

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034383.D
 Acq On : 08 Mar 2023 15:08
 Operator : JC/MD
 Sample : 01843-07 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20230306

Quant Time: Mar 09 03:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

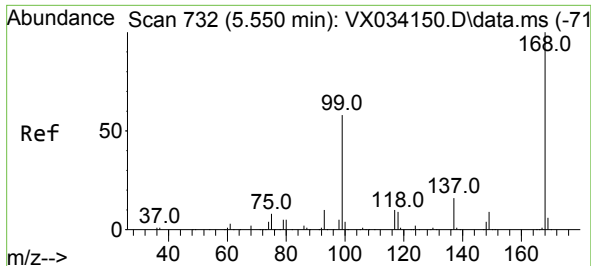
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	268342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168808	46.710	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.420%
35) Dibromofluoromethane	5.391	113	137948	47.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.647	98	537734	51.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.920%
62) 4-Bromofluorobenzene	11.079	95	179715	44.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						Qvalue
5) Bromomethane	1.630	94	278	Below Cal		88
9) 1,1,2-Trichlorotrifluo...	2.331	101	5240	1.810	ug/l	93
11) Tert butyl alcohol	2.946	59	1540	1.905	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	1688	0.582	ug/l #	65
13) Acrolein	2.227	56	309	0.837	ug/l #	82
16) Acetone	2.386	43	1265	0.679	ug/l #	77
20) Methylene Chloride	2.788	84	1518	0.452	ug/l #	85
27) cis-1,2-Dichloroethene	4.501	96	1004	0.279	ug/l	89
31) Cyclohexane	5.550	56	5668	1.050	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21035	4.887	ug/l #	48
38) Carbon Tetrachloride	5.550	117	26270	5.931	ug/l #	16
39) Methylcyclohexane	7.129	83	3749	0.677	ug/l #	1
44) Trichloroethene	7.123	130	326337	99.689	ug/l	92
60) Dibromochloromethane	9.281	129	949	0.275	ug/l #	11
64) Tetrachloroethene	9.275	164	922	0.335	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	91943	22.452	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91943	57.676	ug/l #	8

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

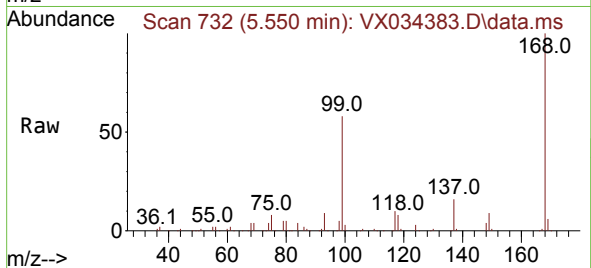
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



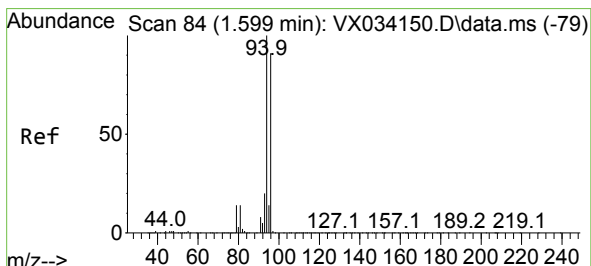
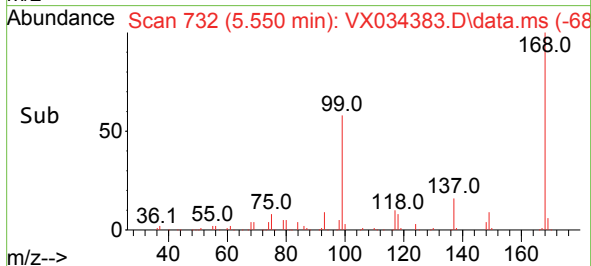
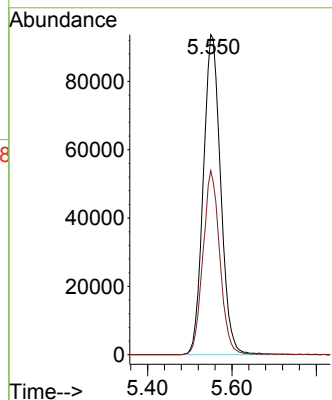


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

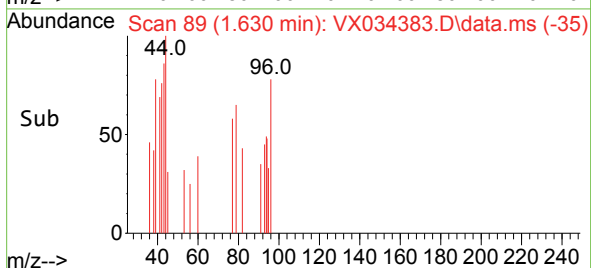
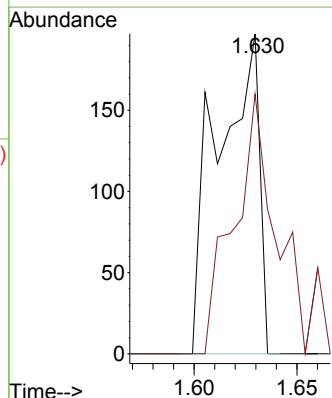
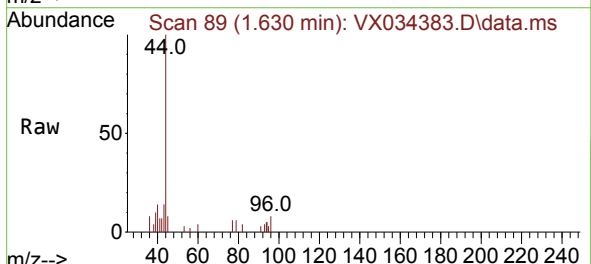


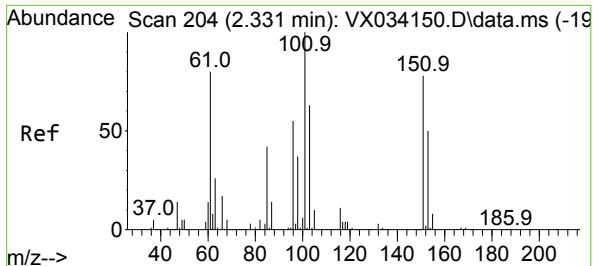
Tgt Ion:168 Resp: 268342
Ion Ratio Lower Upper
168 100
99 57.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 81.2 74.3 111.5

