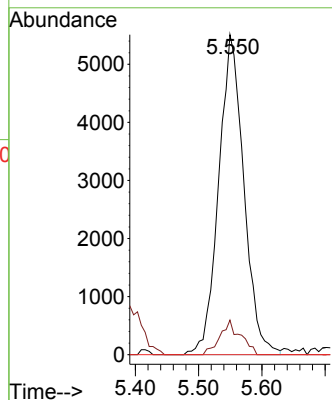
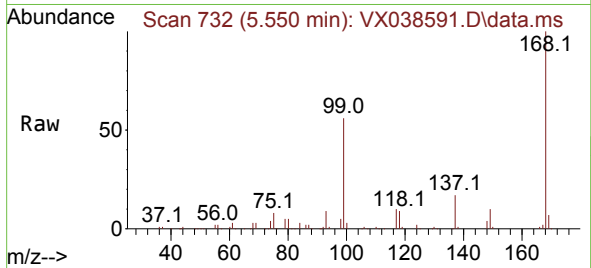




#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

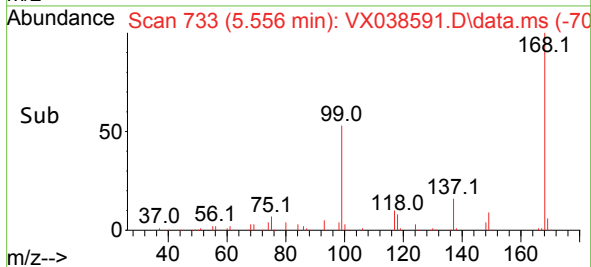
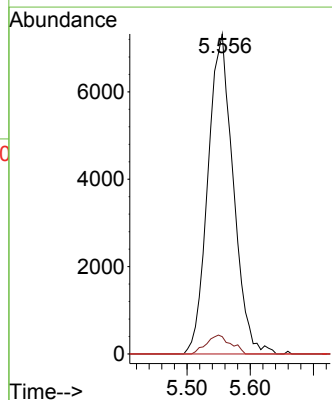
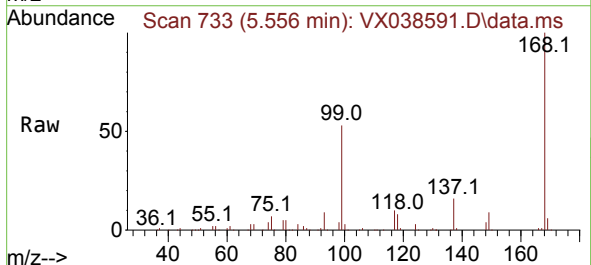
Instrument :
MSVOA_X
ClientSampleId :

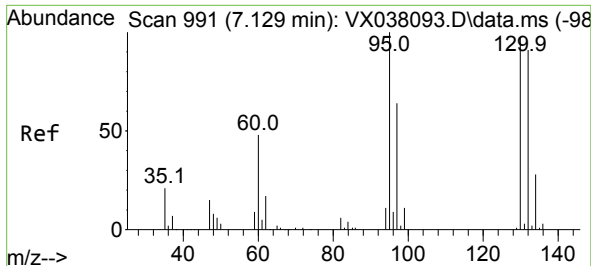
Tgt Ion: 75 Resp: 15210
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

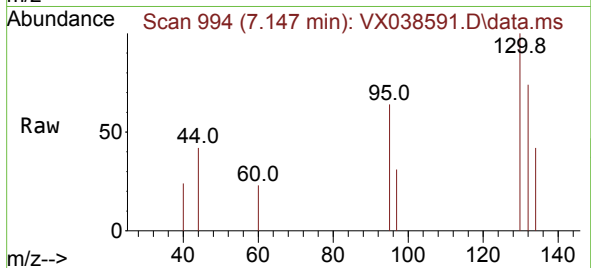
Tgt Ion: 117 Resp: 20355
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



