

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024411.D
 Acq On : 22 Sep 2021 02:14
 Operator : JC/MD
 Sample : M3833-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20210918

Quant Time: Oct 01 04:12:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

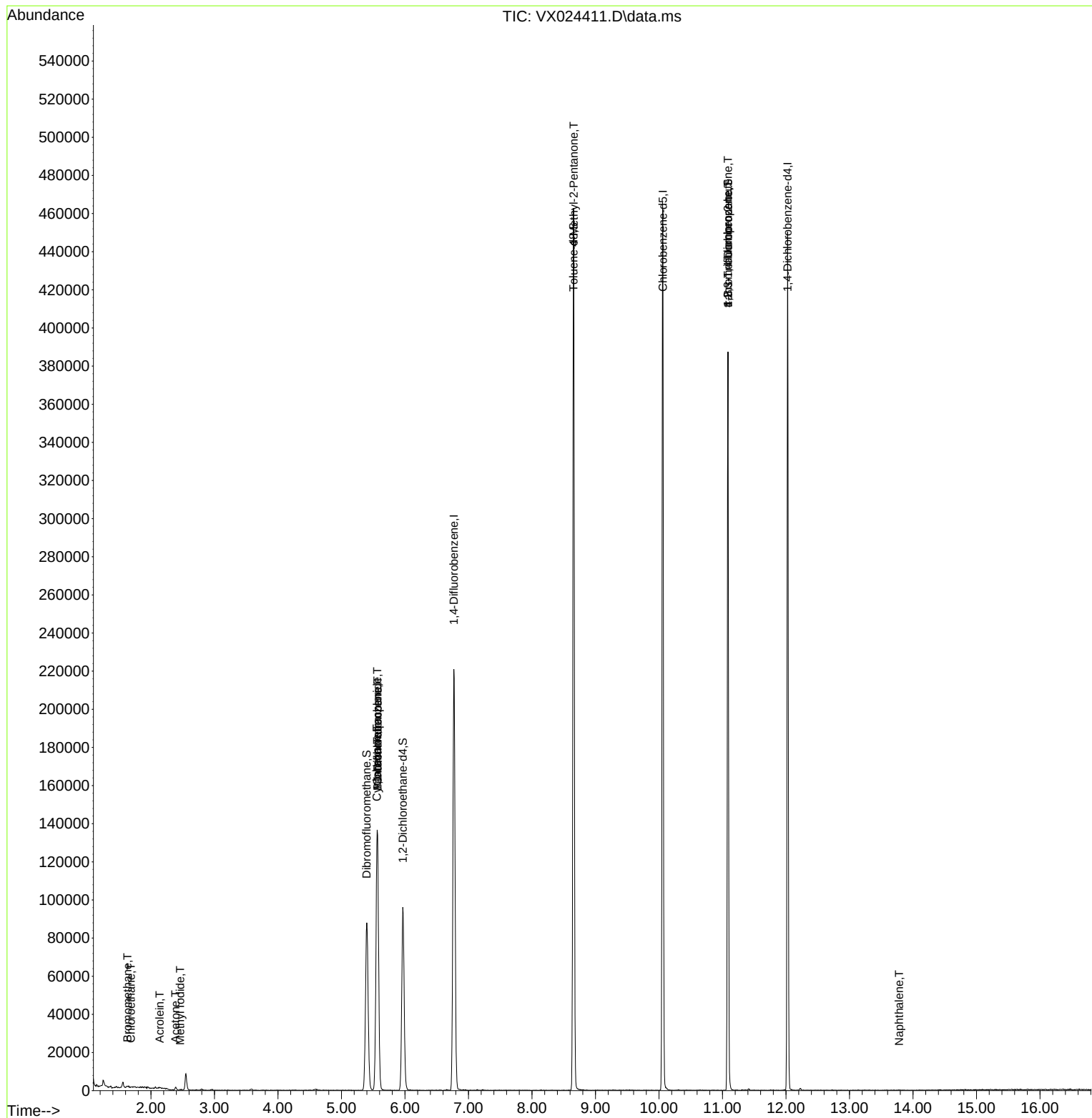
Internal Standards						
1) Pentafluorobenzene	5.568	168	128782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	210285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96009	52.281	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.560%	
35) Dibromofluoromethane	5.397	113	74026	50.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	266139	49.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	11.085	95	96734	46.324	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	412	0.538	ug/l #	61
6) Chloroethane	1.685	64	315	0.371	ug/l #	43
10) Methyl Iodide	2.459	142	459	0.262	ug/l #	82
11) Tert butyl alcohol	2.965	59	124	Below Cal	#	73
13) Acrolein	2.136	56	38	0.314	ug/l #	14
16) Acetone	2.386	43	1722	2.199	ug/l #	87
31) Cyclohexane	5.556	56	2877	1.339	ug/l #	19
36) 1,1-Dichloropropene	5.568	75	10019	4.962	ug/l #	45
38) Carbon Tetrachloride	5.562	117	12981	5.712	ug/l #	15
51) 4-Methyl-2-Pentanone	8.659	43	1465	0.614	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53073	25.555	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53073	75.156	ug/l #	12
95) Naphthalene	13.780	128	80	1.299	ug/l #	69

