

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034467.D
 Acq On : 14 Mar 2023 16:07
 Operator : JC/MD
 Sample : 01880-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20230310DL

Quant Time: Mar 15 06:49:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

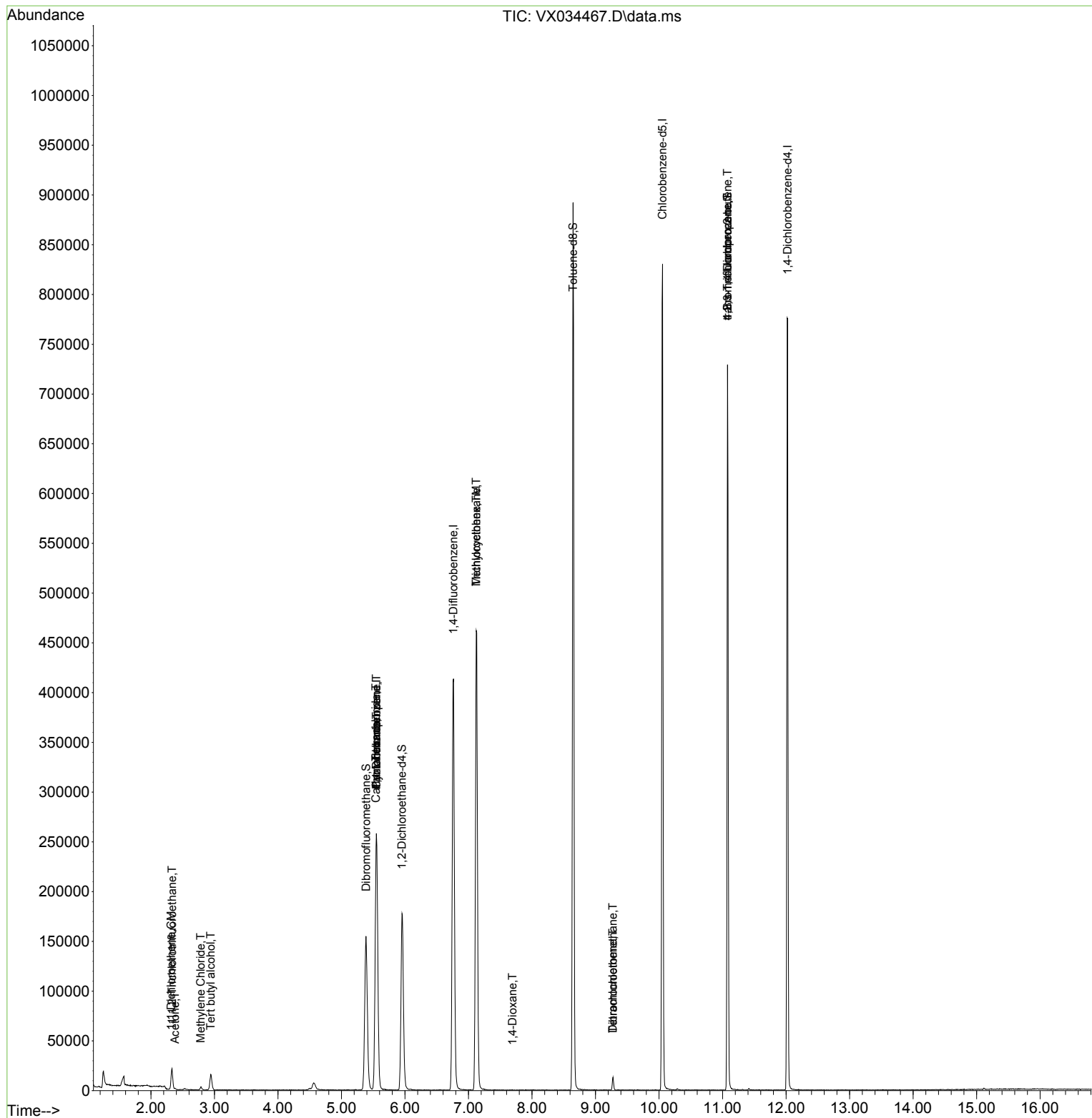
Internal Standards						
1) Pentafluorobenzene	5.550	168	247855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	425009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165525	45.905	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.820%		
35) Dibromofluoromethane	5.385	113	133693	47.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	8.647	98	512950	48.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	187426	44.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.600%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	194	Below Cal		94
9) 1,1,2-Trichlorotrifluo...	2.331	101	7794	2.829 ug/l		98
11) Tert butyl alcohol	2.941	59	9221	12.280 ug/l #		74
12) 1,1-Dichloroethene	2.319	96	631	0.233 ug/l #		78
16) Acetone	2.380	43	1175	0.692 ug/l		97
20) Methylene Chloride	2.782	84	1554	0.471 ug/l #		74
31) Cyclohexane	5.550	56	5600	1.107 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	19907	4.619 ug/l #		50
38) Carbon Tetrachloride	5.544	117	25814	6.021 ug/l #		16
39) Methylcyclohexane	7.123	83	2074	0.402 ug/l #		1
44) Trichloroethene	7.123	130	178238	54.407 ug/l		99
49) 1,4-Dioxane	7.690	88	22	0.273 ug/l #		1
60) Dibromochloromethane	9.275	129	2009	0.618 ug/l #		10
64) Tetrachloroethene	9.275	164	2195	0.867 ug/l		90
76) 1,2,3-Trichloropropane	11.079	75	96995	25.956 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	96995	70.220 ug/l #		8

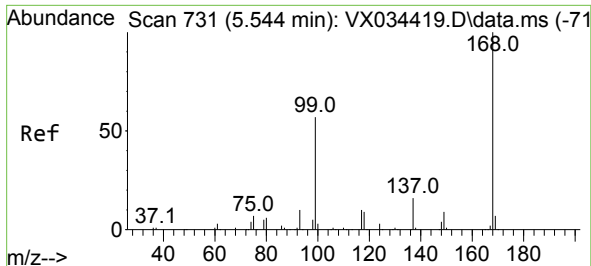
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D2-20230310DL

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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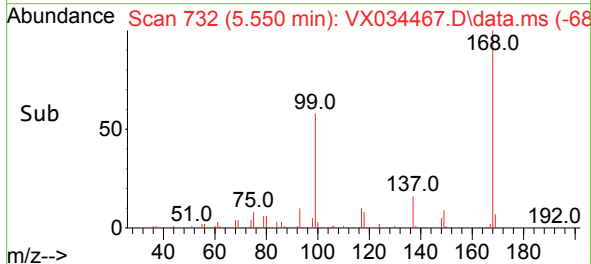
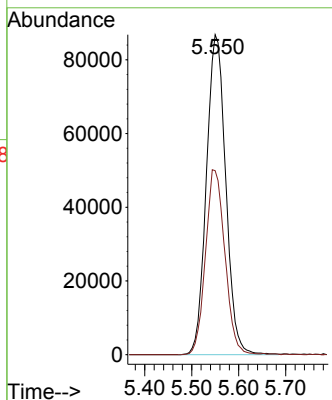
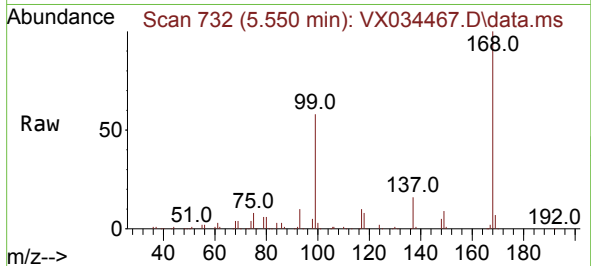




