

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038312.D
 Acq On : 16 Oct 2023 18:27
 Operator : JC/MD
 Sample : 04899-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:26:51 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)

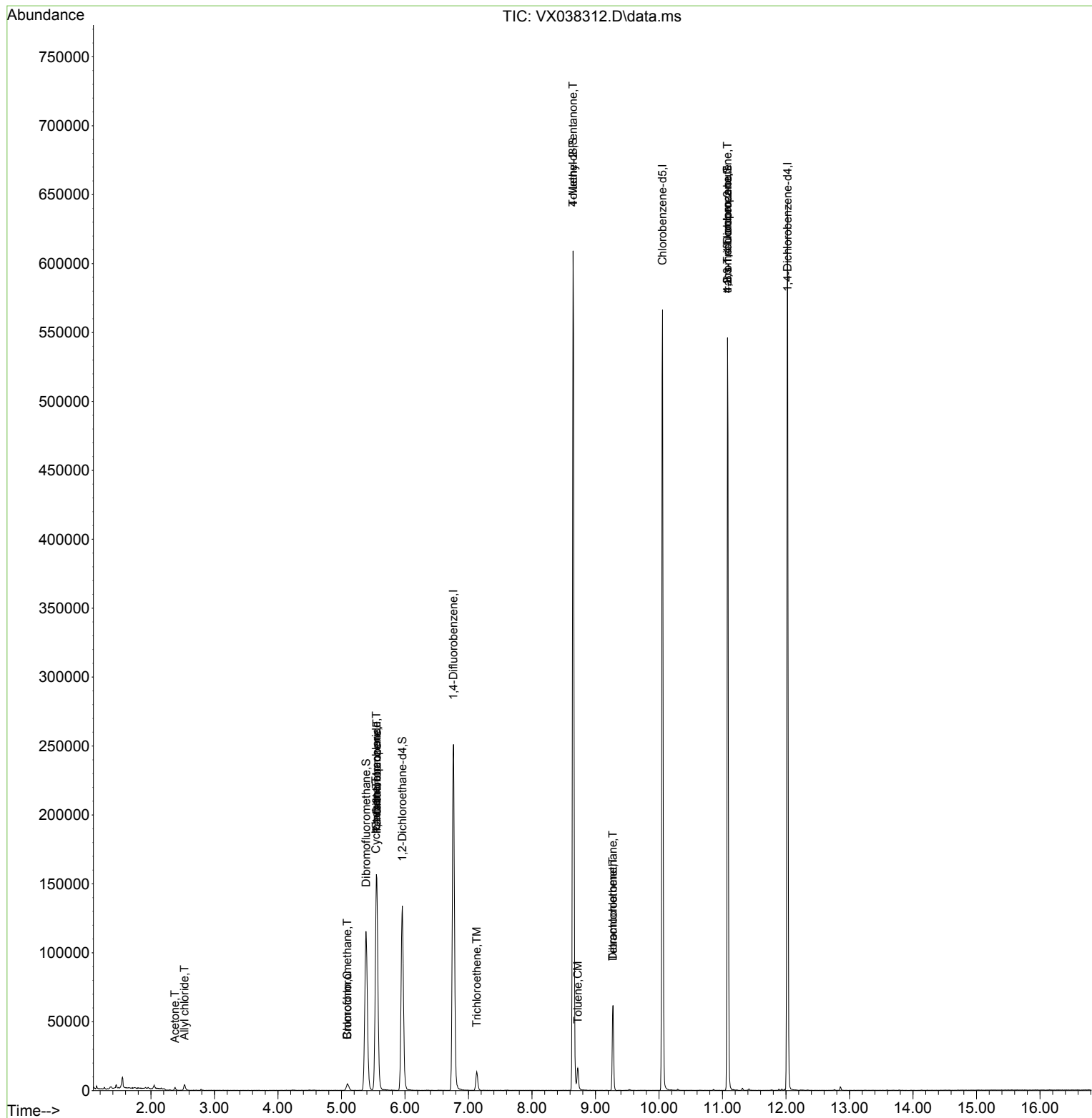
Internal Standards						
1) Pentafluorobenzene	5.556	168	145802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125773	53.631	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.260%	
35) Dibromofluoromethane	5.385	113	96850	52.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.780%	
50) Toluene-d8	8.647	98	369072	52.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	11.079	95	138554	51.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.538	94	173	Below Cal	#	3
6) Chloroethane	1.691	64	69	Below Cal	#	43
14) Allyl chloride	2.526	41	518	0.217	ug/l #	25
16) Acetone	2.380	43	1973	2.016	ug/l #	88
28) Bromochloromethane	5.093	49	459	0.335	ug/l #	16
30) Chloroform	5.093	83	5455	1.644	ug/l	95
31) Cyclohexane	5.544	56	3257	1.282	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	12178	4.777	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15449	6.161	ug/l #	15
44) Trichloroethene	7.129	130	4889	2.622	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1569	0.503	ug/l #	1
52) Toluene	8.720	92	5639	1.214	ug/l	84
60) Dibromochloromethane	9.275	129	10463	5.382	ug/l #	11
64) Tetrachloroethene	9.275	164	11107	6.754	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	74753	24.876	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74753	70.810	ug/l #	5

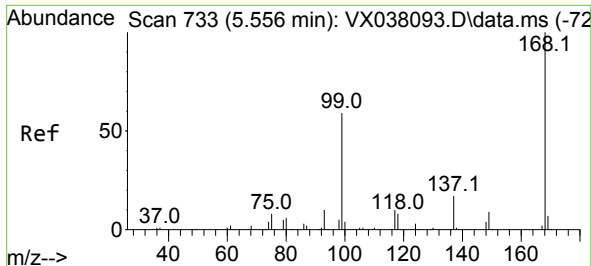
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
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Instrument :
MSVOA_X
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Quant Time: Oct 17 01:26:51 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

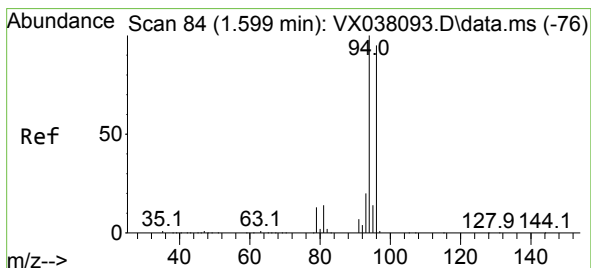
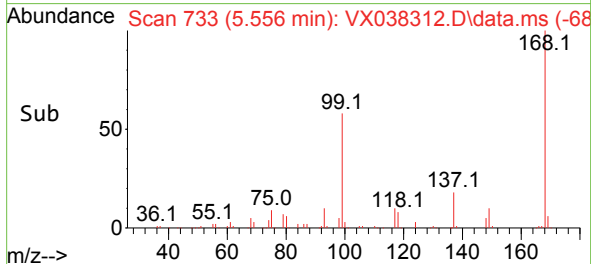
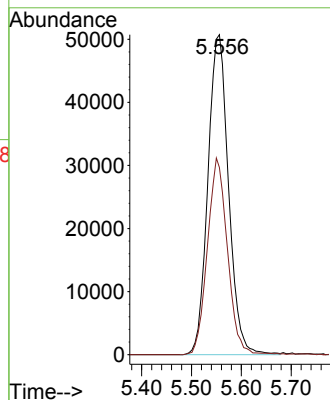
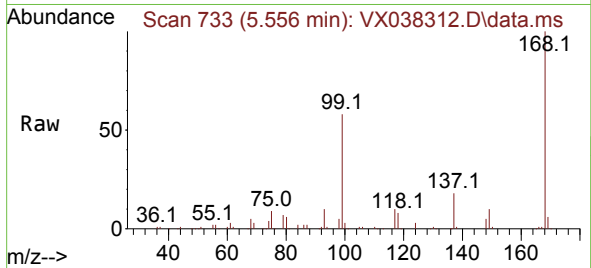




