

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038232.D
 Acq On : 11 Oct 2023 16:19
 Operator : JC/MD
 Sample : 04803-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:46:57 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)

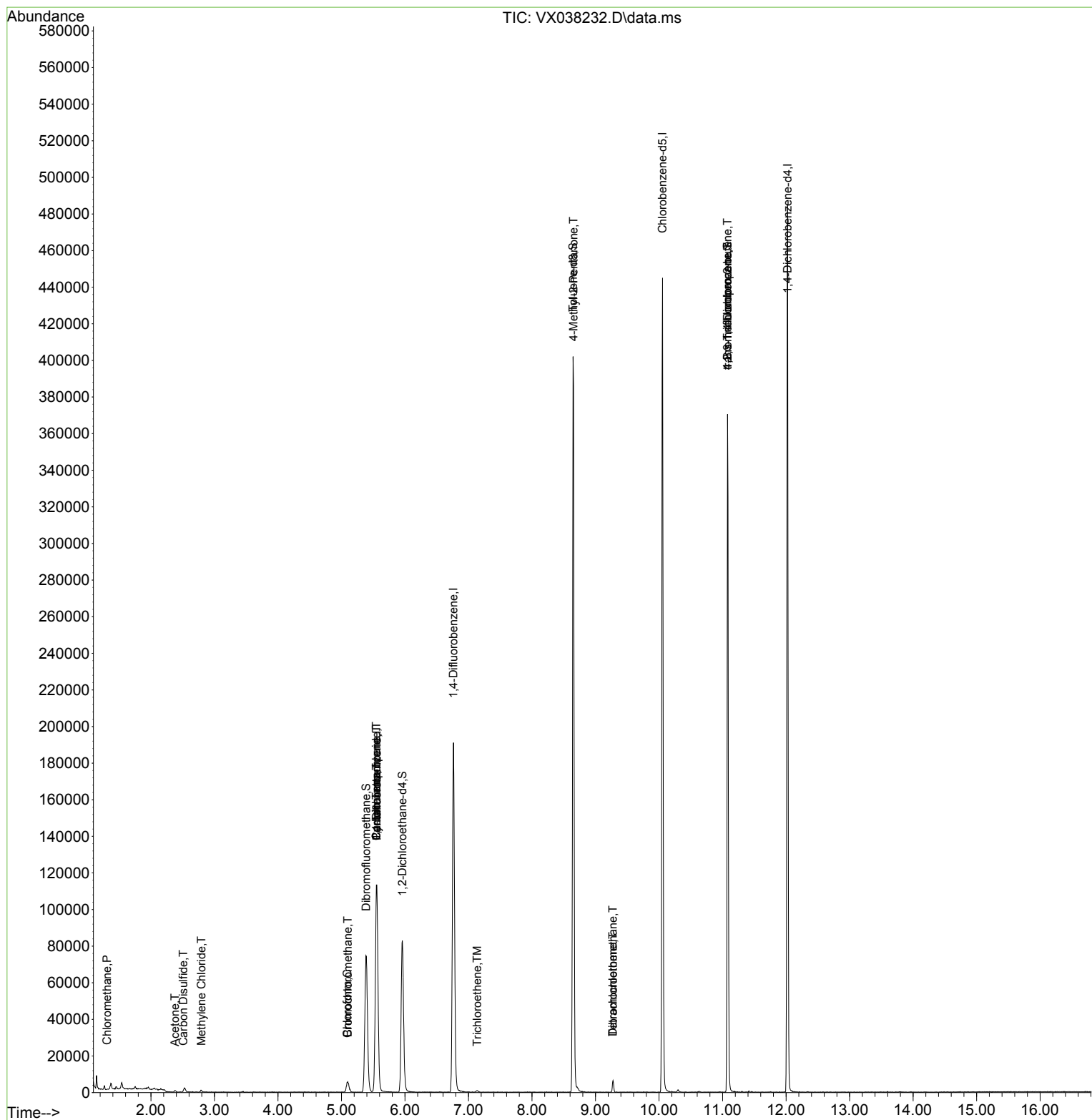
Internal Standards						
1) Pentafluorobenzene	5.556	168	108295	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	193357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79901	45.871	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.740%
35) Dibromofluoromethane	5.385	113	63851	45.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	245304	46.075	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.160%
62) 4-Bromofluorobenzene	11.079	95	92151	45.656	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	218	0.205	ug/l	# 63
5) Bromomethane	1.538	94	45	Below Cal	#	3
6) Chloroethane	1.672	64	120	Below Cal	#	43
16) Acetone	2.380	43	970	1.334	ug/l	94
17) Carbon Disulfide	2.508	76	792	0.277	ug/l	97
20) Methylene Chloride	2.794	84	435	0.318	ug/l	# 69
28) Bromochloromethane	5.099	49	595	0.585	ug/l	# 16
30) Chloroform	5.093	83	6831	2.771	ug/l	95
31) Cyclohexane	5.550	56	2448	1.297	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9085	4.729	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	11489	6.079	ug/l	# 16
44) Trichloroethene	7.135	130	404	0.287	ug/l	59
51) 4-Methyl-2-Pentanone	8.653	43	1096	0.466	ug/l	# 1
60) Dibromochloromethane	9.275	129	1171	0.799	ug/l	# 11
64) Tetrachloroethene	9.275	164	1095	0.865	ug/l	# 86
76) 1,2,3-Trichloropropane	11.079	75	50540	22.375	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	50540	64.098	ug/l	# 5

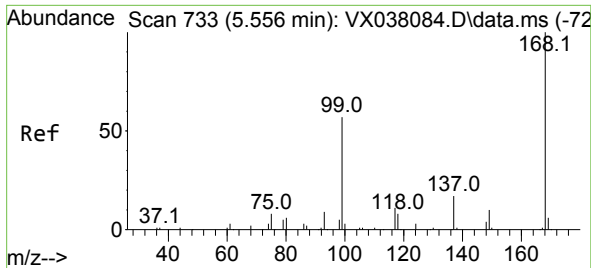
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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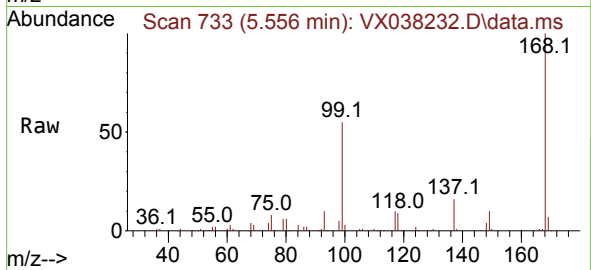
Quant Time: Oct 12 02:46:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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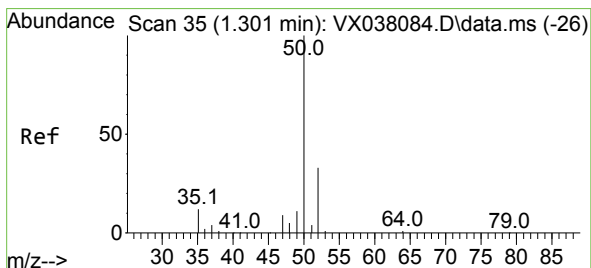
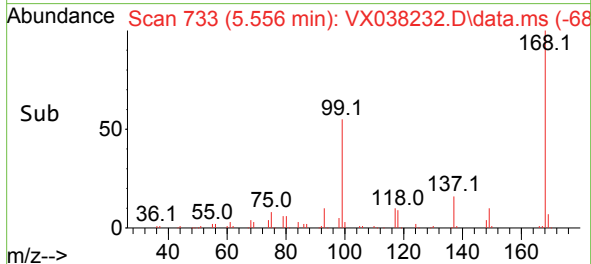
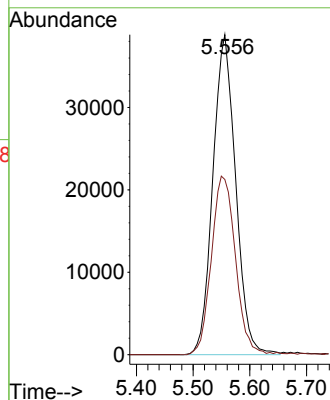


