

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038260.D
 Acq On : 12 Oct 2023 16:36
 Operator : JC/MD
 Sample : 04875-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:52:25 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)

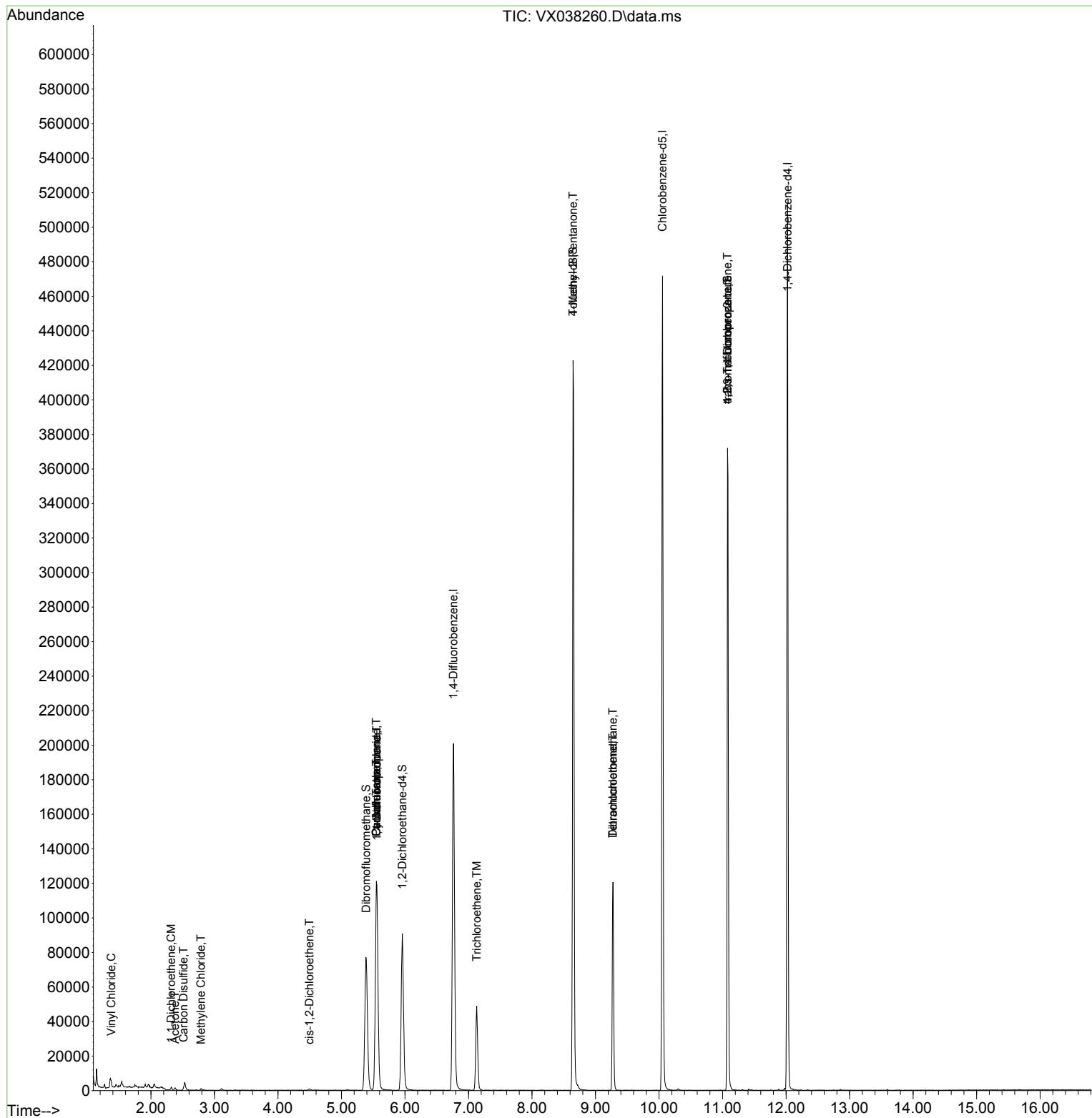
Internal Standards						
1) Pentafluorobenzene	5.550	168	113259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84530	46.402	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.800%
35) Dibromofluoromethane	5.385	113	65733	44.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.000%
50) Toluene-d8	8.647	98	258811	46.365	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.720%
62) 4-Bromofluorobenzene	11.079	95	96873	45.777	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	272	0.220	ug/l #	43
5) Bromomethane	1.538	94	22	Below Cal	#	3
6) Chloroethane	1.684	64	145	Below Cal	#	43
12) 1,1-Dichloroethene	2.318	96	539	0.520	ug/l #	78
16) Acetone	2.379	43	1589	2.090	ug/l #	89
17) Carbon Disulfide	2.514	76	908	0.304	ug/l #	76
20) Methylene Chloride	2.788	84	401	0.280	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	516	0.338	ug/l	82
31) Cyclohexane	5.550	56	2779	1.408	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	9504	4.718	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11812	5.961	ug/l #	16
44) Trichloroethene	7.129	130	17724	12.027	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1181	0.479	ug/l #	1
60) Dibromochloromethane	9.275	129	20795	13.535	ug/l #	11
64) Tetrachloroethene	9.275	164	21443	16.010	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	54250	22.753	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54250	65.112	ug/l #	5

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

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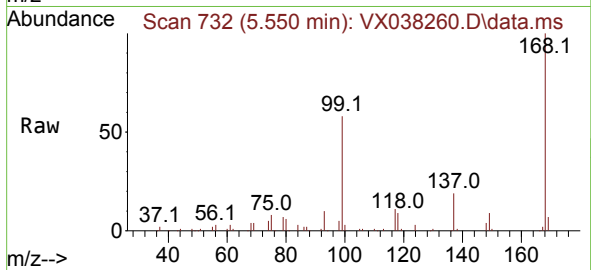
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



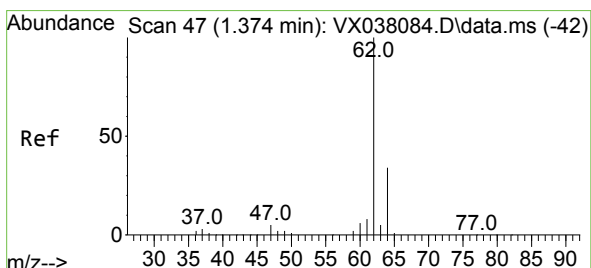
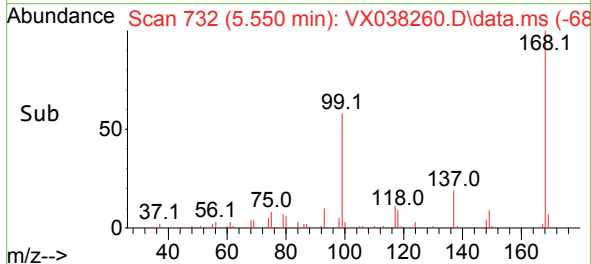
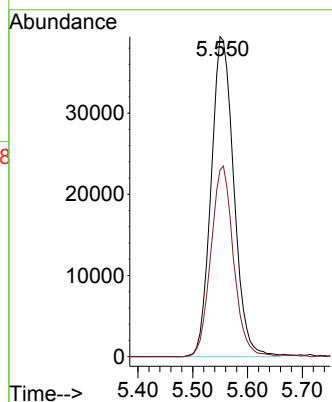


