

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034455.D
 Acq On : 14 Mar 2023 11:24
 Operator : JC/MD
 Sample : 01879-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20230308DL

Quant Time: Mar 15 06:37:22 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)

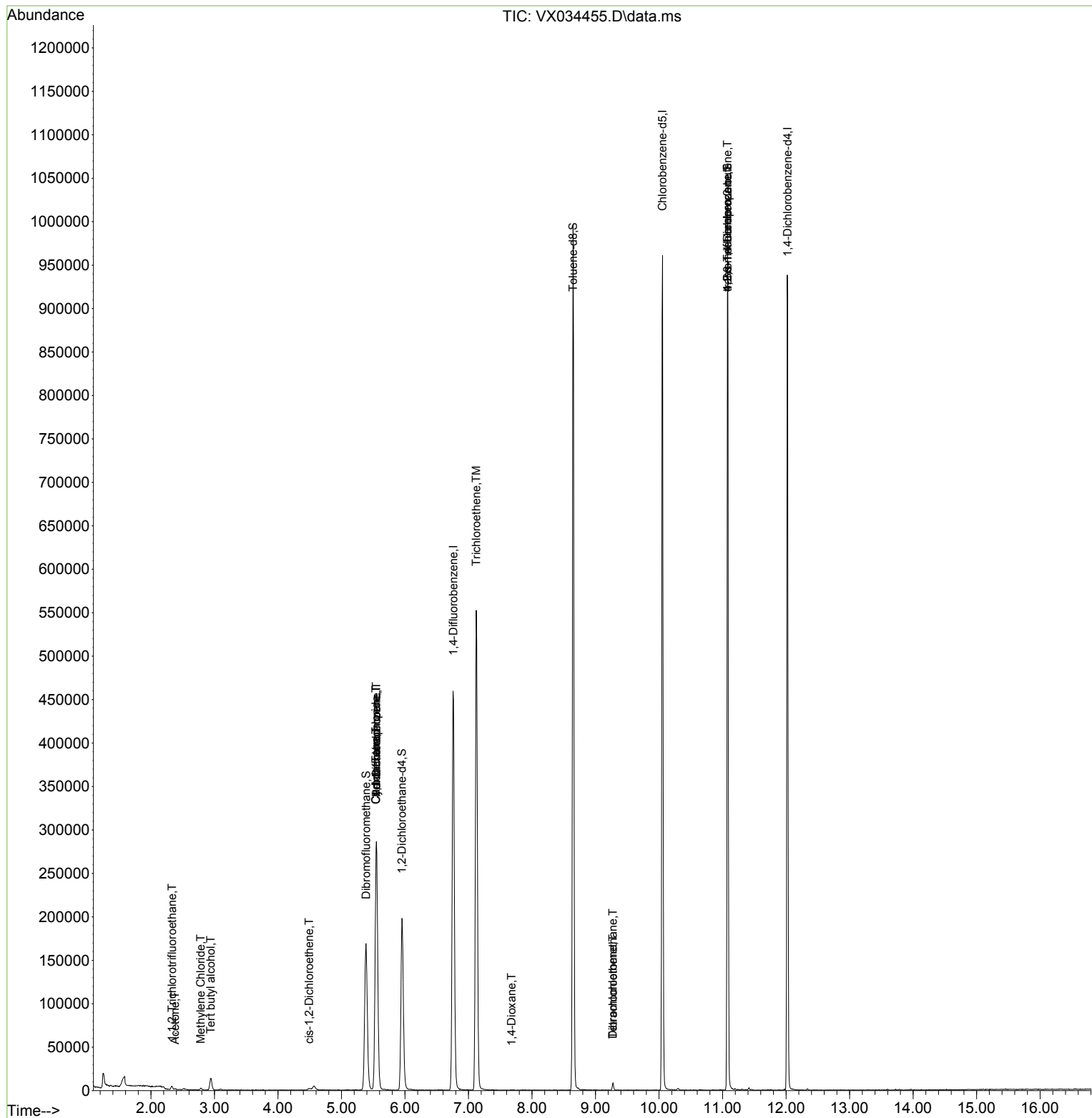
Internal Standards						
1) Pentafluorobenzene	5.550	168	273825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180629	45.343	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.680%		
35) Dibromofluoromethane	5.385	113	147964	47.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.647	98	567601	48.866	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	260064	55.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.860%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	802	Below Cal	#	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	1321	0.434	ug/l	96
11) Tert butyl alcohol	2.941	59	8175	9.855	ug/l #	75
16) Acetone	2.380	43	1183	0.630	ug/l #	84
20) Methylene Chloride	2.782	84	894	0.245	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	784	0.205	ug/l #	5
31) Cyclohexane	5.544	56	6404	1.146	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	22097	4.624	ug/l #	50
38) Carbon Tetrachloride	5.544	117	26827	5.643	ug/l #	17
44) Trichloroethene	7.123	130	211794	58.305	ug/l	100
49) 1,4-Dioxane	7.677	88	217	2.429	ug/l #	65
60) Dibromochloromethane	9.275	129	1256	0.349	ug/l #	10
64) Tetrachloroethene	9.275	164	1355	0.479	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	139910	32.058	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	139910	86.728	ug/l #	8

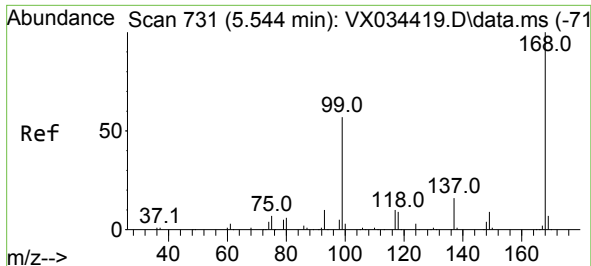
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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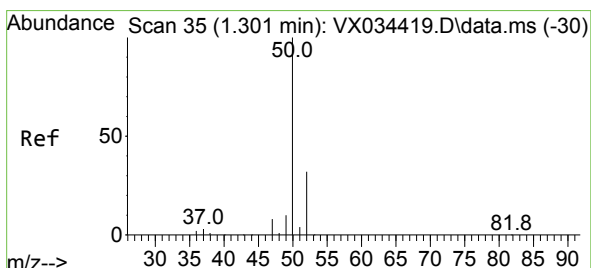
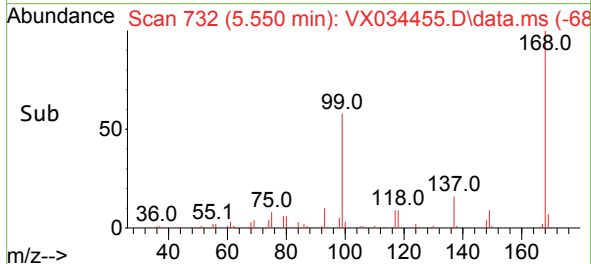
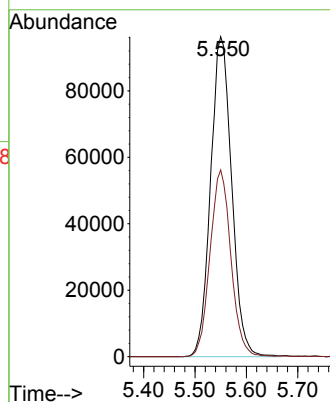
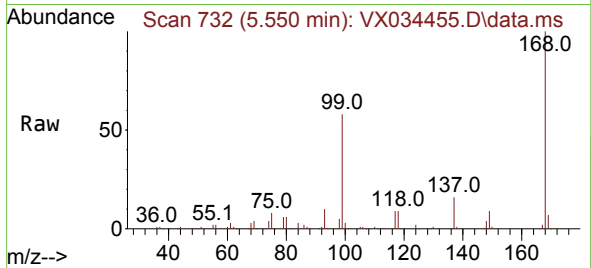