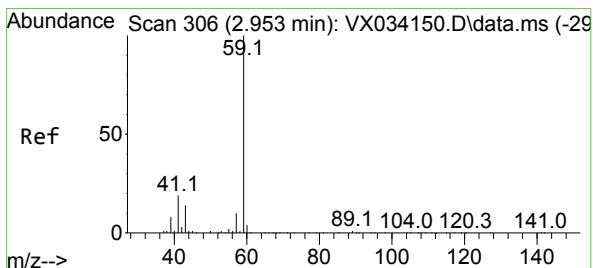
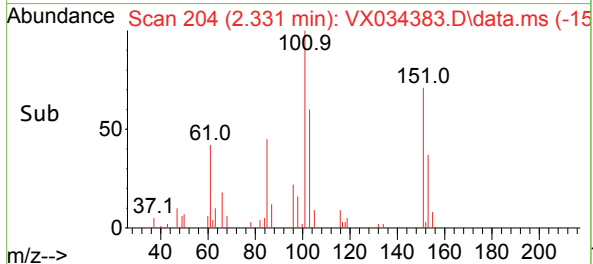
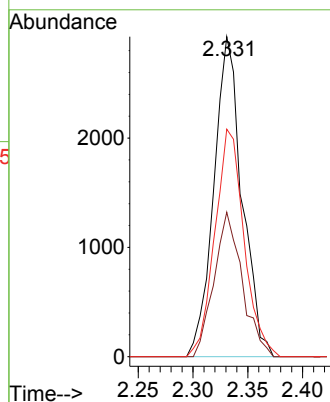
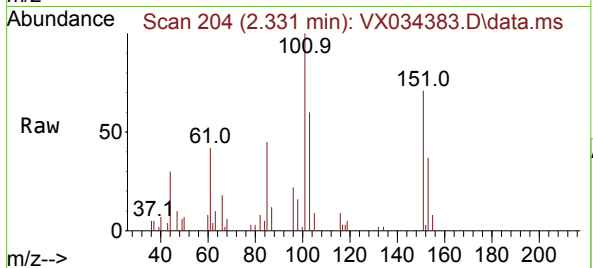




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.810 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

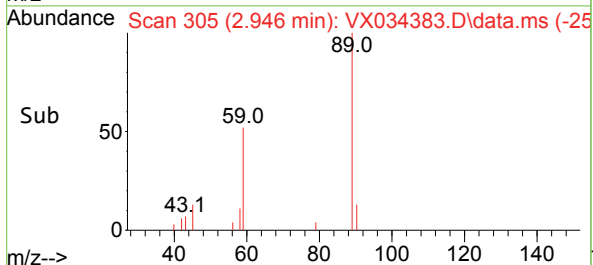
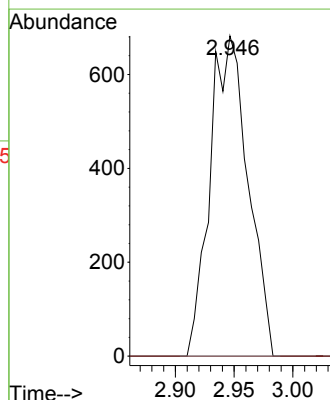
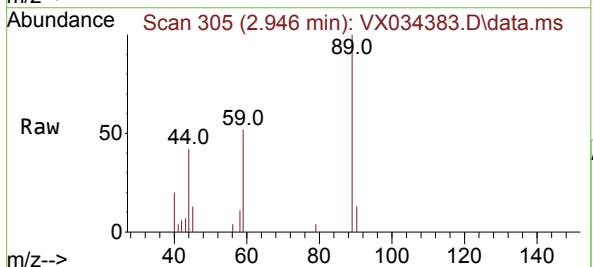
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

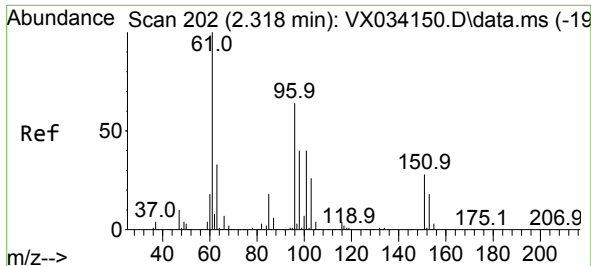
Tgt Ion:101 Resp: 5240
Ion Ratio Lower Upper
101 100
85 45.0 36.7 55.1
151 73.5 66.5 99.7



#11
Tert butyl alcohol
Concen: 1.905 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 59 Resp: 1540
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

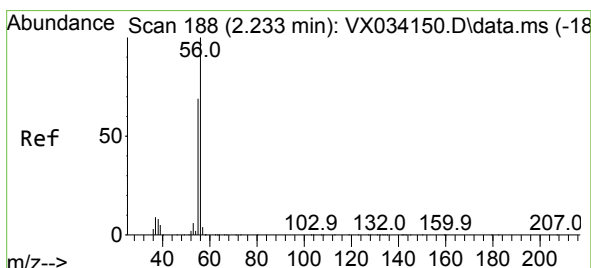
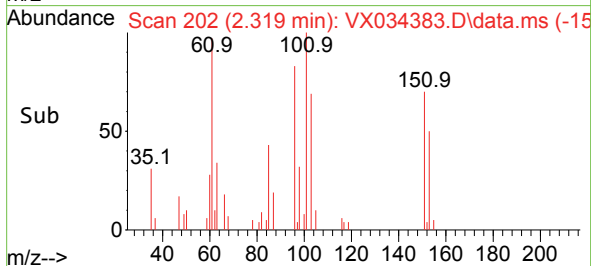
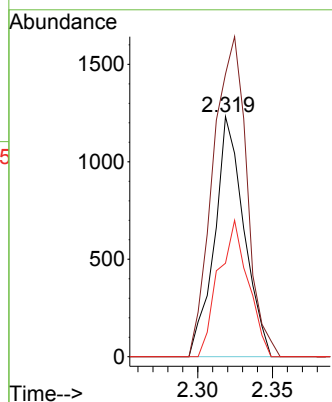
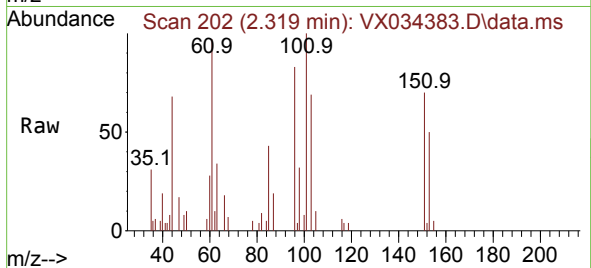




#12
1,1-Dichloroethene
Concen: 0.582 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

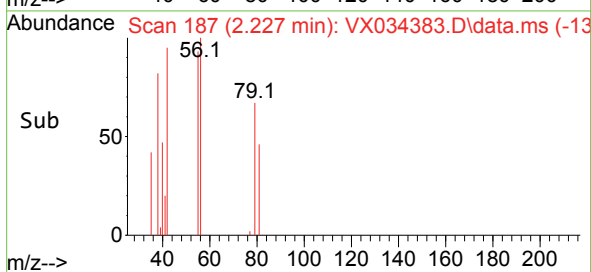
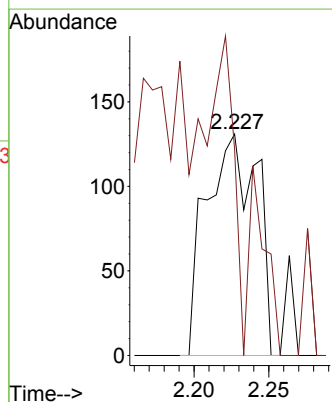
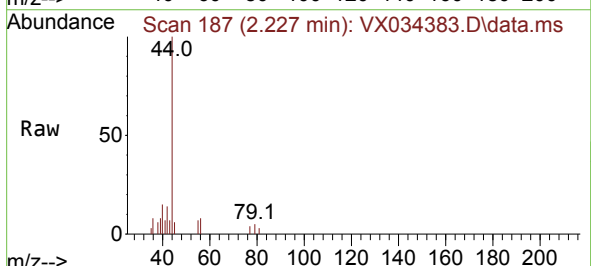
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