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

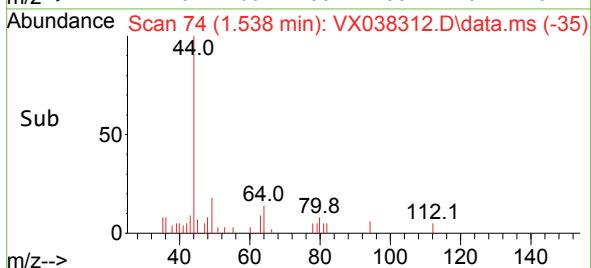
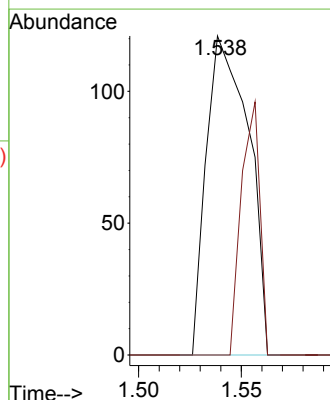
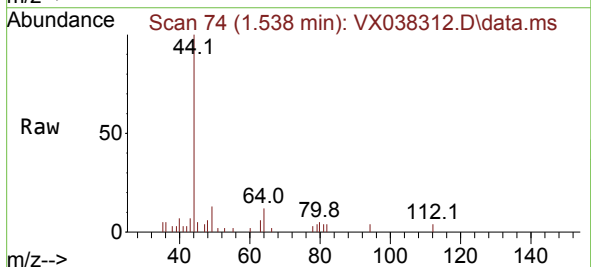
Instrument :
MSVOA_X
ClientSampleId :

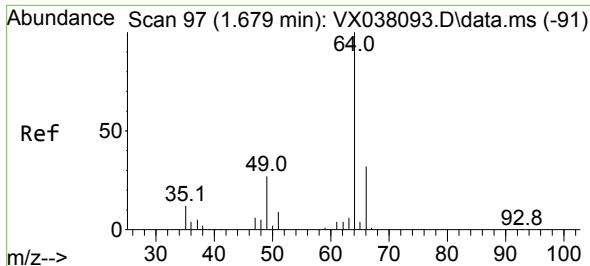
Tgt Ion:168 Resp: 145802
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

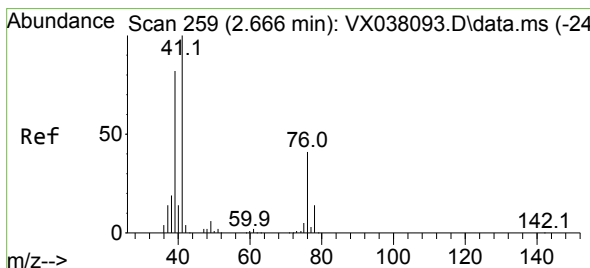
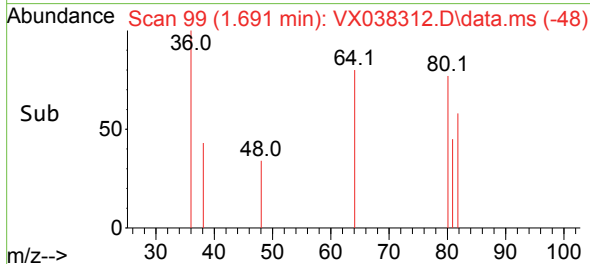
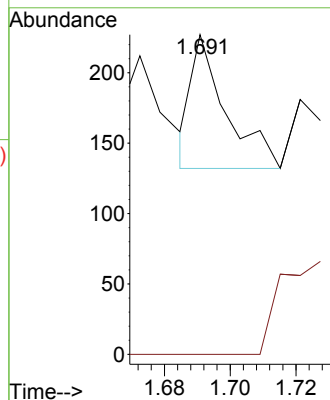
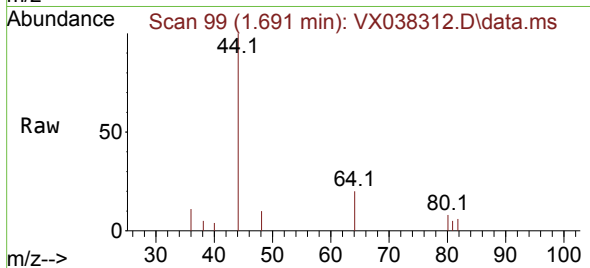




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

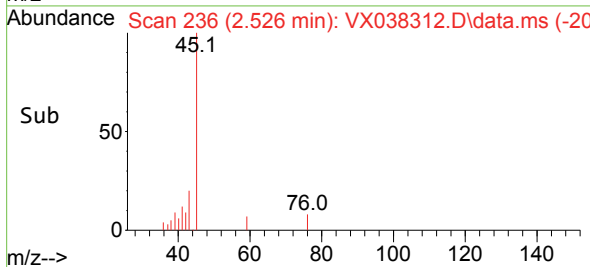
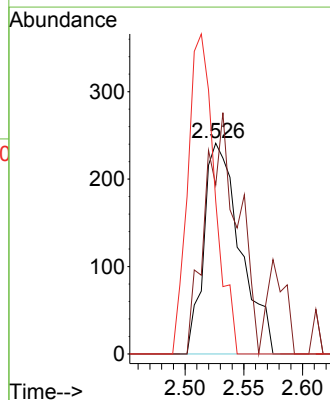
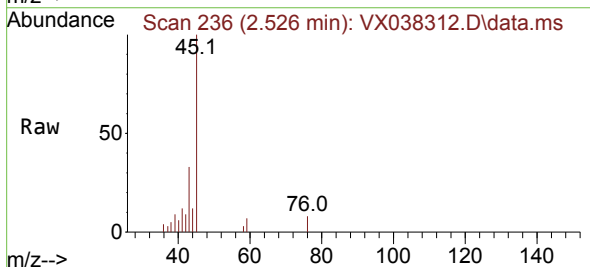
Instrument :
MSVOA_X
ClientSampleId :

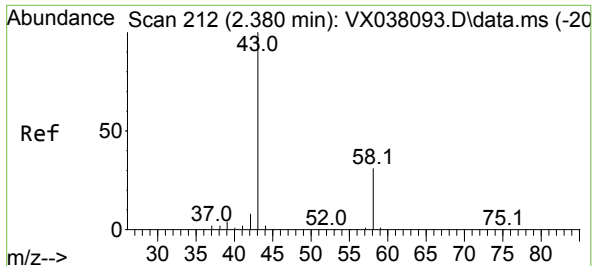
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#14
Allyl chloride
Concen: 0.217 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.134 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 41 Resp: 518
Ion Ratio Lower Upper
41 100
39 103.1 55.8 83.6#
76 113.3 24.3 36.5#