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

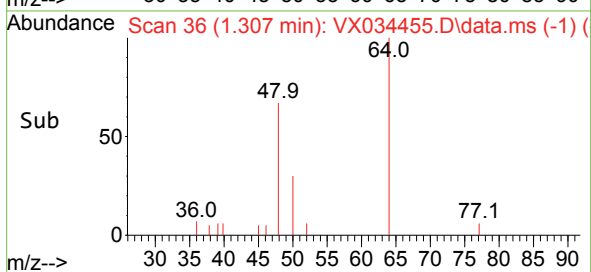
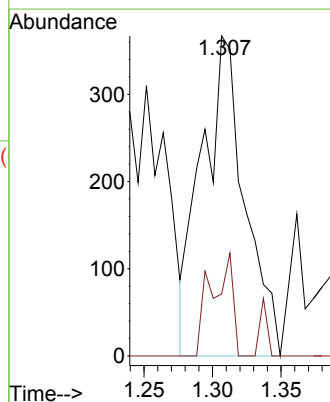
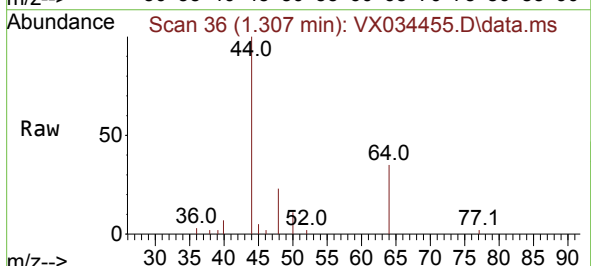
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

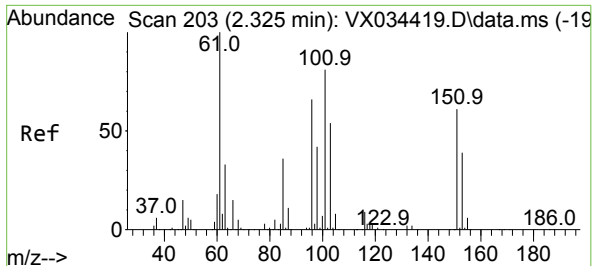
Tgt Ion:168 Resp: 273825
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 19.3 25.9 38.9

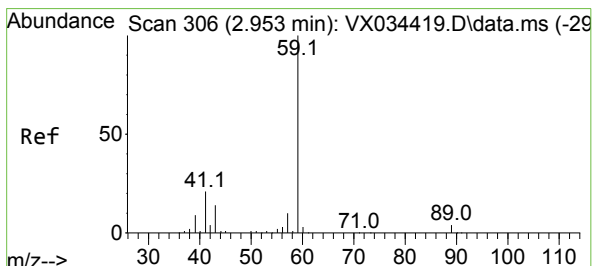
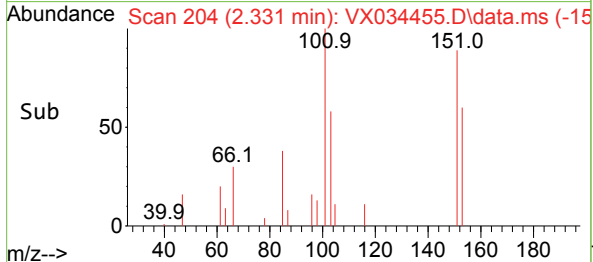
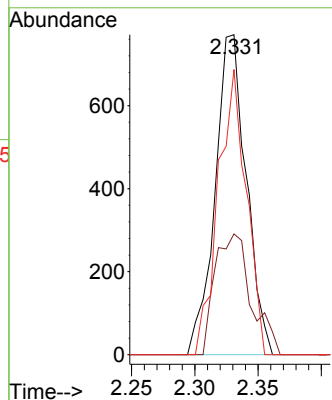
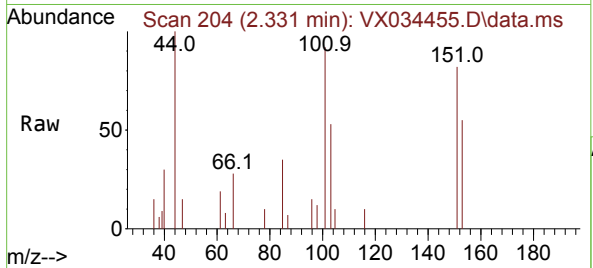




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.434 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

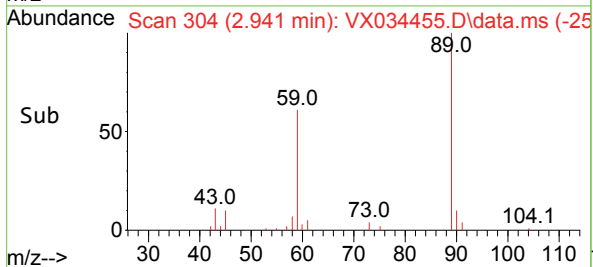
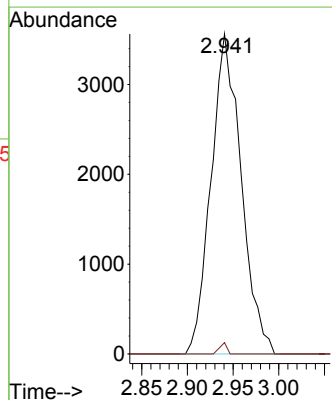
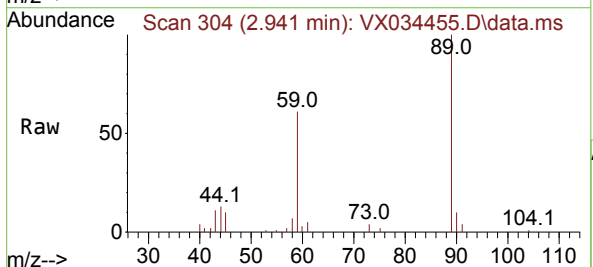
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