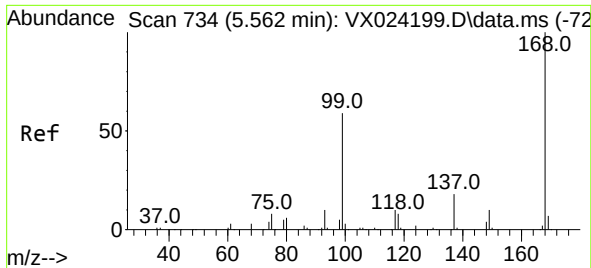
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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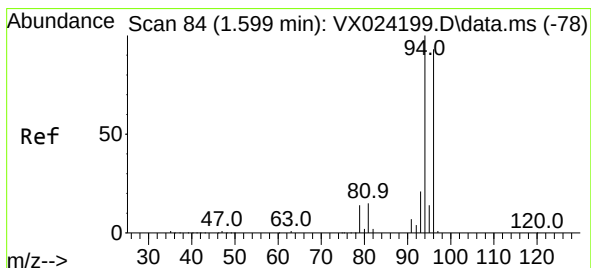
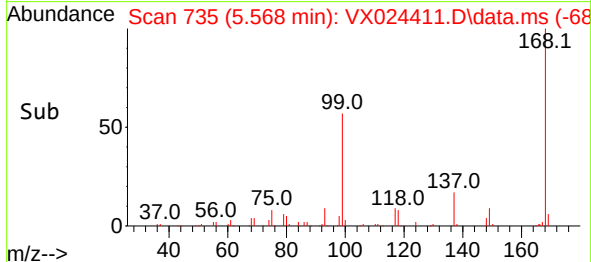
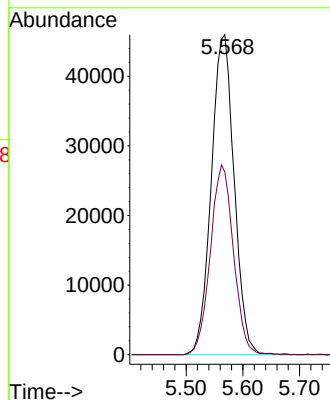
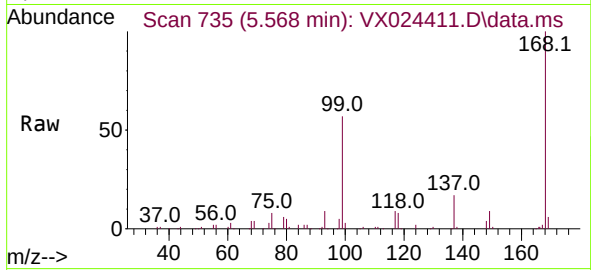




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

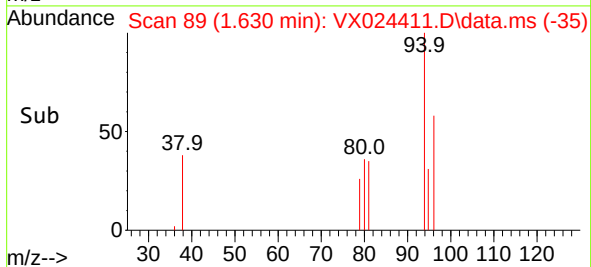
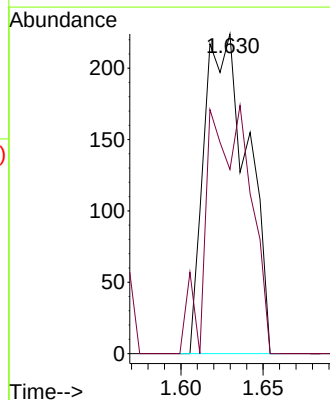
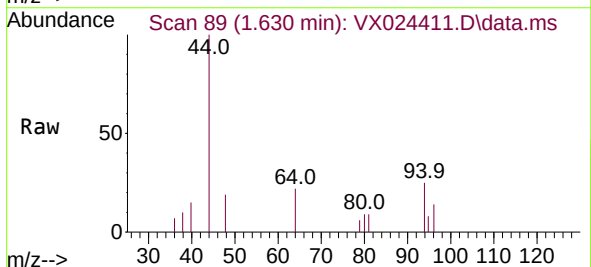
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