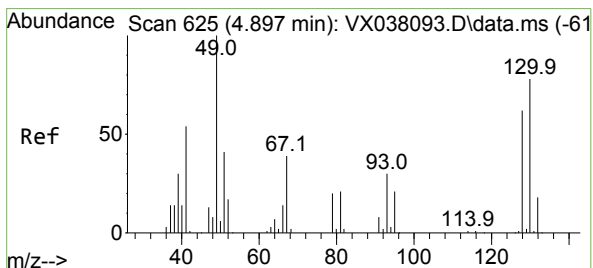
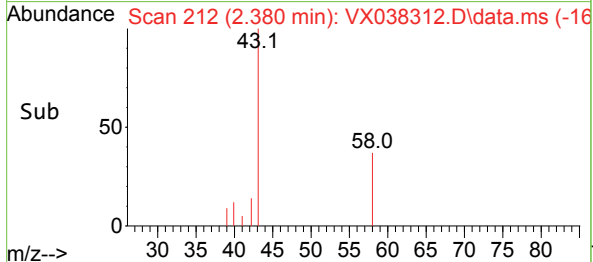
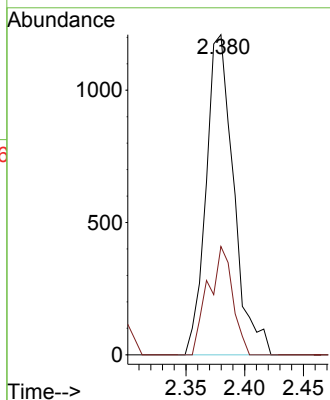
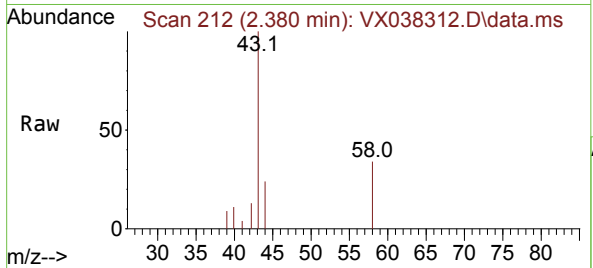




#16
Acetone
Concen: 2.016 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

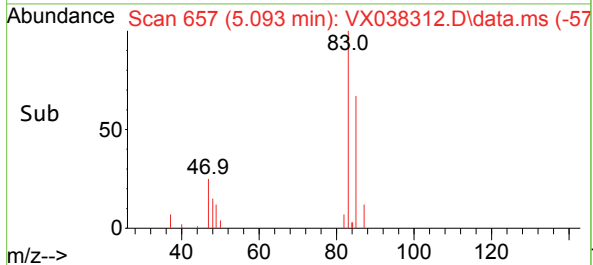
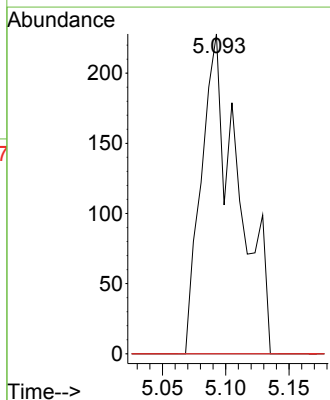
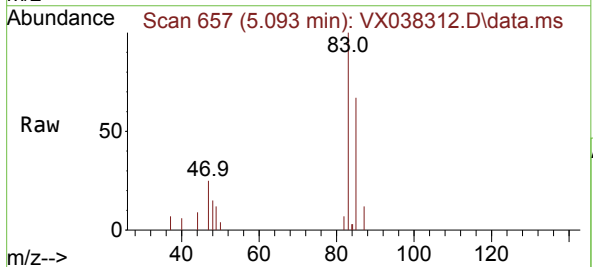
Instrument :
MSVOA_X
ClientSampleId :

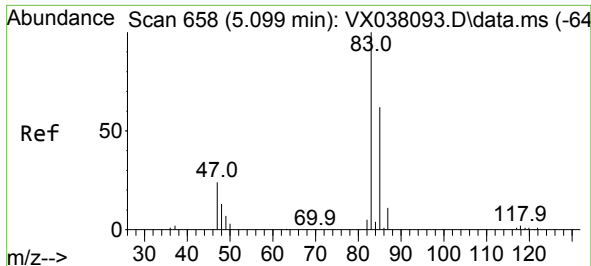
Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



#28
Bromochloromethane
Concen: 0.335 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.196 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 49 Resp: 459
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#

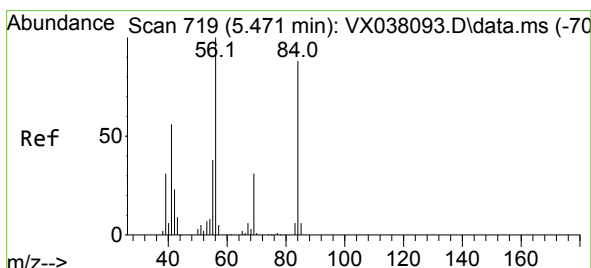
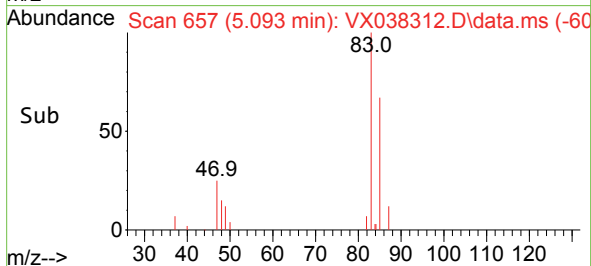
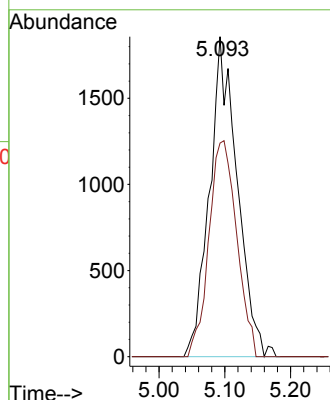
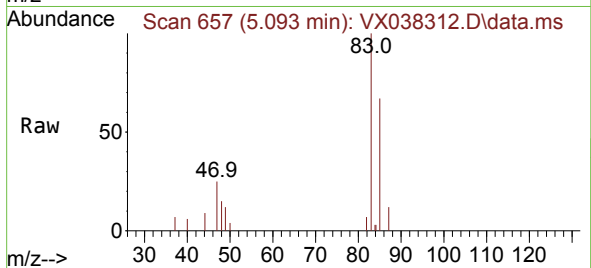




#30
Chloroform
Concen: 1.644 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