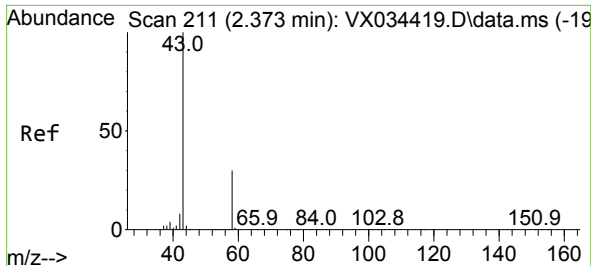
Tgt Ion:101 Resp: 1321
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.2
151 80.2 60.2 90.4



#11
Tert butyl alcohol
Concen: 9.855 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion: 59 Resp: 8175
Ion Ratio Lower Upper
59 100
57 0.9 8.1 12.1#

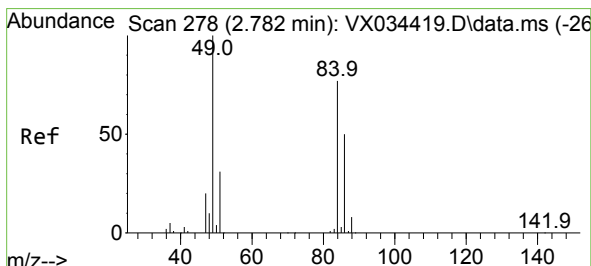
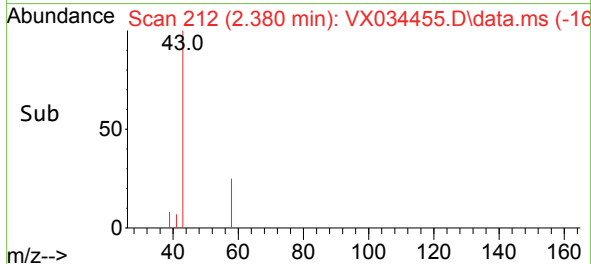
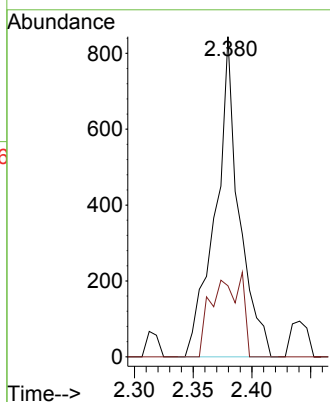
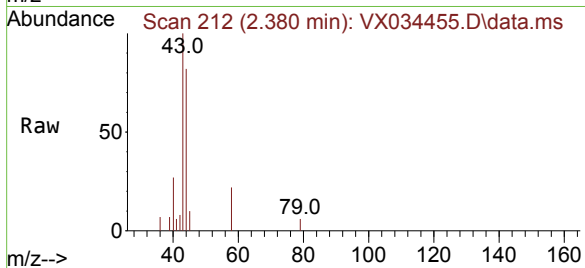




#16
Acetone
Concen: 0.630 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

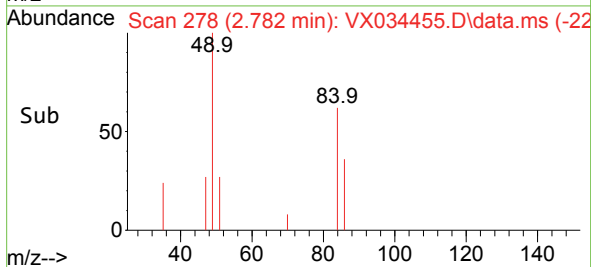
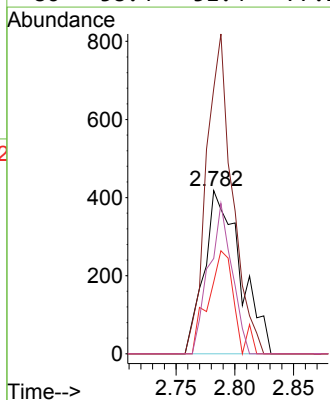
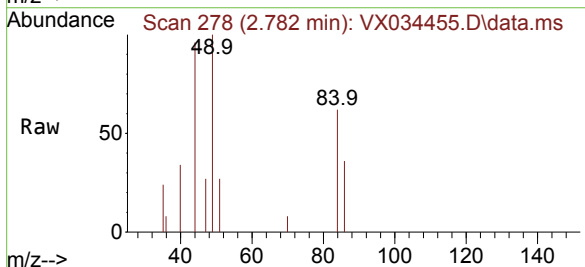
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

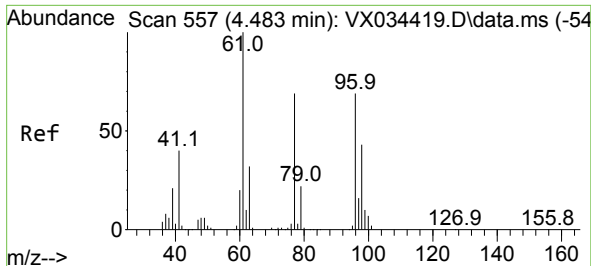
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 22.2 24.7 37.1#



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion: 84 Resp: 894
Ion Ratio Lower Upper
84 100
49 162.4 103.8 155.8#
51 44.0 31.8 47.8
86 58.4 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 0.205 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034455.D

Acq: 14 Mar 2023 11:24

Instrument :

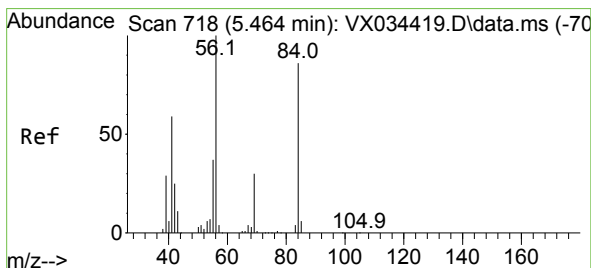
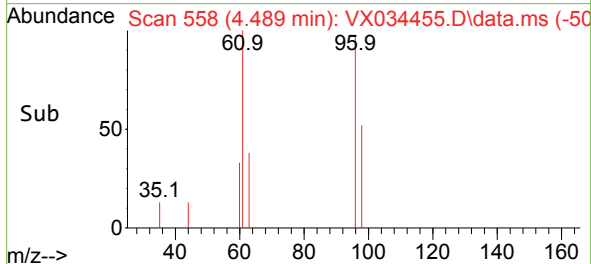
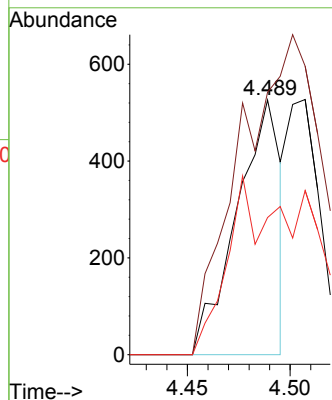
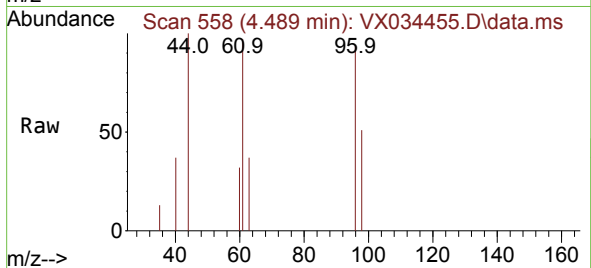
MSVOA_X