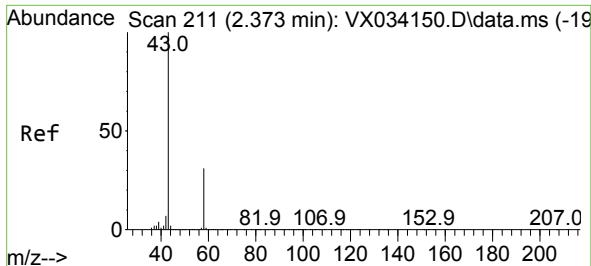
Tgt Ion: 96 Resp: 1688
Ion Ratio Lower Upper
96 100
61 117.7 134.2 201.4#
98 39.0 50.2 75.2#



#13
Acrolein
Concen: 0.837 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 55.3 56.3 84.5#

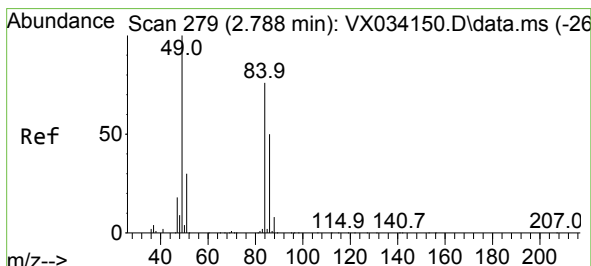
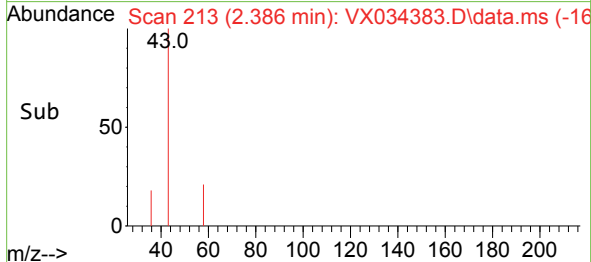
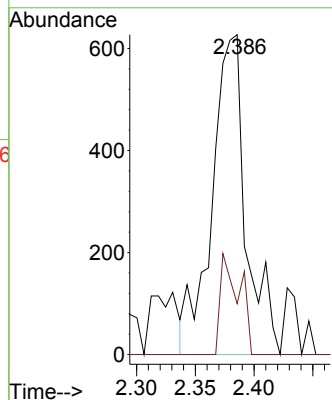
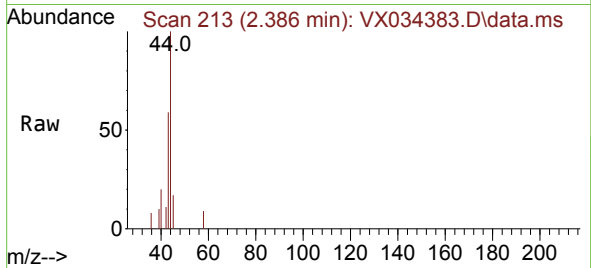




#16
Acetone
Concen: 0.679 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

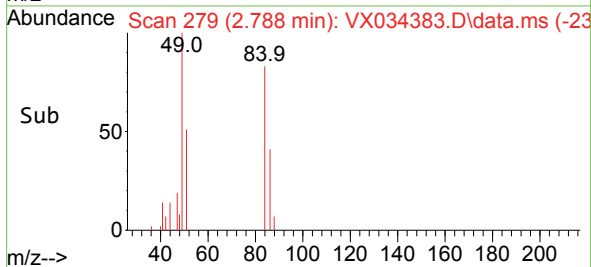
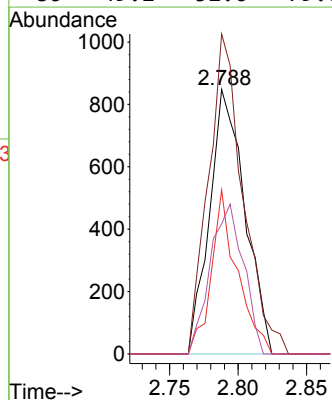
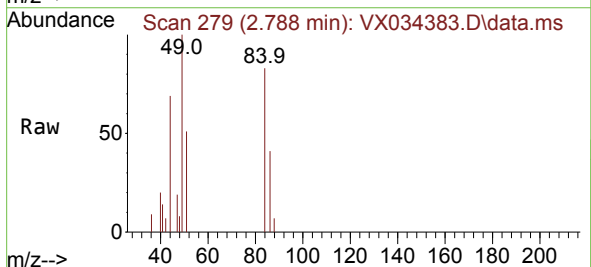
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

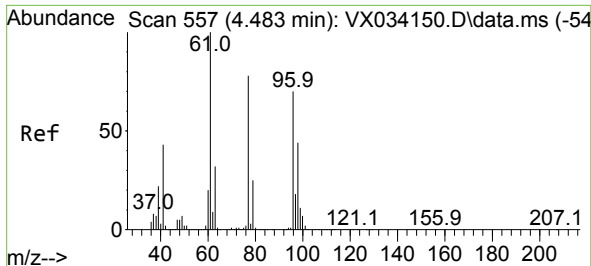
Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 15.9 22.6 33.8#



#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 84 Resp: 1518
Ion Ratio Lower Upper
84 100
49 121.0 101.1 151.7
51 61.9 31.0 46.6#
86 49.2 52.6 79.0#





#27

cis-1,2-Dichloroethene

Concen: 0.279 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX034383.D

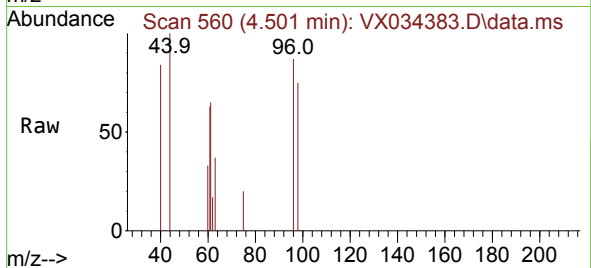
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Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20230306