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

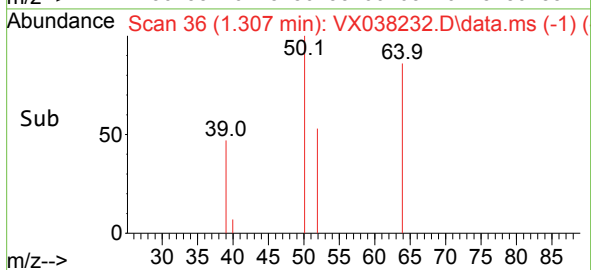
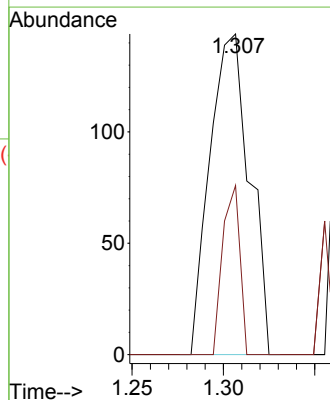
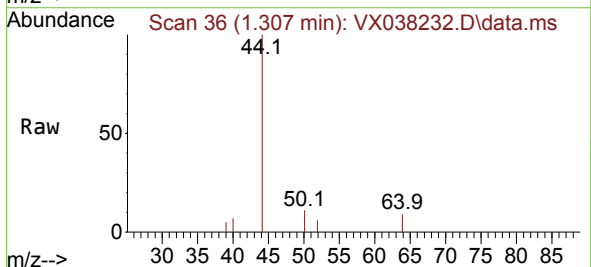


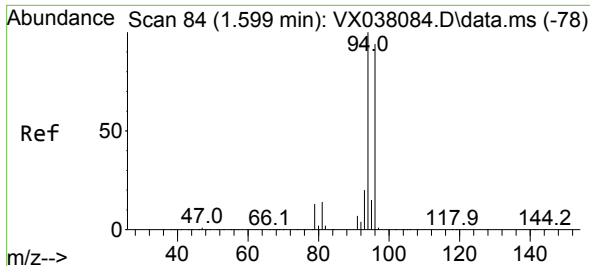
Tgt Ion:168 Resp: 108295
Ion Ratio Lower Upper
168 100
99 54.7 56.6 85.0#



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion: 50 Resp: 218
Ion Ratio Lower Upper
50 100
52 52.8 25.5 38.3#

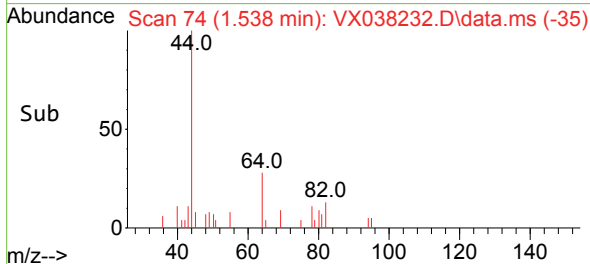
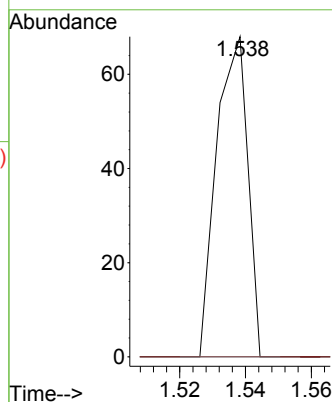
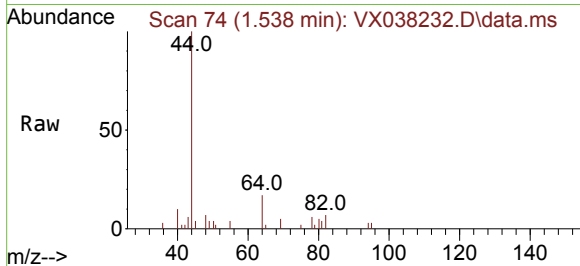




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

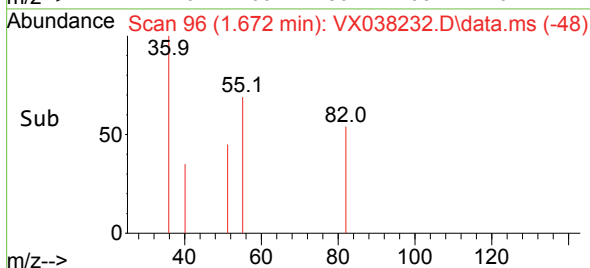
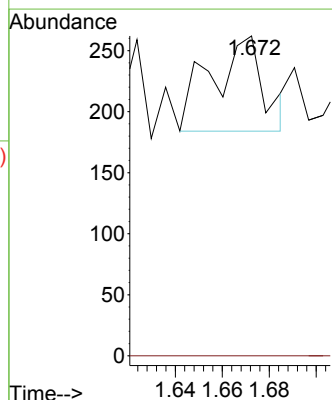
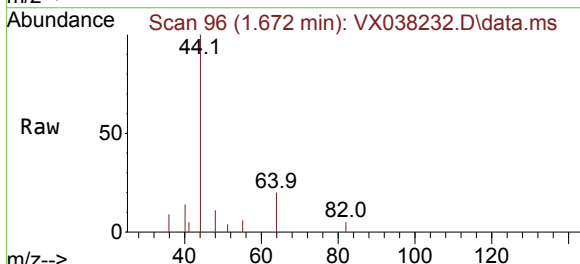
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

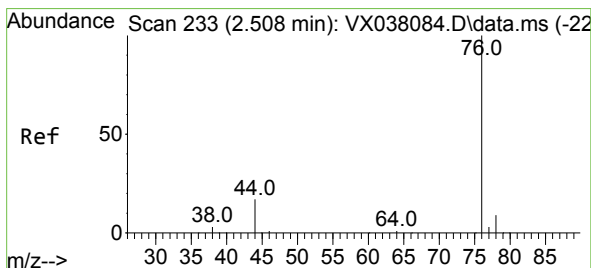
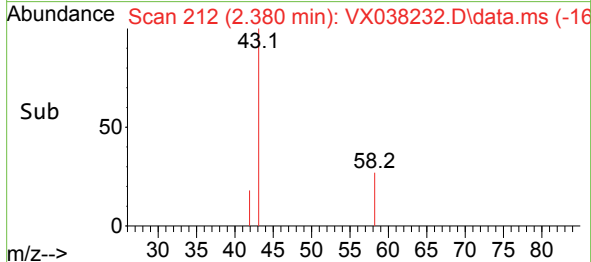
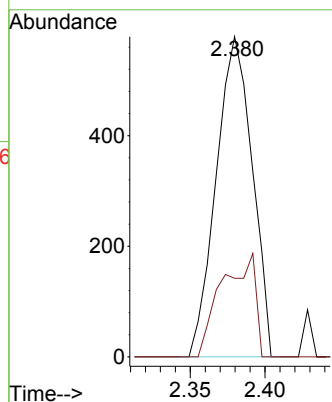
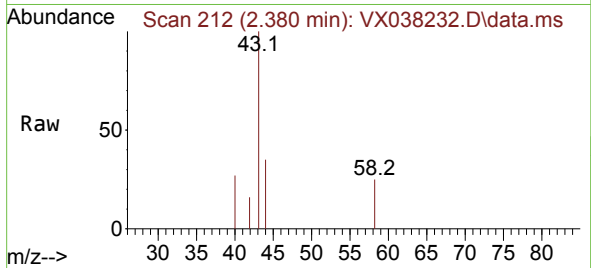