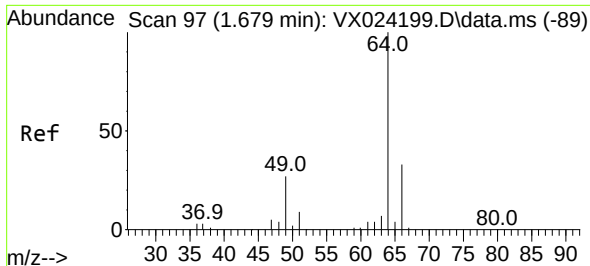
Tgt Ion:168 Resp: 128782
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.538 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 57.6 76.4 114.6#

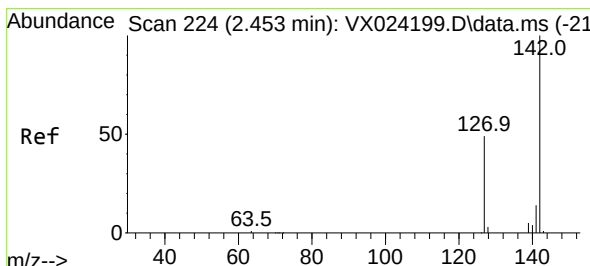
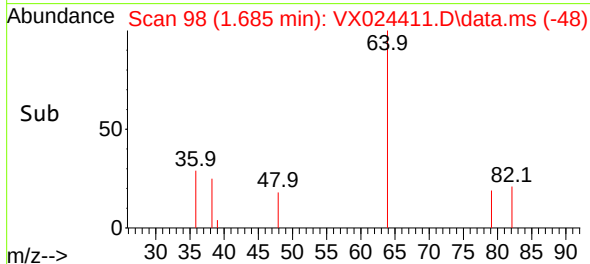
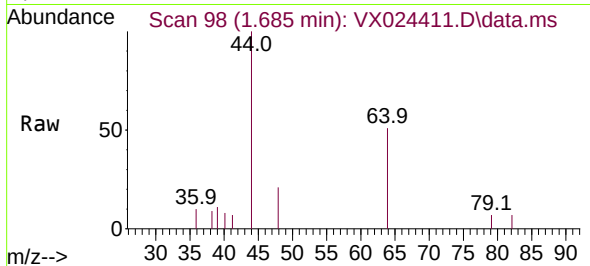




#6
Chloroethane
Concen: 0.371 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

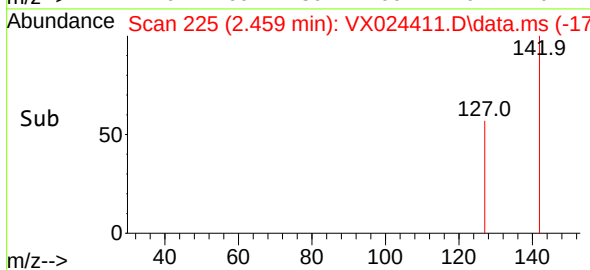
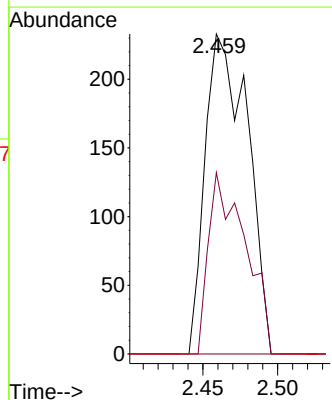
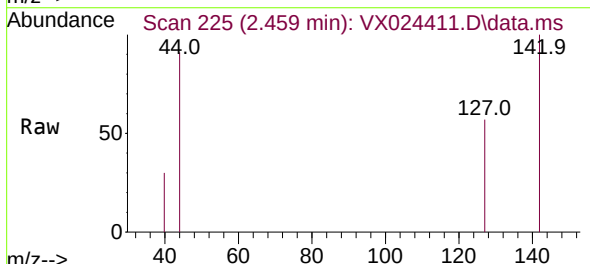
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