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

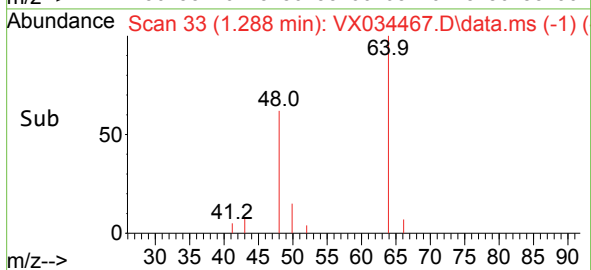
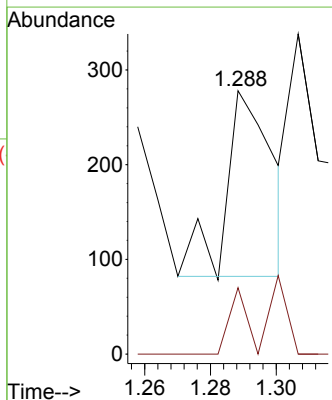
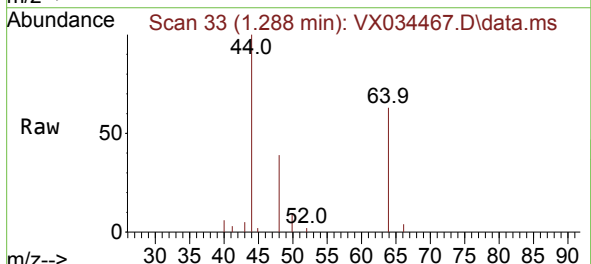
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

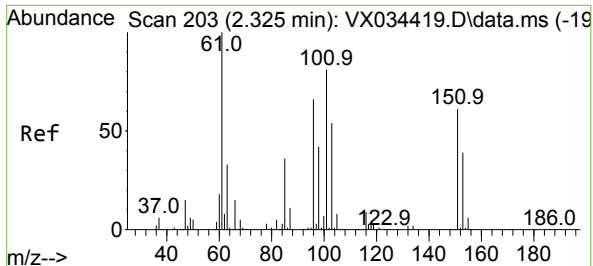
Tgt Ion:168 Resp: 247855
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 35.7 25.9 38.9

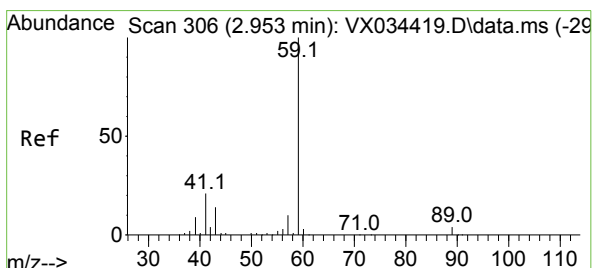
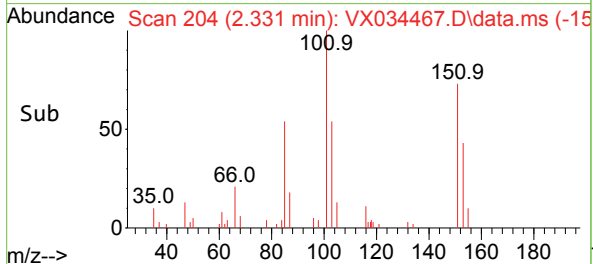
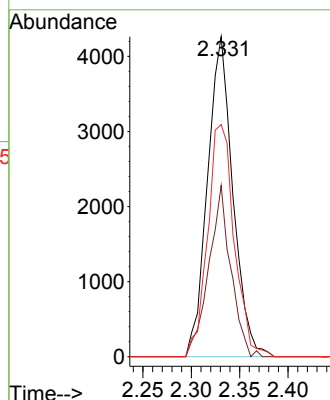
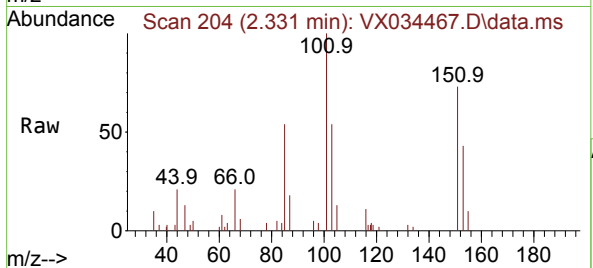




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.829 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

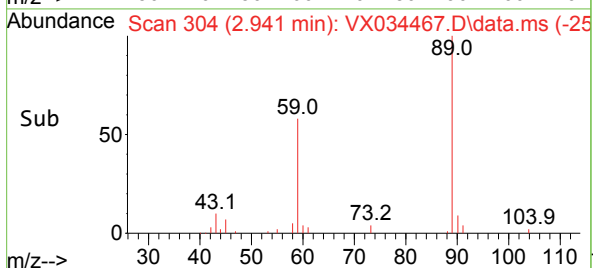
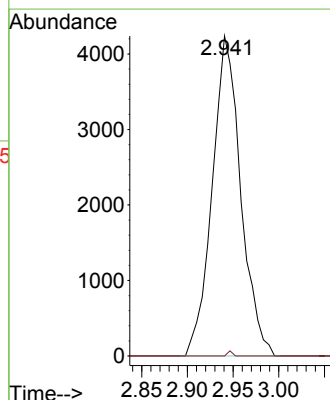
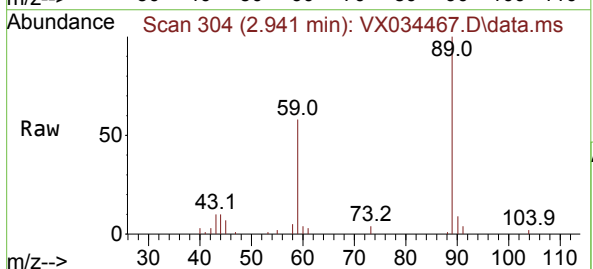
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

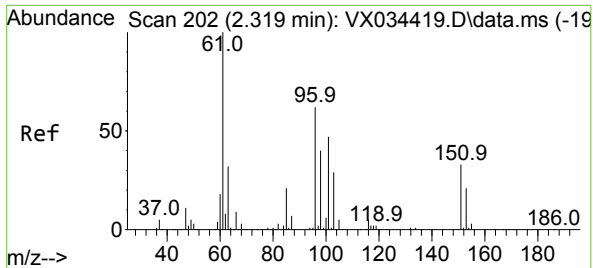
Tgt Ion:101 Resp: 7794
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.2
151 76.1 60.2 90.4



#11
Tert butyl alcohol
Concen: 12.280 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 59 Resp: 9221
Ion Ratio Lower Upper
59 100
57 0.3 8.1 12.1#