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

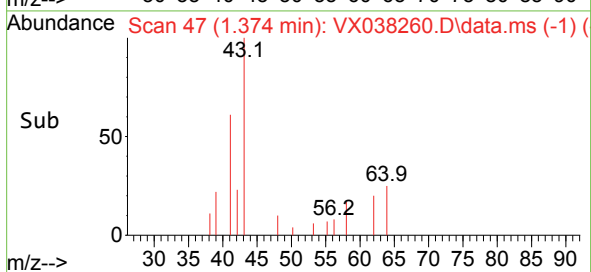
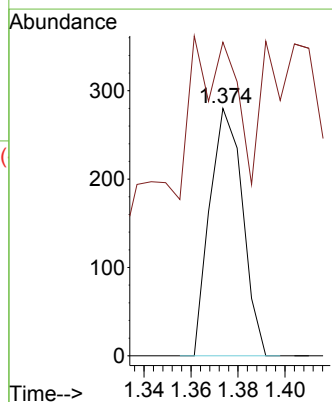
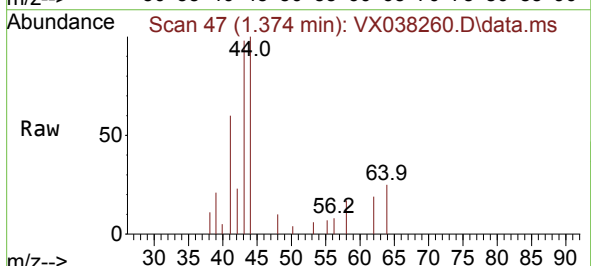


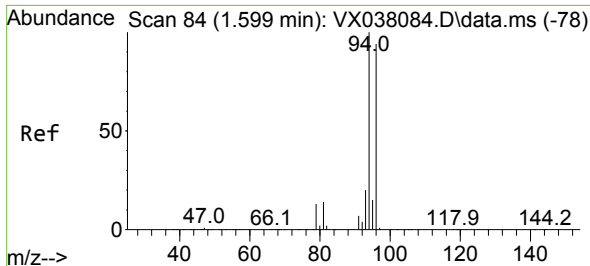
Tgt Ion:168 Resp: 113259
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#4
Vinyl Chloride
Concen: 0.220 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Tgt Ion: 62 Resp: 272
Ion Ratio Lower Upper
62 100
64 63.6 25.4 38.0#

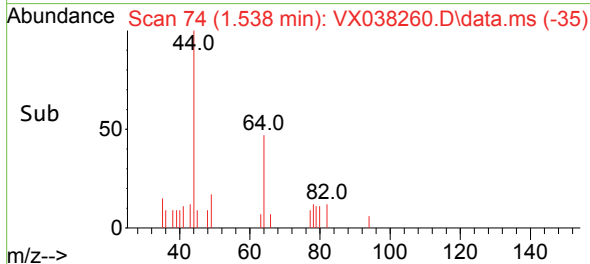
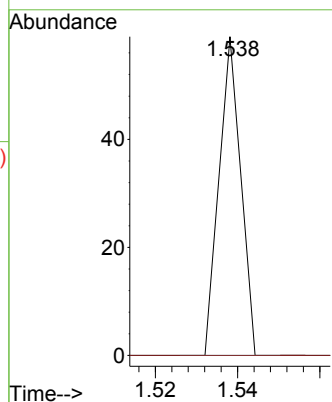
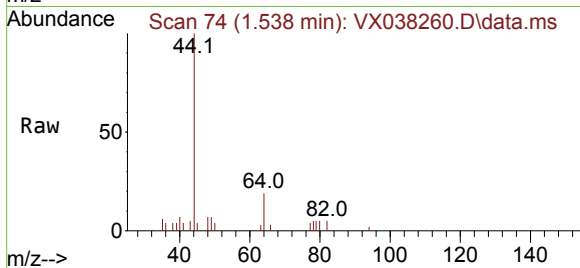




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

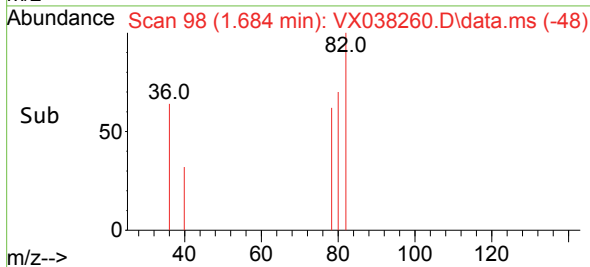
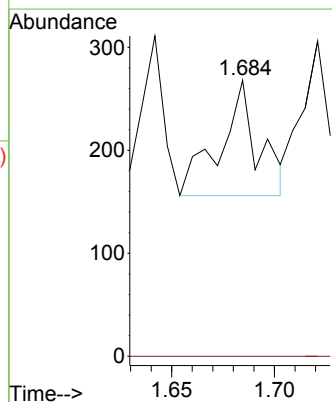
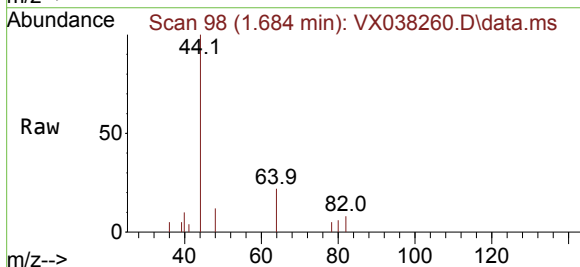
Instrument :
MSVOA_X
ClientSampleId :

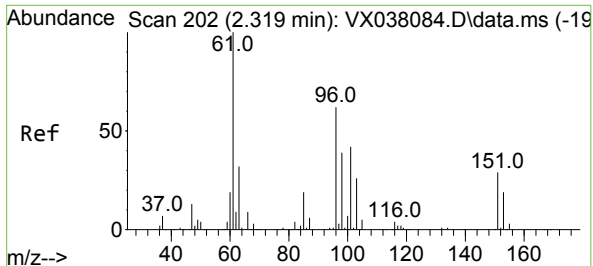
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#12

1,1-Dichloroethene

Concen: 0.520 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX038260.D

Acq: 12 Oct 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

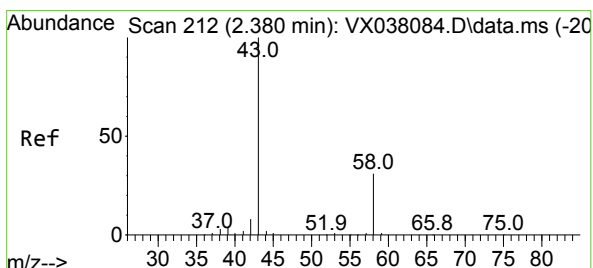
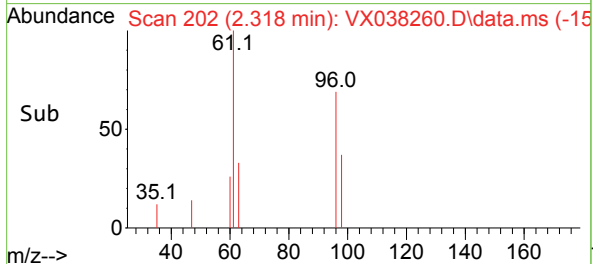
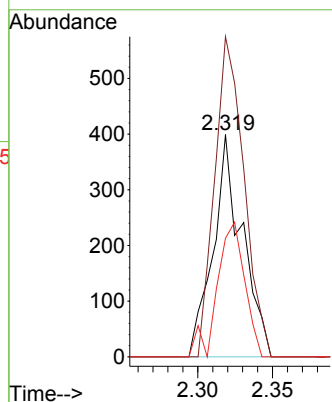
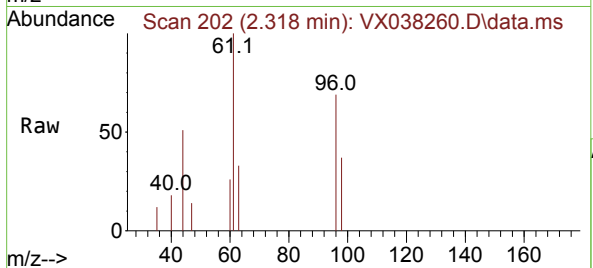
Tgt Ion: 96 Resp: 539