#16
Acetone
Concen: 1.334 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

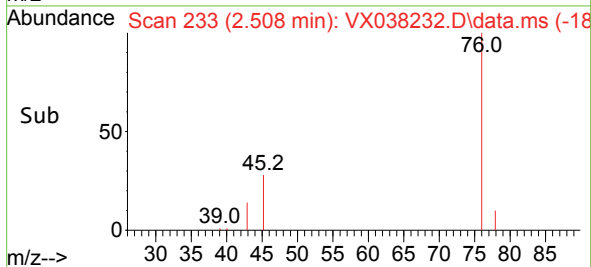
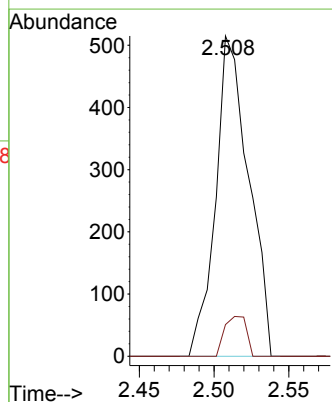
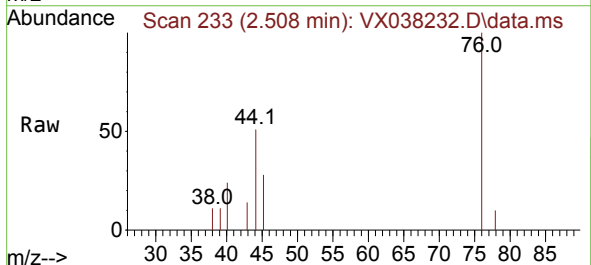
Instrument :
MSVOA_X
ClientSampleId :

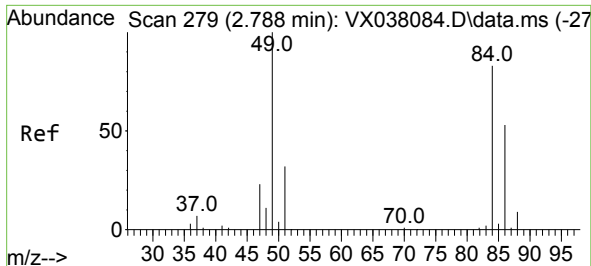
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 24.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

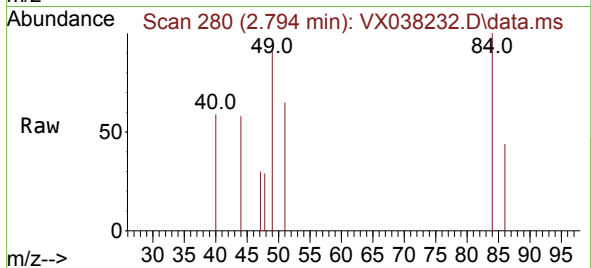
Tgt Ion: 76 Resp: 792
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6





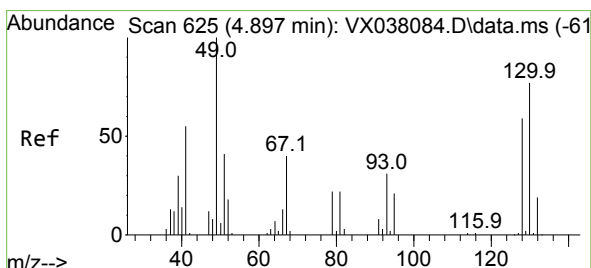
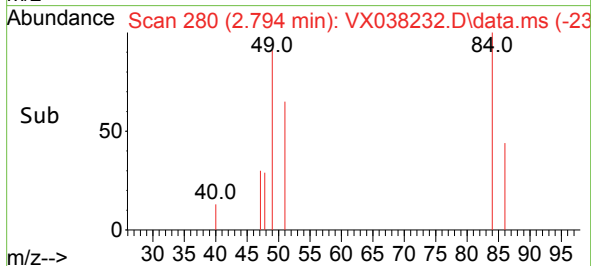
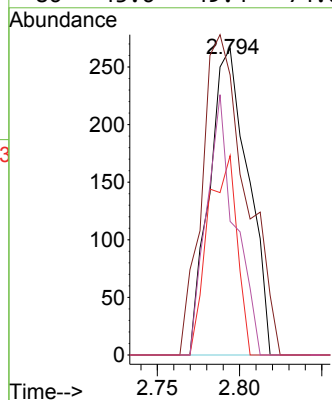
#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 435

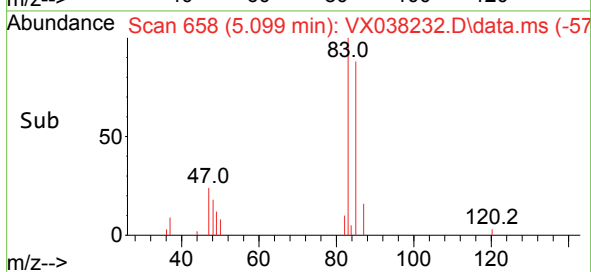
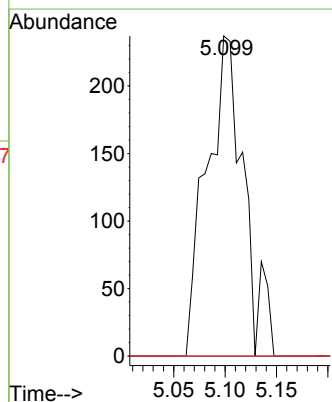
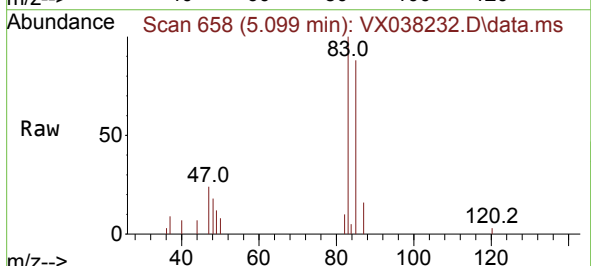
Ion	Ratio	Lower	Upper
84	100		
49	91.4	103.6	155.4#
51	65.0	33.8	50.6#
86	43.6	49.4	74.0#