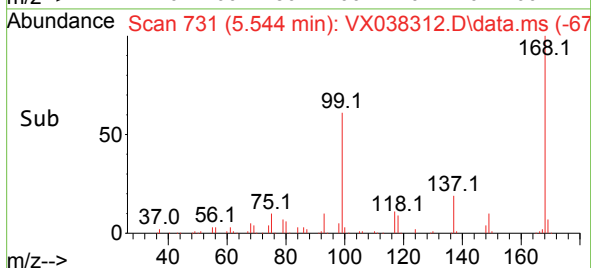
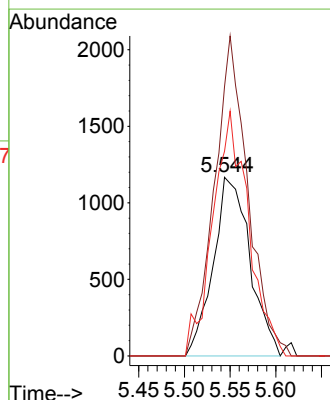
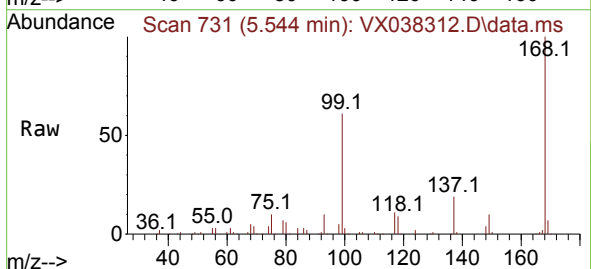
Instrument :
MSVOA_X
ClientSampleId :

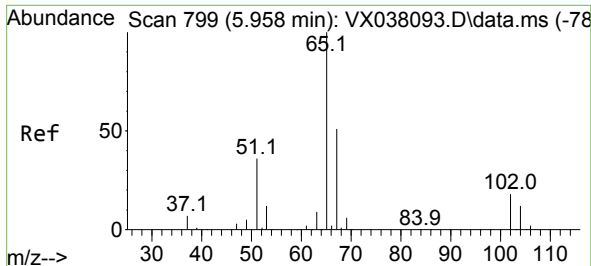
Tgt Ion: 83 Resp: 5455
Ion Ratio Lower Upper
83 100
85 66.7 50.3 75.5



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 56 Resp: 3257
Ion Ratio Lower Upper
56 100
69 150.7 23.4 35.2#
84 114.6 65.9 98.9#

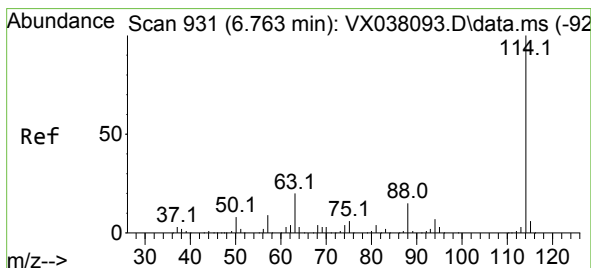
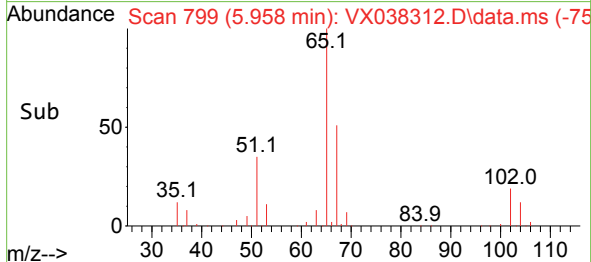
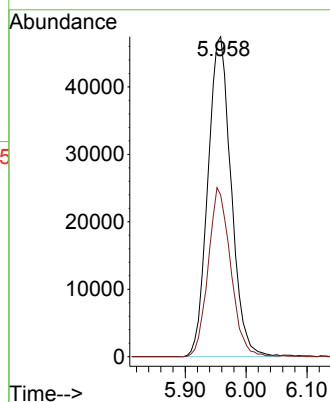
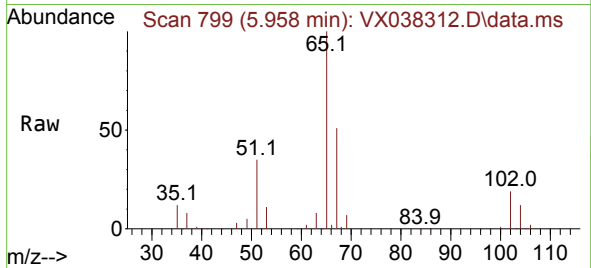




#33
 1,2-Dichloroethane-d4
 Concen: 53.631 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038312.D
 Acq: 16 Oct 2023 18:27

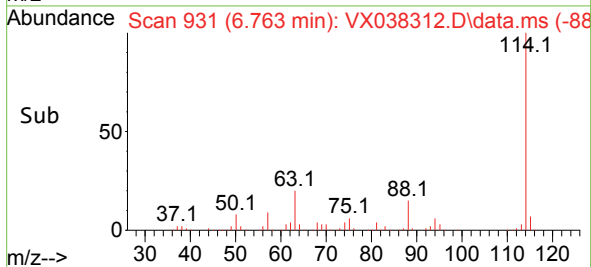
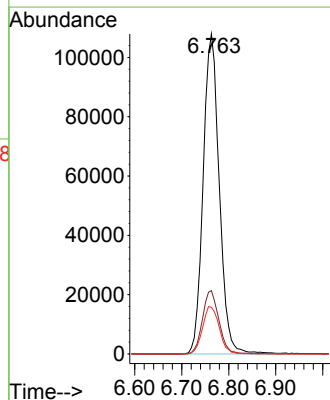
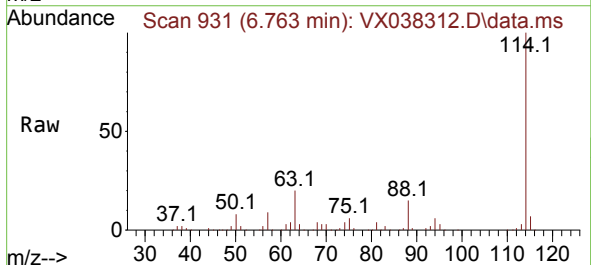
Instrument :
 MSVOA_X
 ClientSampleId :

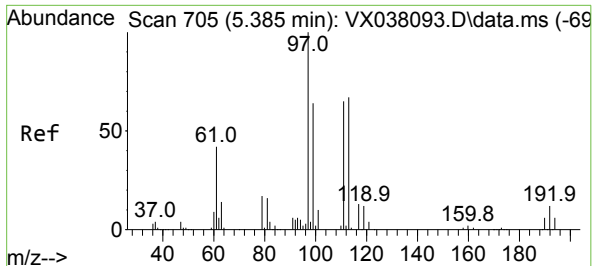
Tgt Ion: 65 Resp: 125773
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038312.D
 Acq: 16 Oct 2023 18:27

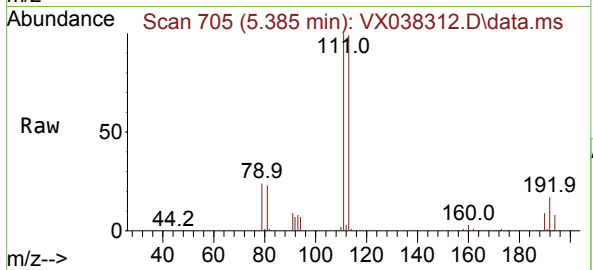
Tgt Ion:114 Resp: 256539
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 14.6 0.0 36.6