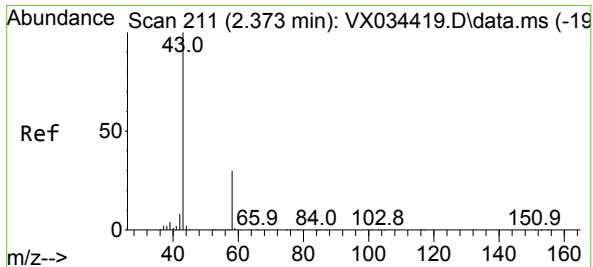
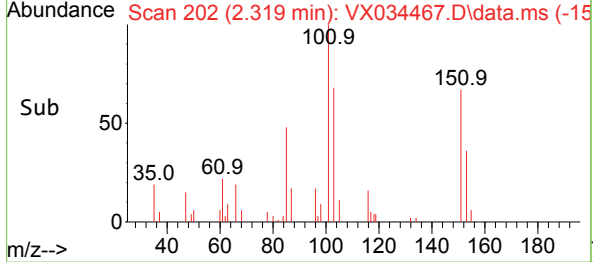
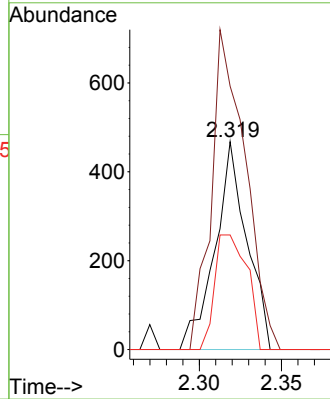
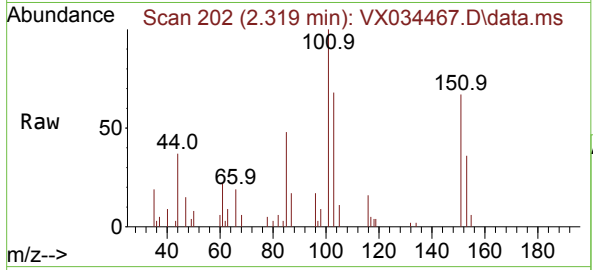




#12
1,1-Dichloroethene
Concen: 0.233 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

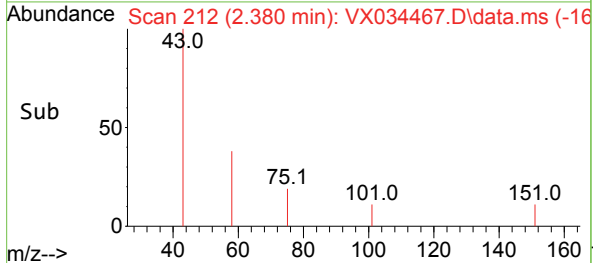
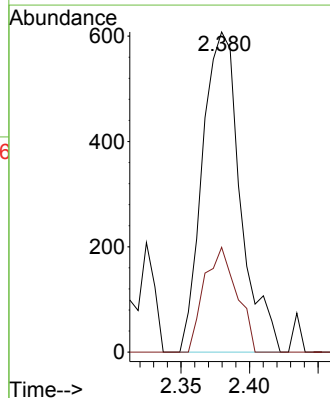
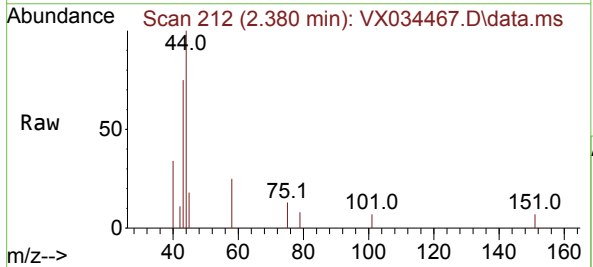
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

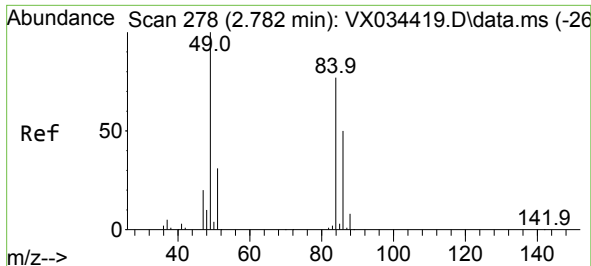
Tgt Ion: 96 Resp: 631
Ion Ratio Lower Upper
96 100
61 126.7 128.8 193.2#
98 55.1 51.4 77.0



#16
Acetone
Concen: 0.692 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 32.7 24.7 37.1

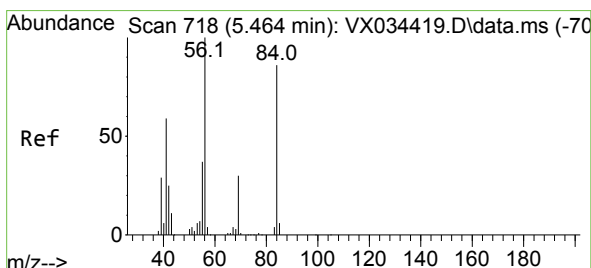
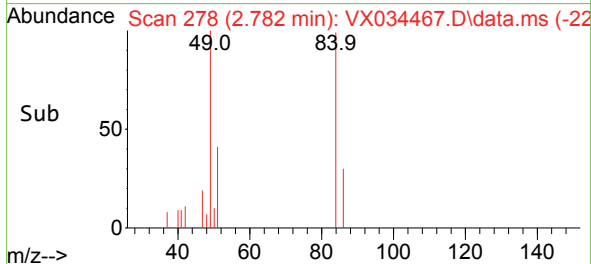
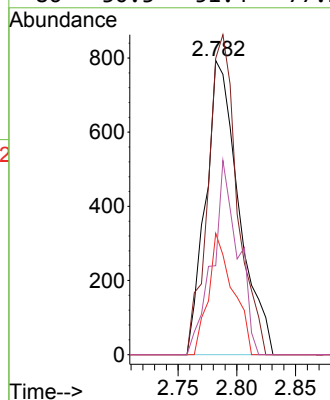
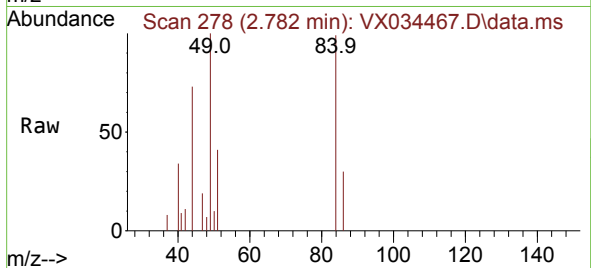




#20
Methylene Chloride
Concen: 0.471 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

