

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038235.D
 Acq On : 11 Oct 2023 17:28
 Operator : JC/MD
 Sample : 04803-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:48:06 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)

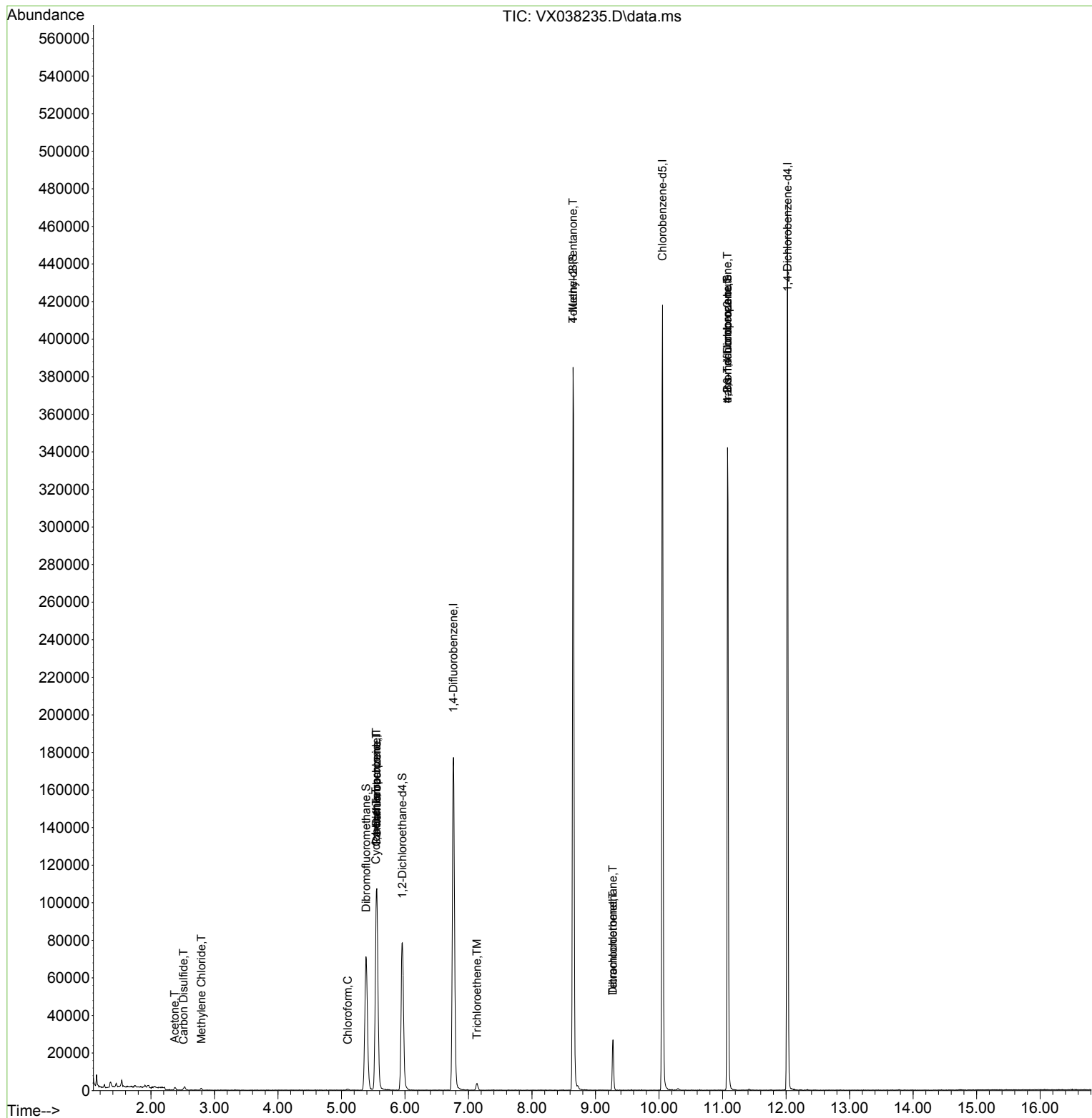
Internal Standards						
1) Pentafluorobenzene	5.556	168	102043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77576	47.265	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.540%
35) Dibromofluoromethane	5.385	113	61141	46.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.720%
50) Toluene-d8	8.647	98	232229	46.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.160%
62) 4-Bromofluorobenzene	11.079	95	87063	45.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	19	Below Cal	#	3
6) Chloroethane	1.679	64	141	Below Cal	#	43
16) Acetone	2.374	43	1762	2.572	ug/l #	81
17) Carbon Disulfide	2.514	76	663	0.246	ug/l #	76
20) Methylene Chloride	2.794	84	478	0.371	ug/l #	77
30) Chloroform	5.099	83	802	0.345	ug/l #	79
31) Cyclohexane	5.544	56	2411	1.356	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	8661	4.763	ug/l #	48
38) Carbon Tetrachloride	5.550	117	10616	5.934	ug/l #	15
44) Trichloroethene	7.135	130	1550	1.165	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1062	0.478	ug/l #	1
60) Dibromochloromethane	9.275	129	4649	3.352	ug/l #	11
64) Tetrachloroethene	9.275	164	4841	4.013	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	48016	21.999	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48016	63.088	ug/l #	5

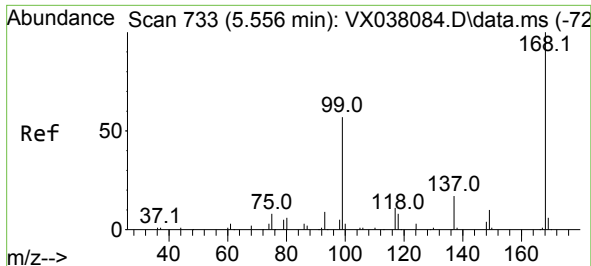
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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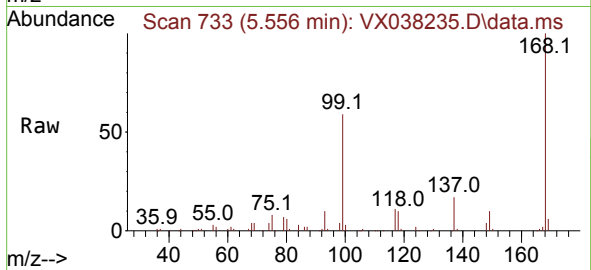
Quant Time: Oct 12 02:48:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