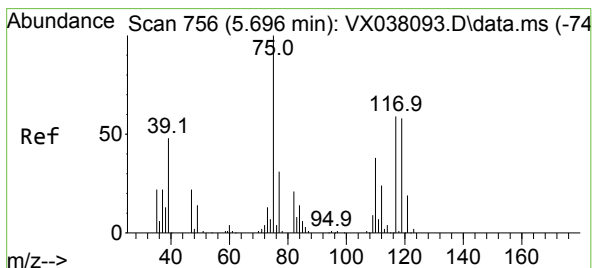
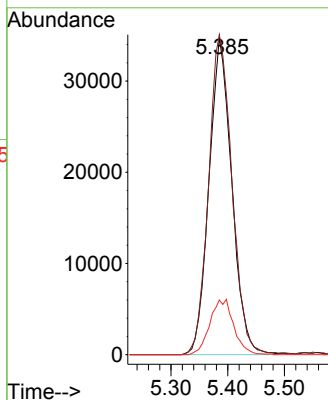
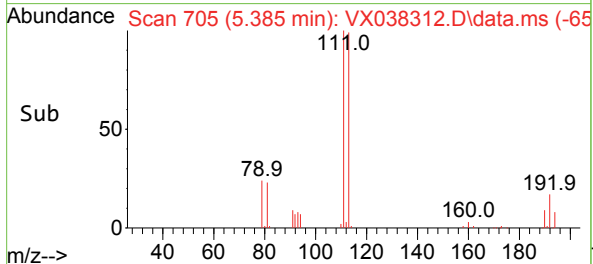


#35
Dibromofluoromethane
Concen: 52.393 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

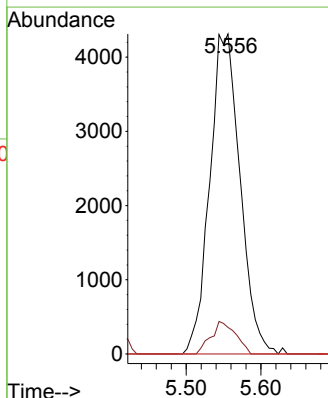
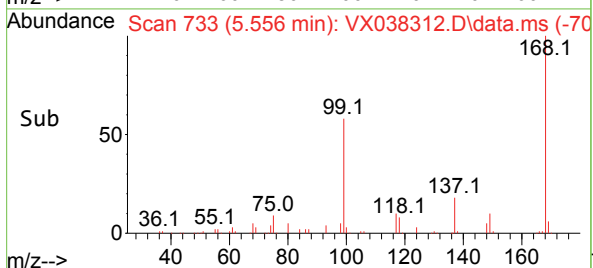
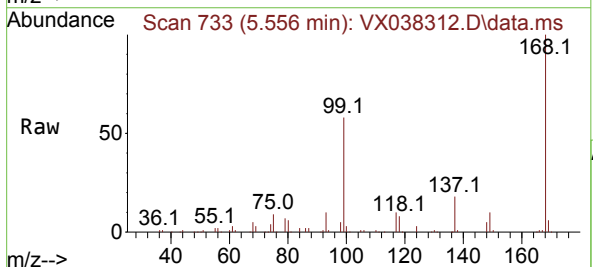


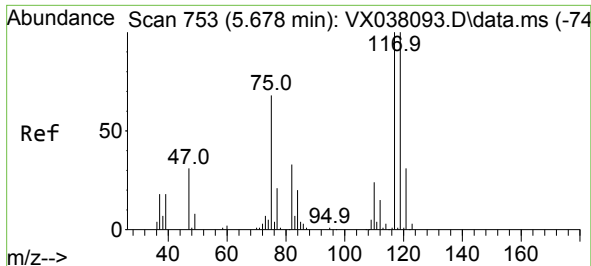
Tgt Ion:113 Resp: 96850
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

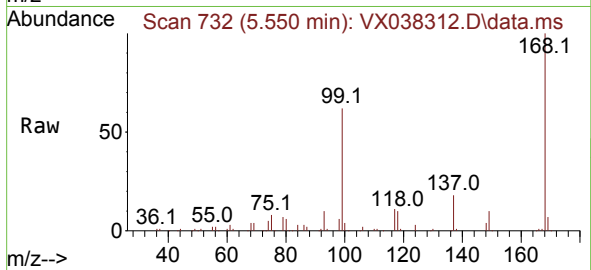
Tgt Ion: 75 Resp: 12178
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



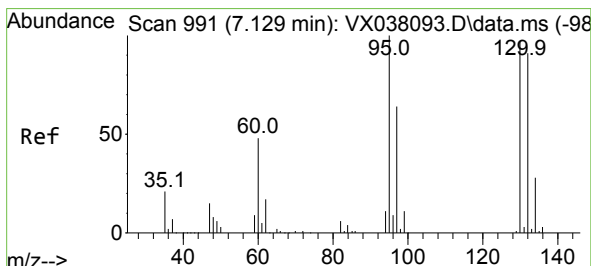
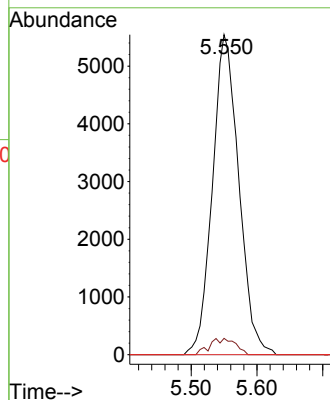
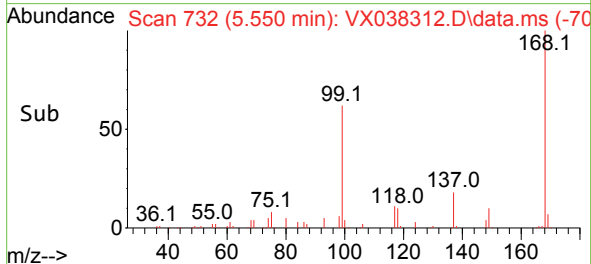


#38
Carbon Tetrachloride
Concen: 6.161 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.128 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

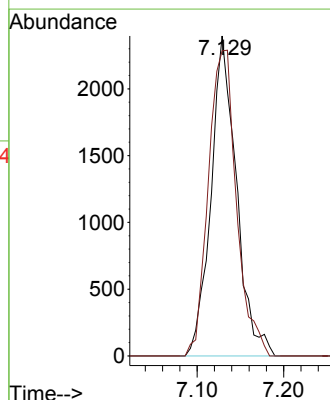
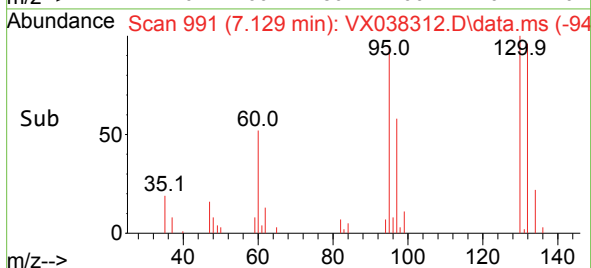
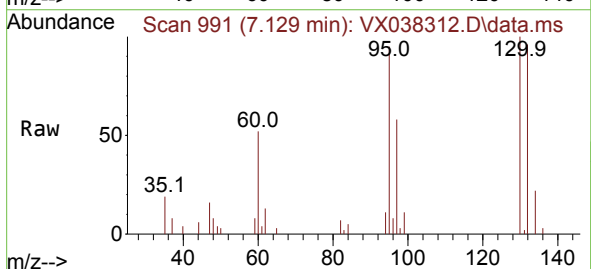