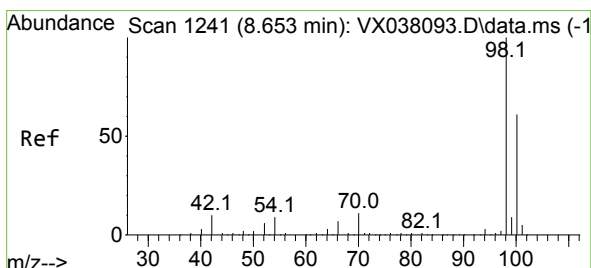
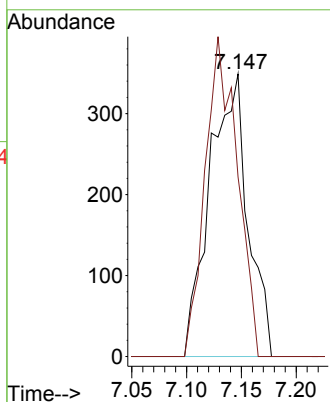
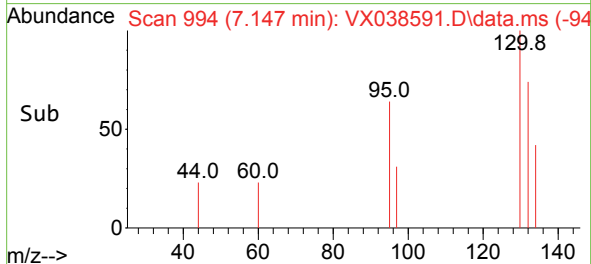


#44
Trichloroethene
Concen: 0.327 ug/l
RT: 7.147 min Scan# 991
Delta R.T. 0.018 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :

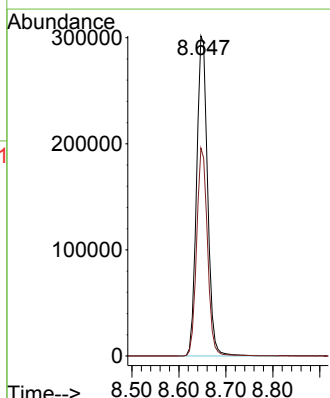
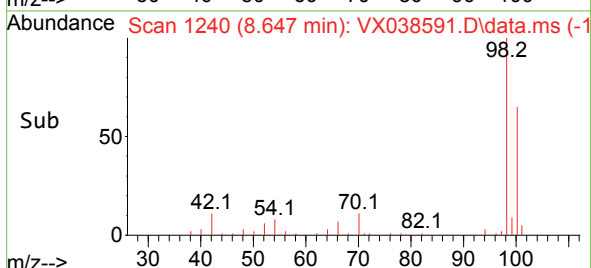
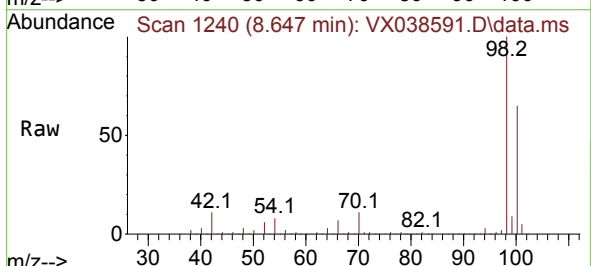


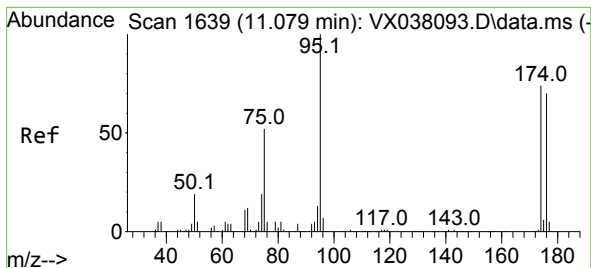
Tgt Ion:130 Resp: 844
Ion Ratio Lower Upper
130 100
95 63.6 0.0 204.4