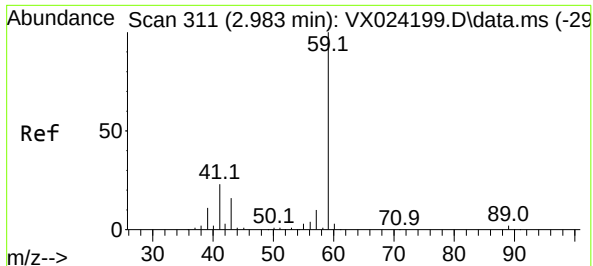
Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.262 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 142 Resp: 459
Ion Ratio Lower Upper
142 100
127 49.2 33.3 49.9
141 0.0 11.4 17.0#



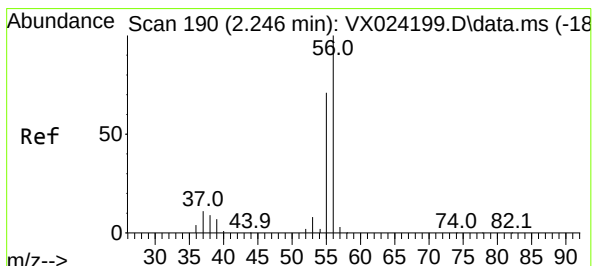
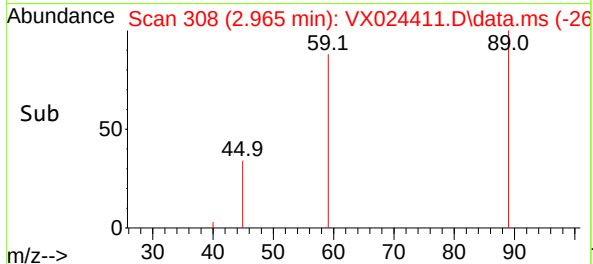
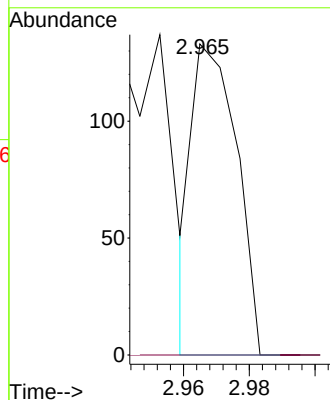
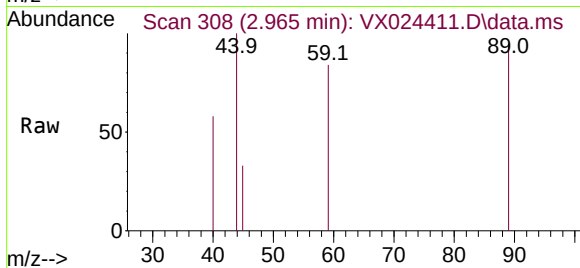


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

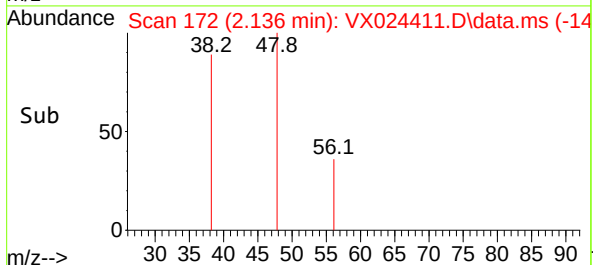
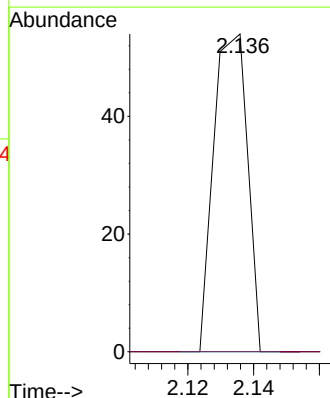
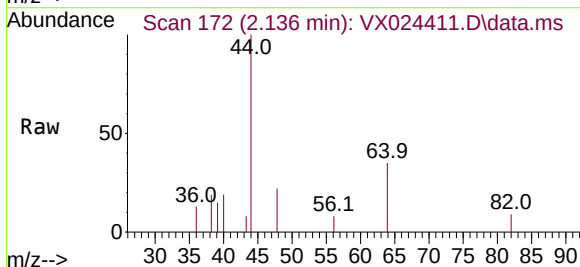
Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