ClientSampleId :

RE122D1-20230308DL

Tgt Ion: 96 Resp: 784

Ion	Ratio	Lower	Upper
96	100		
61	278.2	0.0	300.4
98	0.0	0.0	129.0



#31

Cyclohexane

Concen: 1.146 ug/l

RT: 5.544 min Scan# 731

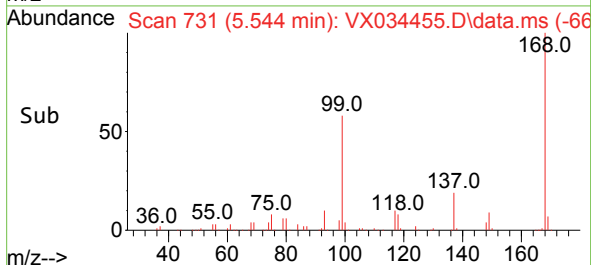
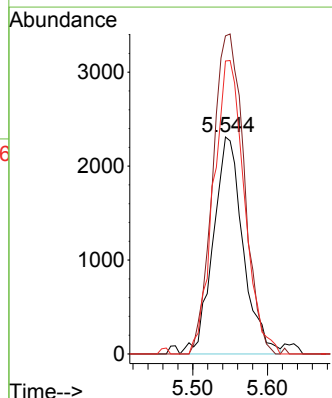
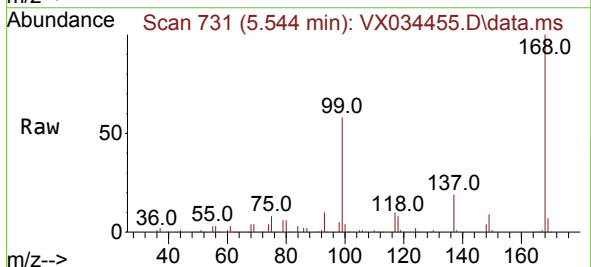
Delta R.T. 0.079 min

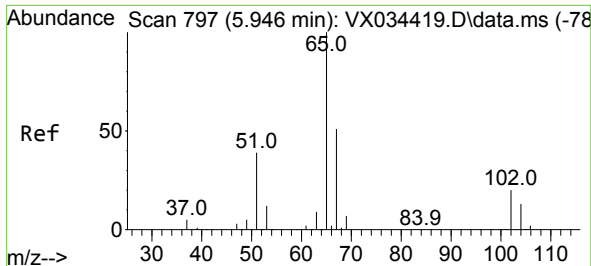
Lab File: VX034455.D

Acq: 14 Mar 2023 11:24

Tgt Ion: 56 Resp: 6404

Ion	Ratio	Lower	Upper
56	100		
69	146.6	23.7	35.5#
84	135.0	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.343 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034455.D

Acq: 14 Mar 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

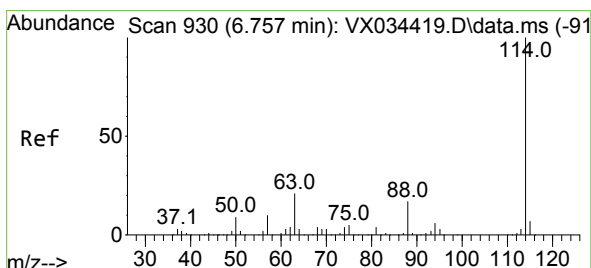
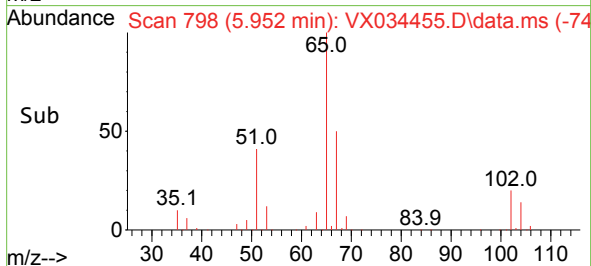
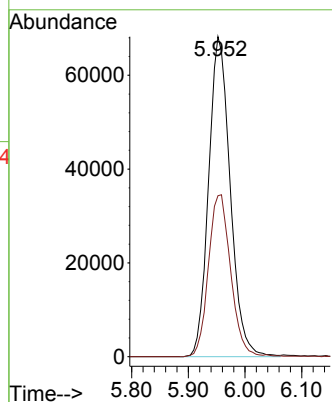
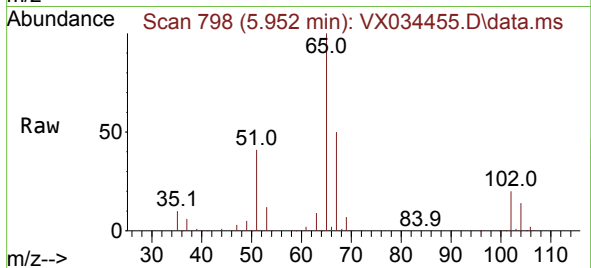
RE122D1-20230308DL

Tgt Ion: 65 Resp: 180629

Ion Ratio Lower Upper

65 100

67 52.3 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: VX034455.D

Acq: 14 Mar 2023 11:24

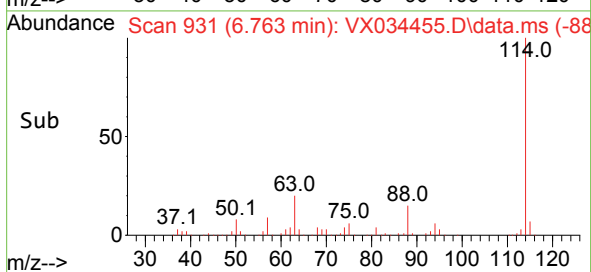
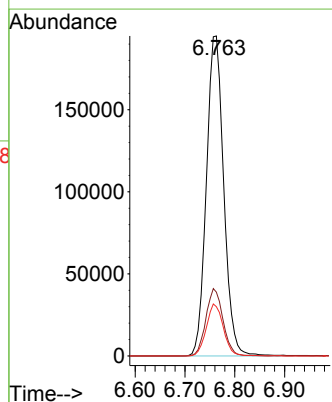
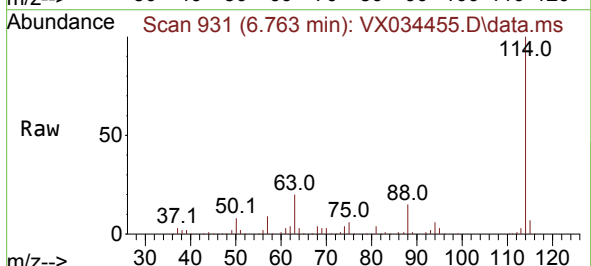
Tgt Ion: 114 Resp: 471261