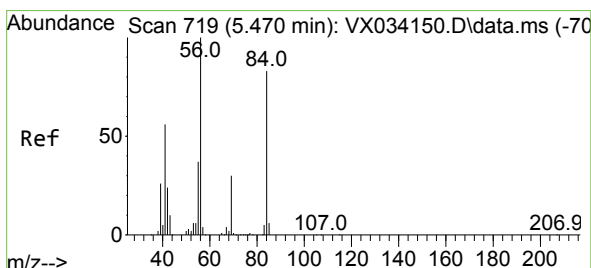
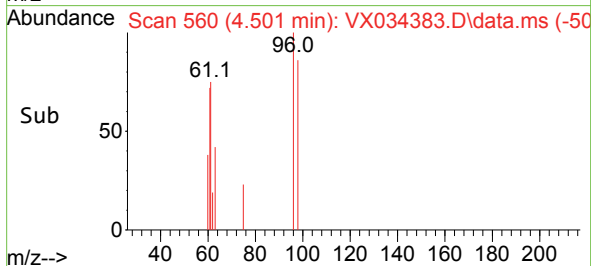
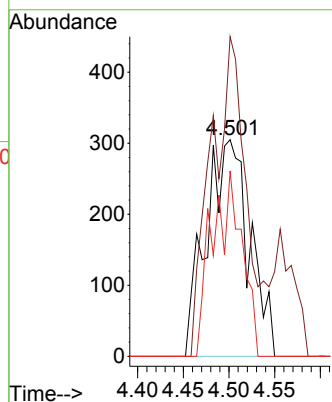
Tgt Ion: 96 Resp: 1004

Ion Ratio Lower Upper

96 100

61 121.9 0.0 277.6

98 59.3 0.0 128.0



#31

Cyclohexane

Concen: 1.050 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034383.D

Acq: 08 Mar 2023 15:08

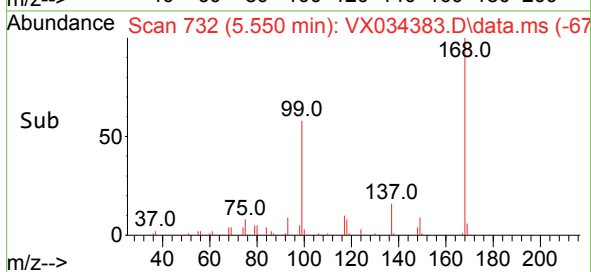
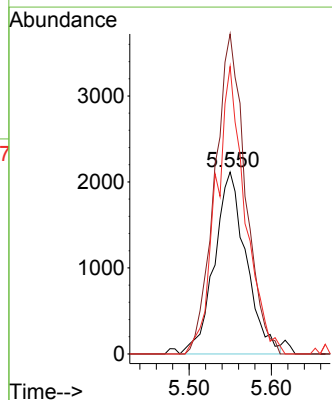
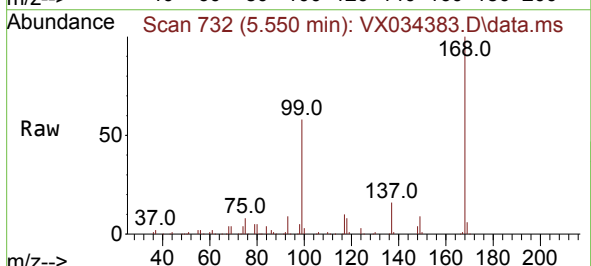
Tgt Ion: 56 Resp: 5668

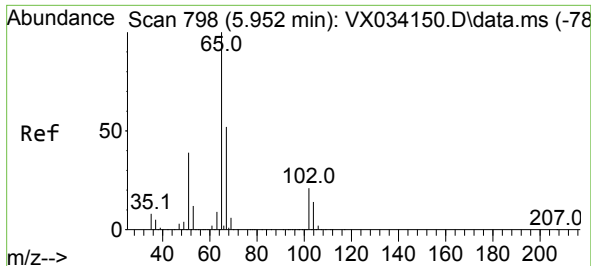
Ion Ratio Lower Upper

56 100

69 175.9 24.6 37.0#

84 158.1 71.0 106.6#

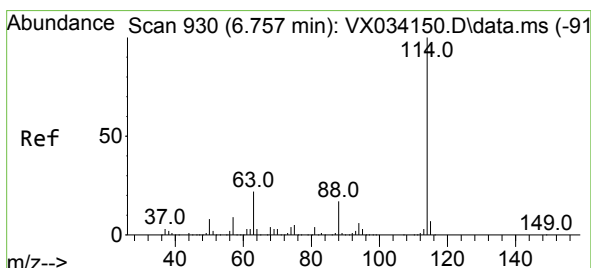
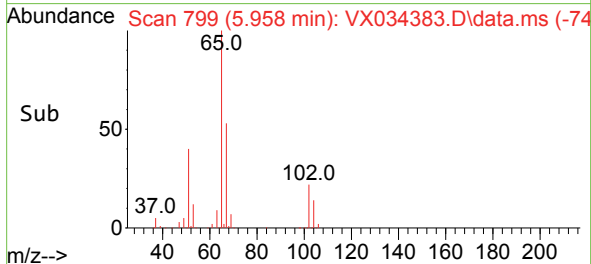
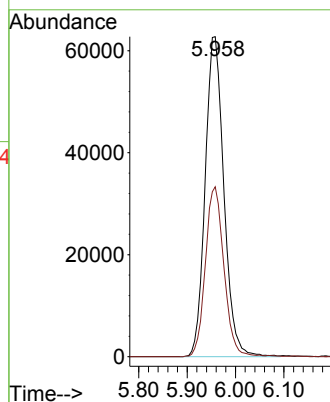
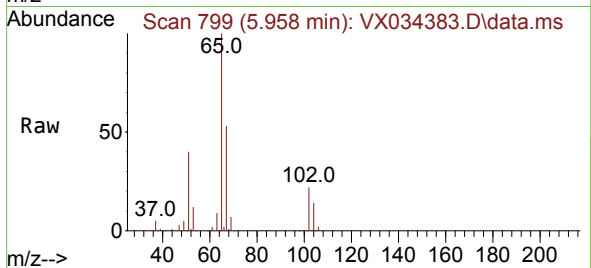




#33
1,2-Dichloroethane-d4
Concen: 46.710 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

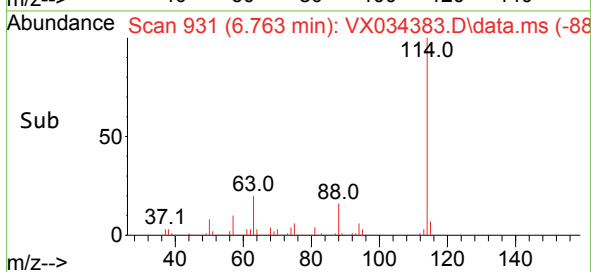
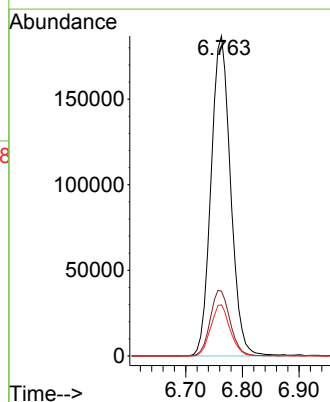
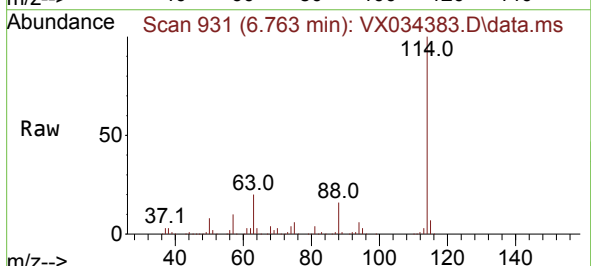
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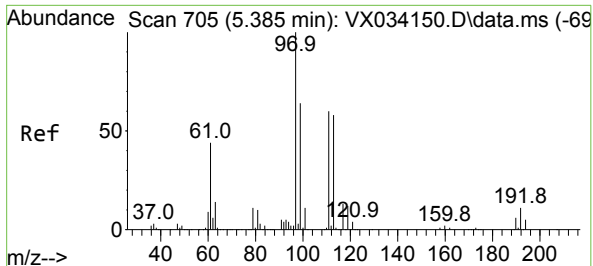
Tgt Ion: 65 Resp: 168808
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 114 Resp: 447037
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 16.0 0.0 30.6