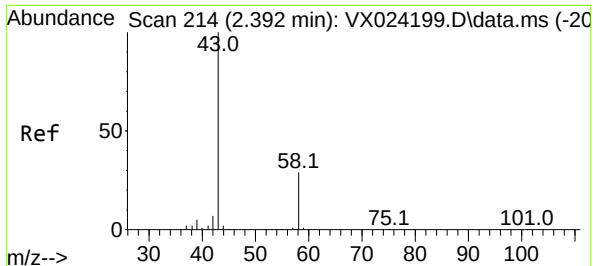


#13

Acrolein
Concen: 0.314 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.110 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

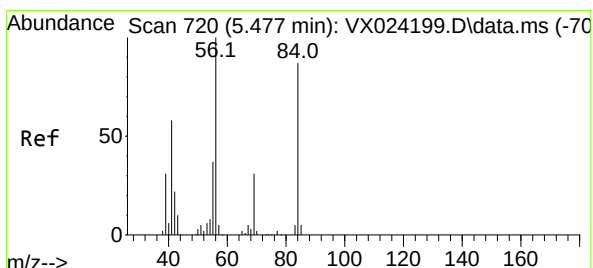
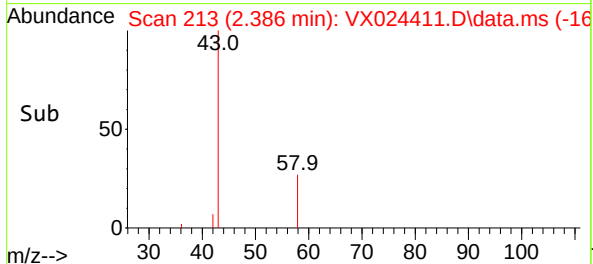
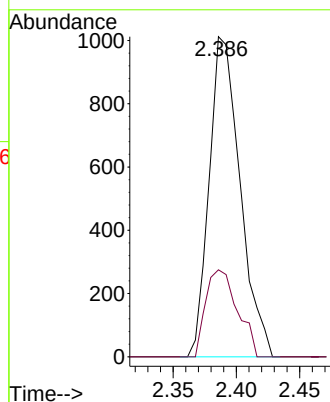
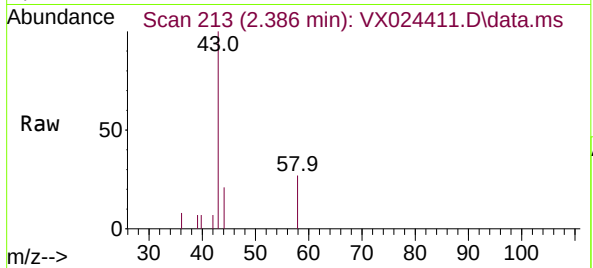




#16
Acetone
Concen: 2.199 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

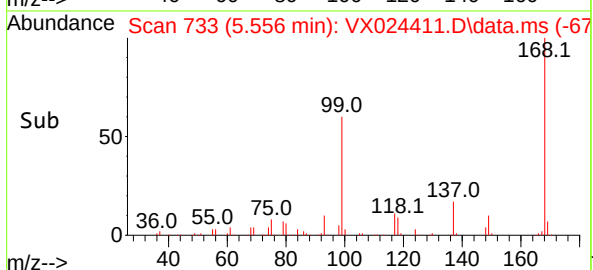
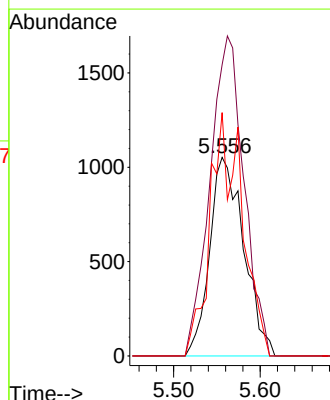
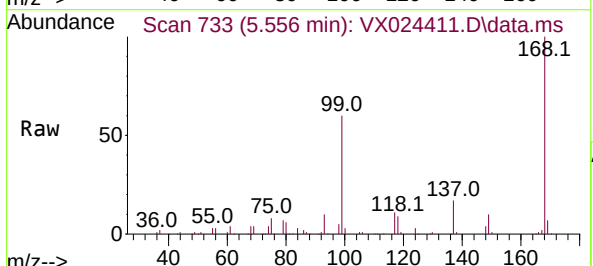
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