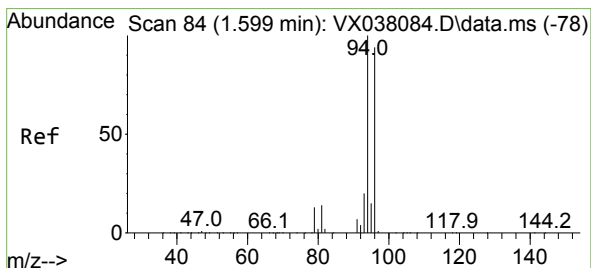
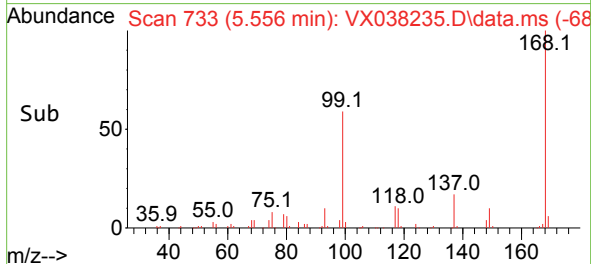
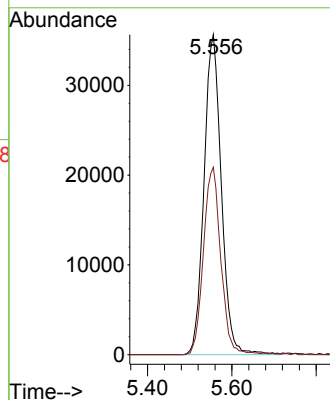


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

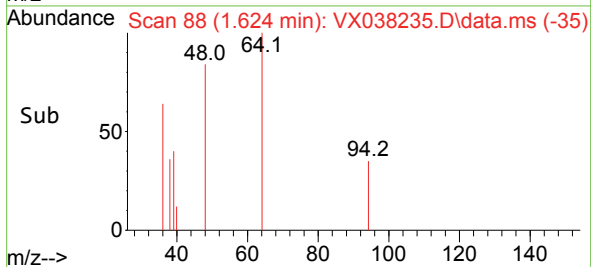
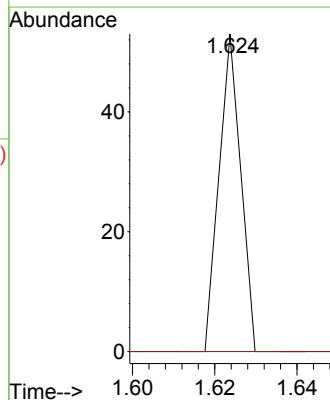
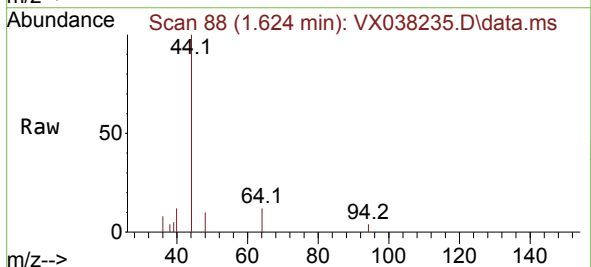


Tgt Ion:168 Resp: 102043
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

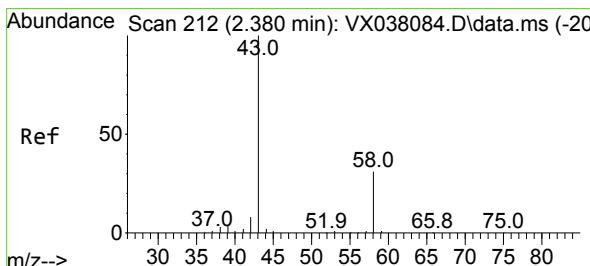
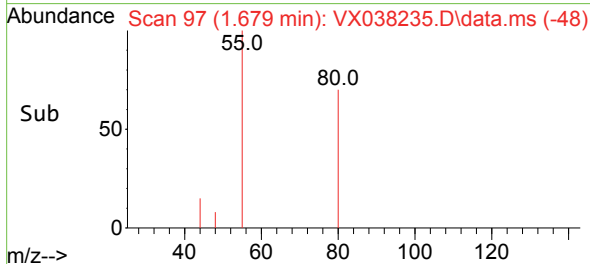
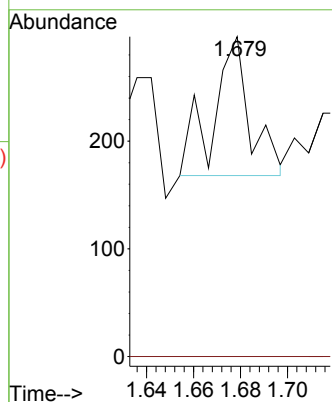
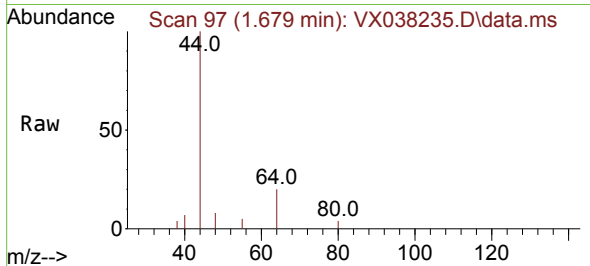




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

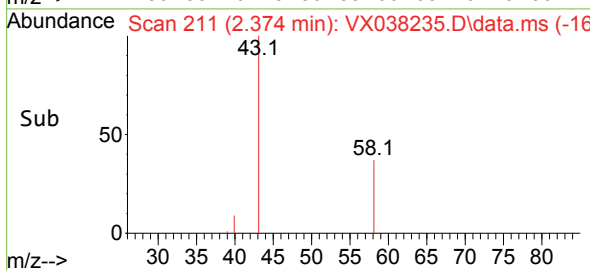
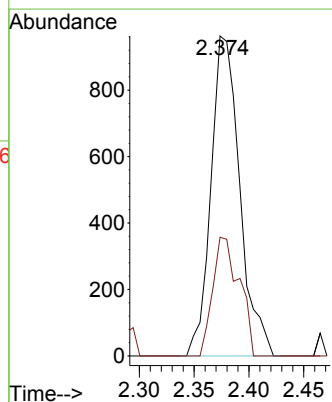
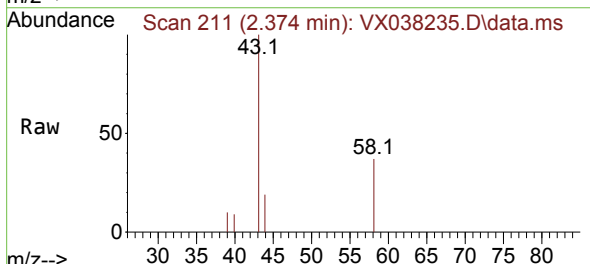
Instrument :
MSVOA_X
ClientSampleId :

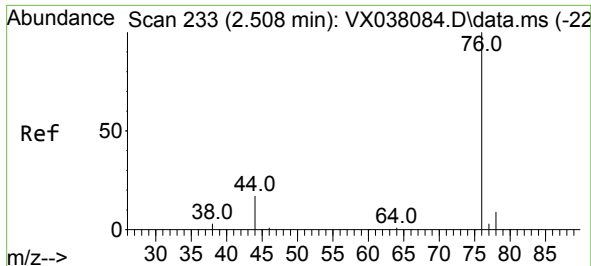
Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.572 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