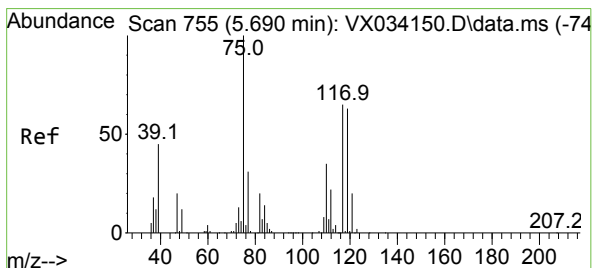
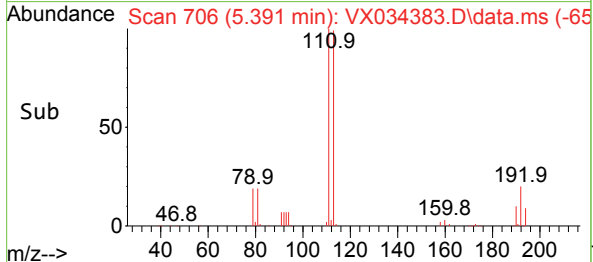
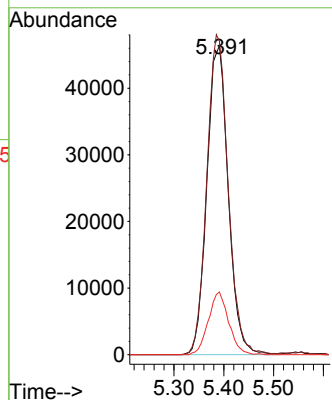
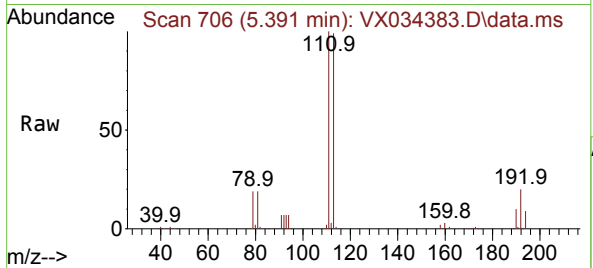




#35
Dibromofluoromethane
Concen: 47.394 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

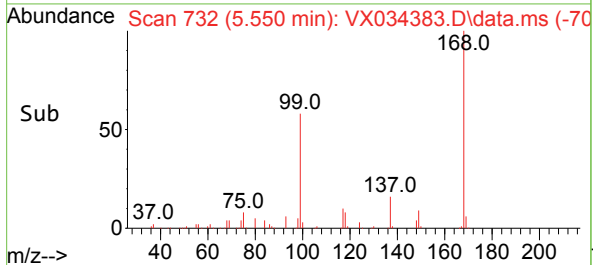
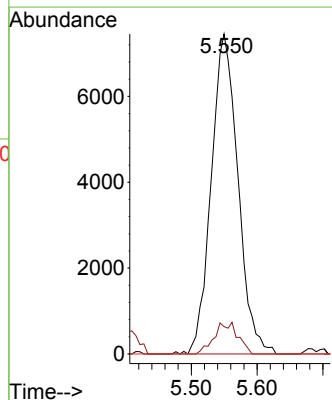
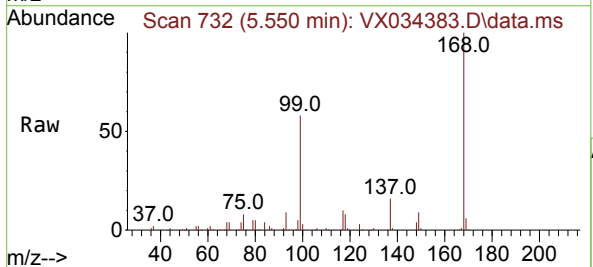
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

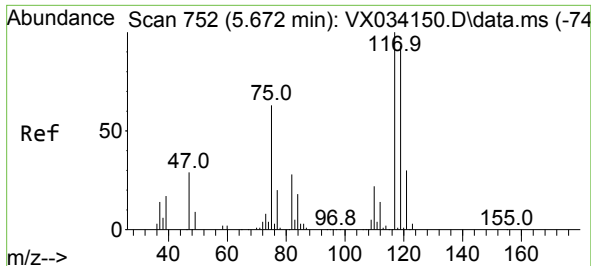
Tgt Ion:113 Resp: 137948
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 19.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

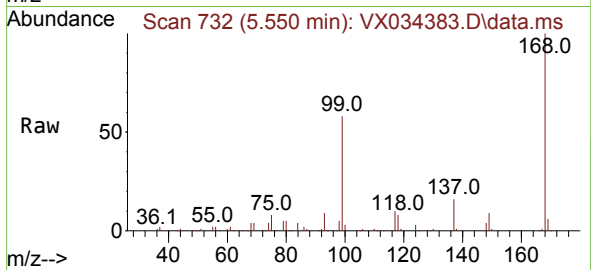
Tgt Ion: 75 Resp: 21035
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



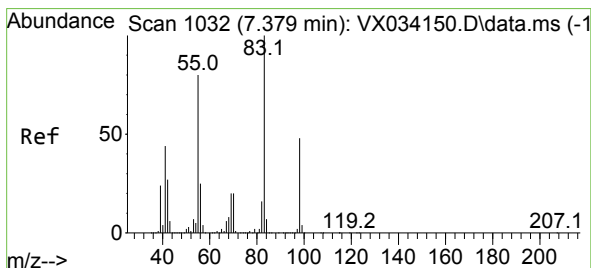
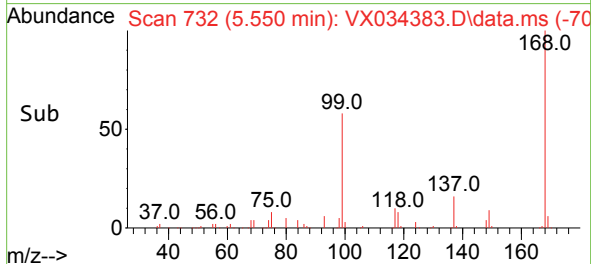
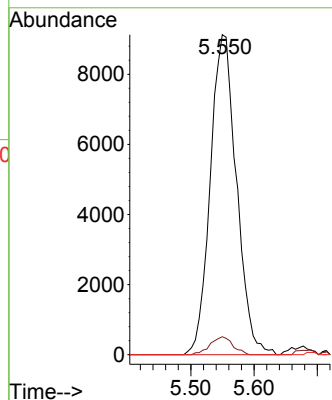