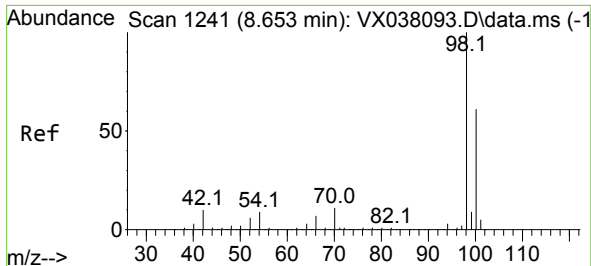
Tgt Ion:117 Resp: 15449
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.622 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion:130 Resp: 4889
Ion Ratio Lower Upper
130 100
95 95.4 0.0 204.4

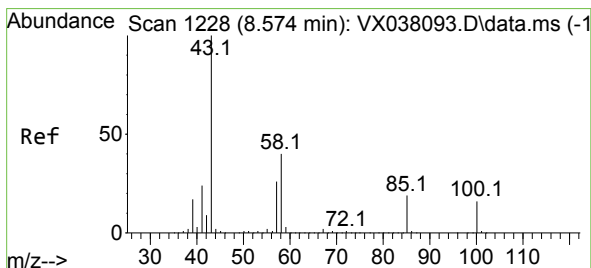
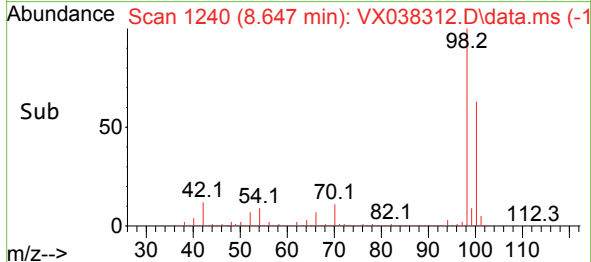
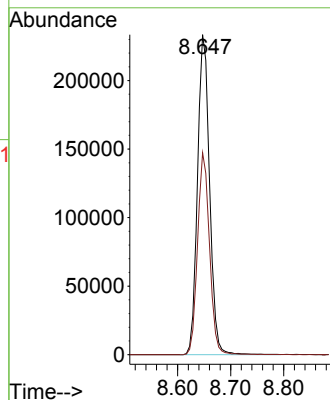
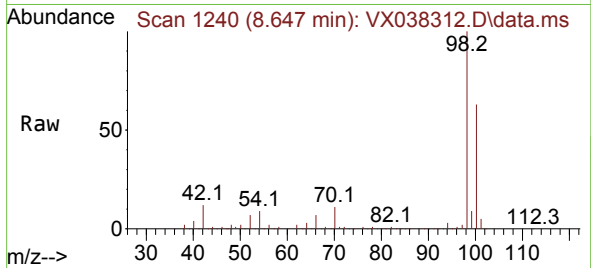




#50
Toluene-d8
Concen: 52.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

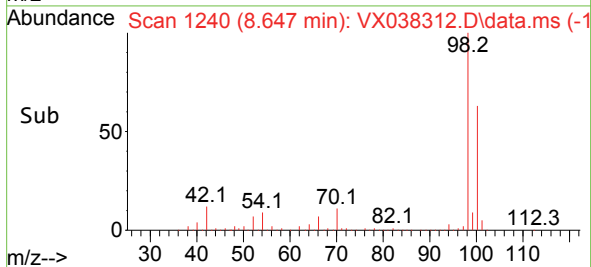
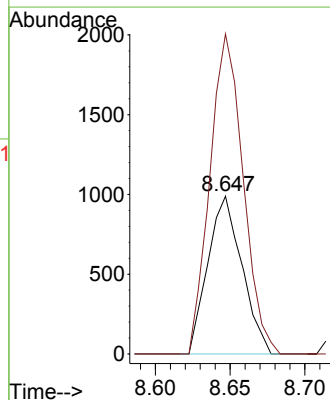
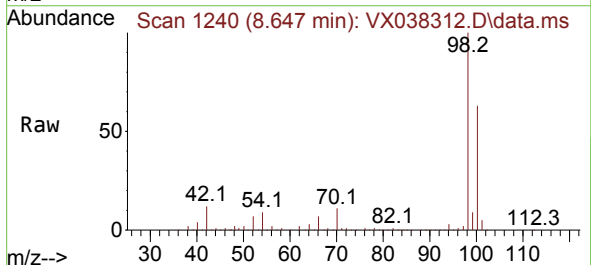
Instrument :
MSVOA_X
ClientSampleId :

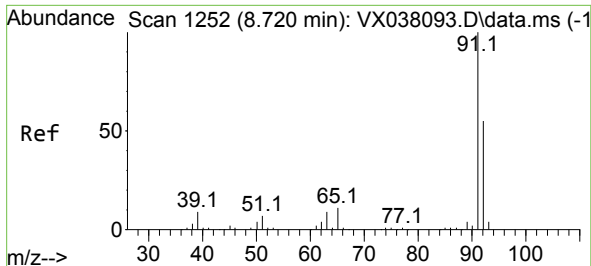
Tgt Ion: 98 Resp: 369072
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 43 Resp: 1569
Ion Ratio Lower Upper
43 100
58 197.5 30.4 45.6#

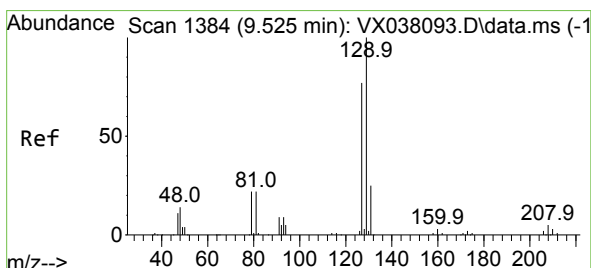
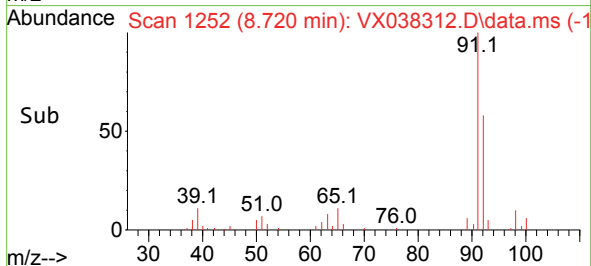
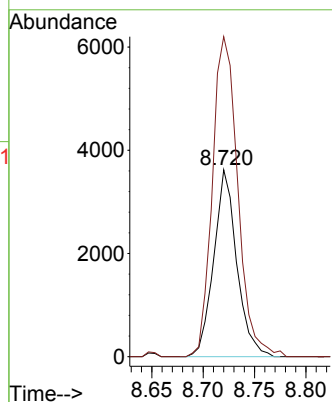
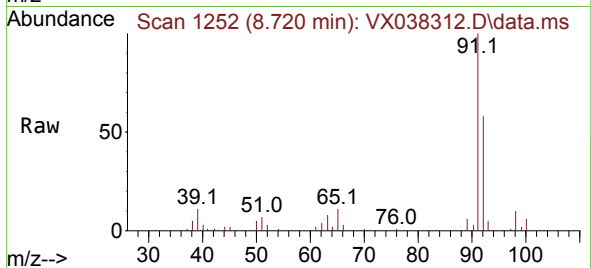