Ion Ratio Lower Upper

96 100

61 144.1 144.6 216.8#

98 53.4 50.4 75.6



#16

Acetone

Concen: 2.090 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX038260.D

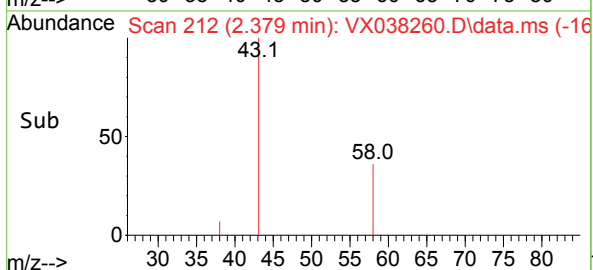
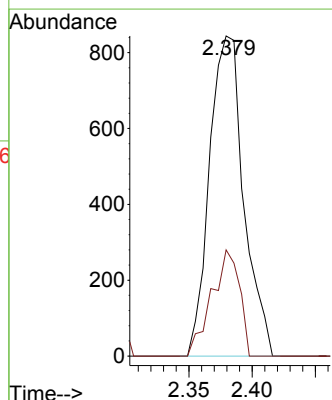
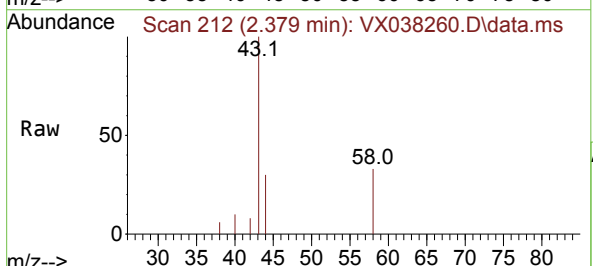
Acq: 12 Oct 2023 16:36

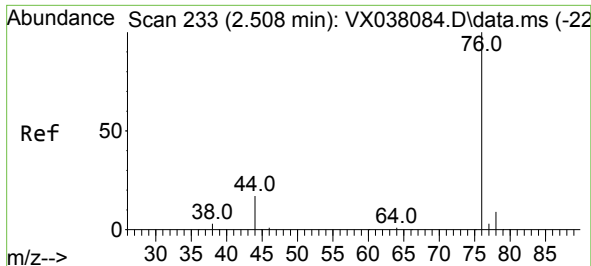
Tgt Ion: 43 Resp: 1589

Ion Ratio Lower Upper

43 100

58 33.2 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.304 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

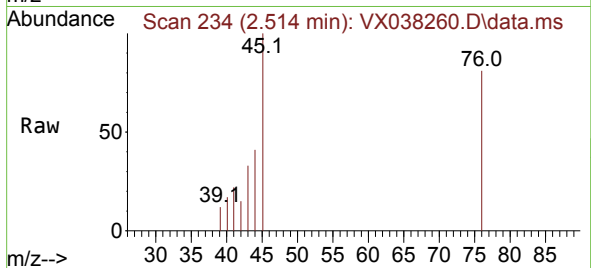
Lab File: VX038260.D

Acq: 12 Oct 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

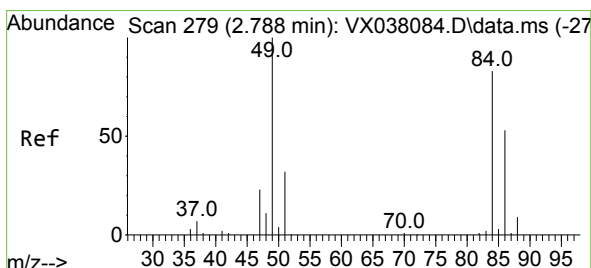
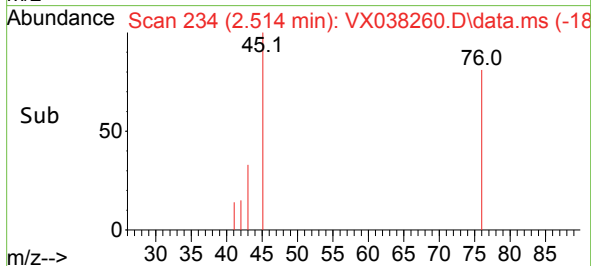
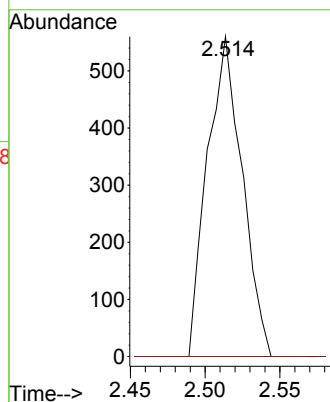


Tgt Ion: 76 Resp: 908

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.280 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038260.D

Acq: 12 Oct 2023 16:36

Tgt Ion: 84 Resp: 401

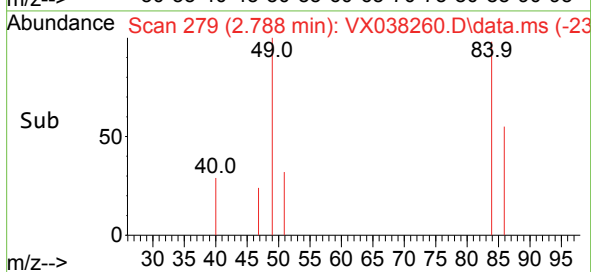
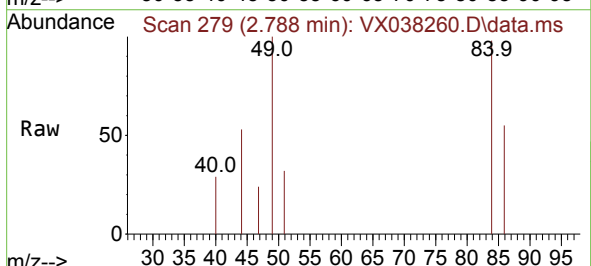
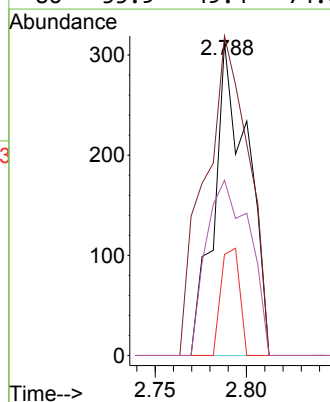
Ion Ratio Lower Upper