#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

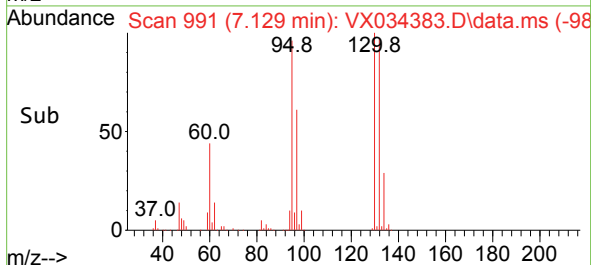
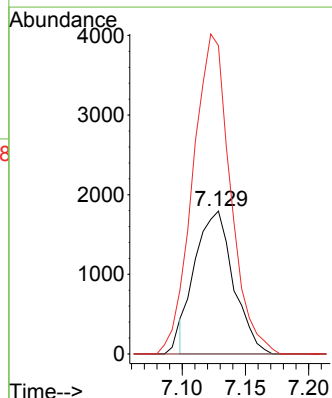
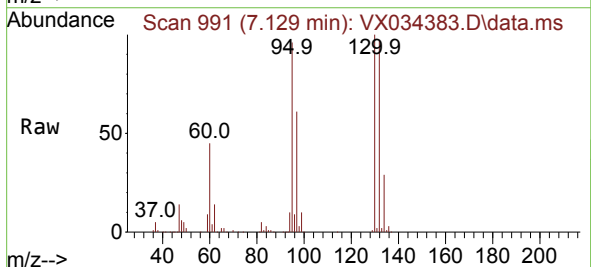


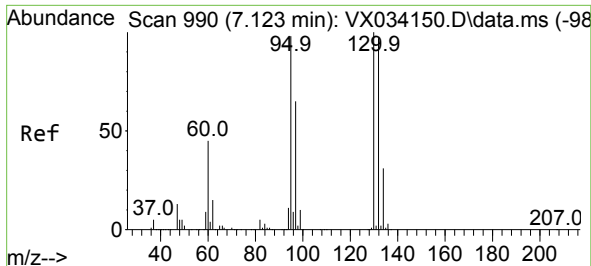
Tgt Ion:117 Resp: 26270
Ion Ratio Lower Upper
117 100
119 5.6 78.0 117.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.677 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 83 Resp: 3749
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 215.9 39.3 58.9#

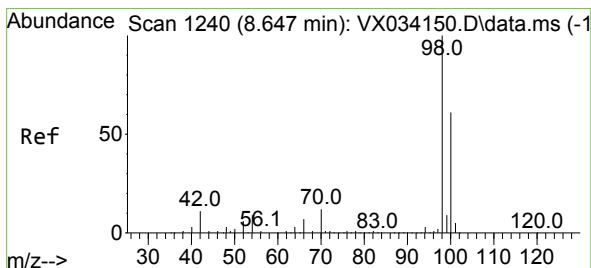
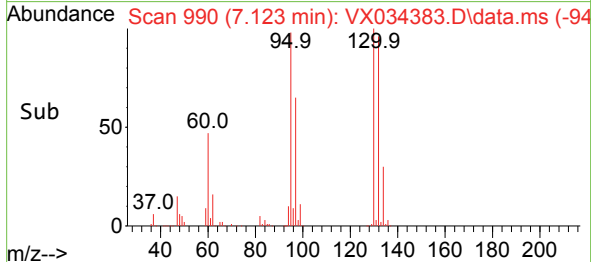
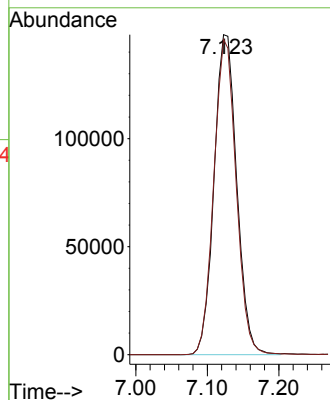
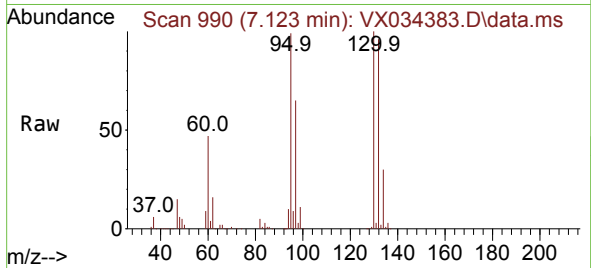




#44
Trichloroethene
Concen: 99.689 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

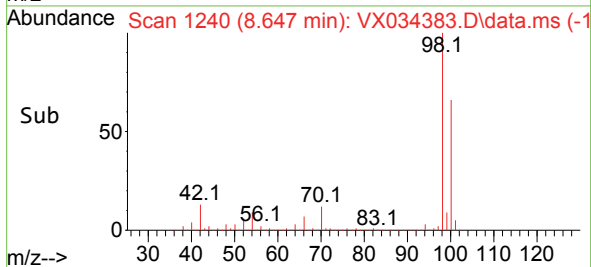
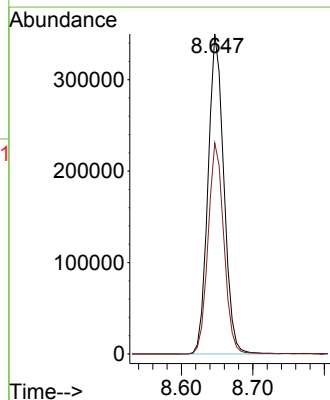
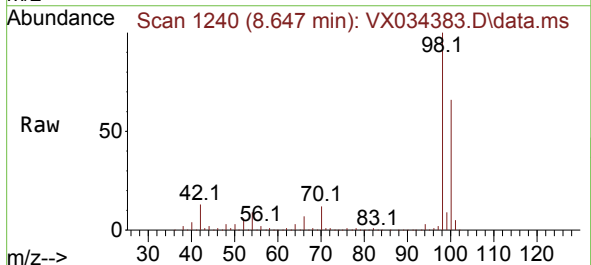
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

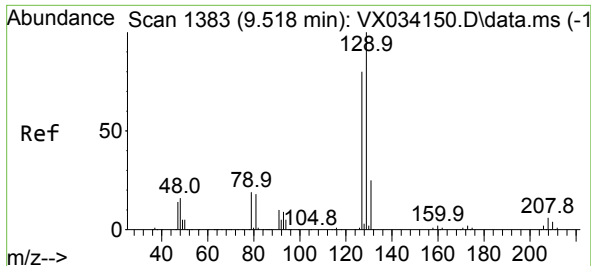
Tgt Ion:130 Resp: 326337
Ion Ratio Lower Upper
130 100
95 98.5 0.0 182.6



#50
Toluene-d8
Concen: 51.457 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 98 Resp: 537734
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4