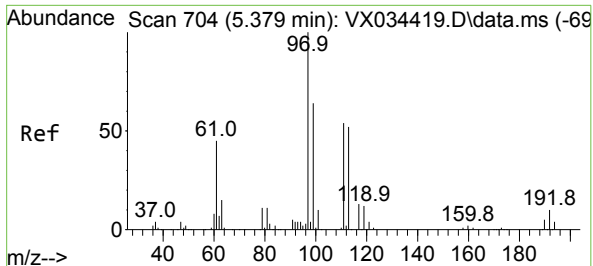
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 15.4 0.0 33.2

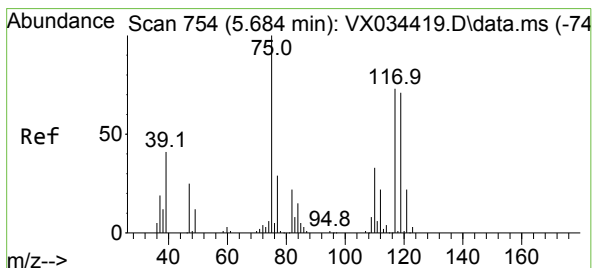
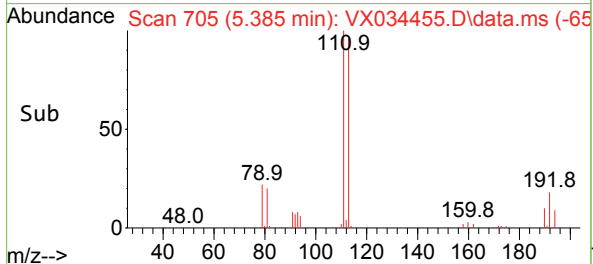
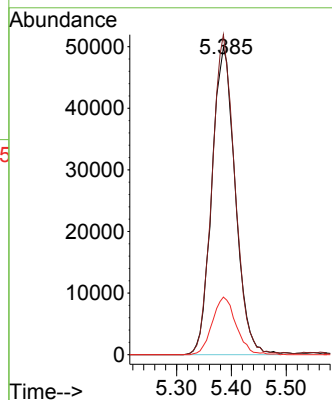
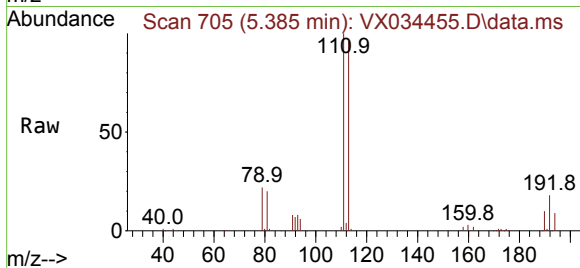




#35
Dibromofluoromethane
Concen: 47.554 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

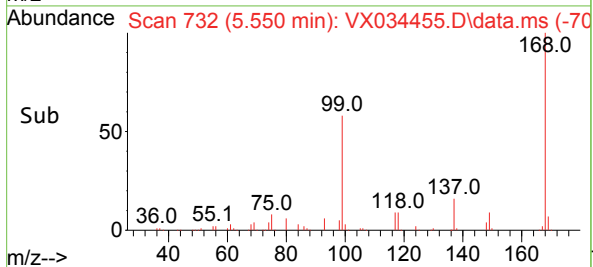
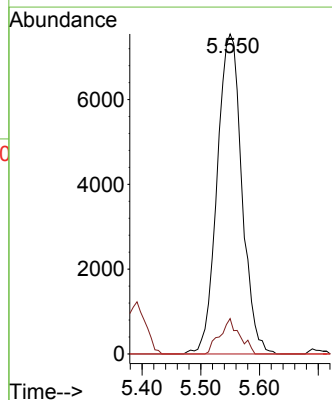
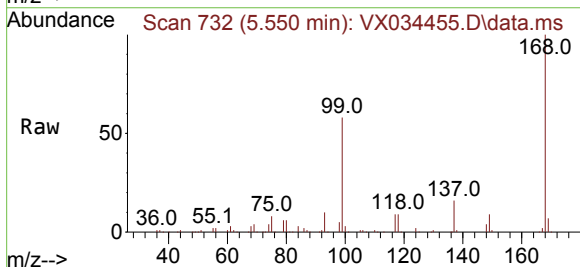
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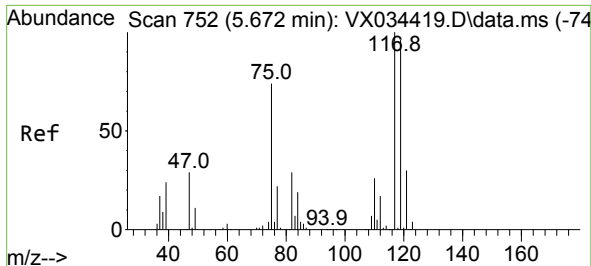
Tgt Ion:113 Resp: 147964
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

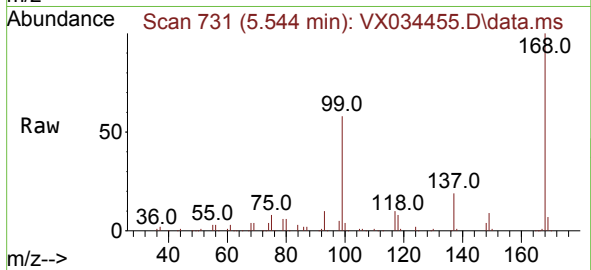
Tgt Ion: 75 Resp: 22097
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



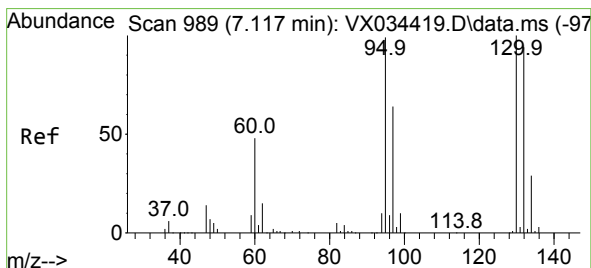
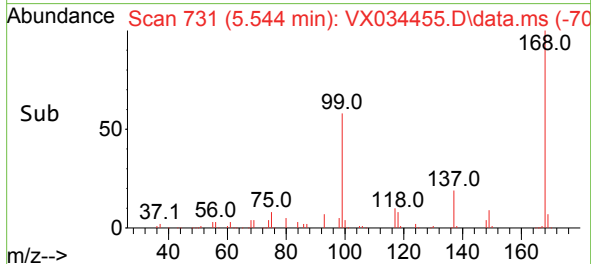
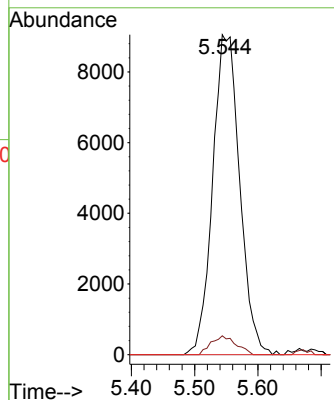