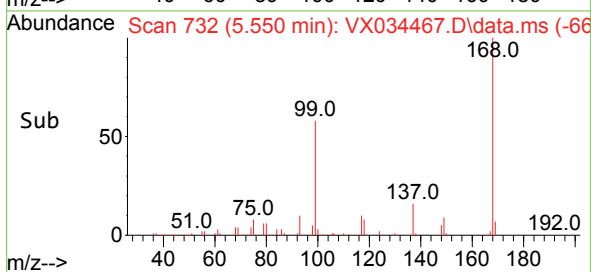
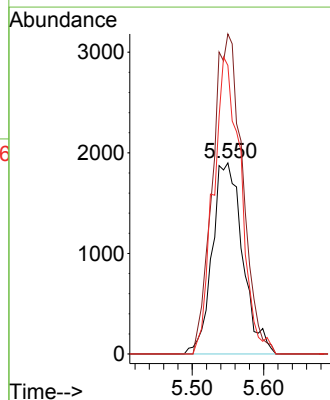
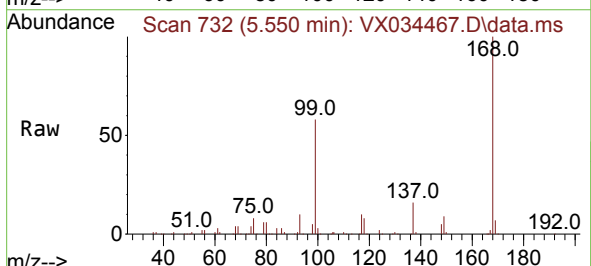
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

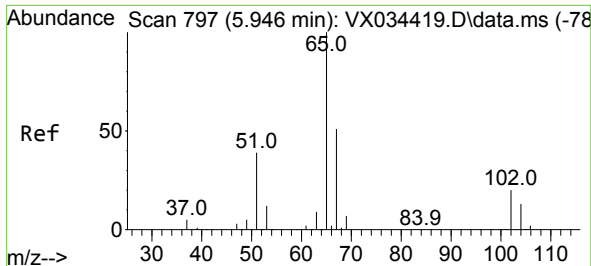
Tgt Ion:	84	Resp:	1554
Ion	Ratio	Lower	Upper
84	100		
49	100.8	103.8	155.8#
51	41.2	31.8	47.8
86	30.3	51.4	77.2#



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion:	56	Resp:	5600
Ion	Ratio	Lower	Upper
56	100		
69	167.5	23.7	35.5#
84	151.0	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.905 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034467.D

Acq: 14 Mar 2023 16:07

Instrument :

MSVOA_X

ClientSampleId :

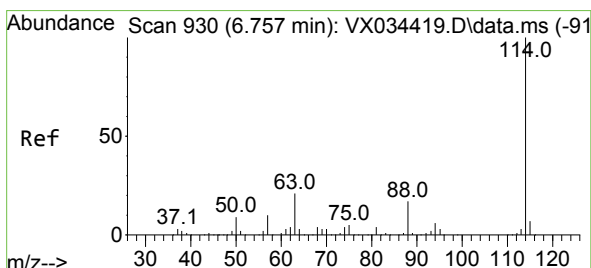
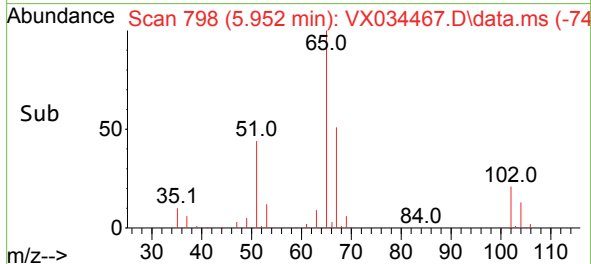
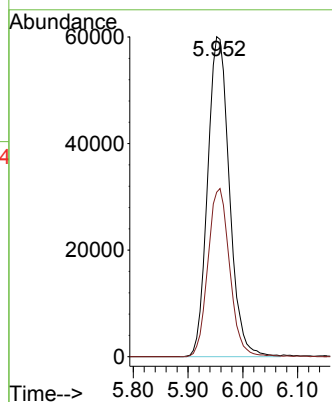
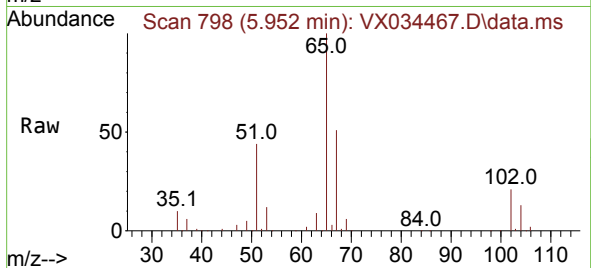
RE120D2-20230310DL

Tgt Ion: 65 Resp: 165525

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034467.D

Acq: 14 Mar 2023 16:07

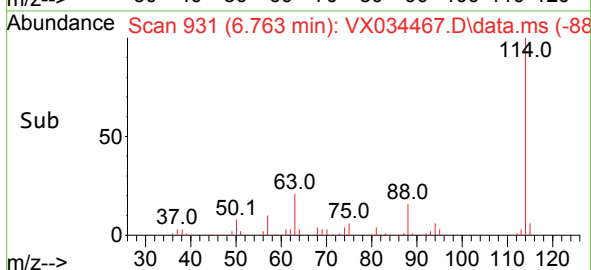
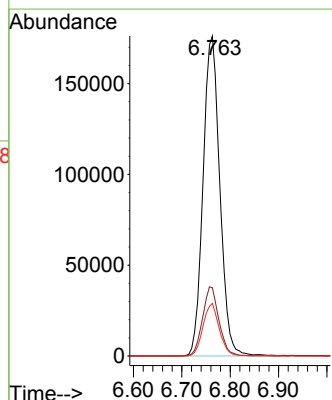
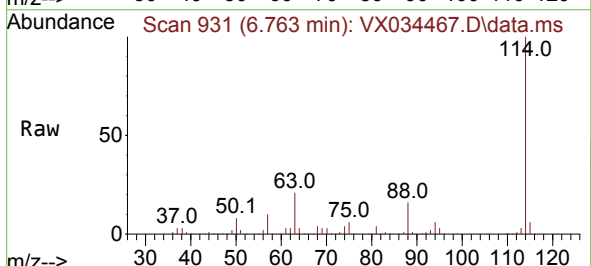
Tgt Ion: 114 Resp: 425009

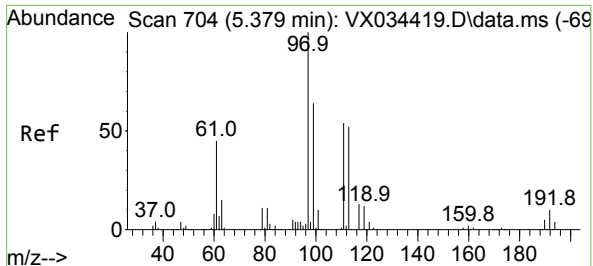
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.5 0.0 33.2