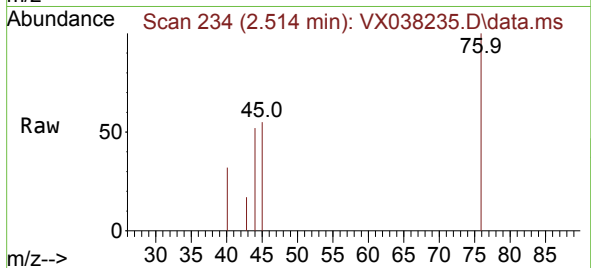
Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
58 37.1 21.9 32.9#



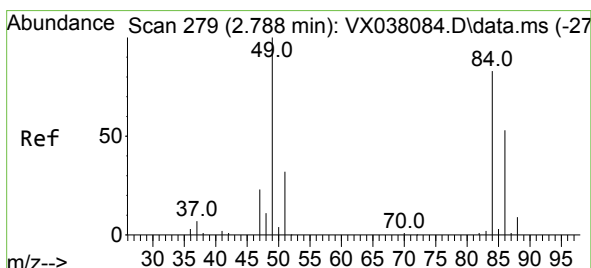
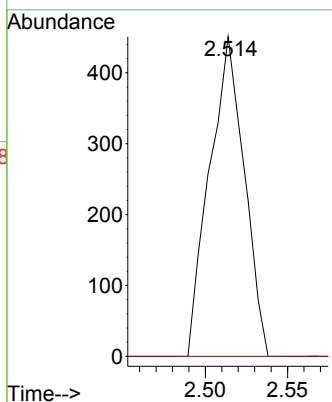
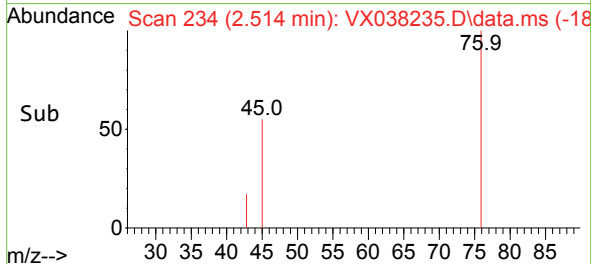


#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

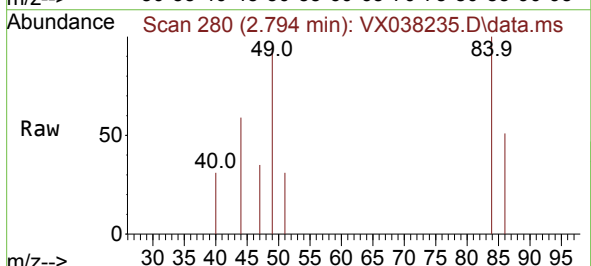
Instrument :
MSVOA_X
ClientSampleId :



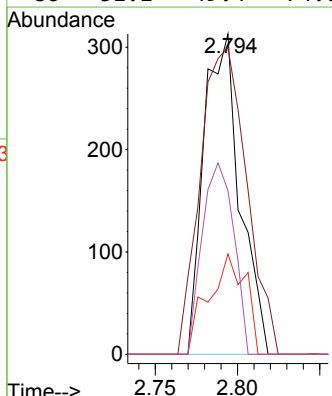
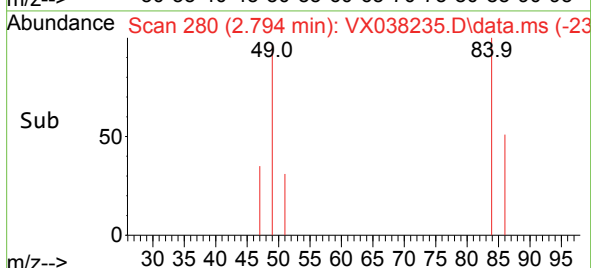
Tgt Ion: 76 Resp: 663
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

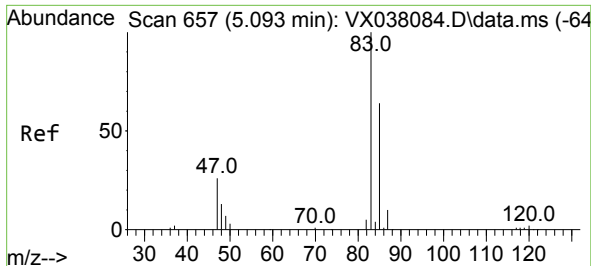


#20
Methylene Chloride
Concen: 0.371 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28



Tgt Ion: 84 Resp: 478
Ion Ratio Lower Upper
84 100
49 95.8 103.6 155.4#
51 31.3 33.8 50.6#
86 51.1 49.4 74.0

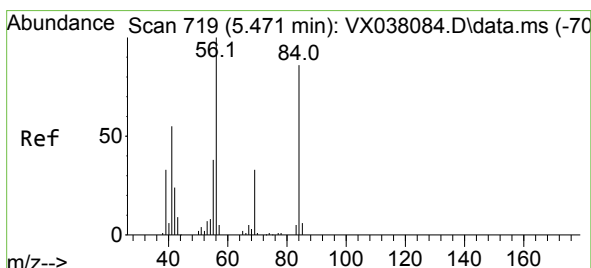
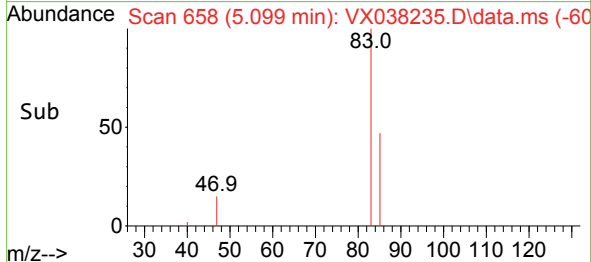
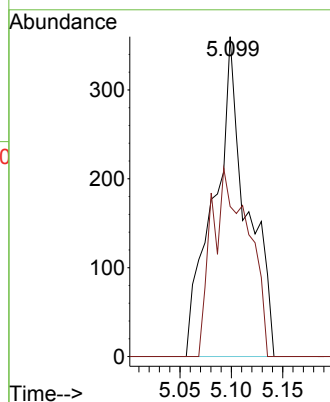
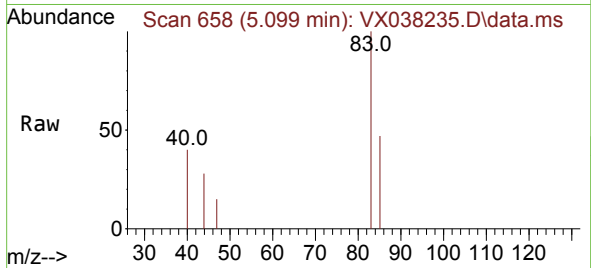




#30
Chloroform
Concen: 0.345 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