#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

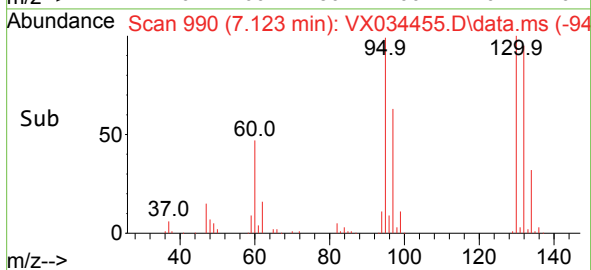
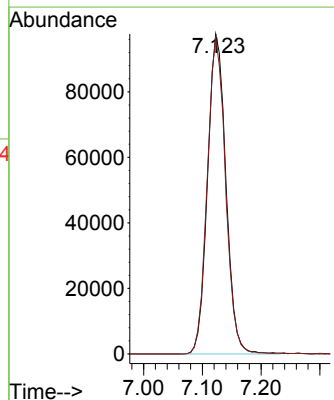
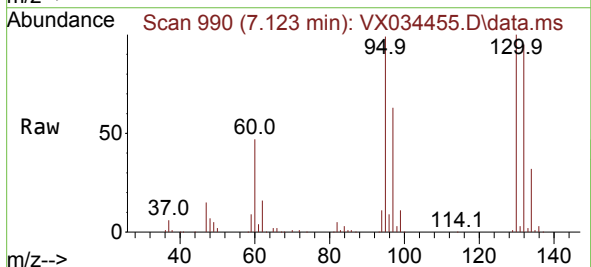


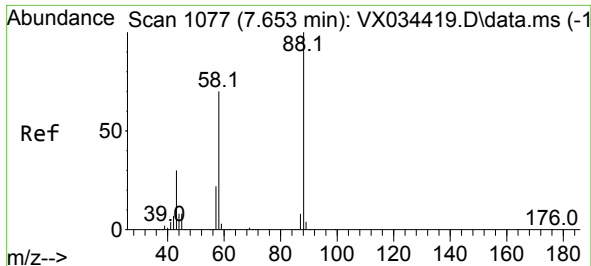
Tgt Ion:117 Resp: 26827
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 58.305 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion:130 Resp: 211794
Ion Ratio Lower Upper
130 100
95 98.9 0.0 198.4





#49

1,4-Dioxane

Concen: 2.429 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.024 min

Lab File: VX034455.D

Acq: 14 Mar 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20230308DL

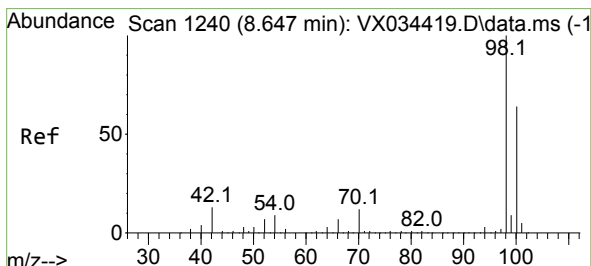
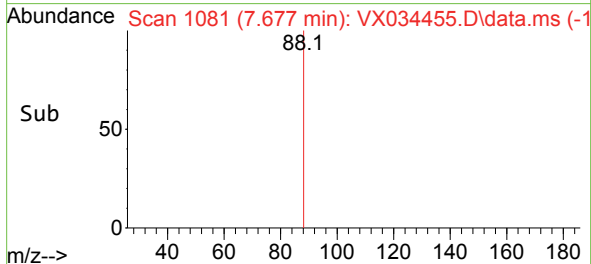
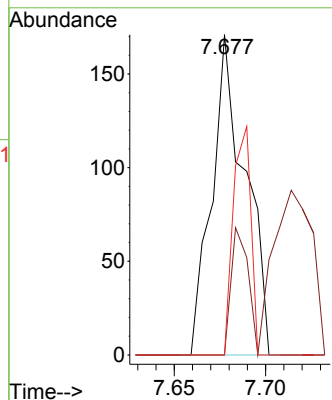
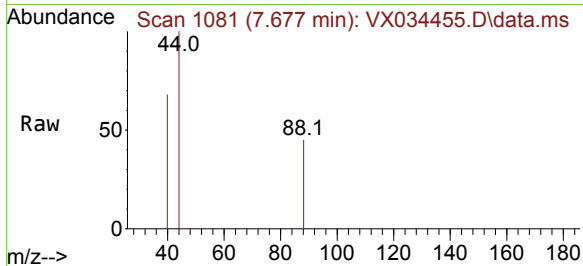
Tgt Ion: 88 Resp: 217

Ion Ratio Lower Upper

88 100

43 20.3 27.7 41.5#

58 37.8 56.8 85.2#



#50

Toluene-d8

Concen: 48.866 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034455.D

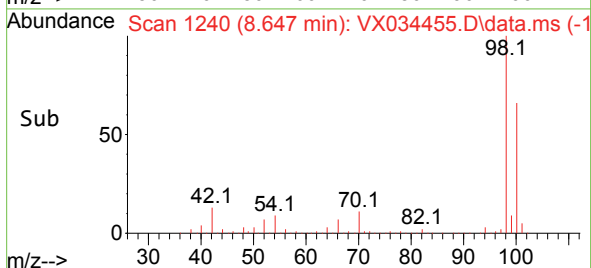
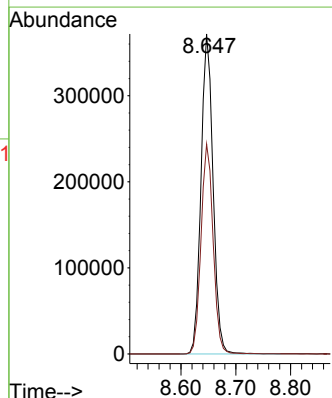
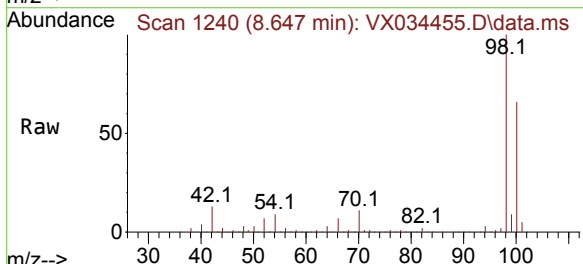
Acq: 14 Mar 2023 11:24