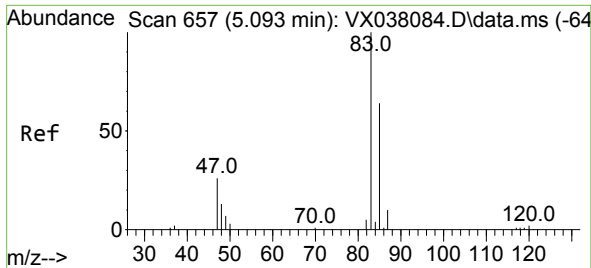


#28
Bromochloromethane
Concen: 0.585 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.202 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion: 49 Resp: 595

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3#

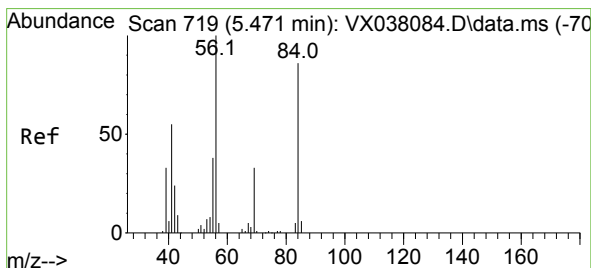
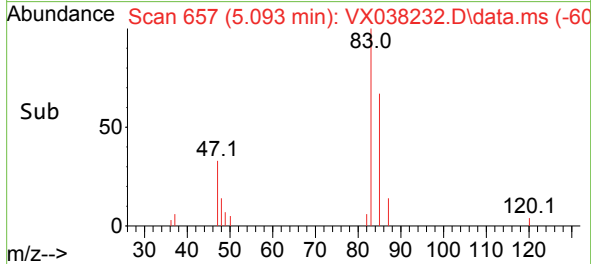
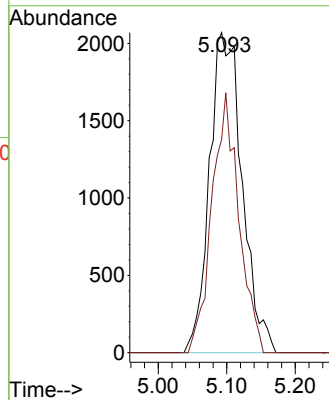
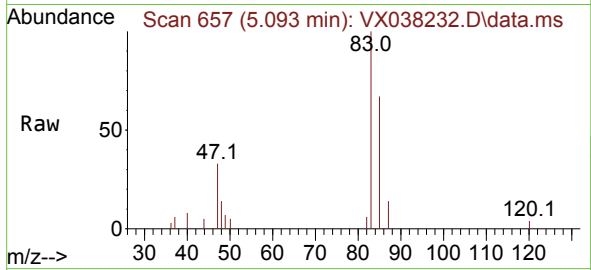




#30
Chloroform
Concen: 2.771 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

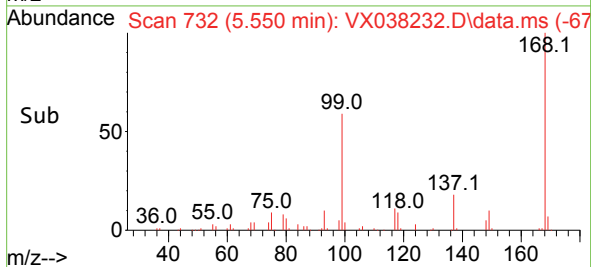
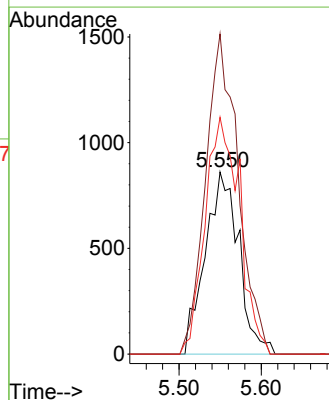
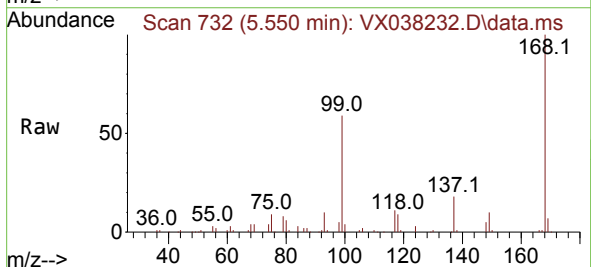
Instrument :
MSVOA_X
ClientSampleId :

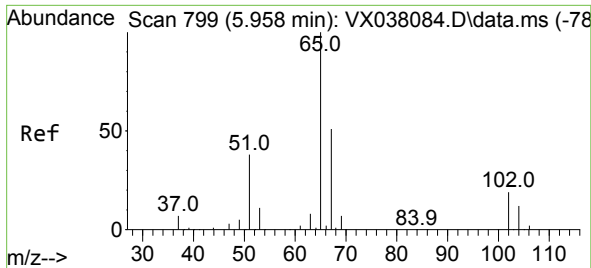
Tgt Ion: 83 Resp: 6831
Ion Ratio Lower Upper
83 100
85 66.7 50.3 75.5



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion: 56 Resp: 2448
Ion Ratio Lower Upper
56 100
69 175.8 23.4 35.2#
84 130.1 65.9 98.9#

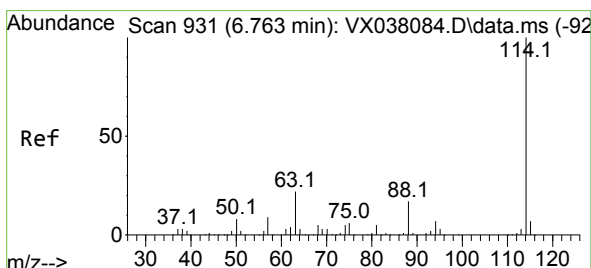
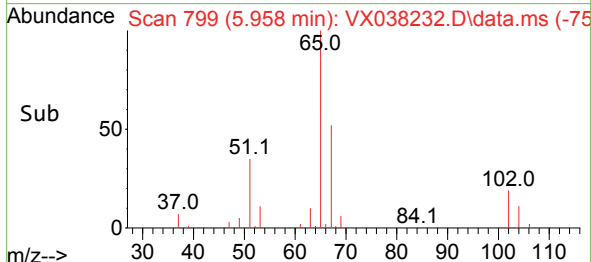
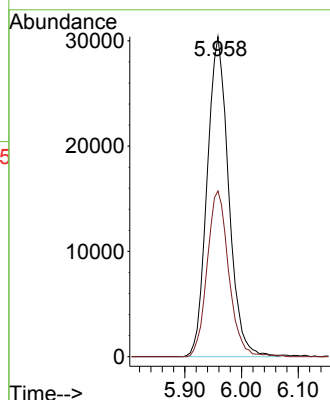
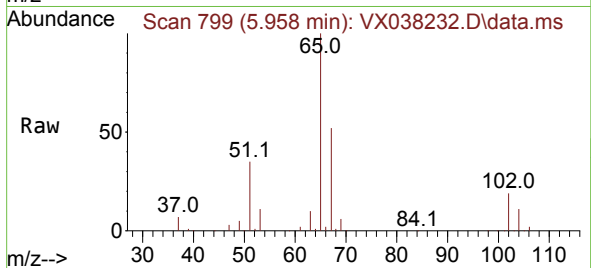




#33
 1,2-Dichloroethane-d4
 Concen: 45.871 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038232.D
 Acq: 11 Oct 2023 16:19