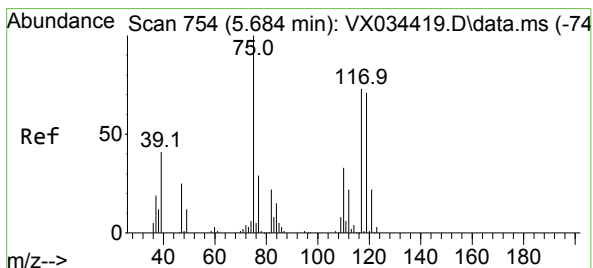
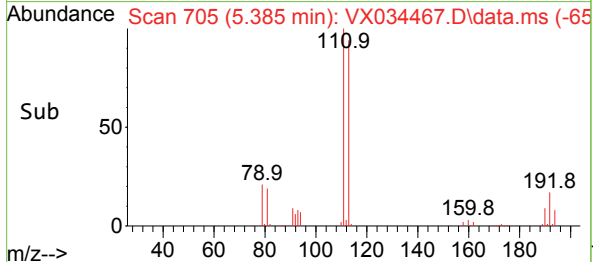
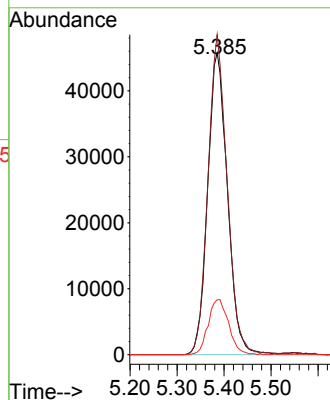
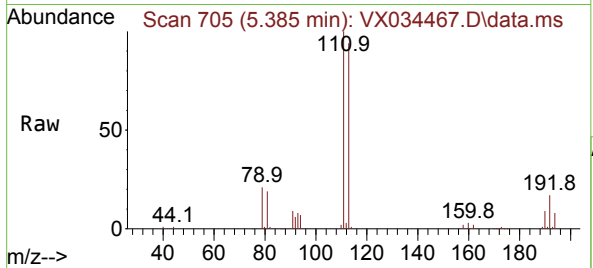




#35
Dibromofluoromethane
Concen: 47.644 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

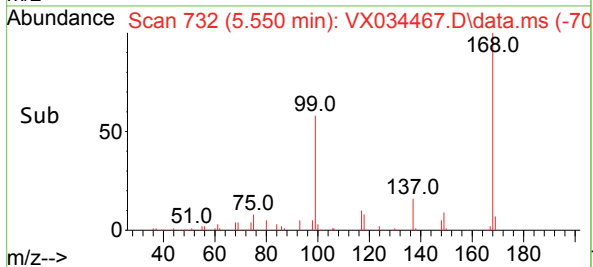
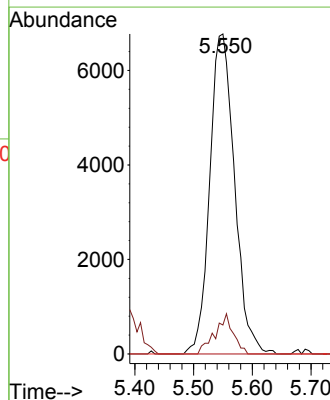
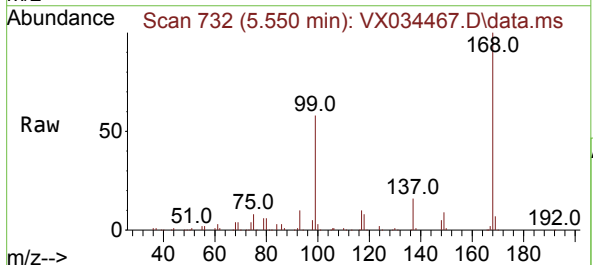
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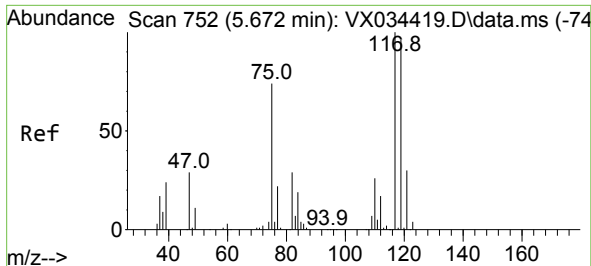
Tgt Ion:113 Resp: 133693
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

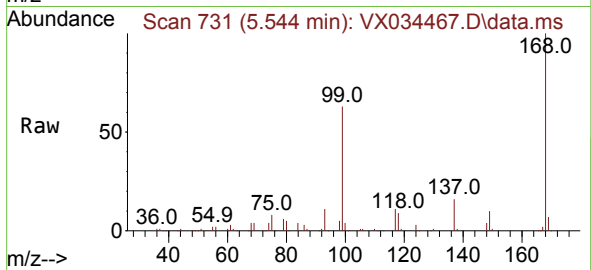
Tgt Ion: 75 Resp: 19907
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



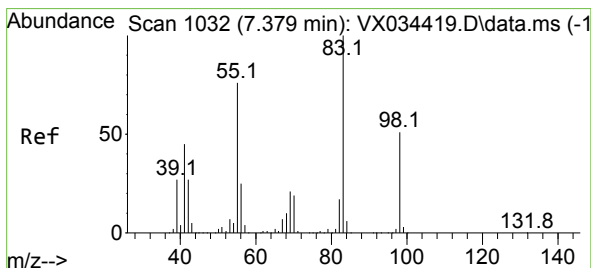
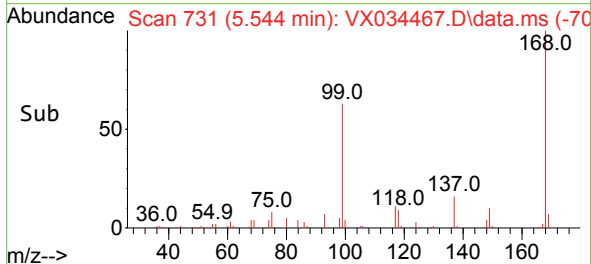
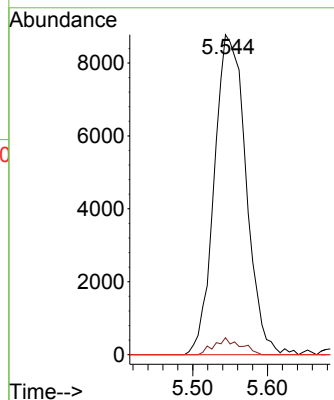


#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

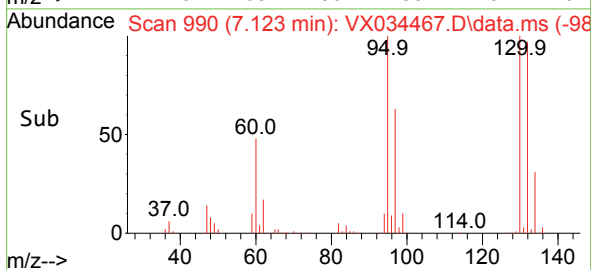
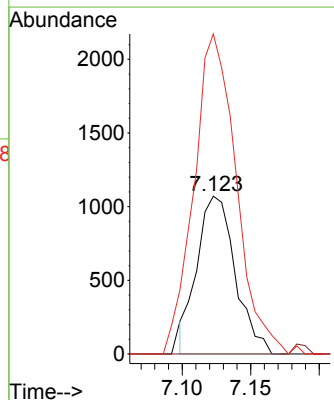
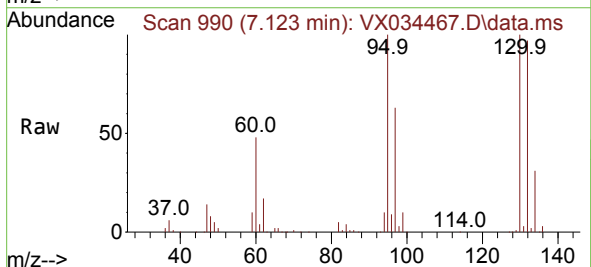