#52
Toluene
Concen: 1.214 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

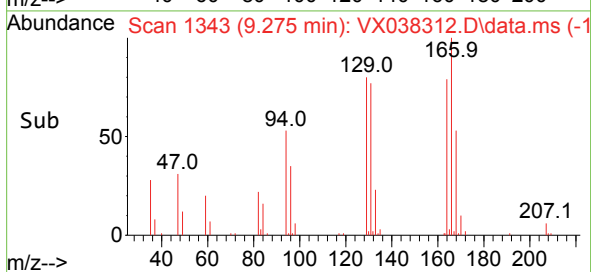
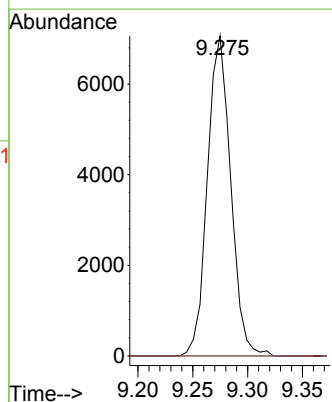
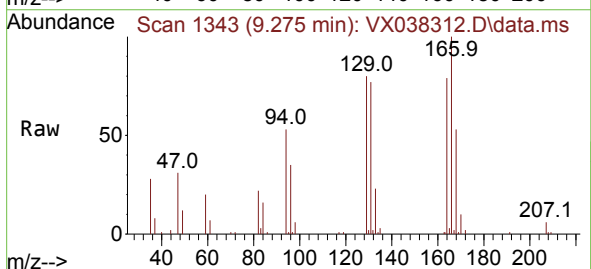
Instrument :
MSVOA_X
ClientSampleId :

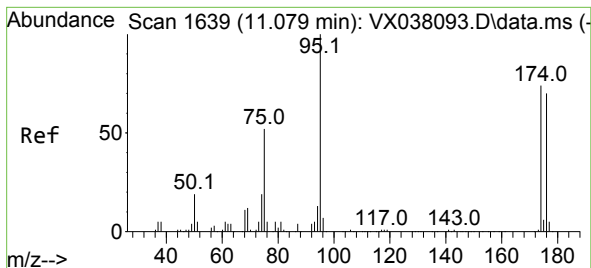
Tgt Ion: 92 Resp: 5639
Ion Ratio Lower Upper
92 100
91 189.0 134.2 201.2



#60
Dibromochloromethane
Concen: 5.382 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion:129 Resp: 10463
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

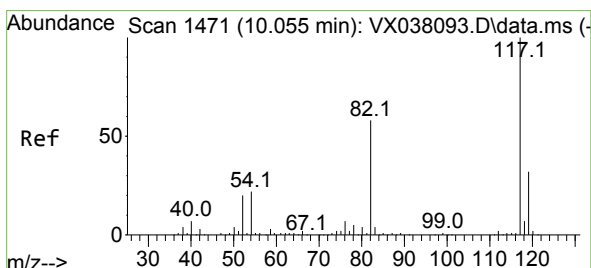
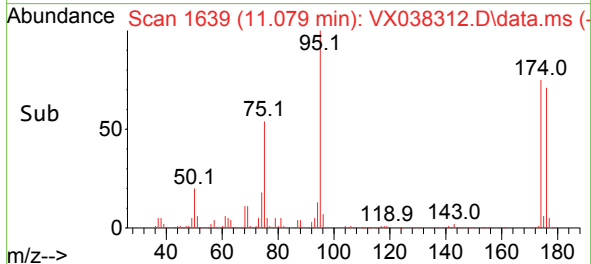
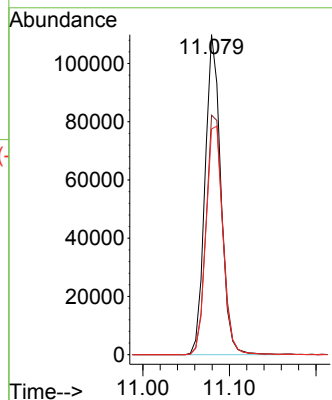
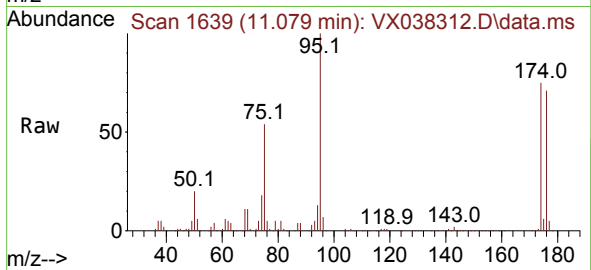




#62
4-Bromofluorobenzene
Concen: 51.740 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

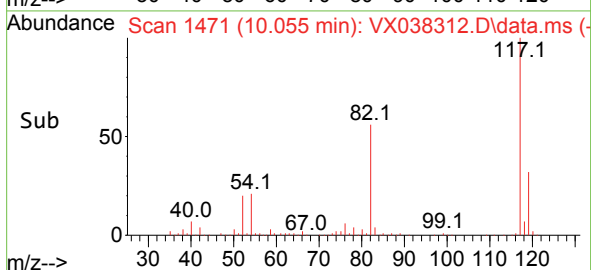
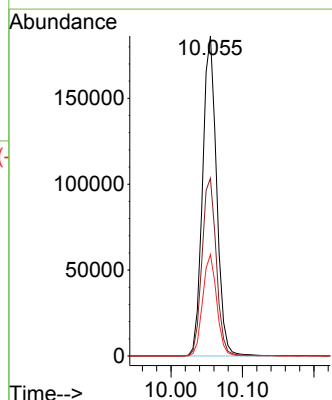
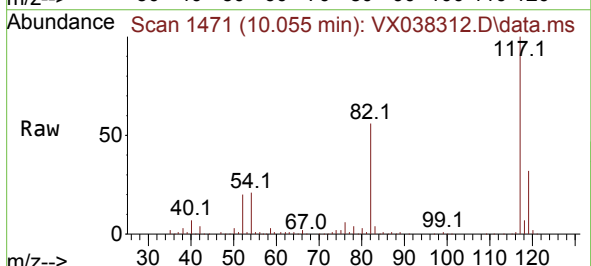
Instrument :
MSVOA_X
ClientSampleId :

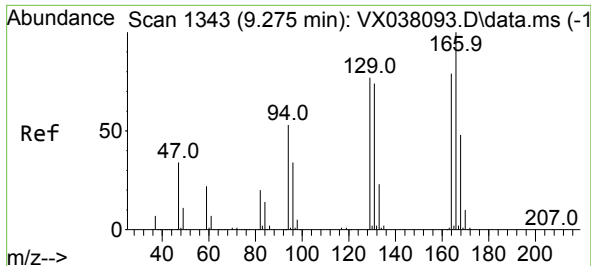
Tgt Ion: 95 Resp: 138554
Ion Ratio Lower Upper
95 100
174 79.7 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