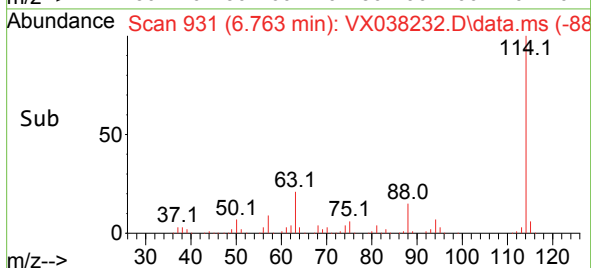
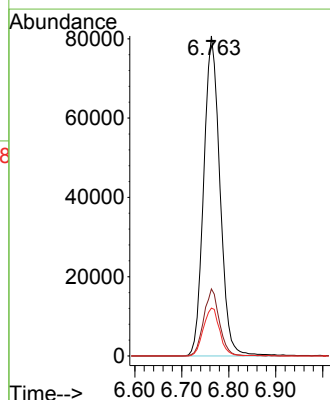
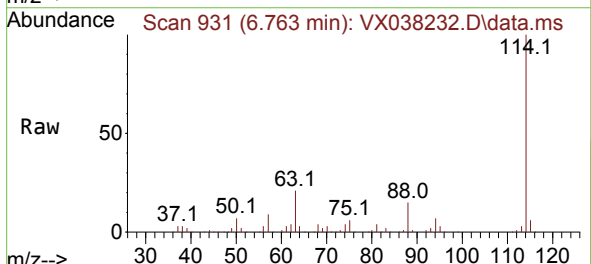
Instrument :
 MSVOA_X
 ClientSampleId :

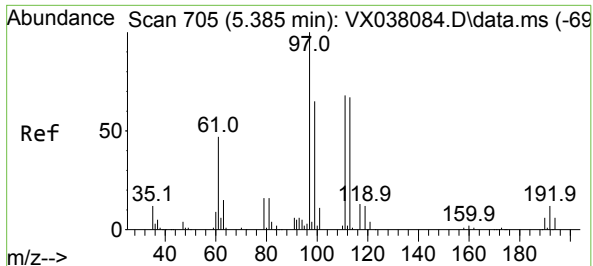
Tgt Ion: 65 Resp: 79901
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038232.D
 Acq: 11 Oct 2023 16:19

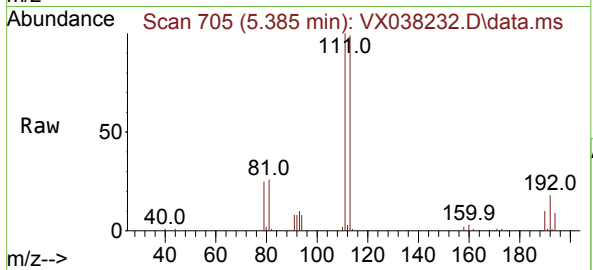
Tgt Ion:114 Resp: 193357
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 14.9 0.0 36.6



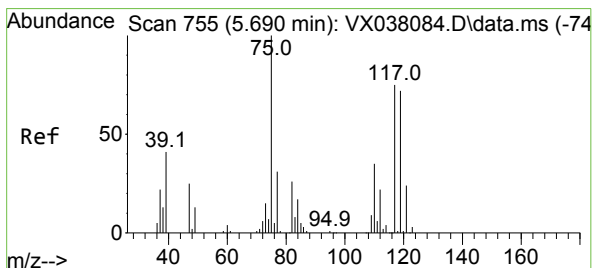
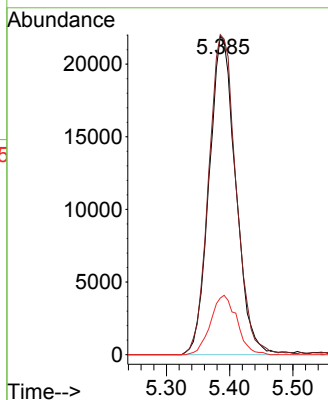
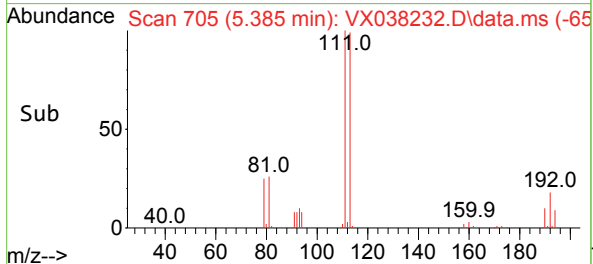


#35
Dibromofluoromethane
Concen: 45.829 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

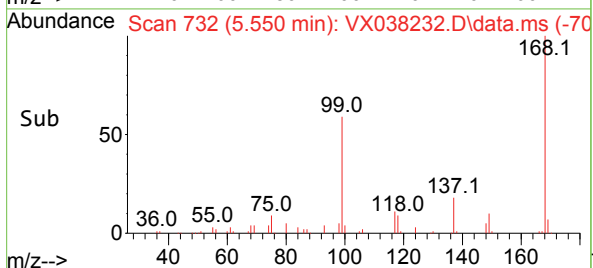
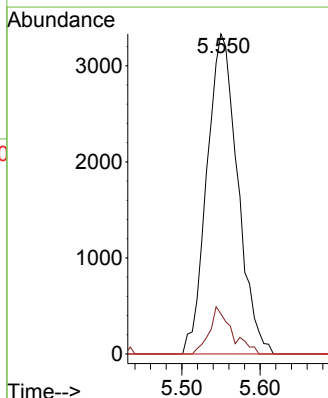
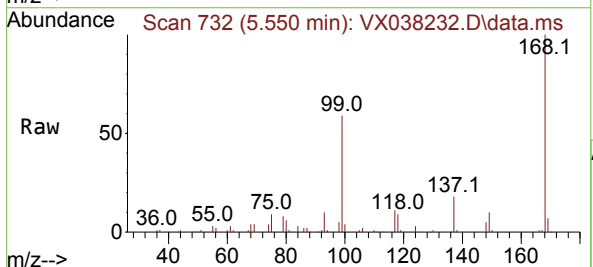


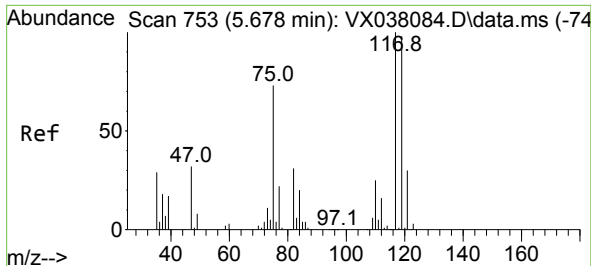
Tgt Ion:113 Resp: 63851
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

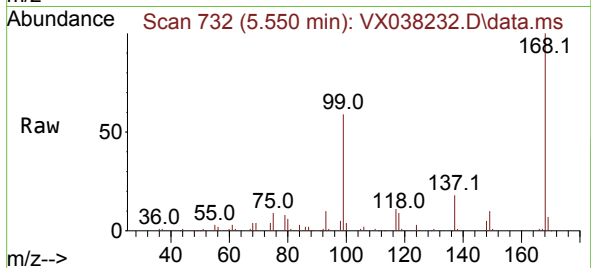
Tgt Ion: 75 Resp: 9085
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