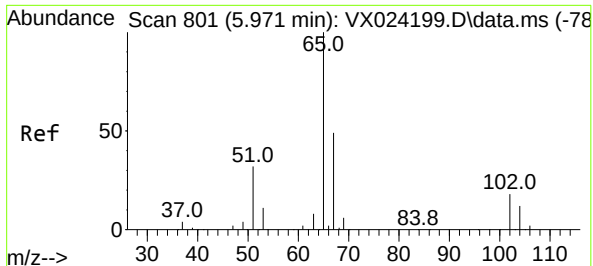
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#



#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 56 Resp: 2877
Ion Ratio Lower Upper
56 100
69 146.7 25.3 37.9#
84 122.6 71.4 107.0#



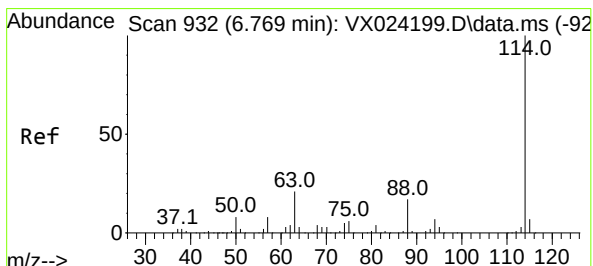
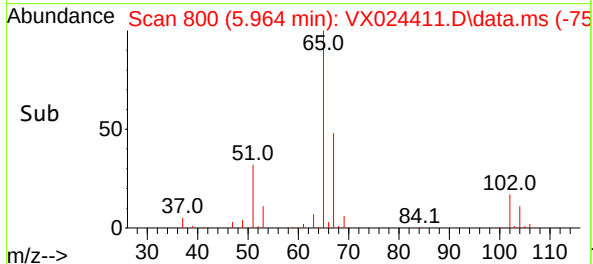
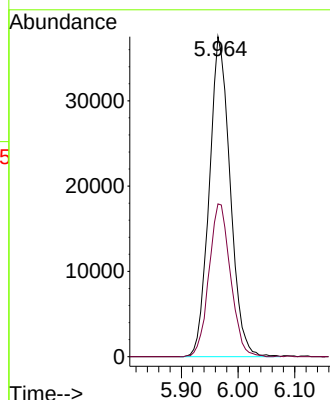
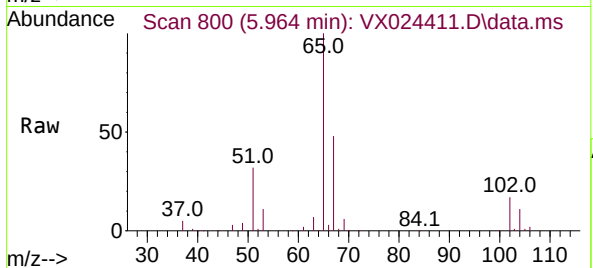


#33

1,2-Dichloroethane-d4
Concen: 52.281 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

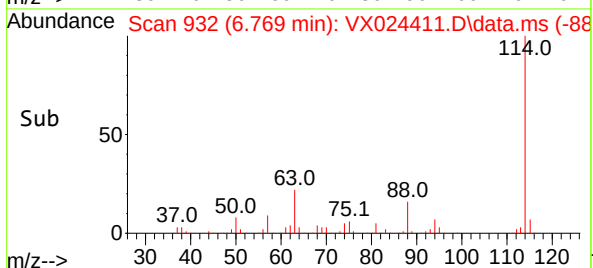
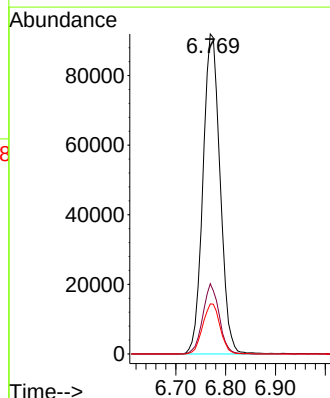
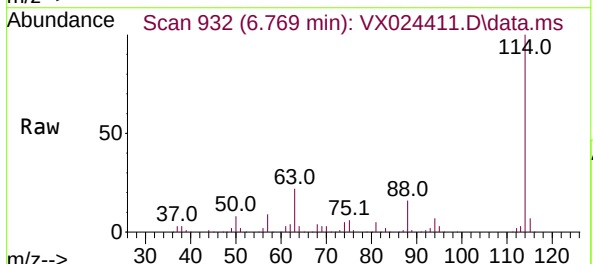
Tgt Ion: 65 Resp: 96009
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.4