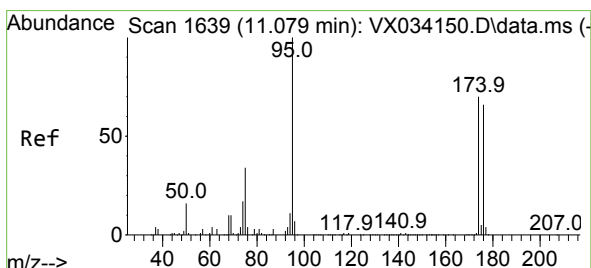
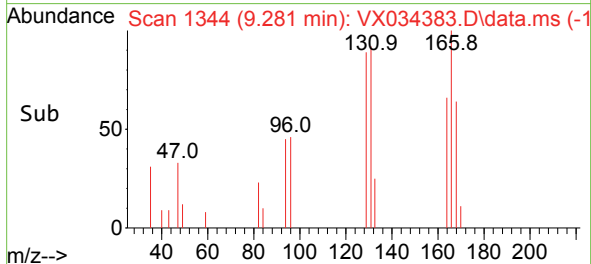
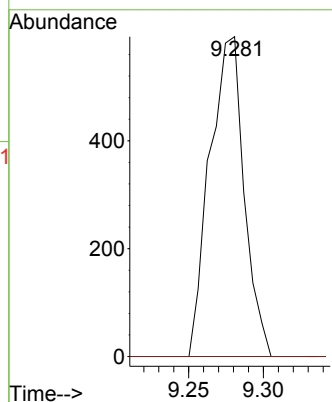
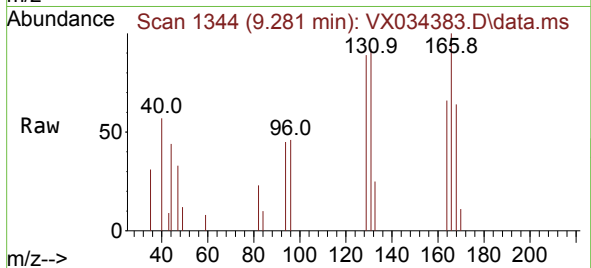




#60
Dibromochloromethane
Concen: 0.275 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

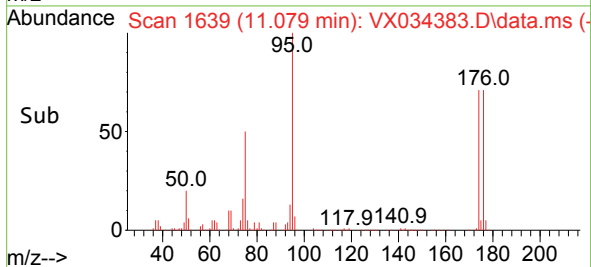
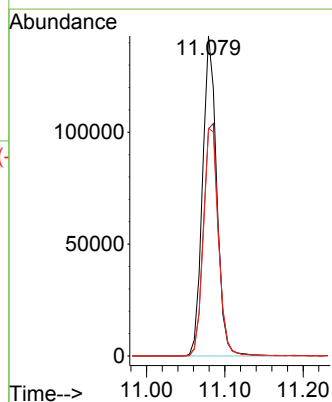
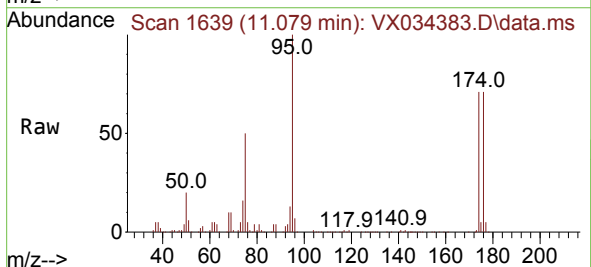
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

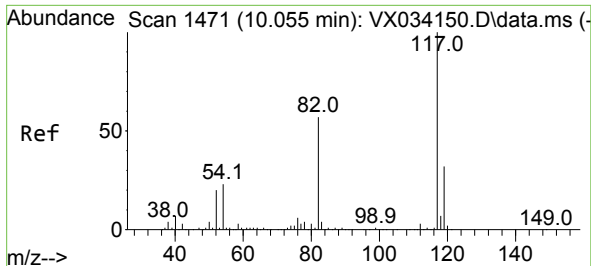
Tgt Ion:129 Resp: 949
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#62
4-Bromofluorobenzene
Concen: 44.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion: 95 Resp: 179715
Ion Ratio Lower Upper
95 100
174 77.7 0.0 184.4
176 75.3 0.0 178.8

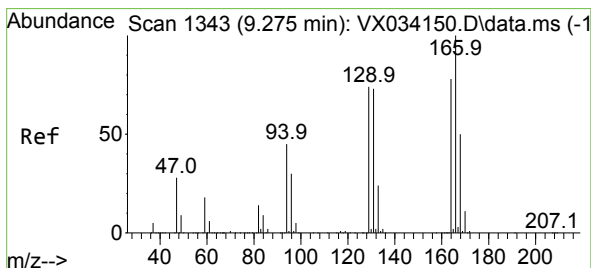
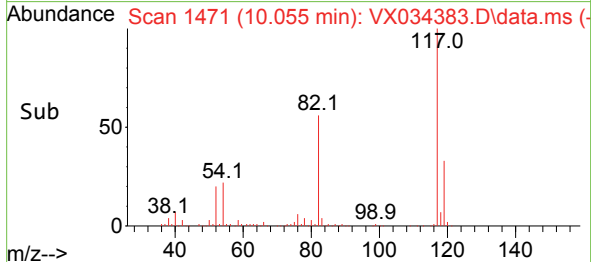
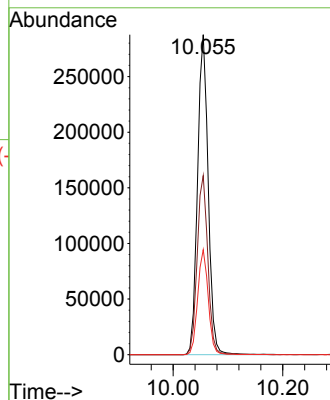
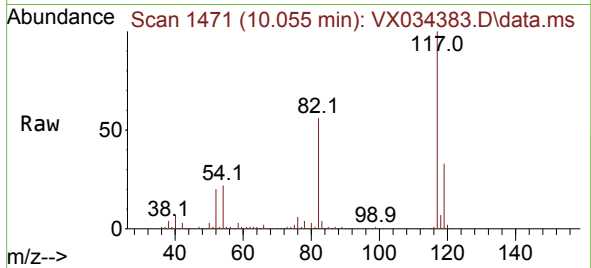