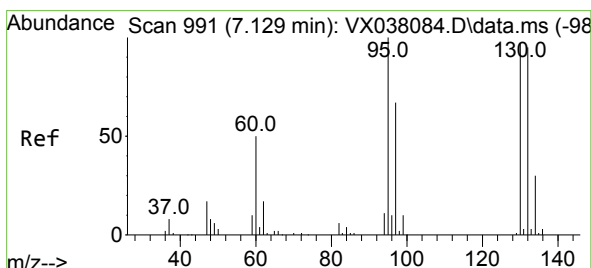
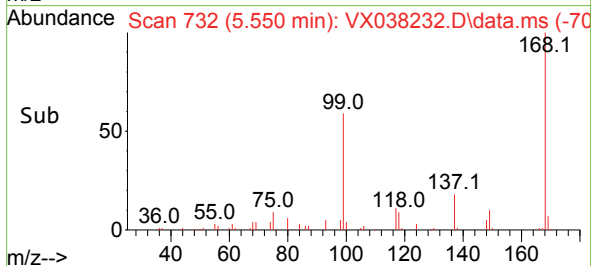
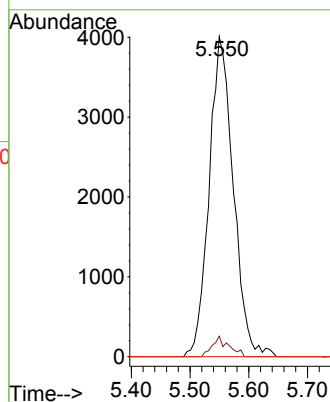


#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

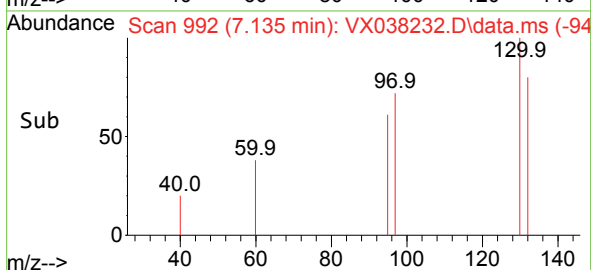
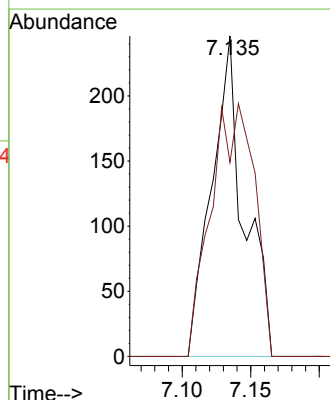
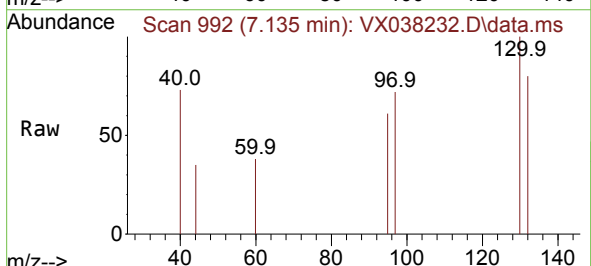


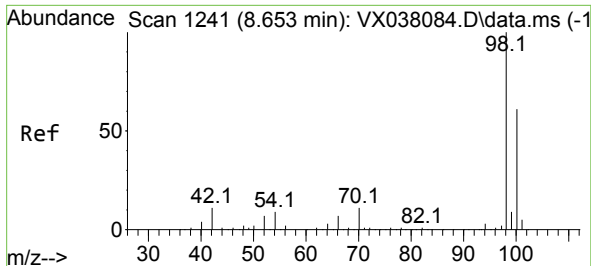
Tgt Ion:117 Resp: 11489
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.287 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion:130 Resp: 404
Ion Ratio Lower Upper
130 100
95 60.6 0.0 204.4

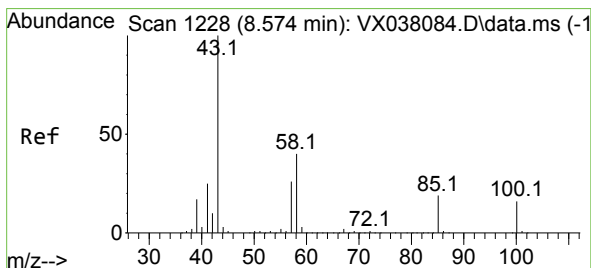
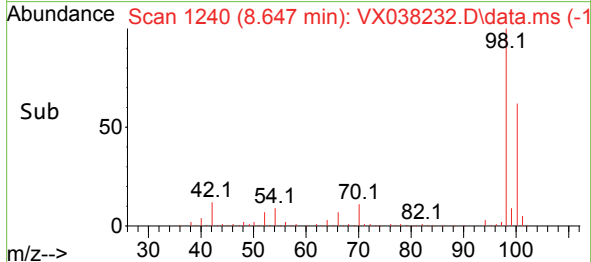
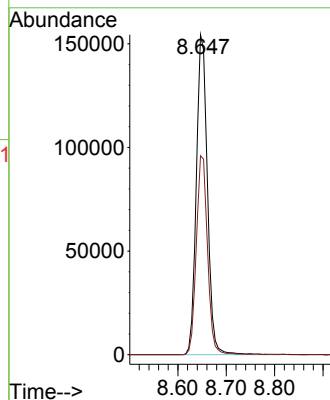
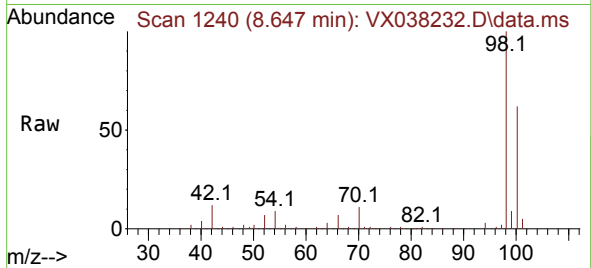




#50
Toluene-d8
Concen: 46.075 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

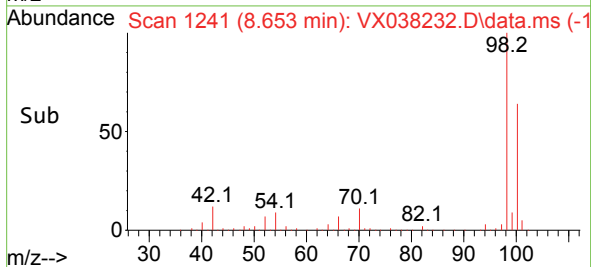
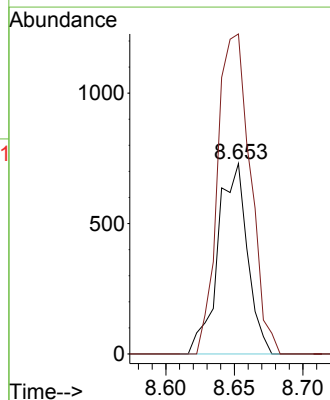
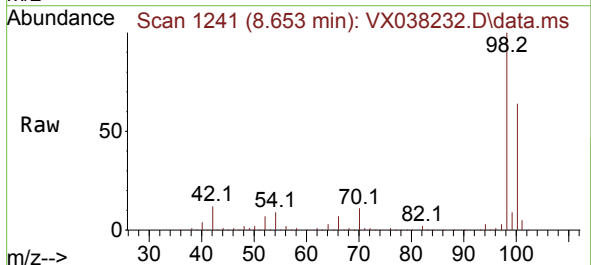
Instrument :
MSVOA_X
ClientSampleId :