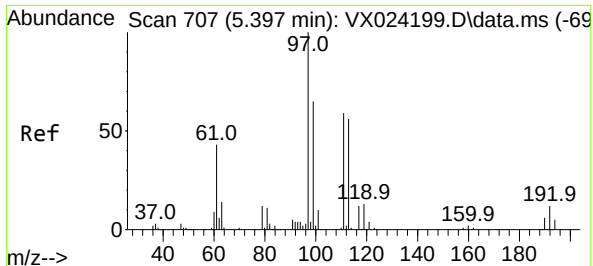


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 114 Resp: 219630
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.258 ug/l

RT: 5.397 min Scan# 707

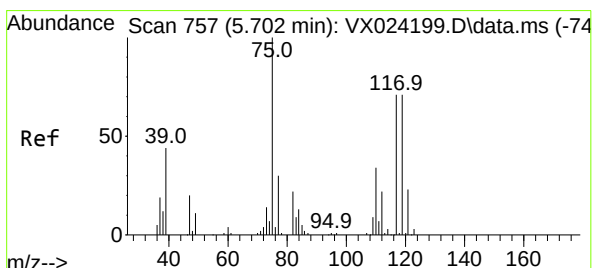
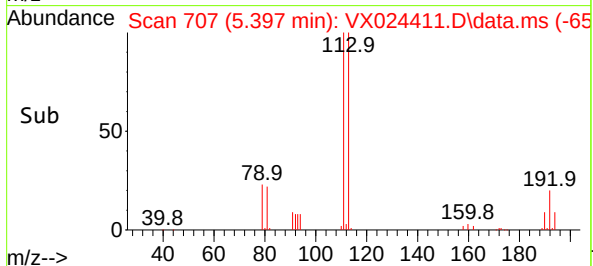
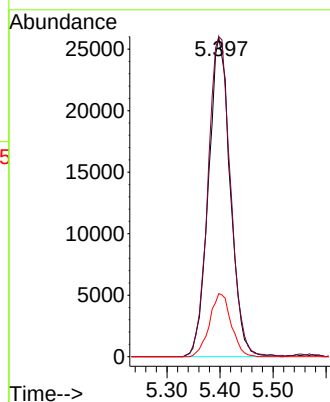
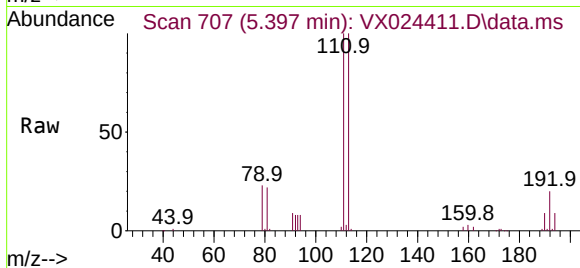
Delta R.T. 0.000 min

Lab File: VX024411.D

Acq: 22 Sep 2021 02:14

Tgt Ion:	113	Resp:	74026
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	19.6	16.7	25.1