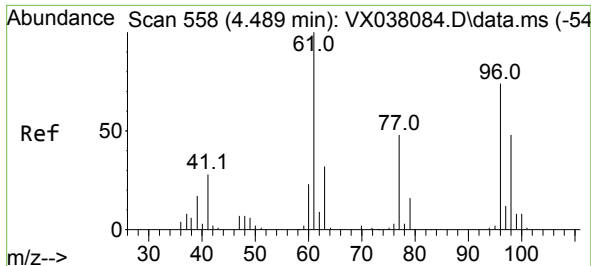
84 100

49 101.9 103.6 155.4#

51 32.3 33.8 50.6#

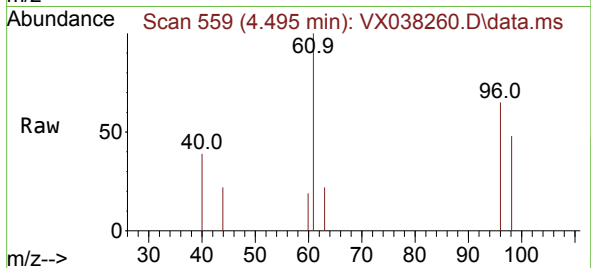
86 55.9 49.4 74.0



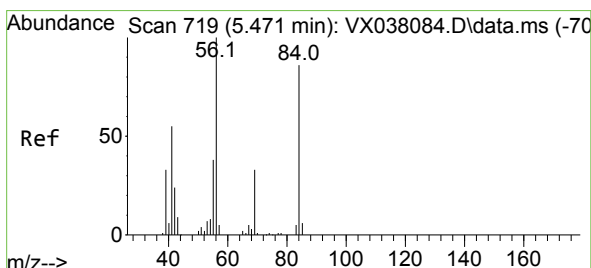
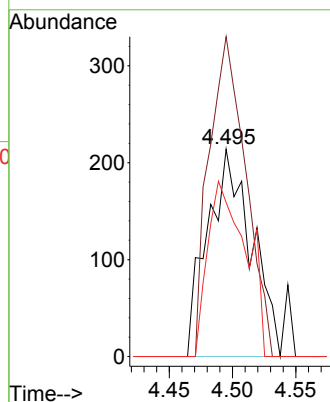
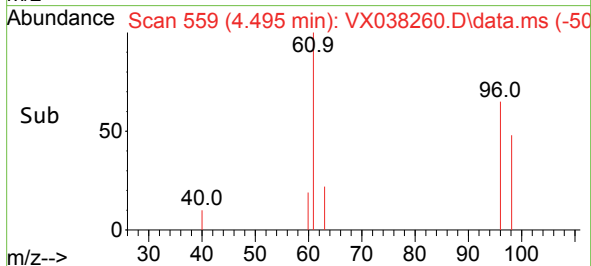


#27
 cis-1,2-Dichloroethene
 Concen: 0.338 ug/l
 RT: 4.495 min Scan# 516
 Delta R.T. 0.006 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

Instrument :
 MSVOA_X
 ClientSampleId :

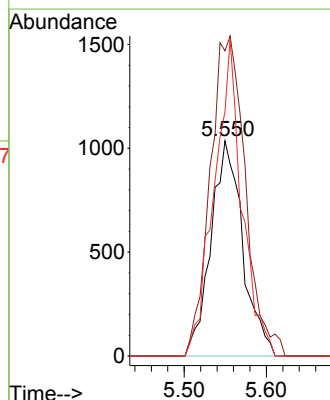
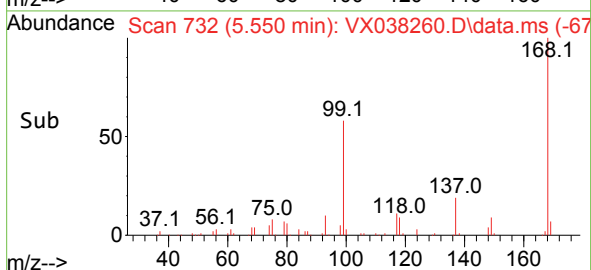
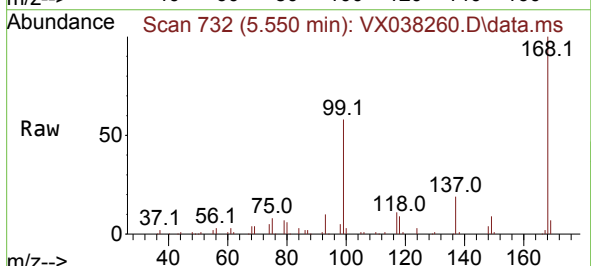


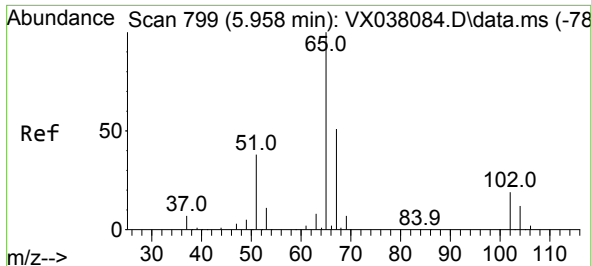
Tgt Ion: 96	Resp: 516
Ion Ratio	Lower Upper
96	100
61	129.3 0.0 312.2
98	73.4 0.0 129.0



#31
 Cyclohexane
 Concen: 1.408 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

Tgt Ion: 56	Resp: 2779
Ion Ratio	Lower Upper
56	100
69	141.8 23.4 35.2#
84	113.6 65.9 98.9#

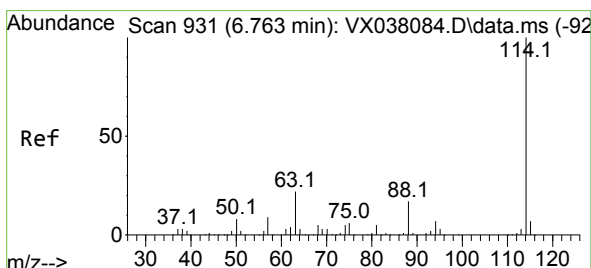
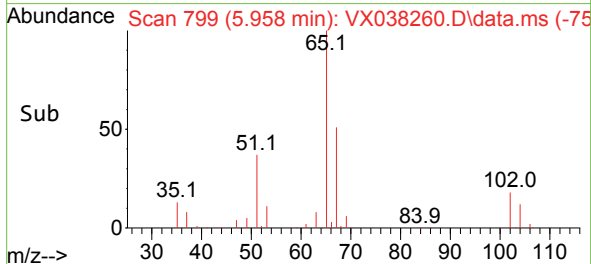
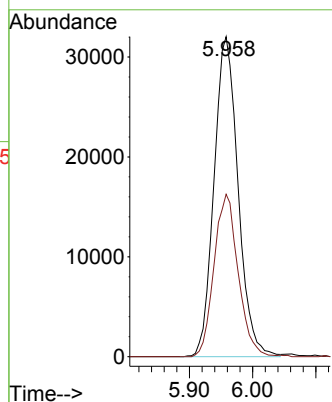
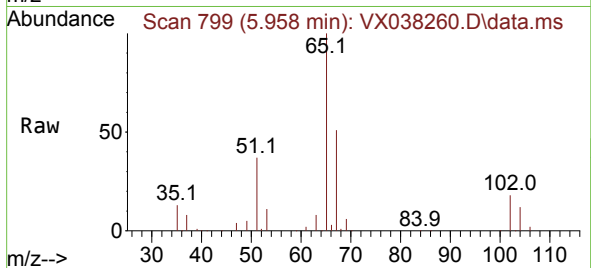