#50
Toluene-d8
Concen: 50.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

Tgt Ion: 98 Resp: 492865
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

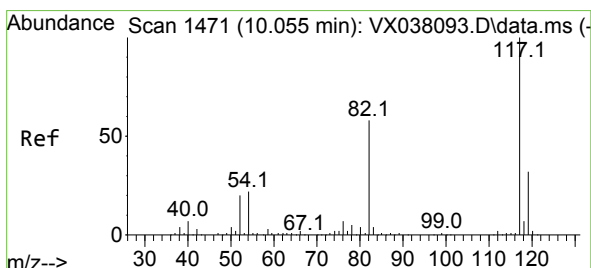
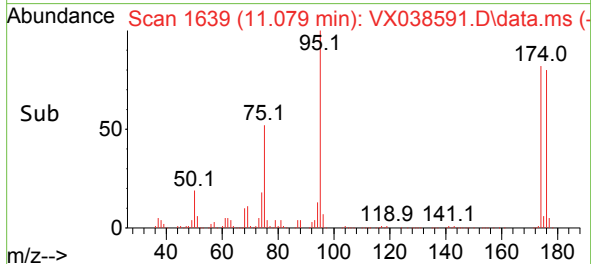
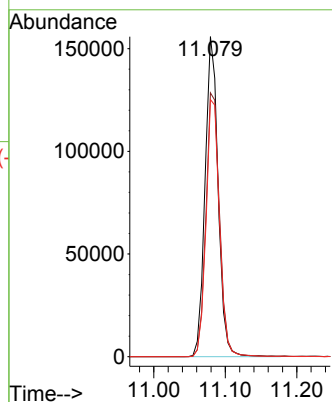
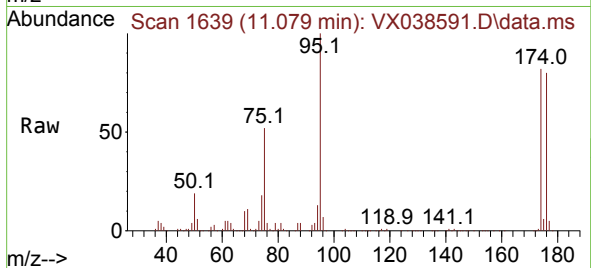




#62
4-Bromofluorobenzene
Concen: 53.390 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

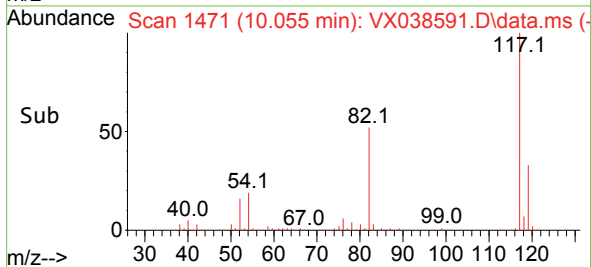
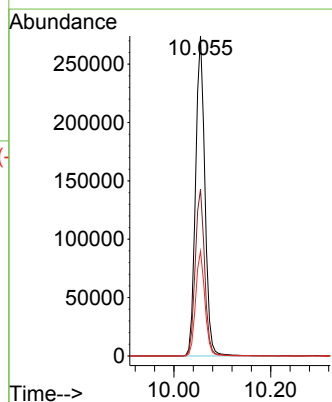
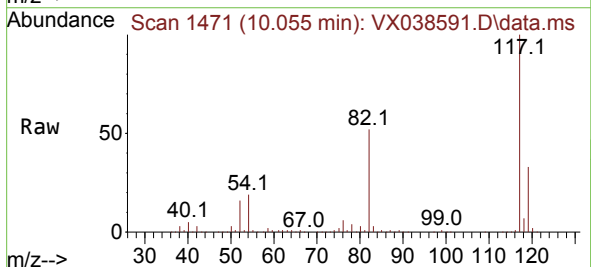
Instrument :
MSVOA_X
ClientSampleId :