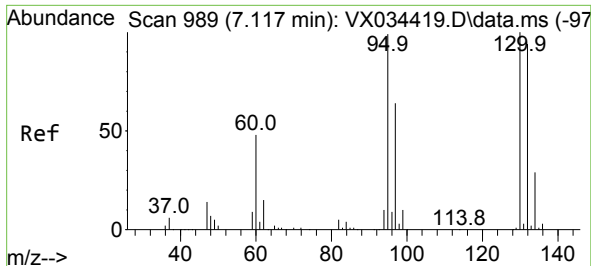
Tgt Ion:117 Resp: 25814
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.402 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 83 Resp: 2074
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 196.6 40.4 60.6#

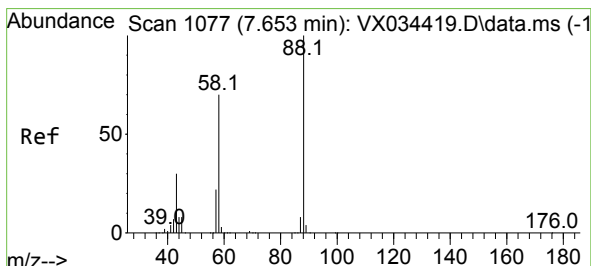
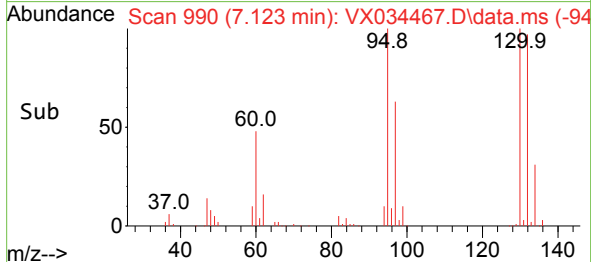
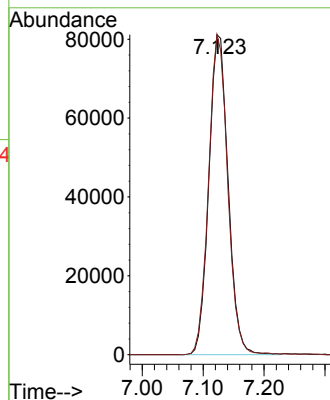
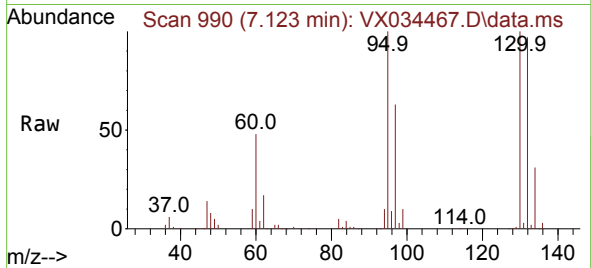




#44
Trichloroethene
Concen: 54.407 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

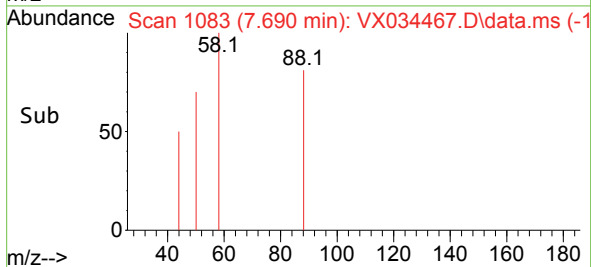
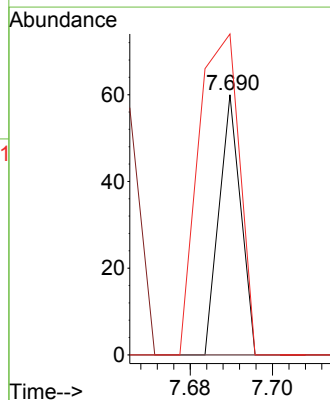
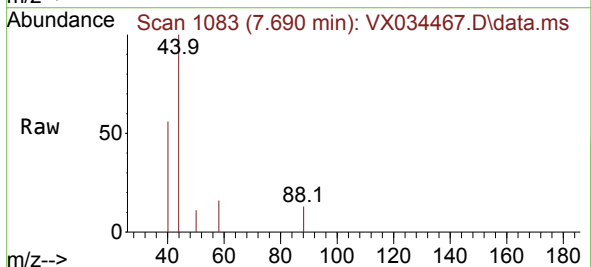
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

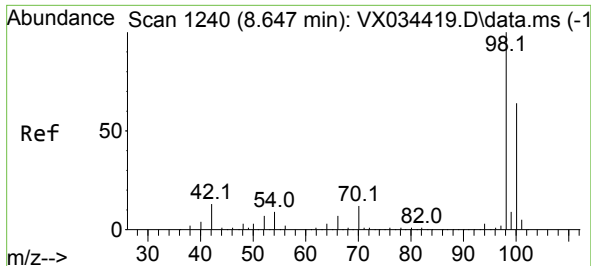
Tgt Ion:130 Resp: 178238
Ion Ratio Lower Upper
130 100
95 100.0 0.0 198.4



#49
1,4-Dioxane
Concen: 0.273 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.037 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 231.8 56.8 85.2#

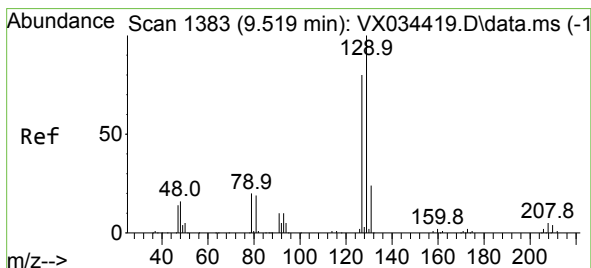
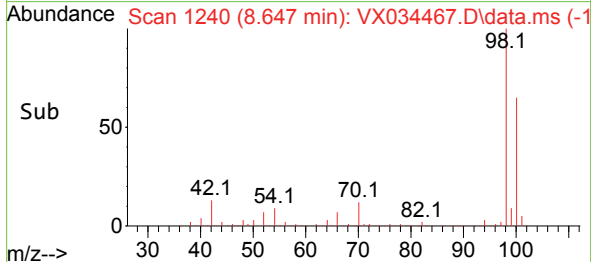
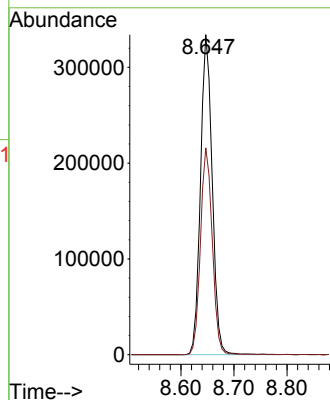
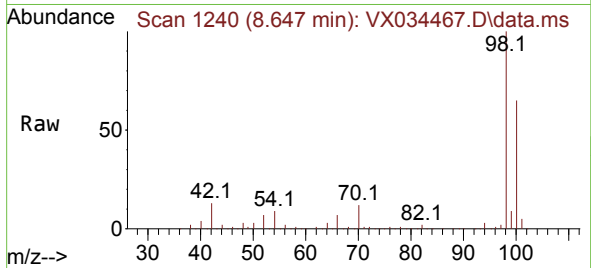