#33
 1,2-Dichloroethane-d4
 Concen: 46.402 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

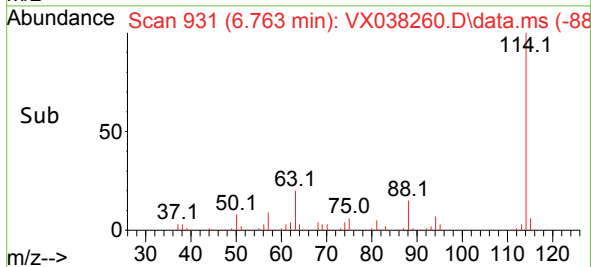
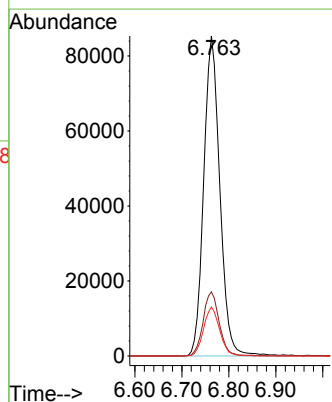
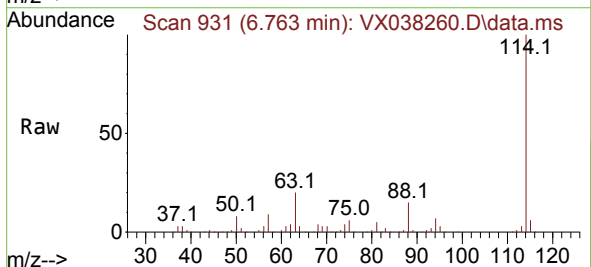
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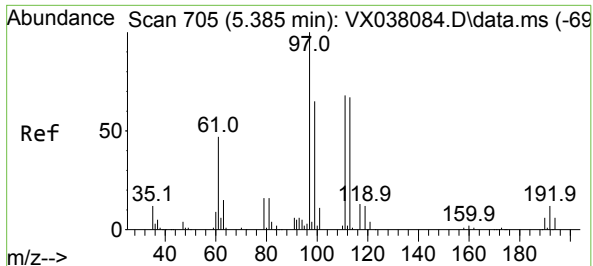
Tgt Ion: 65 Resp: 84530
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

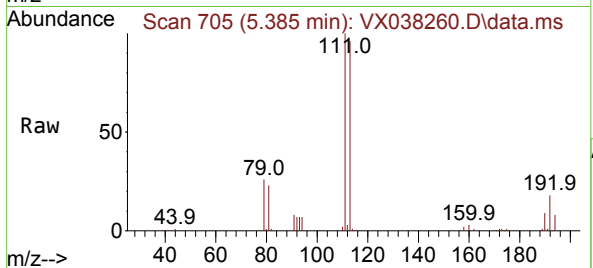
Tgt Ion:114 Resp: 202729
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 15.3 0.0 36.6



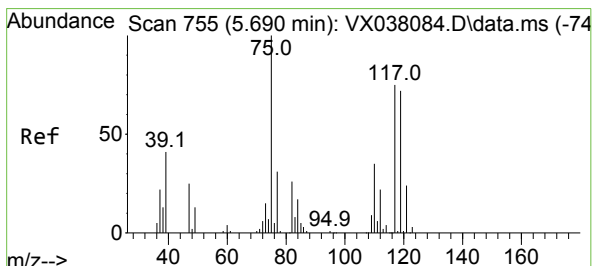
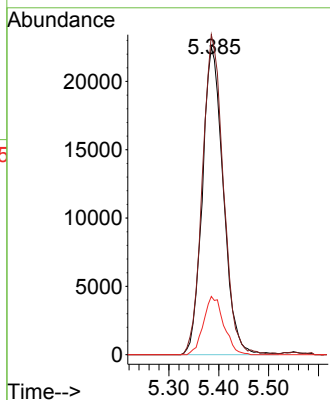
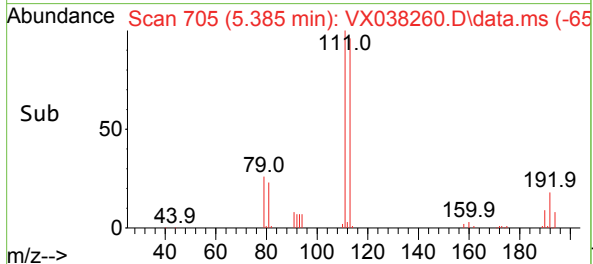


#35
Dibromofluoromethane
Concen: 44.998 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

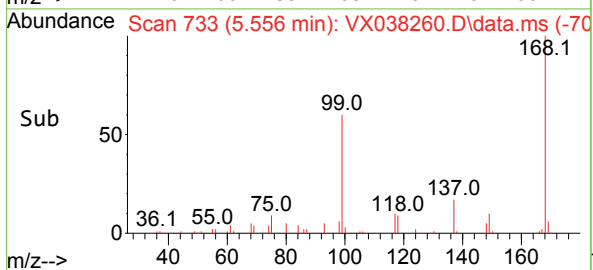
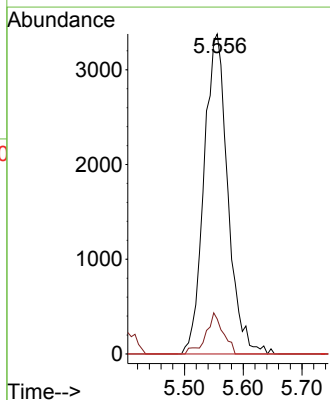
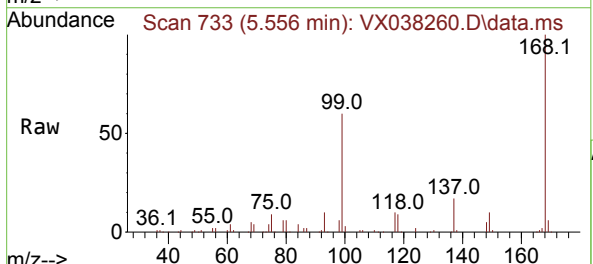


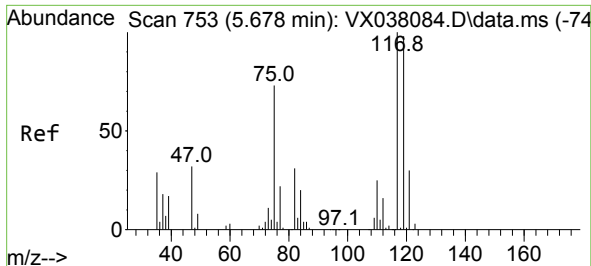
Tgt Ion:113 Resp: 65733
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

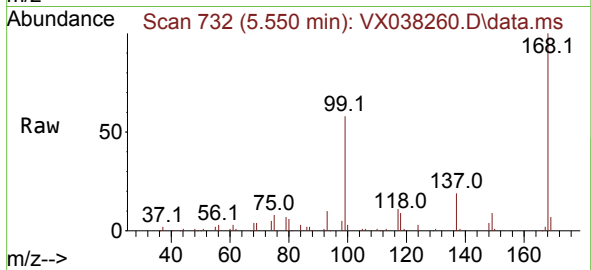
Tgt Ion: 75 Resp: 9504
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