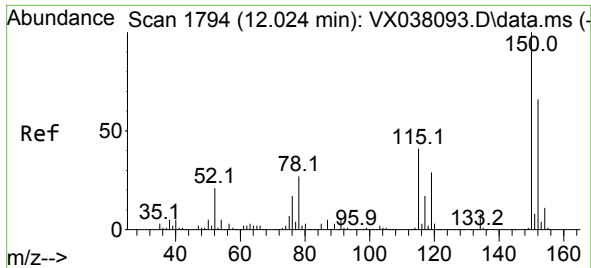
Tgt Ion: 95 Resp: 197769
Ion Ratio Lower Upper
95 100
174 86.4 0.0 135.6
176 83.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038591.D
Acq: 27 Oct 2023 10:28

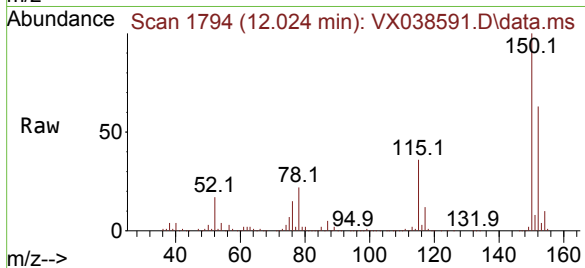
Tgt Ion: 117 Resp: 365958
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 32.8 25.5 38.3



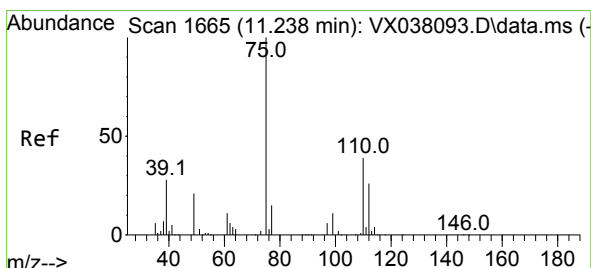
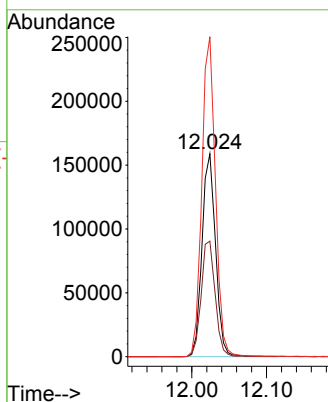
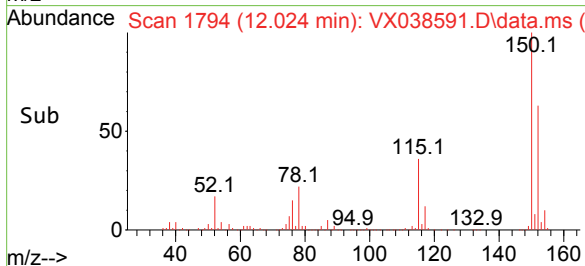


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038591.D
 Acq: 27 Oct 2023 10:28

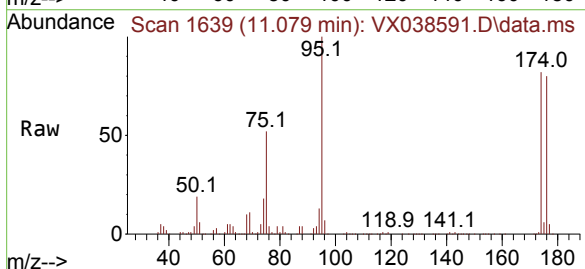
Instrument :
 MSVOA_X
 ClientSampleId :