#50
Toluene-d8
Concen: 48.967 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

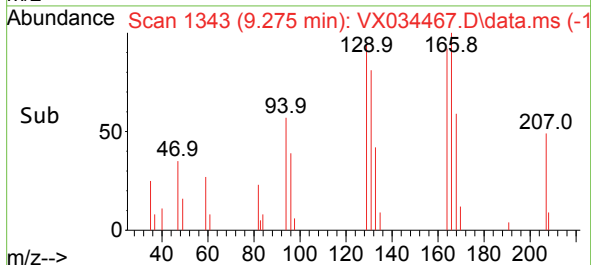
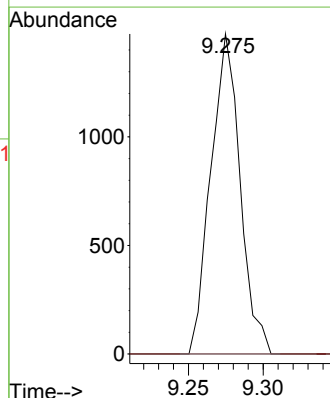
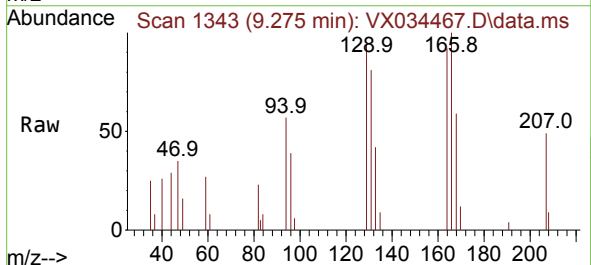
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

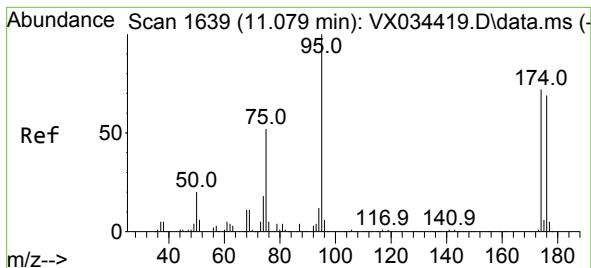
Tgt Ion: 98 Resp: 512950
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#60
Dibromochloromethane
Concen: 0.618 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 129 Resp: 2009
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

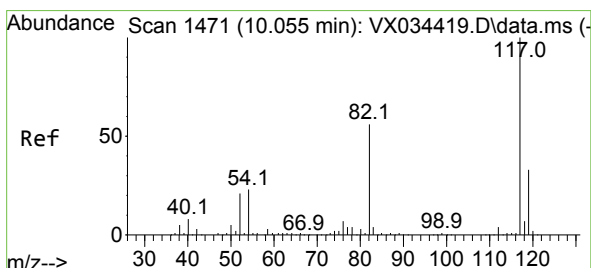
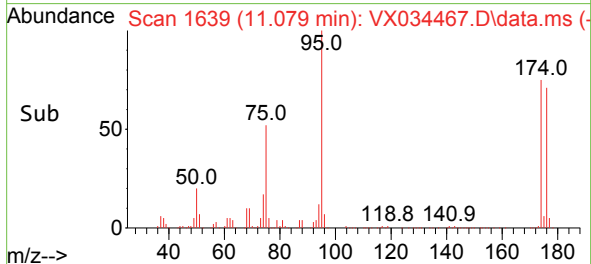
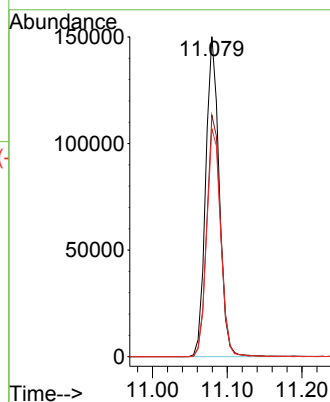
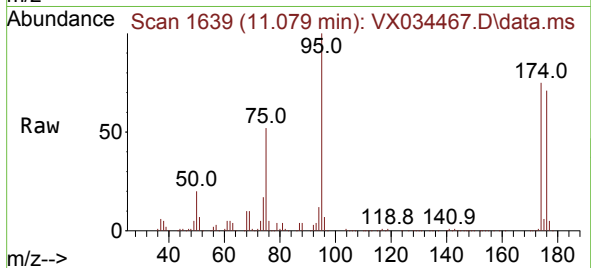




#62
4-Bromofluorobenzene
Concen: 44.296 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

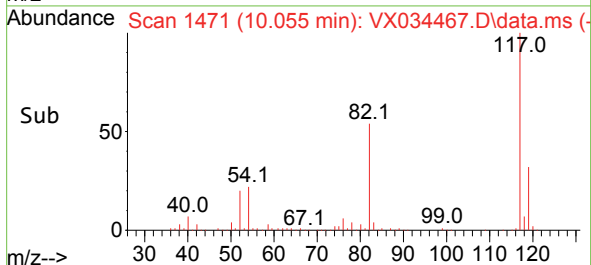
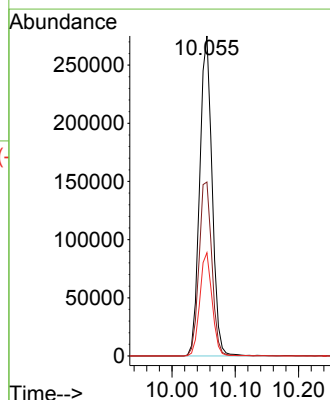
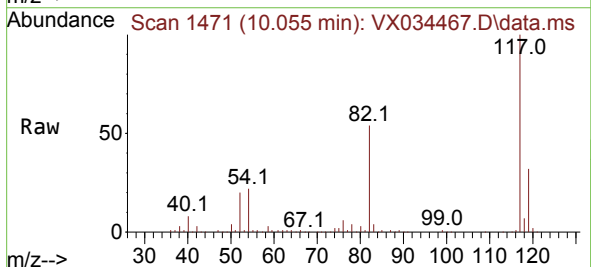
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

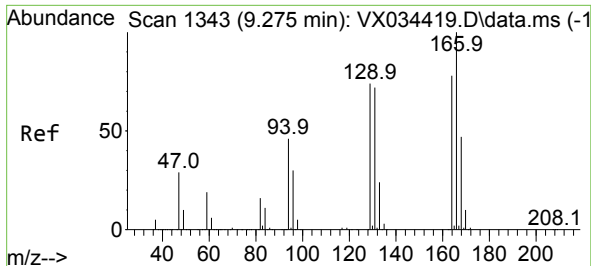
Tgt Ion: 95 Resp: 187426
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.4
176 74.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 117 Resp: 376714
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.3 26.0 39.0