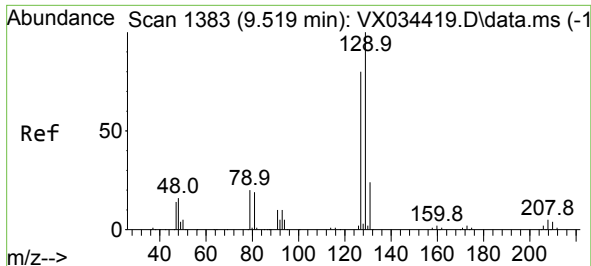
Tgt Ion: 98 Resp: 567601

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

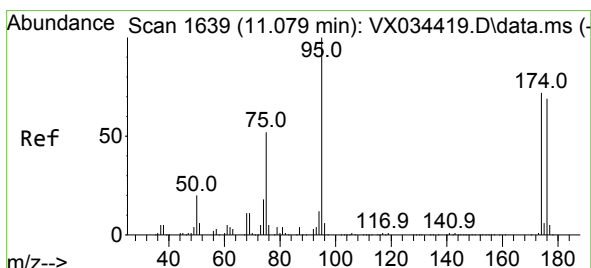
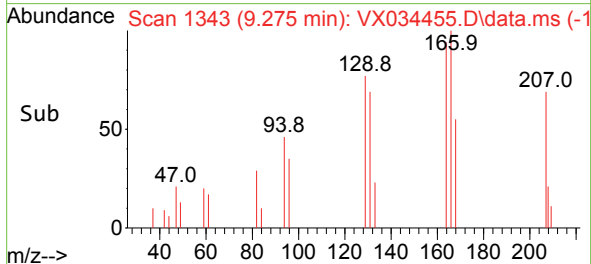
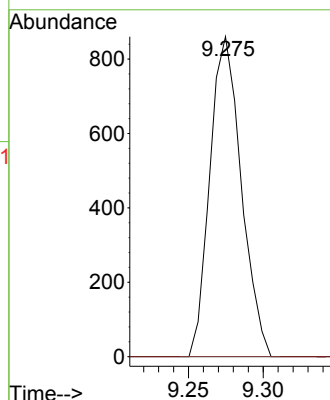
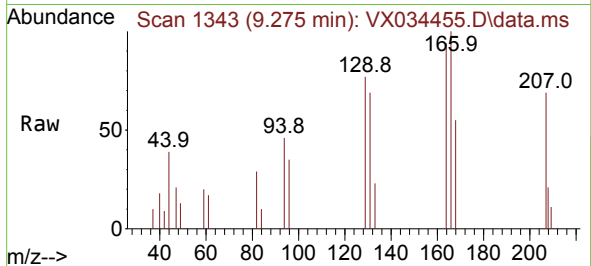




#60
Dibromochloromethane
Concen: 0.349 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

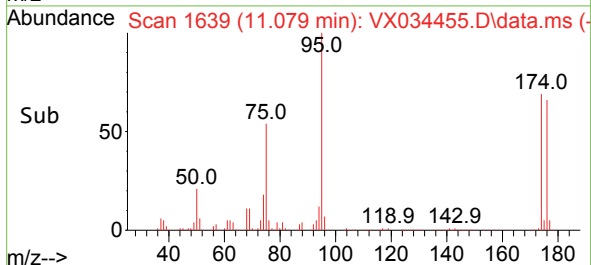
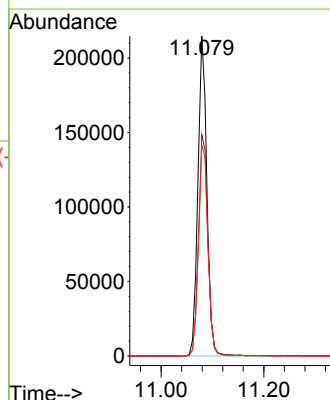
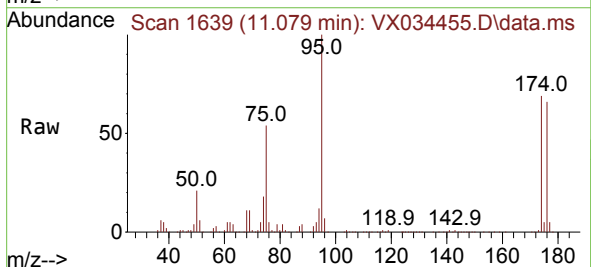
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

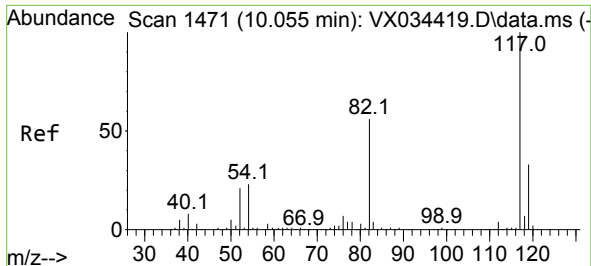
Tgt Ion:129 Resp: 1256
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 55.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion: 95 Resp: 260064
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.2 0.0 140.6

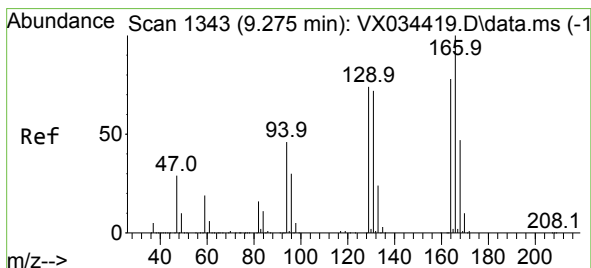
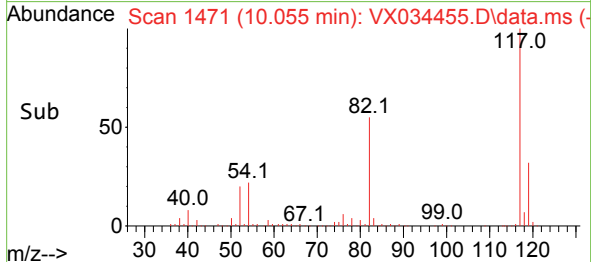
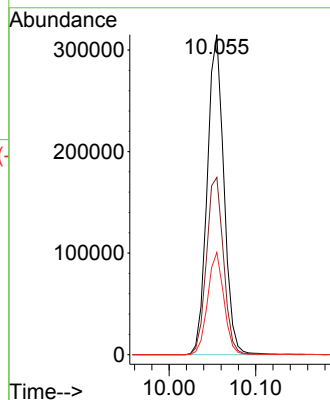
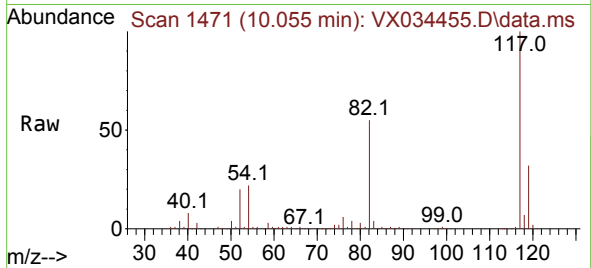