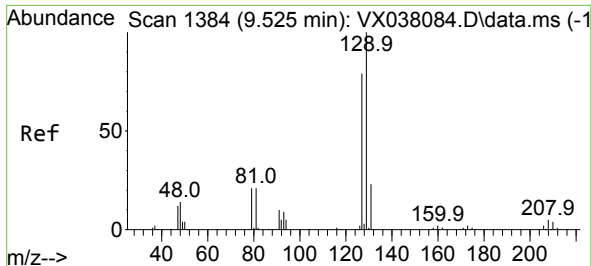
Tgt Ion: 98 Resp: 245304
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 185.9 30.4 45.6#

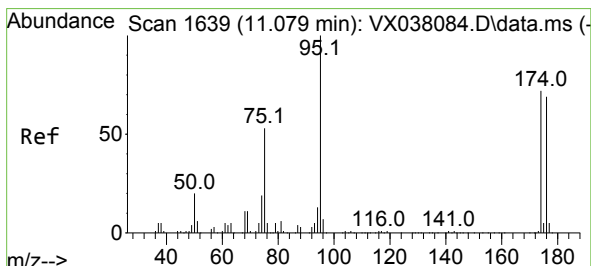
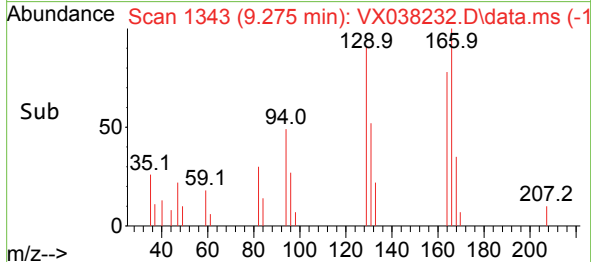
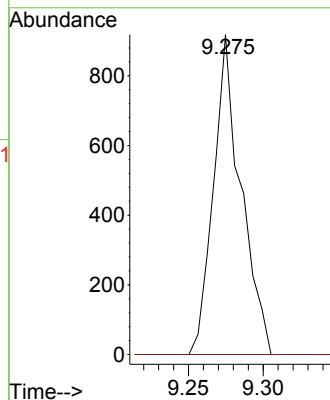
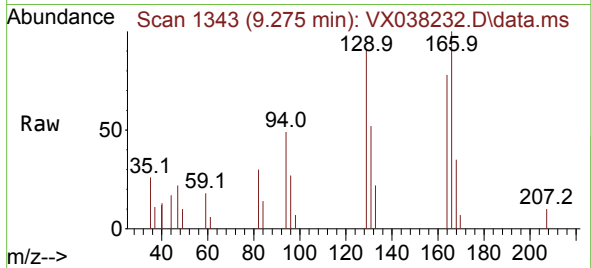




#60
Dibromochloromethane
Concen: 0.799 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

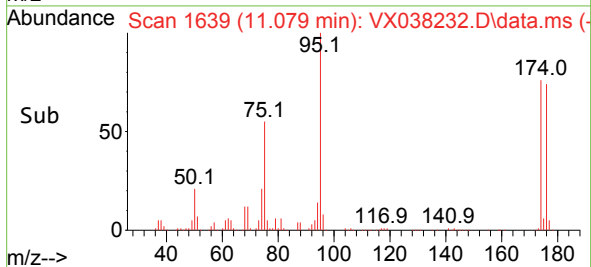
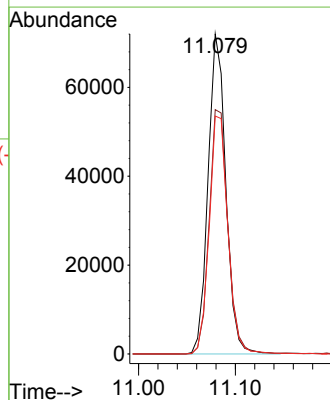
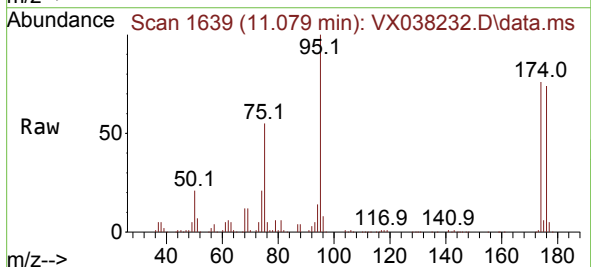
Instrument :
MSVOA_X
ClientSampleId :

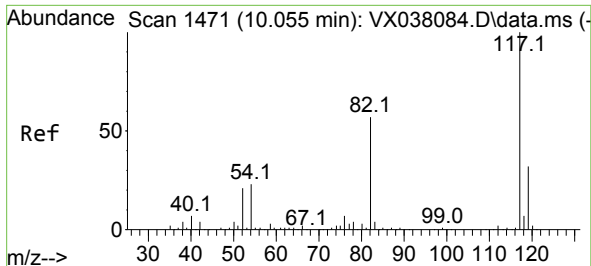
Tgt Ion:129 Resp: 1171
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Tgt Ion: 95 Resp: 92151
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 78.2 0.0 131.0

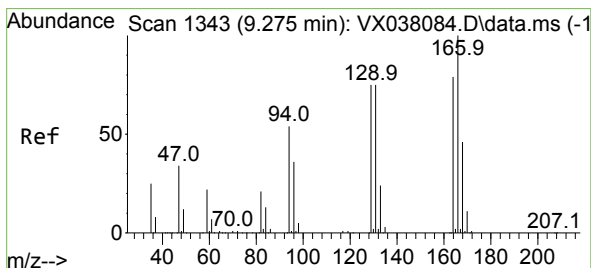
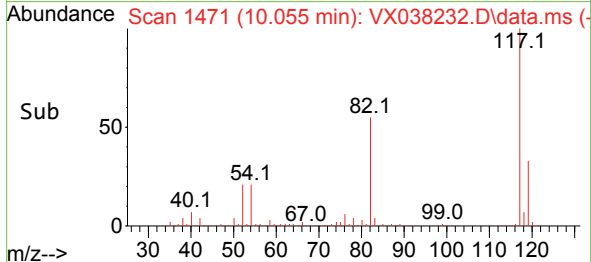
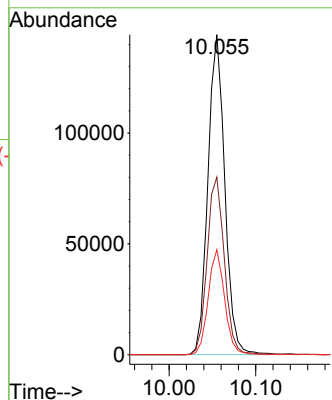
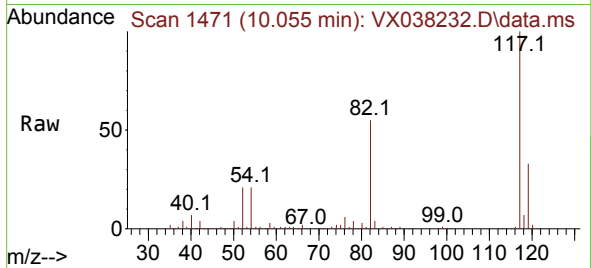