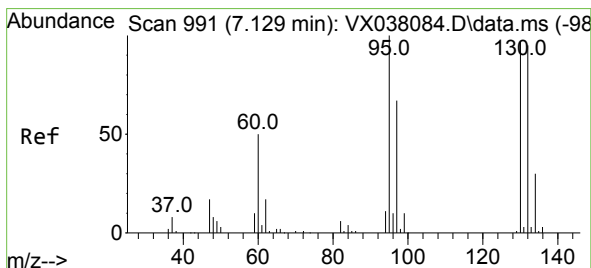
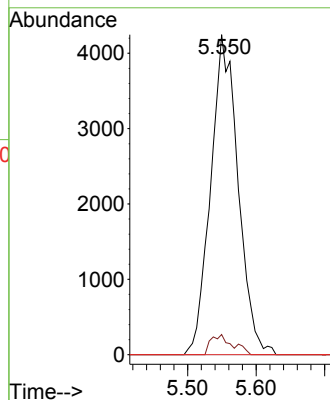
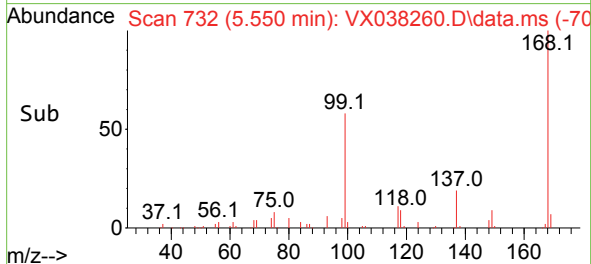


#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

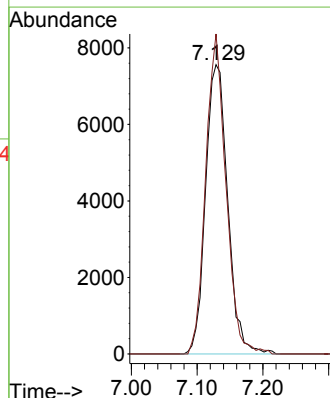
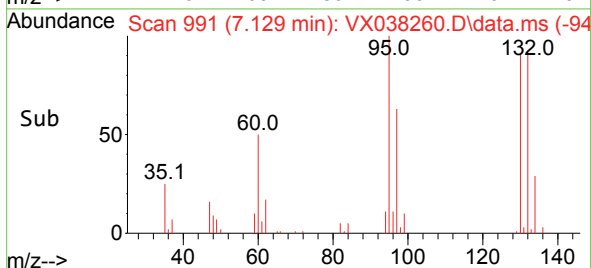
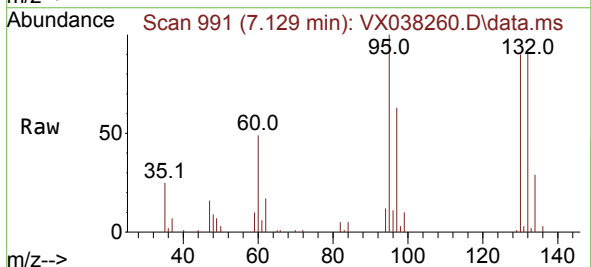


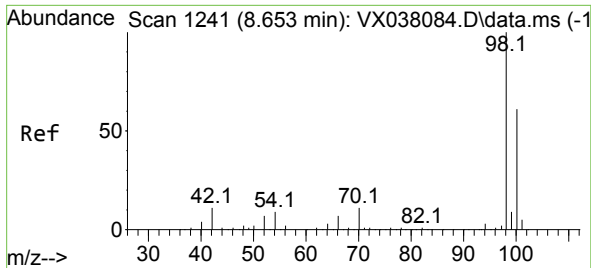
Tgt Ion:117 Resp: 11812
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 12.027 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Tgt Ion:130 Resp: 17724
Ion Ratio Lower Upper
130 100
95 110.6 0.0 204.4

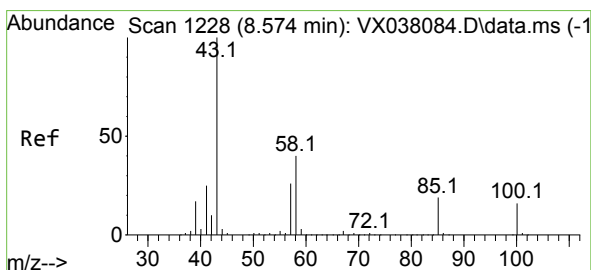
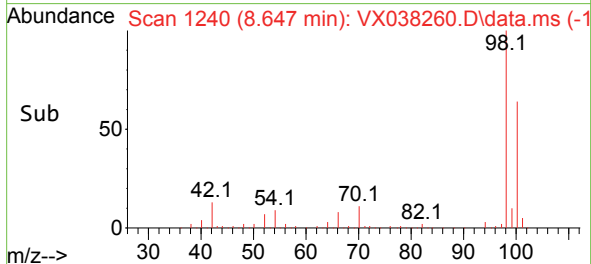
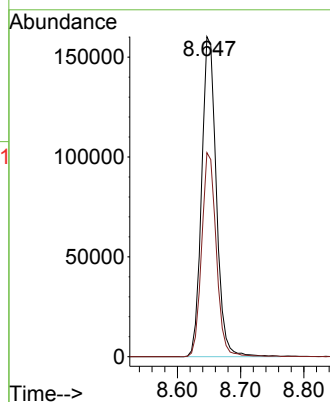
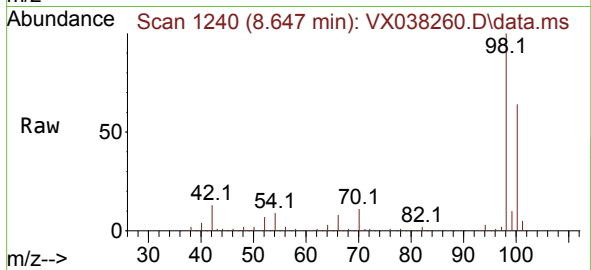




#50
Toluene-d8
Concen: 46.365 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

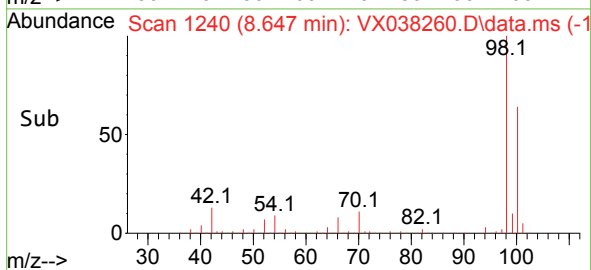
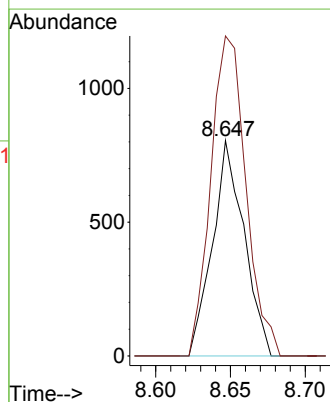
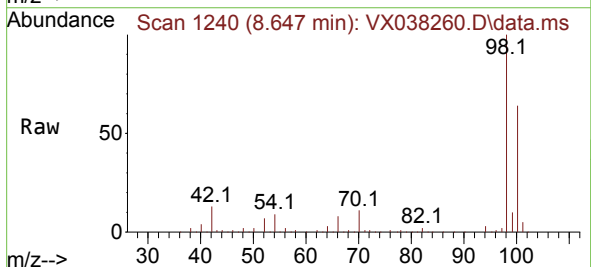
Instrument :
MSVOA_X
ClientSampleId :