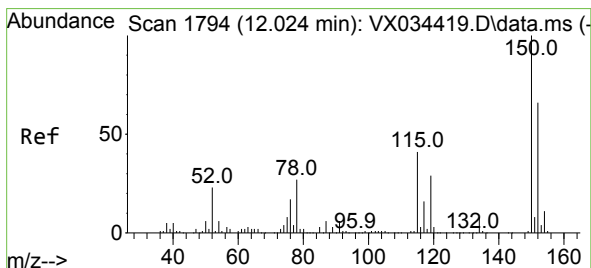
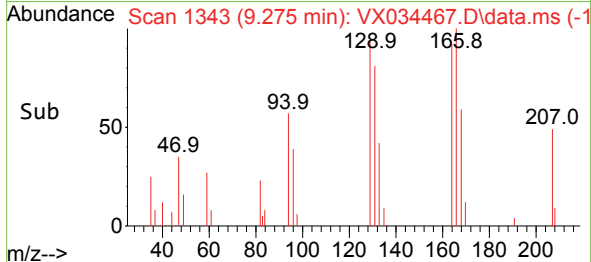
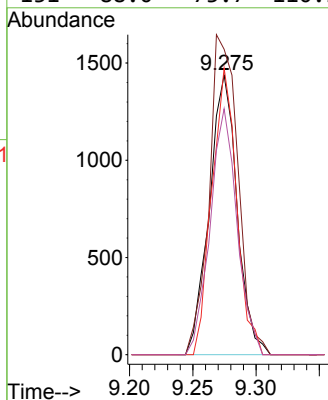
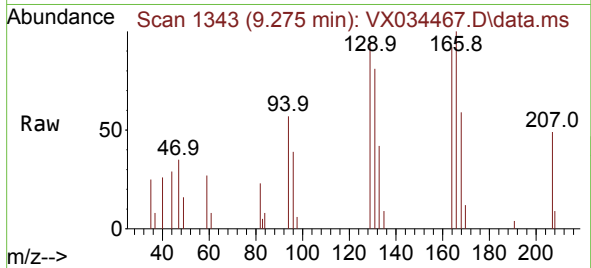




#64
Tetrachloroethene
Concen: 0.867 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

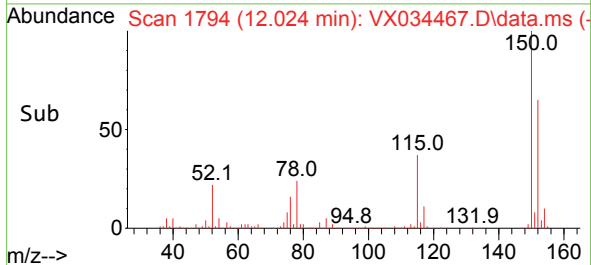
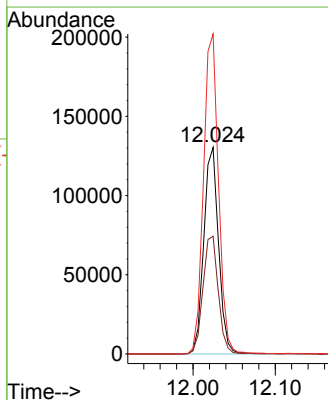
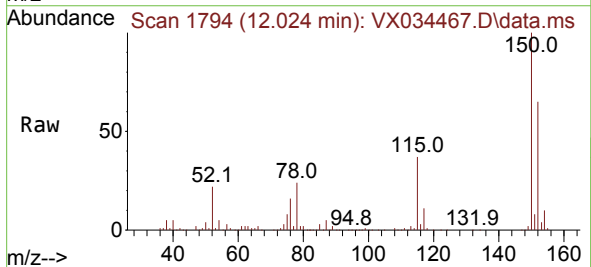
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

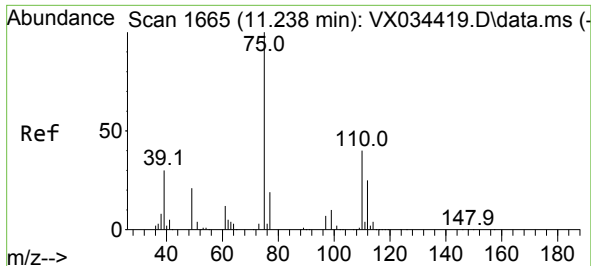
Tgt Ion:	164	Resp:	2195
Ion Ratio	Lower	Upper	
164	100		
166	109.2	102.7	154.1
129	102.5	75.6	113.4
131	88.0	73.7	110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion:	152	Resp:	162746
Ion Ratio	Lower	Upper	
152	100		
115	59.3	45.0	135.0
150	157.5	0.0	352.4

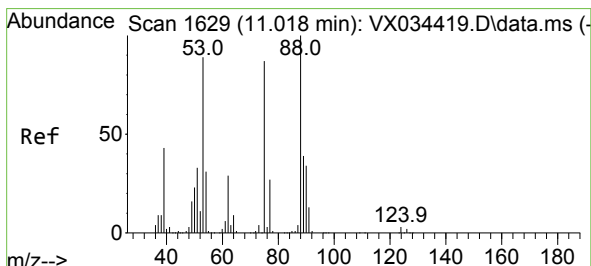
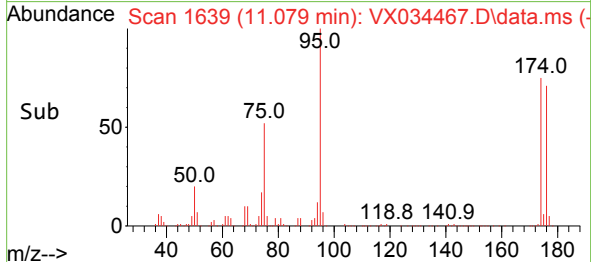
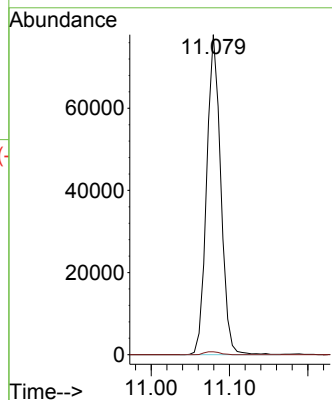
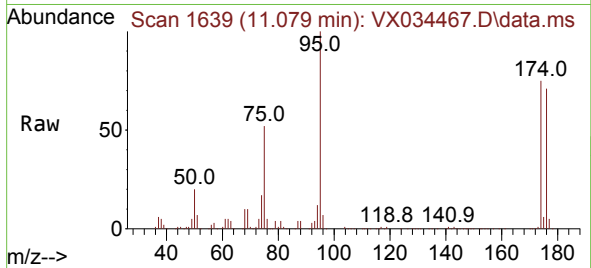




#76
1,2,3-Trichloropropane
Concen: 25.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20230310DL

Tgt Ion: 75 Resp: 96995
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034467.D
Acq: 14 Mar 2023 16:07

Tgt Ion: 75 Resp: 96995
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