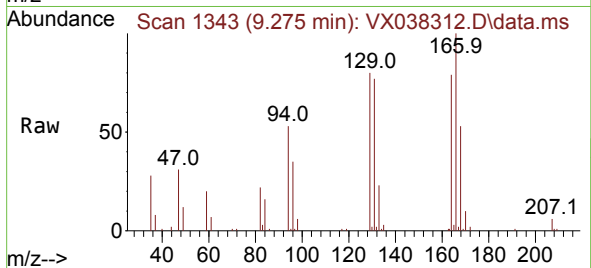
Tgt Ion: 117 Resp: 254019
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.7 25.5 38.3



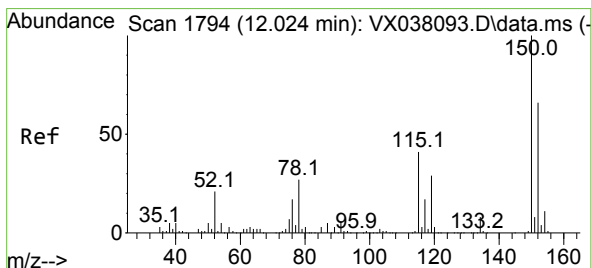
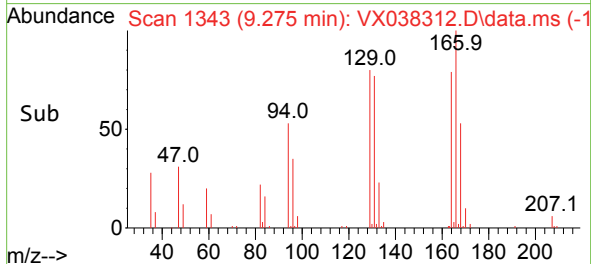
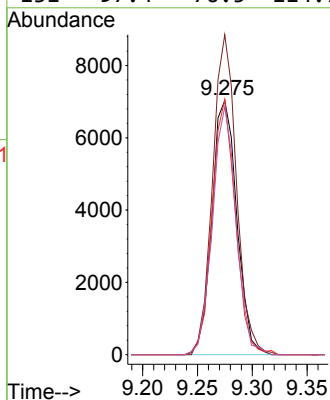


#64
Tetrachloroethene
Concen: 6.754 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

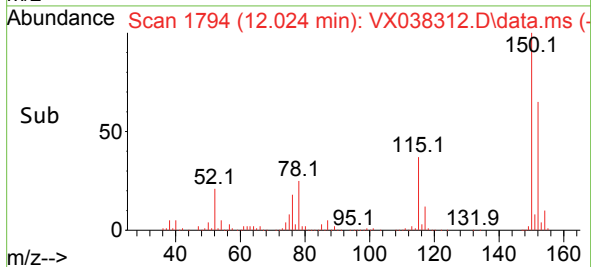
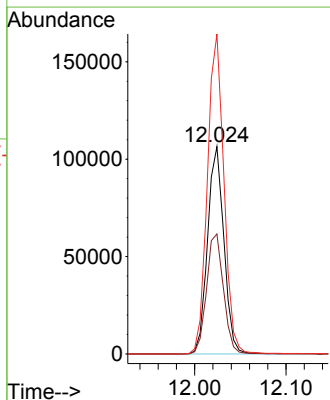
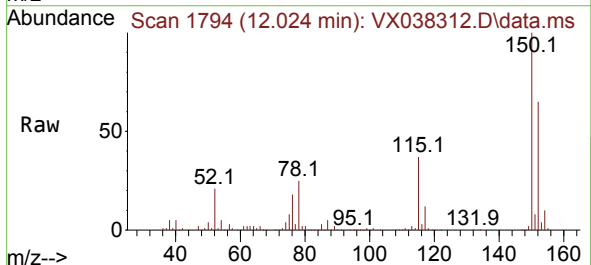


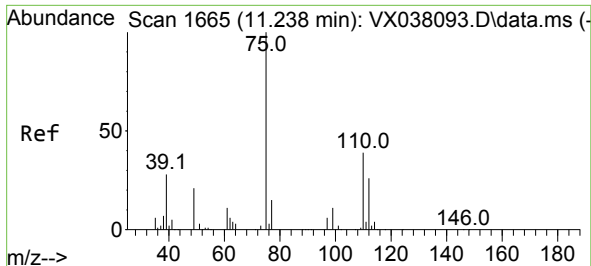
Tgt Ion:	164	Resp:	11107
Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.7	154.1
129	100.4	80.4	120.6
131	97.4	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion:	152	Resp:	132184
Ion	Ratio	Lower	Upper
152	100		
115	59.8	43.3	129.9
150	156.0	0.0	345.0

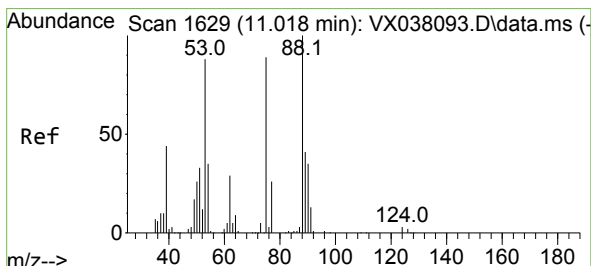
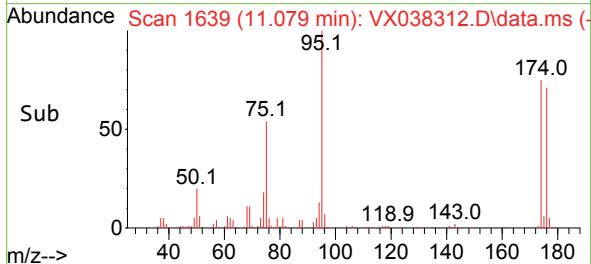
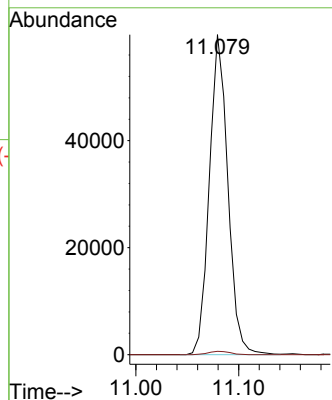
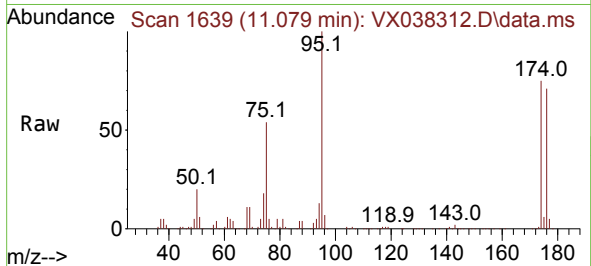




#76
1,2,3-Trichloropropane
Concen: 24.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 74753
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 75 Resp: 74753
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