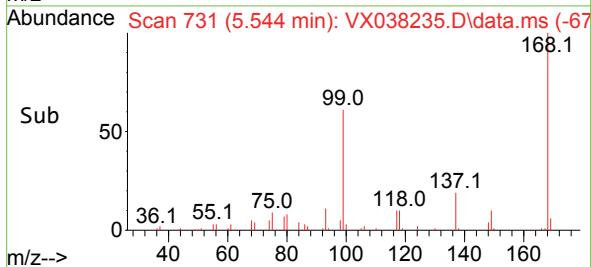
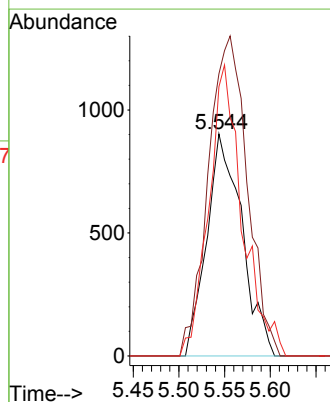
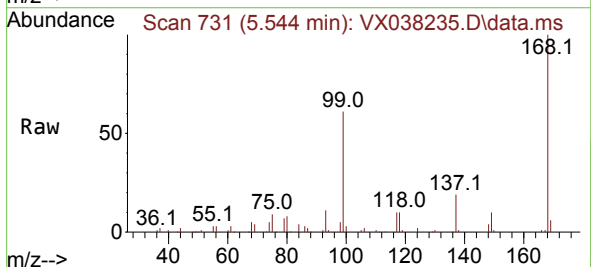
Instrument :
MSVOA_X
ClientSampleId :

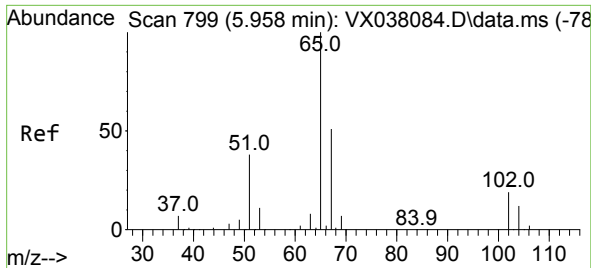
Tgt Ion: 83 Resp: 802
Ion Ratio Lower Upper
83 100
85 46.9 50.3 75.5#



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 127.0 23.4 35.2#
84 121.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.265 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038235.D

Acq: 11 Oct 2023 17:28

Instrument :

MSVOA_X

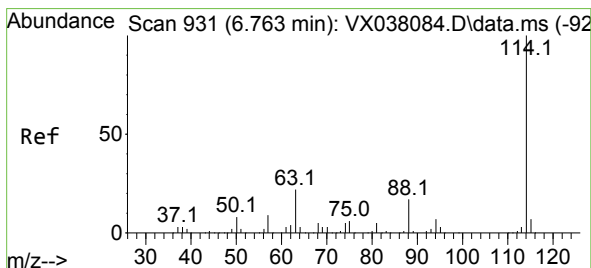
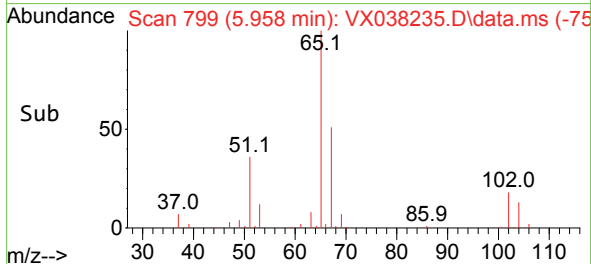
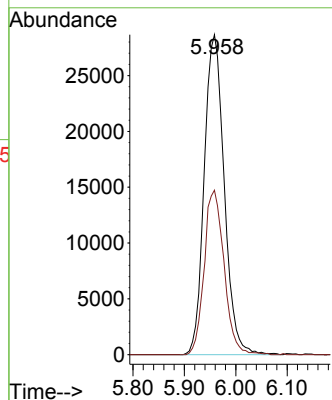
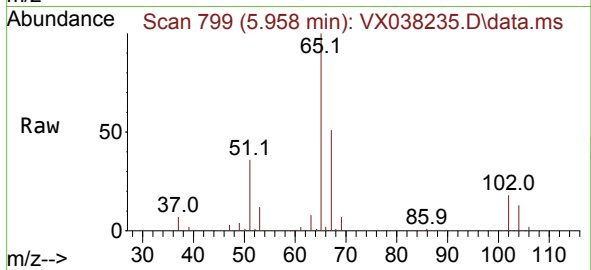
ClientSampleId :

Tgt Ion: 65 Resp: 77576

Ion Ratio Lower Upper

65 100

67 51.1 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: VX038235.D

Acq: 11 Oct 2023 17:28

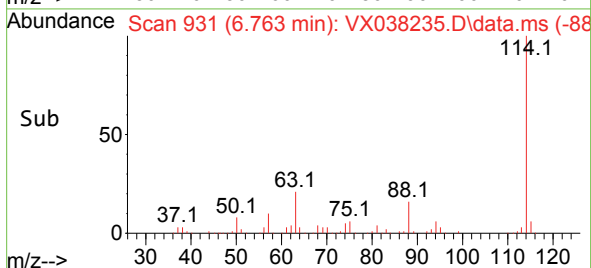
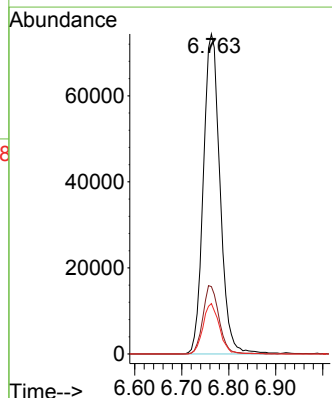
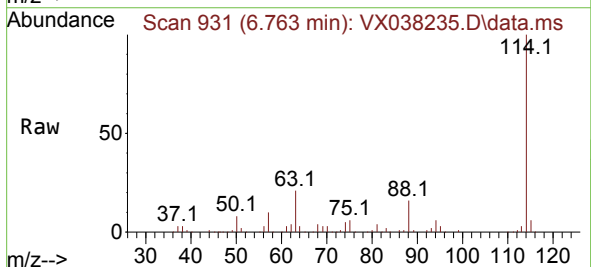
Tgt Ion: 114 Resp: 183017

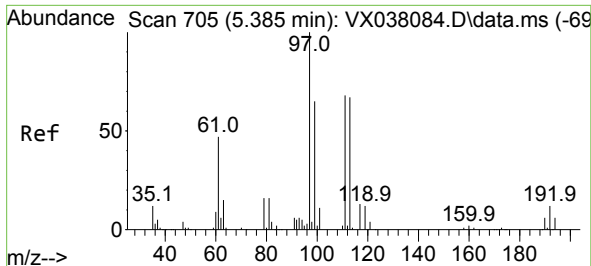
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