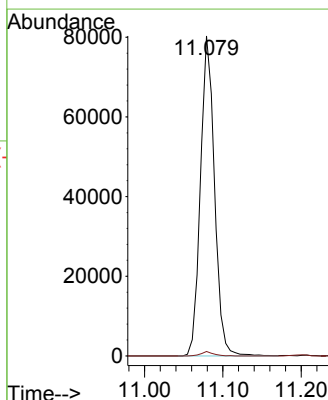
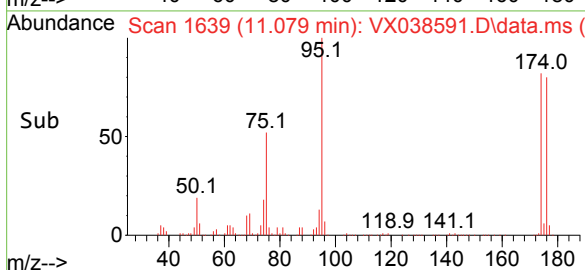
Tgt Ion:152 Resp: 200619
 Ion Ratio Lower Upper
 152 100
 115 58.7 43.3 129.9
 150 157.3 0.0 345.0

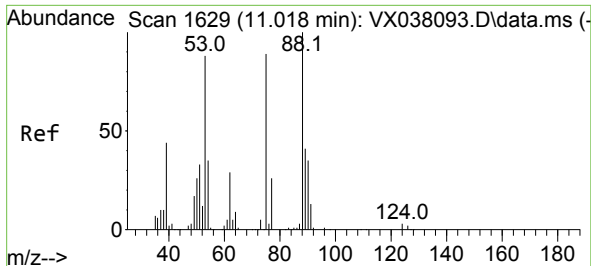


#76
 1,2,3-Trichloropropane
 Concen: 21.990 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038591.D
 Acq: 27 Oct 2023 10:28



Tgt Ion: 75 Resp: 100291
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

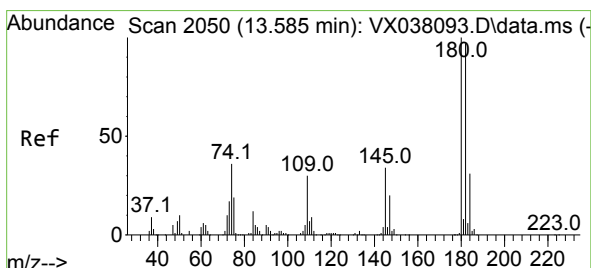
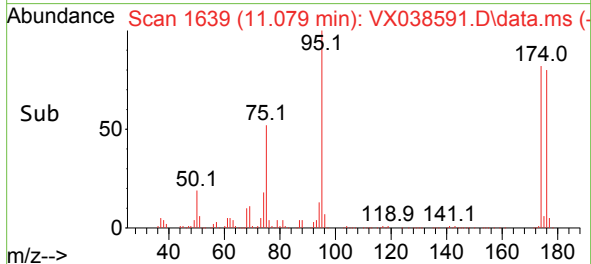
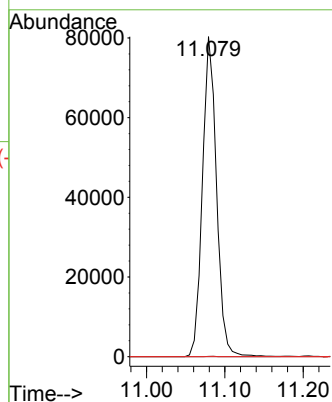
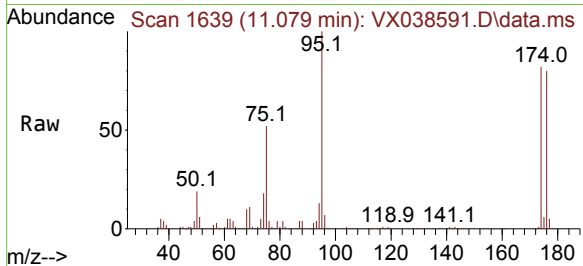




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.062 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038591.D
 Acq: 27 Oct 2023 10:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 100291
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038591.D
 Acq: 27 Oct 2023 10:28

Tgt Ion:180 Resp: 1261
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.3 144.8
 145 27.3 18.0 54.0