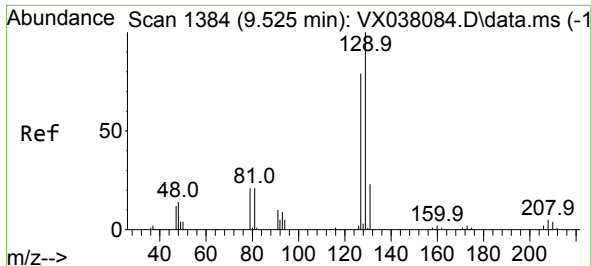
Tgt Ion: 98 Resp: 258811
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 165.5 30.4 45.6#

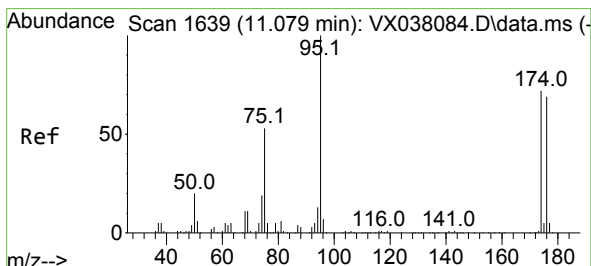
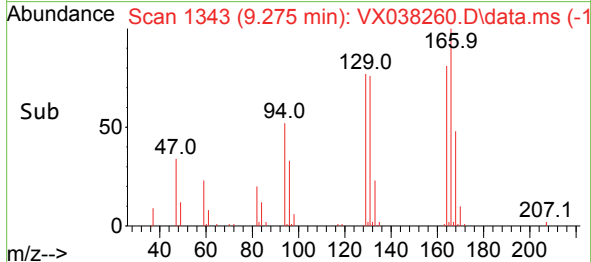
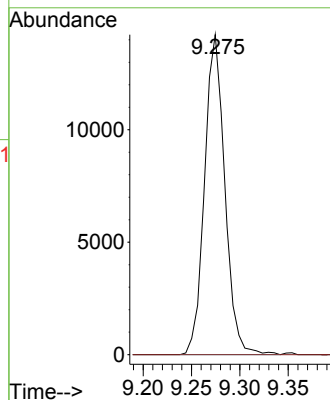
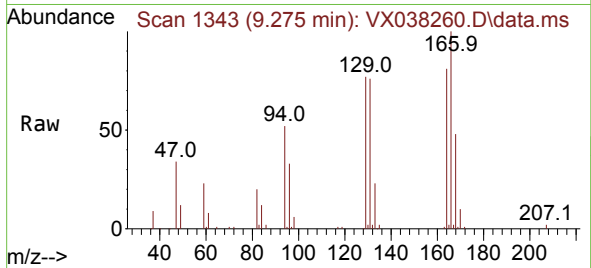




#60
Dibromochloromethane
Concen: 13.535 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

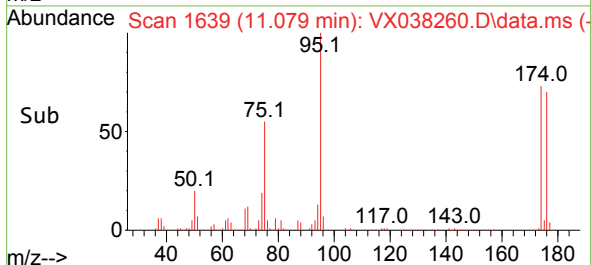
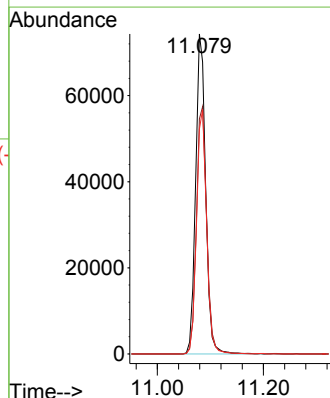
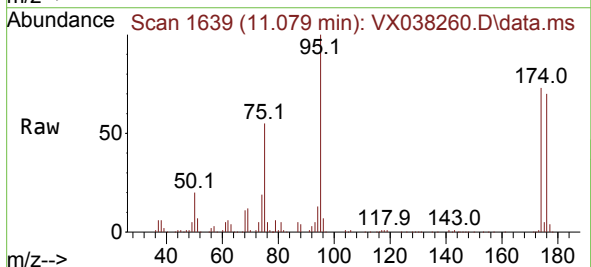
Instrument :
MSVOA_X
ClientSampleId :

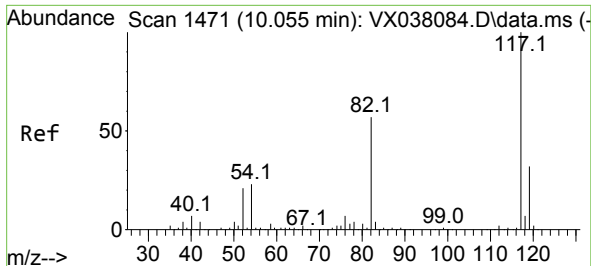
Tgt Ion:129 Resp: 20795
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

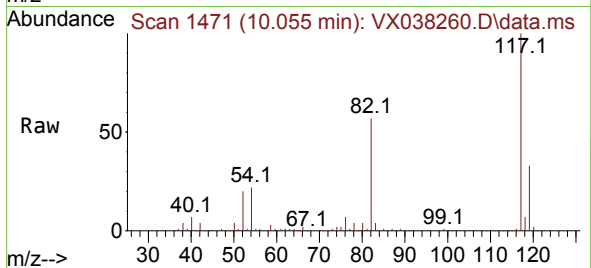
Tgt Ion: 95 Resp: 96873
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 77.0 0.0 131.0



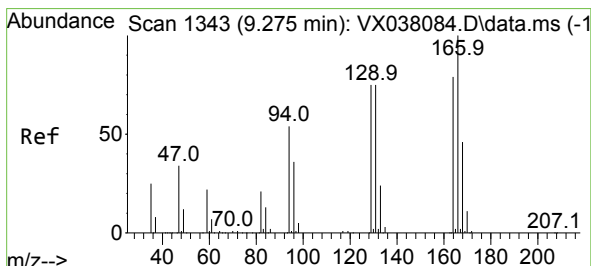
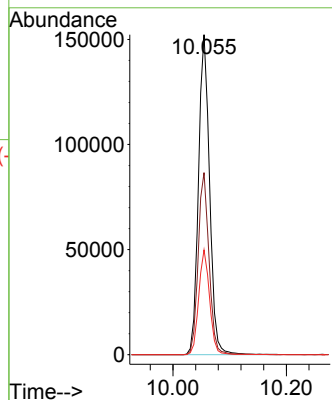
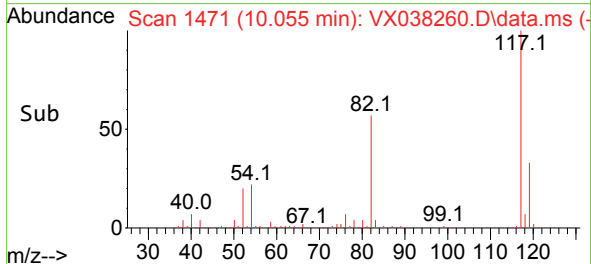