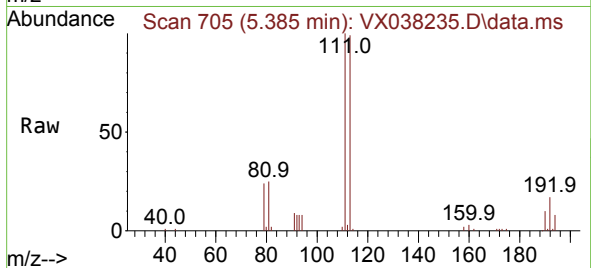
88 15.8 0.0 36.6



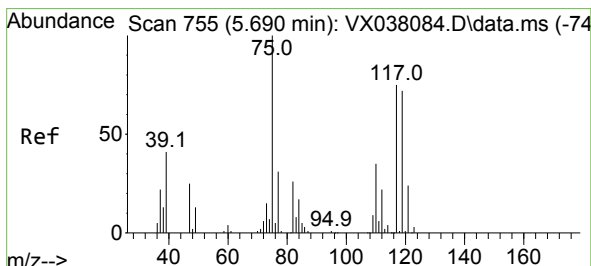
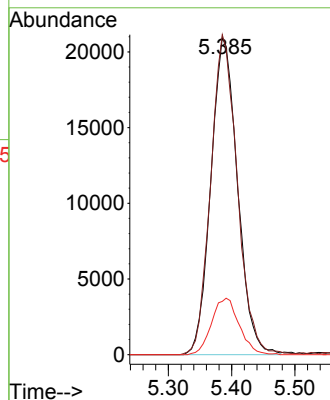
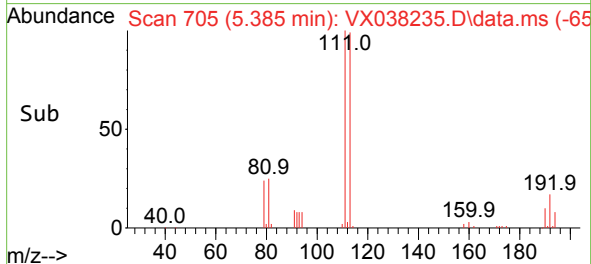


#35
Dibromofluoromethane
Concen: 46.363 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

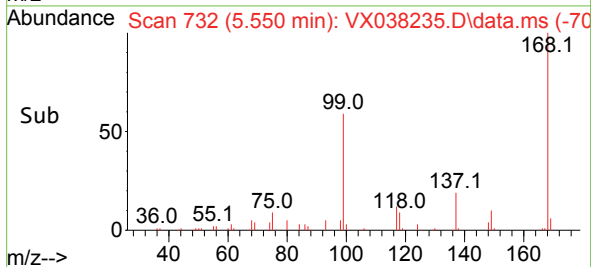
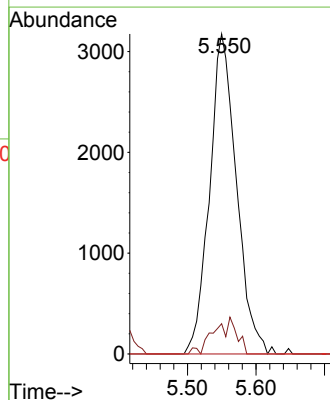
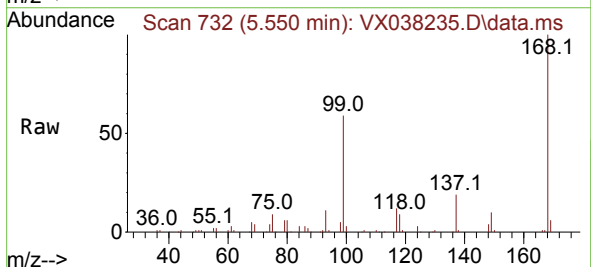


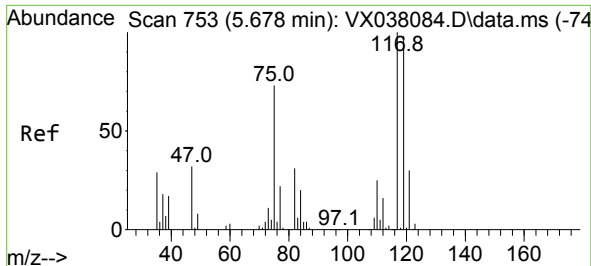
Tgt Ion:113 Resp: 61141
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

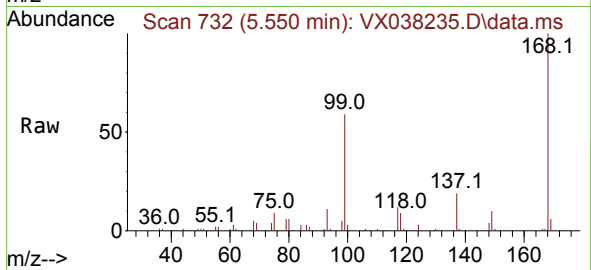
Tgt Ion: 75 Resp: 8661
Ion Ratio Lower Upper
75 100
110 5.9 17.0 50.9#
77 0.0 24.7 37.1#



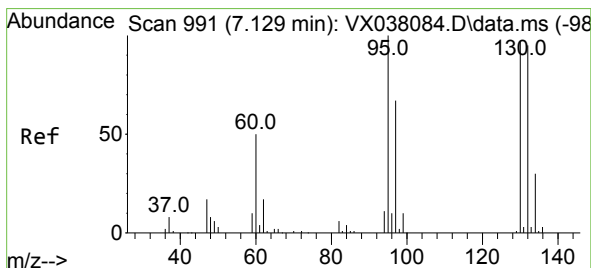
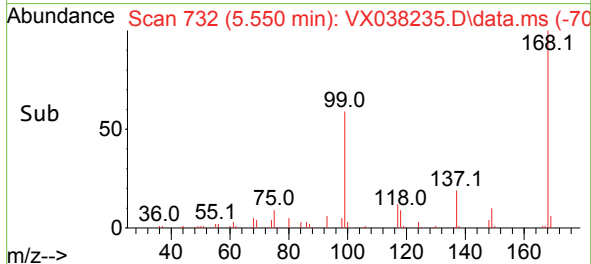
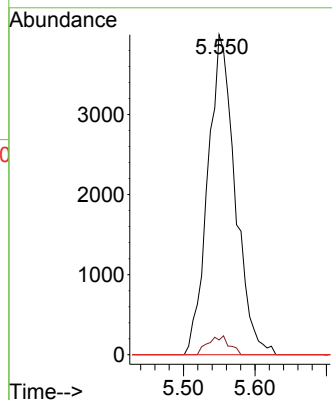