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

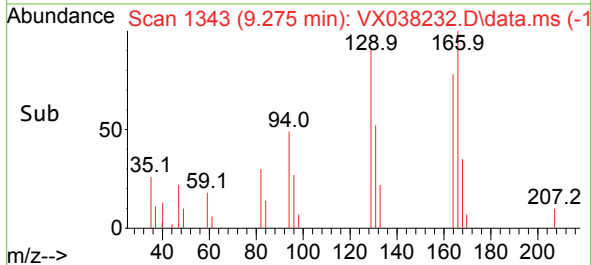
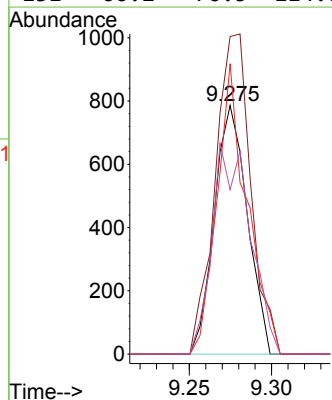
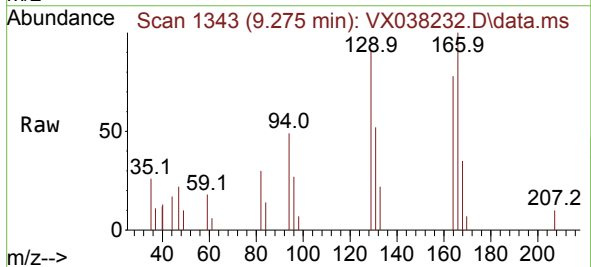
Instrument :
MSVOA_X
ClientSampleId :

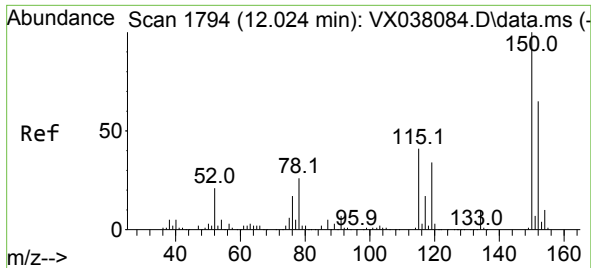
Tgt Ion:117 Resp: 195523
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.865 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

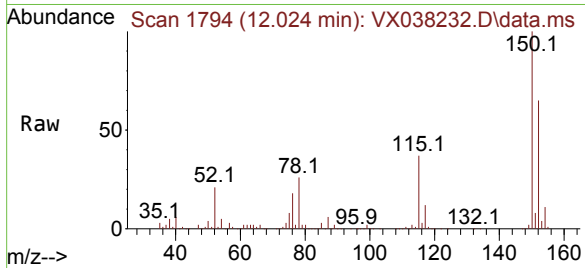
Tgt Ion:164 Resp: 1095
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 116.8 80.4 120.6
131 66.2 76.5 114.7#



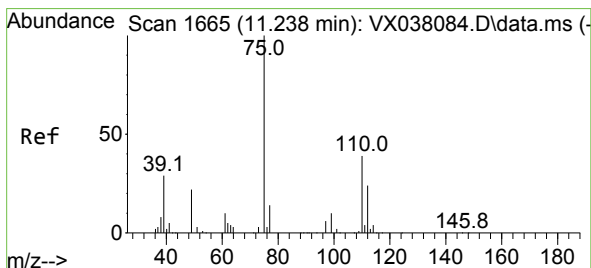
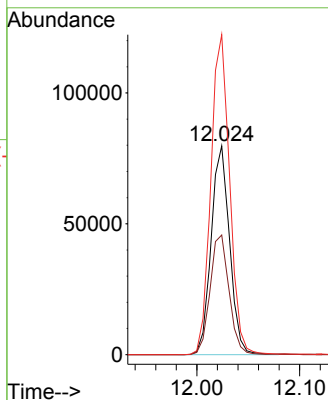
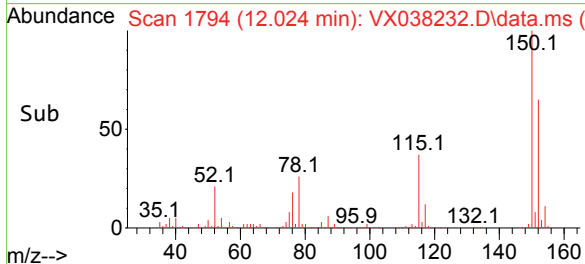


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :

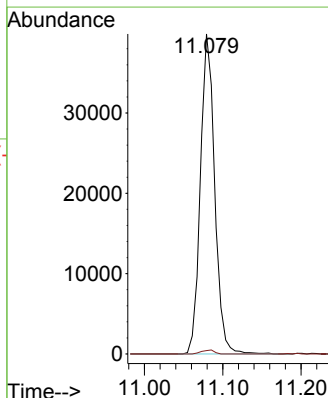
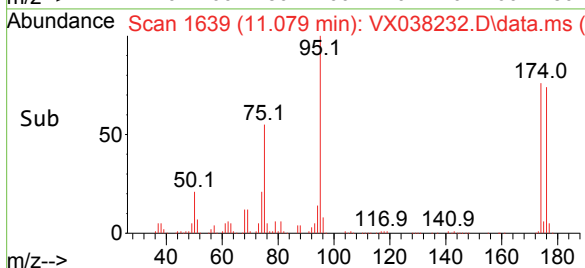
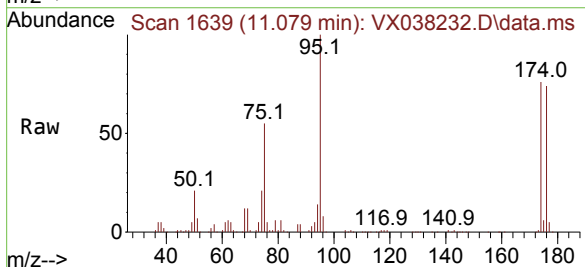


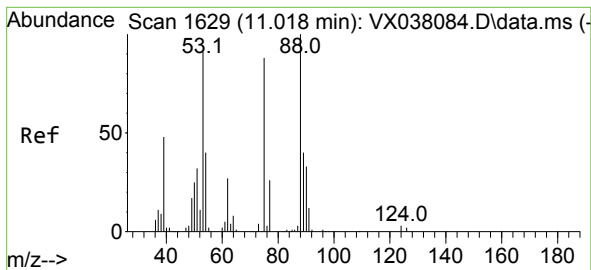
Tgt Ion:152 Resp: 99356
Ion Ratio Lower Upper
152 100
115 59.0 43.3 129.9
150 156.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038232.D
Acq: 11 Oct 2023 16:19

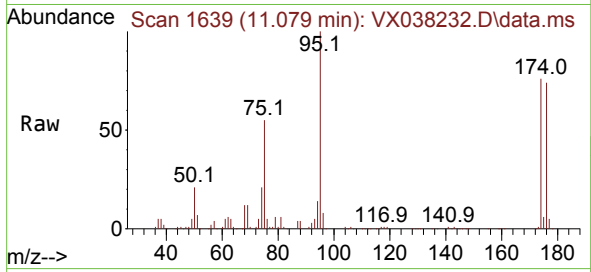
Tgt Ion: 75 Resp: 50540
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.098 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038232.D
 Acq: 11 Oct 2023 16:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50540
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