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36

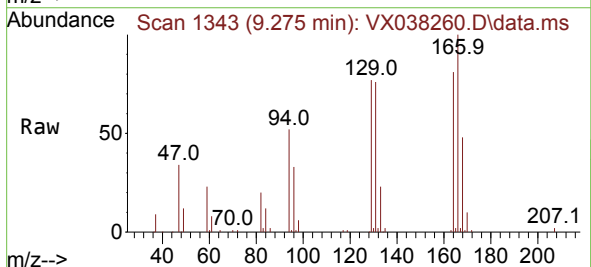
Instrument :
MSVOA_X
ClientSampleId :



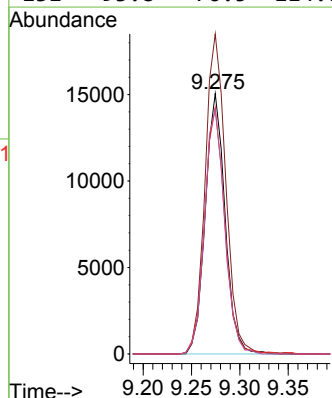
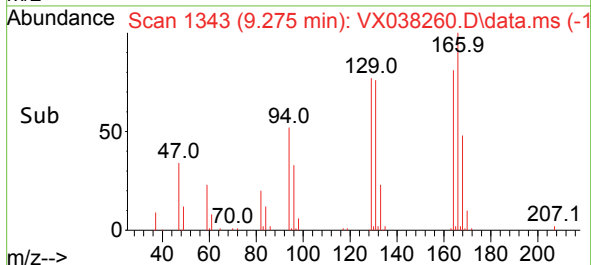
Tgt Ion:117 Resp: 206896
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.8 25.5 38.3

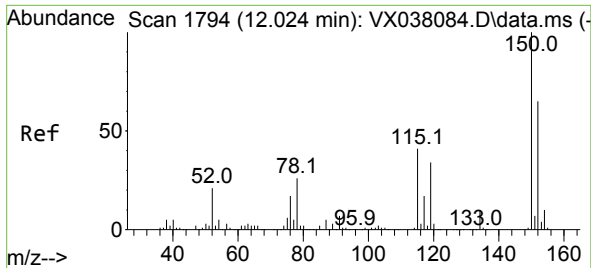


#64
Tetrachloroethene
Concen: 16.010 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038260.D
Acq: 12 Oct 2023 16:36



Tgt Ion:164 Resp: 21443
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 94.5 80.4 120.6
131 93.8 76.5 114.7

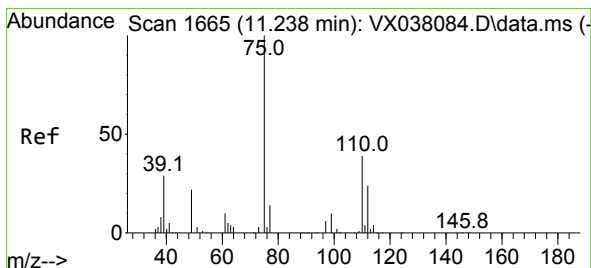
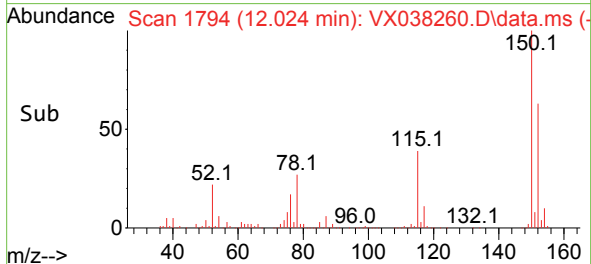
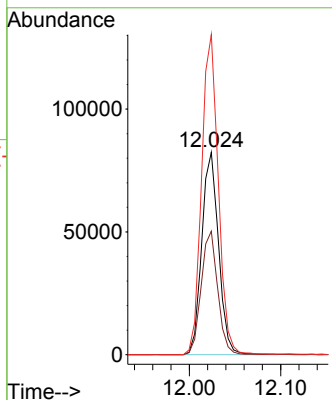
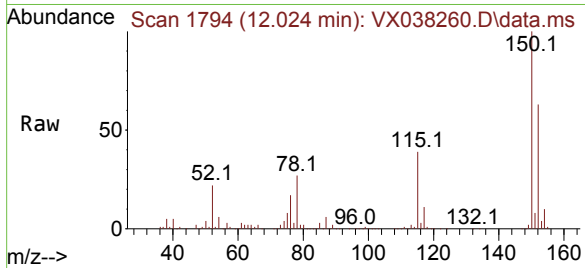




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

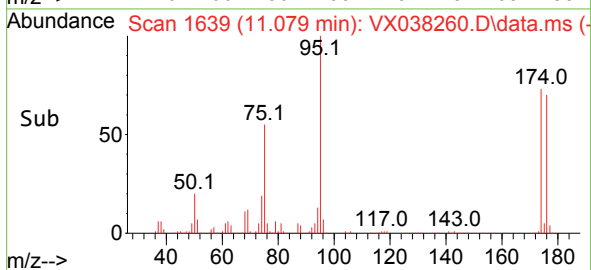
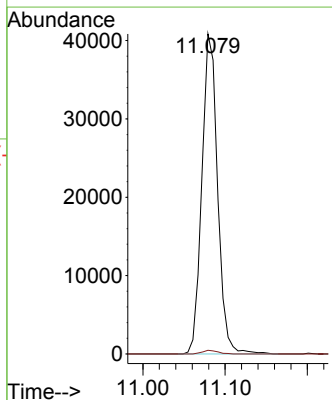
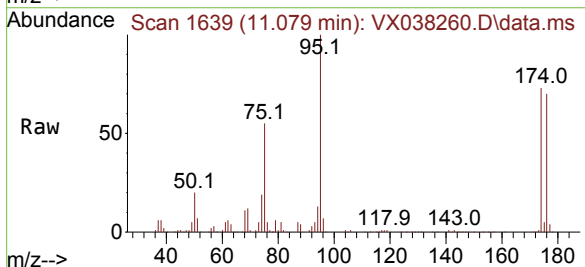
Instrument :
 MSVOA_X
 ClientSampleId :

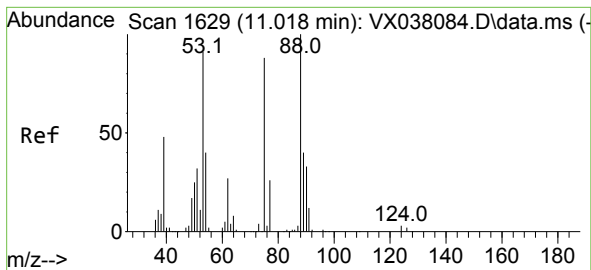
Tgt Ion:152 Resp: 104878
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 157.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.753 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

Tgt Ion: 75 Resp: 54250
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.112 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038260.D
 Acq: 12 Oct 2023 16:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 54250
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