#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

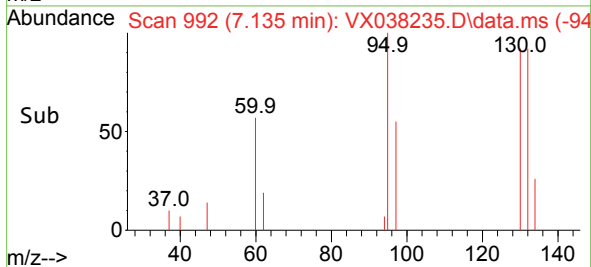
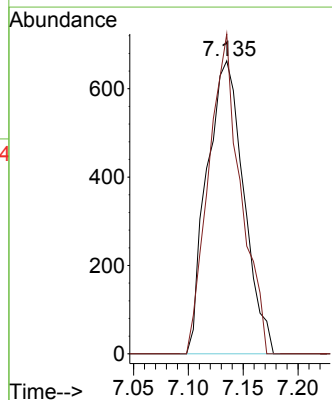
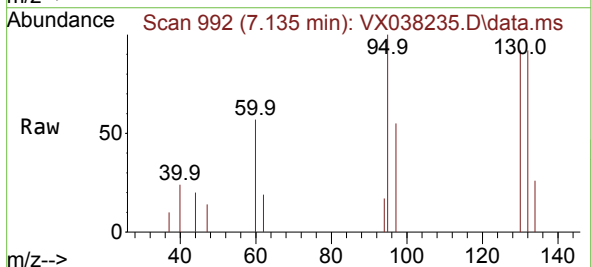


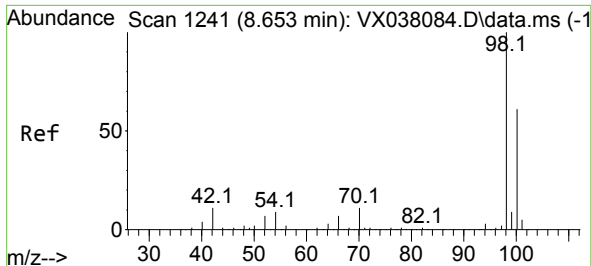
Tgt Ion:117 Resp: 10616
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.165 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Tgt Ion:130 Resp: 1550
Ion Ratio Lower Upper
130 100
95 109.2 0.0 204.4

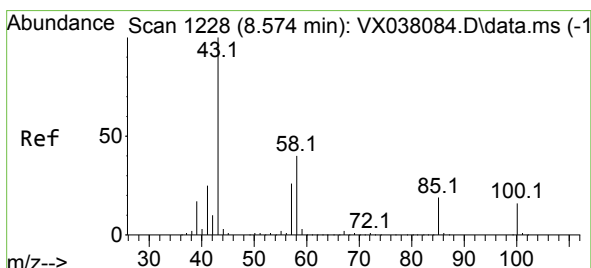
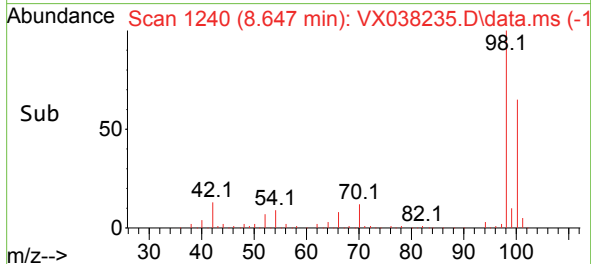
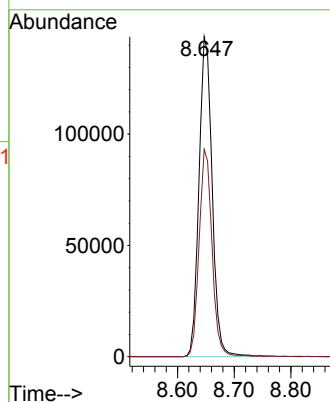
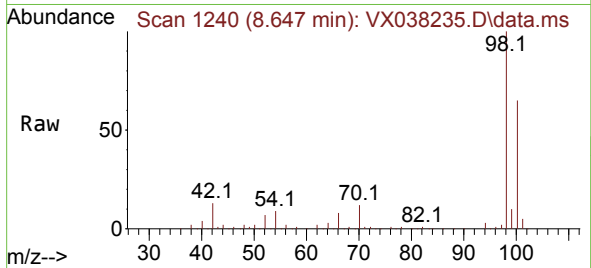




#50
Toluene-d8
Concen: 46.084 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

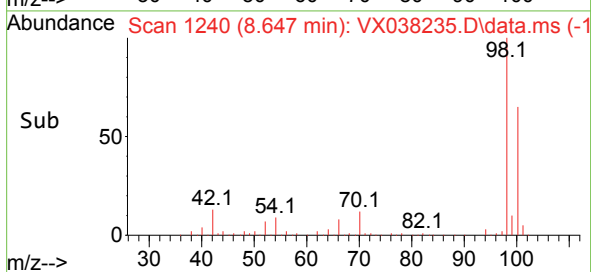
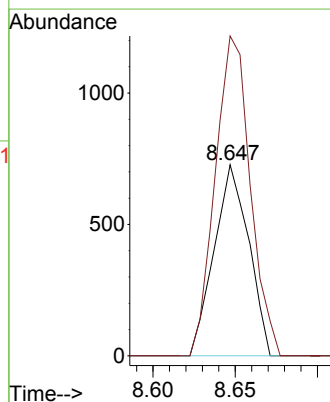
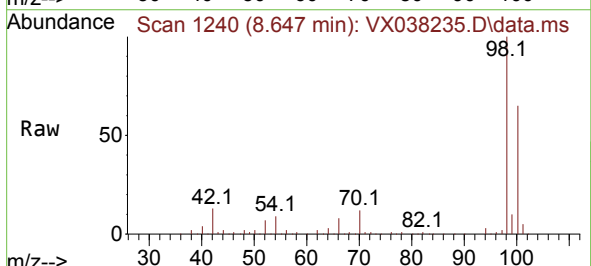
Instrument :
MSVOA_X
ClientSampleId :

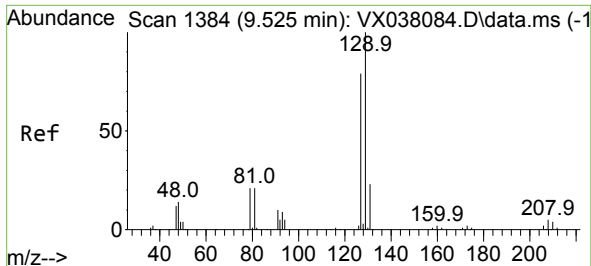
Tgt Ion: 98 Resp: 232229
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 170.3 30.4 45.6#