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

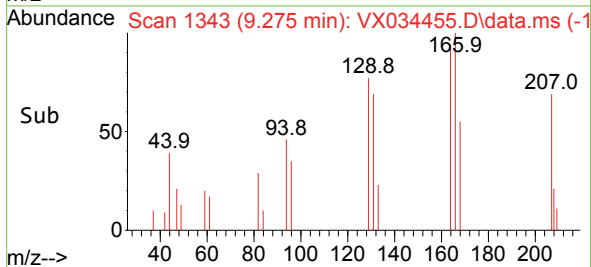
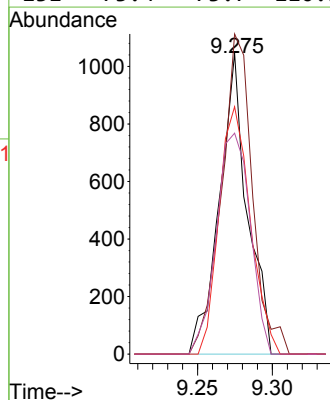
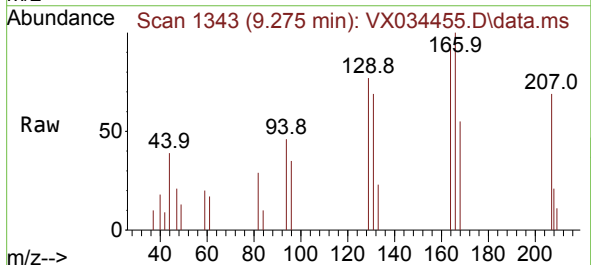
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

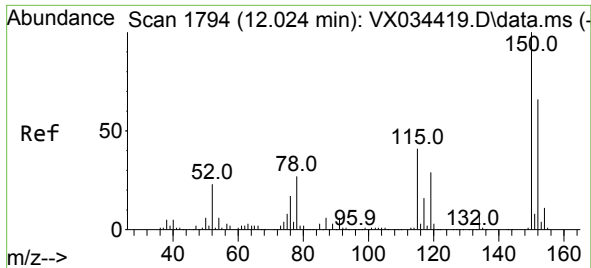
Tgt Ion:117 Resp: 420820
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 0.479 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion:164 Resp: 1355
Ion Ratio Lower Upper
164 100
166 106.4 102.7 154.1
129 82.2 75.6 113.4
131 73.4 73.7 110.5#

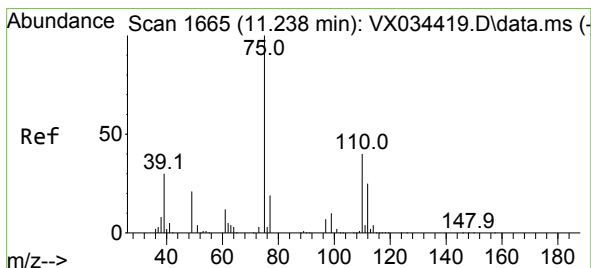
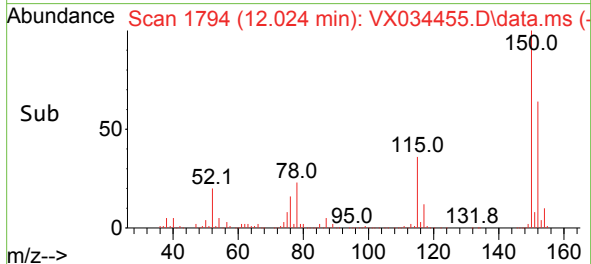
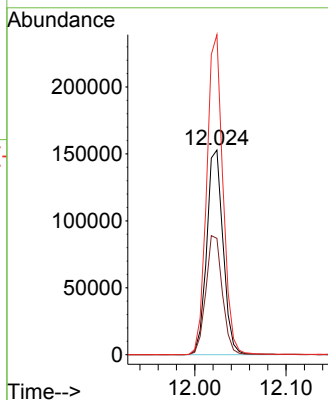
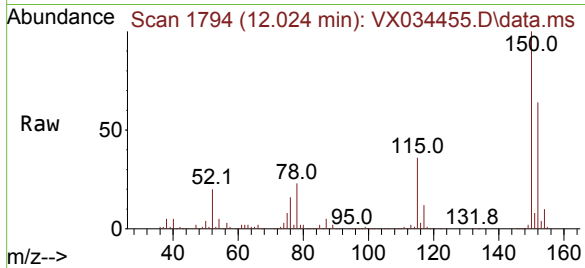




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

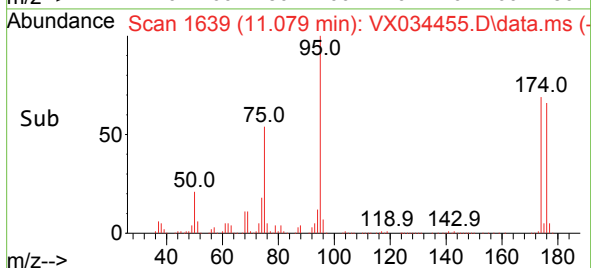
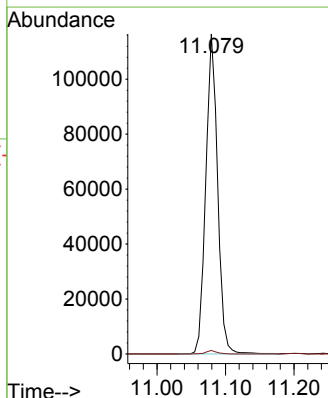
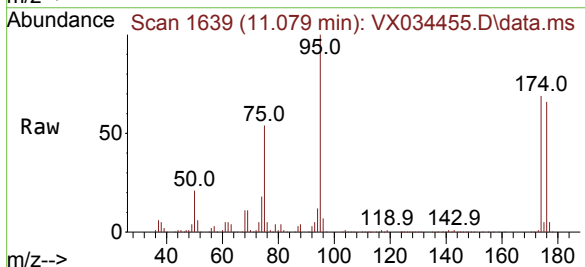
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20230308DL

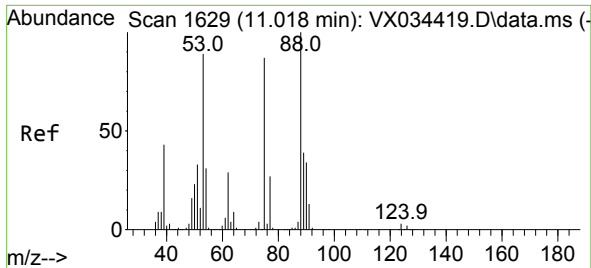
Tgt Ion:152 Resp: 190069
Ion Ratio Lower Upper
152 100
115 58.8 45.0 135.0
150 154.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 32.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034455.D
Acq: 14 Mar 2023 11:24

Tgt Ion: 75 Resp: 139910
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.728 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034455.D
 Acq: 14 Mar 2023 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20230308DL

Tgt Ion: 75 Resp: 139910
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