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

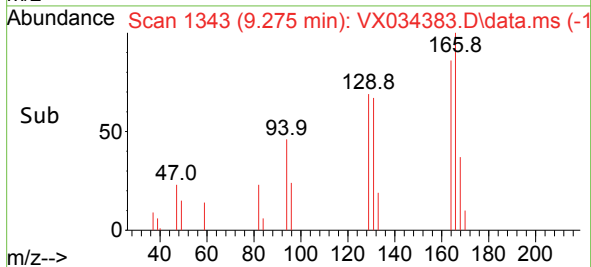
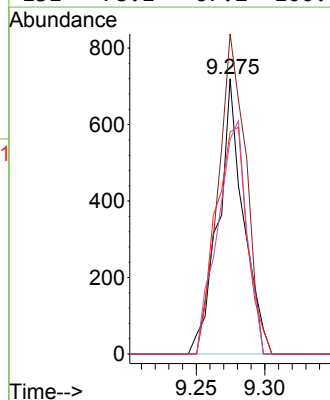
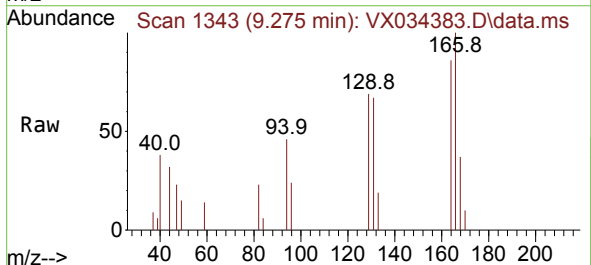
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

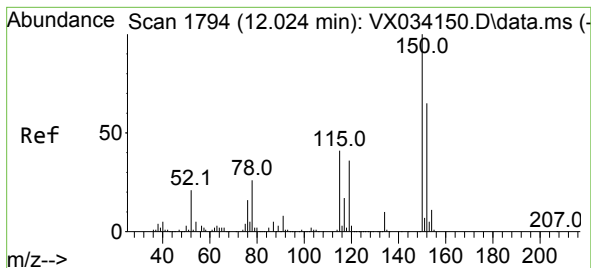
Tgt Ion:117 Resp: 389811
Ion Ratio Lower Upper
117 100
82 56.0 40.6 60.8
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 0.335 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

Tgt Ion:164 Resp: 922
Ion Ratio Lower Upper
164 100
166 116.2 100.2 150.2
129 80.7 69.2 103.8
131 78.1 67.2 100.8

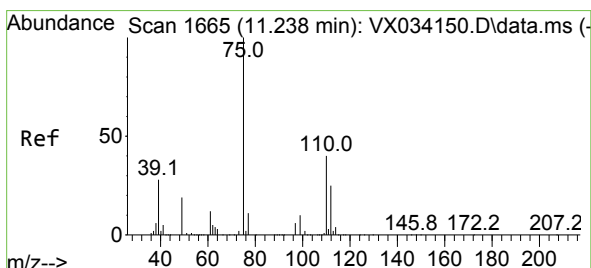
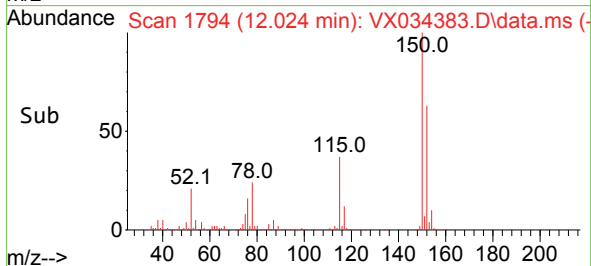
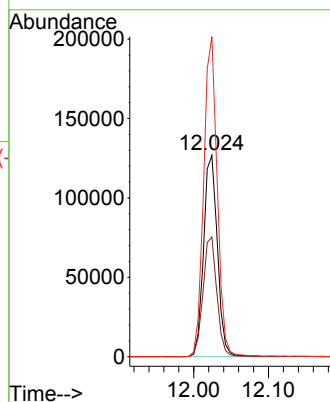
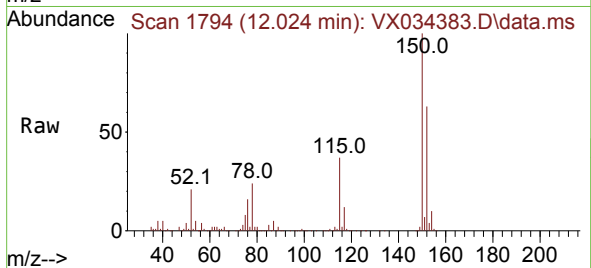




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

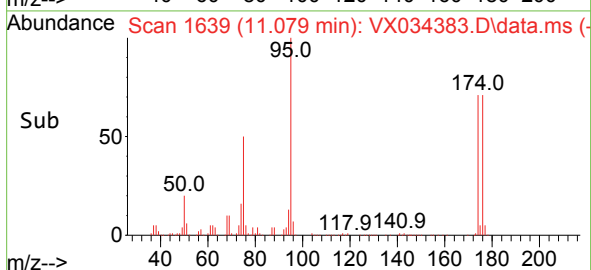
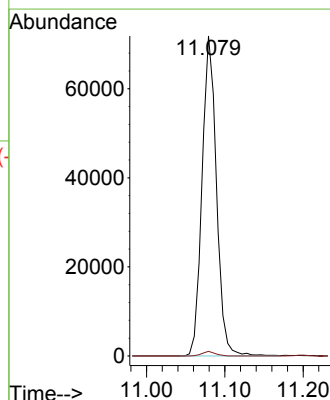
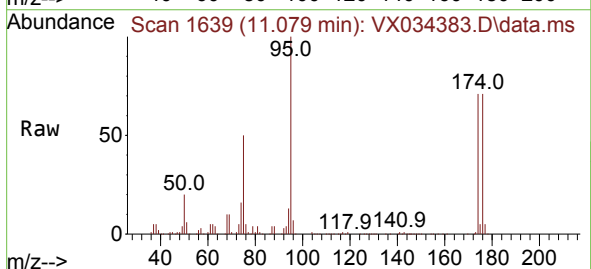
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20230306

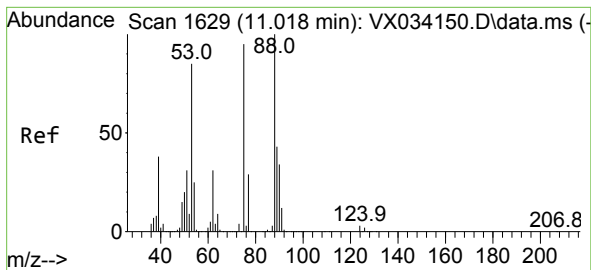
Tgt Ion:152 Resp: 162747
Ion Ratio Lower Upper
152 100
115 59.7 38.7 116.1
150 155.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 22.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034383.D
Acq: 08 Mar 2023 15:08

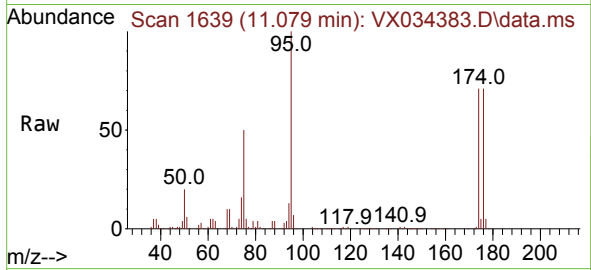
Tgt Ion: 75 Resp: 91943
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.676 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034383.D
 Acq: 08 Mar 2023 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20230306



Tgt Ion: 75 Resp: 91943
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.1 37.7 56.5#