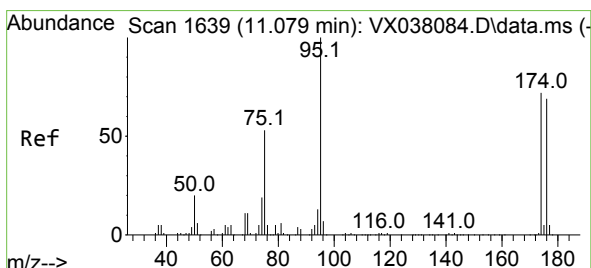
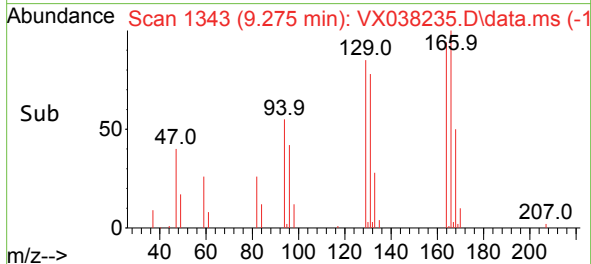
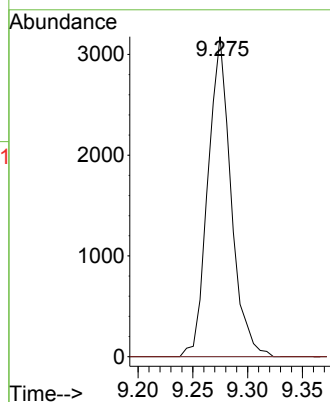
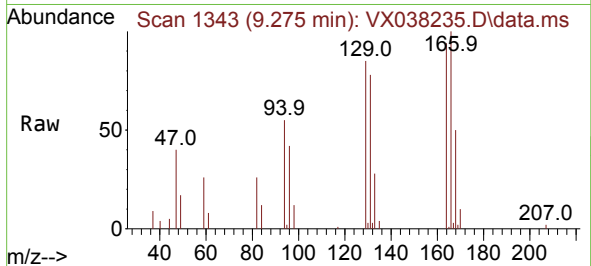




#60
Dibromochloromethane
Concen: 3.352 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

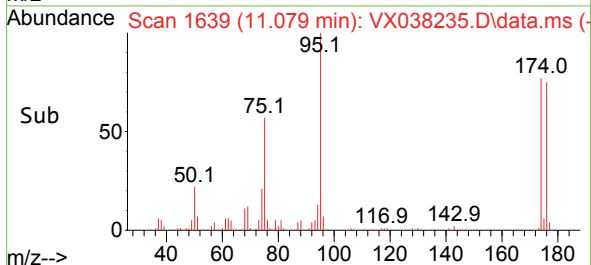
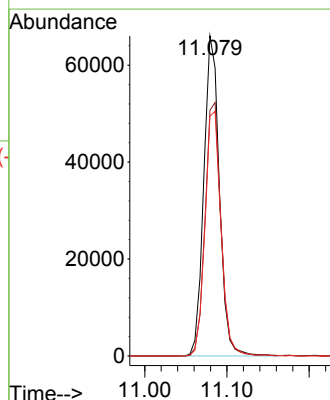
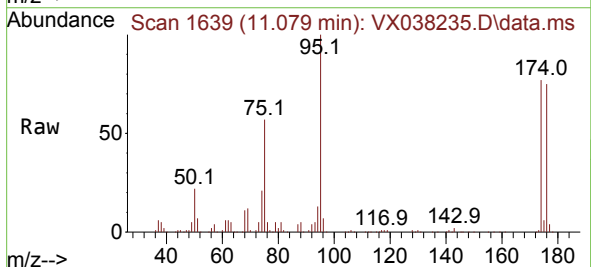
Instrument :
MSVOA_X
ClientSampleId :

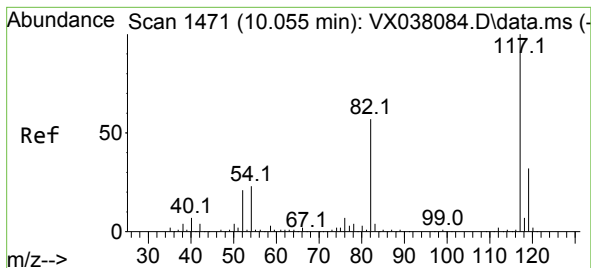
Tgt Ion:129 Resp: 4649
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Tgt Ion: 95 Resp: 87063
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 78.8 0.0 131.0

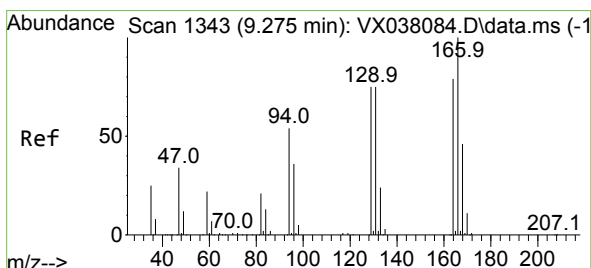
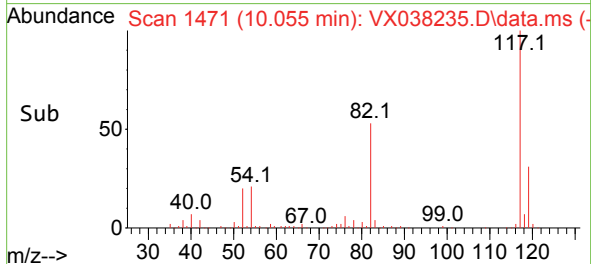
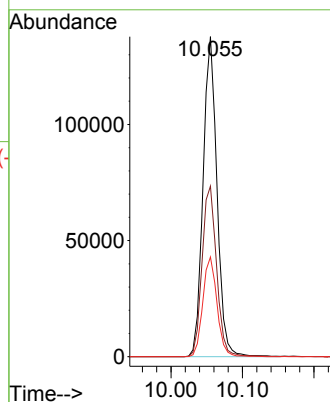
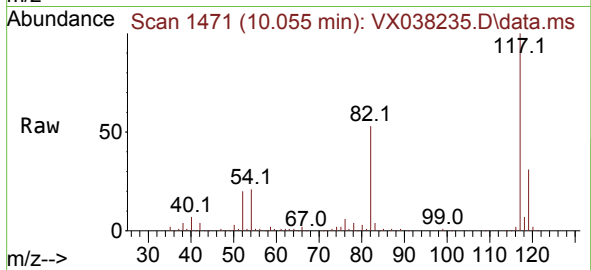




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

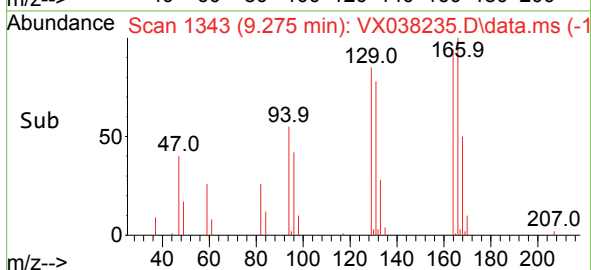
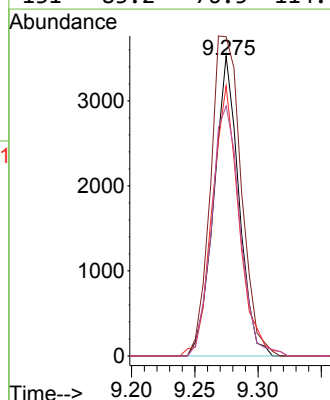
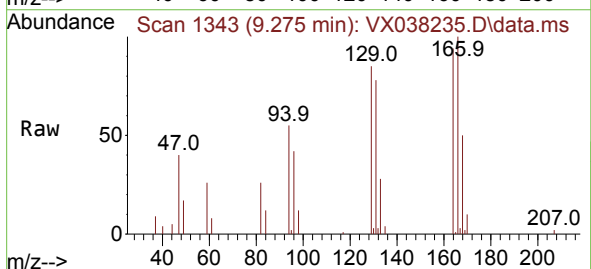
Instrument :
MSVOA_X
ClientSampleId :

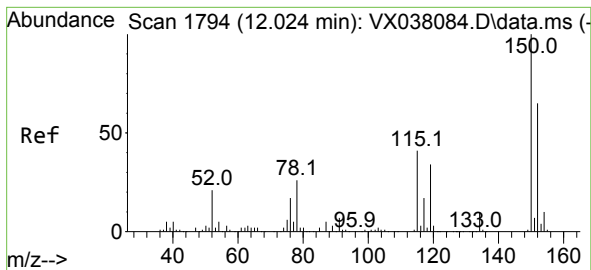
Tgt Ion:117 Resp: 186338
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 4.013 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038235.D
Acq: 11 Oct 2023 17:28

Tgt Ion:164 Resp: 4841
Ion Ratio Lower Upper
164 100
166 106.3 102.7 154.1
129 90.0 80.4 120.6
131 83.2 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038235.D

Acq: 11 Oct 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

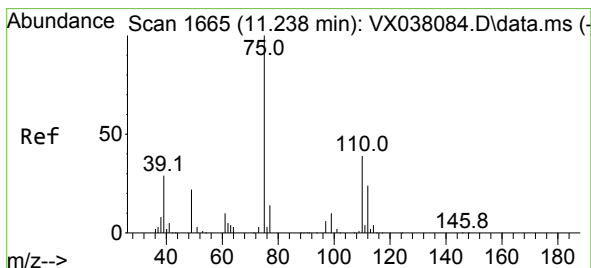
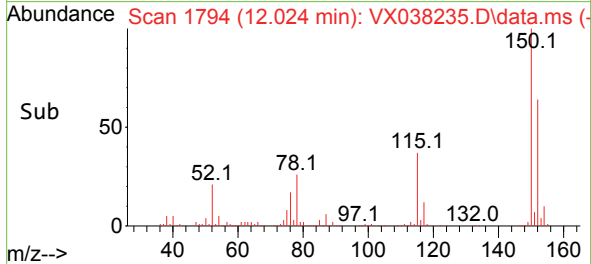
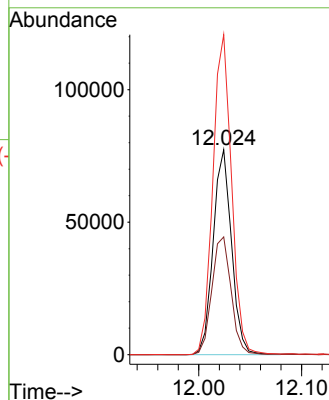
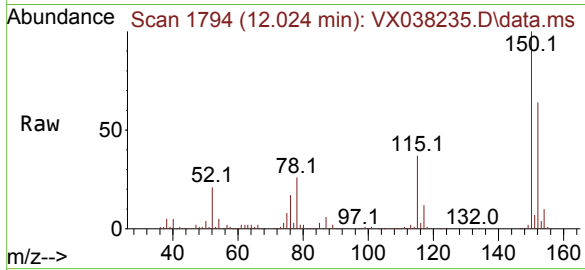
Tgt Ion:152 Resp: 96008

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 158.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.999 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038235.D

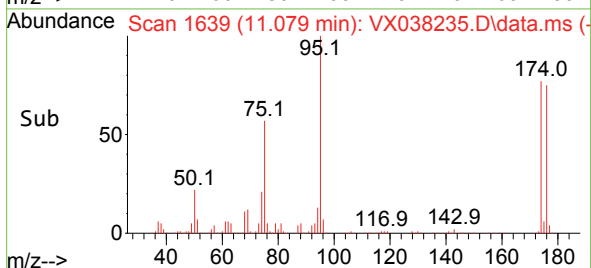
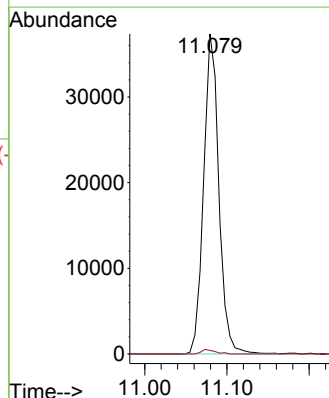
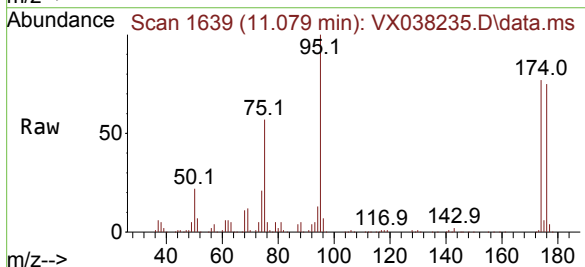
Acq: 11 Oct 2023 17:28

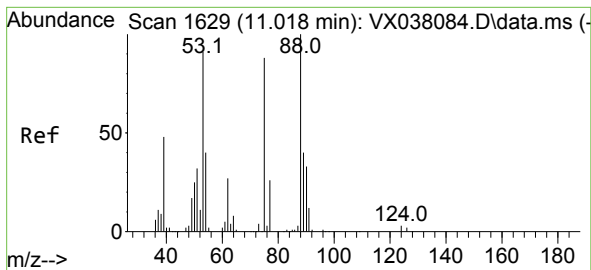
Tgt Ion: 75 Resp: 48016

Ion Ratio Lower Upper

75 100

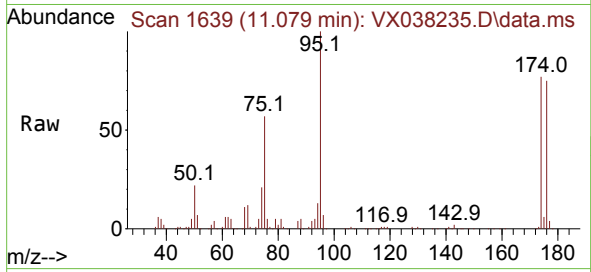
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.088 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038235.D
 Acq: 11 Oct 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 48016
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