Instrument :
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#36

1,1-Dichloropropene

Concen: 4.962 ug/l

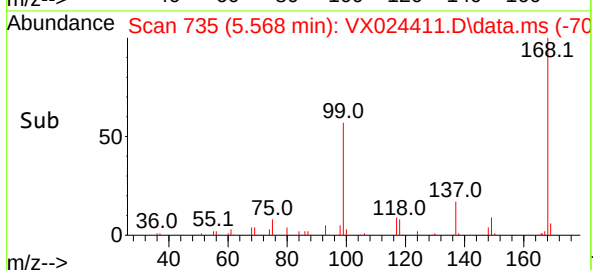
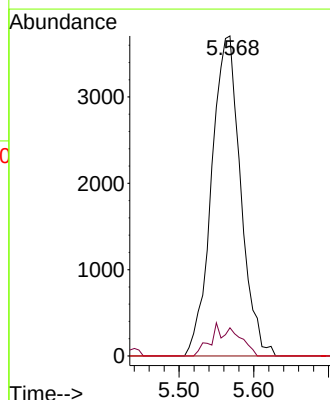
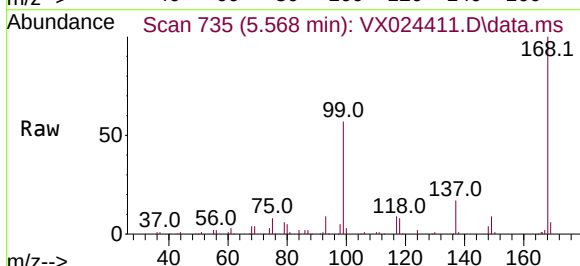
RT: 5.568 min Scan# 735

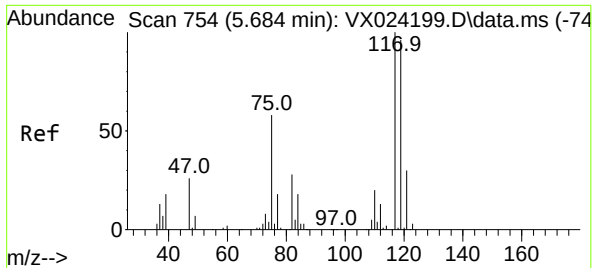
Delta R.T. -0.134 min

Lab File: VX024411.D

Acq: 22 Sep 2021 02:14

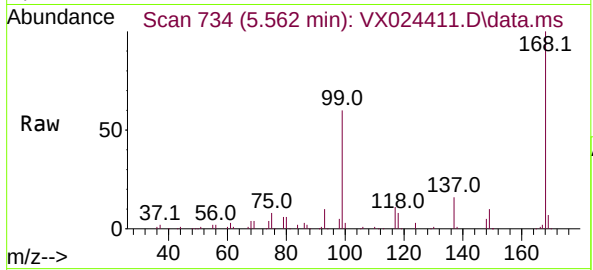
Tgt Ion:	75	Resp:	10019
Ion	Ratio	Lower	Upper
75	100		
110	4.8	18.1	54.4#
77	0.0	25.3	37.9#



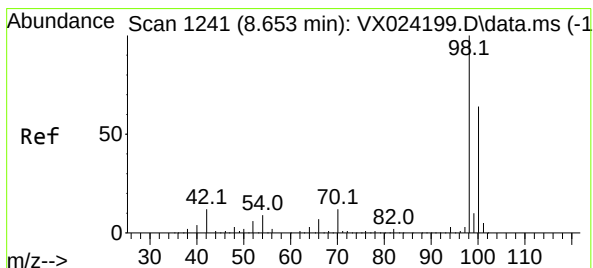
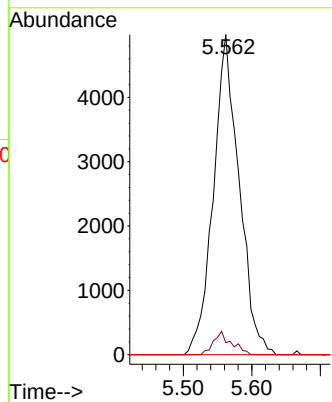
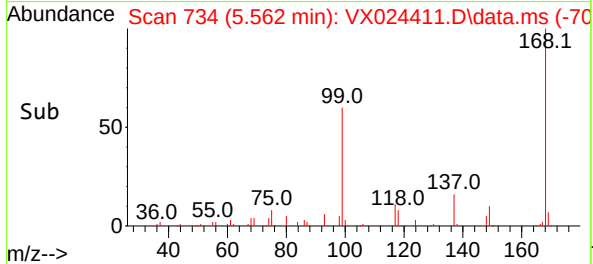


#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

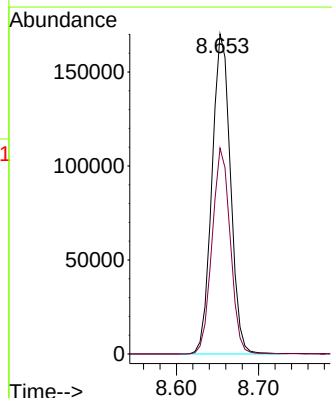
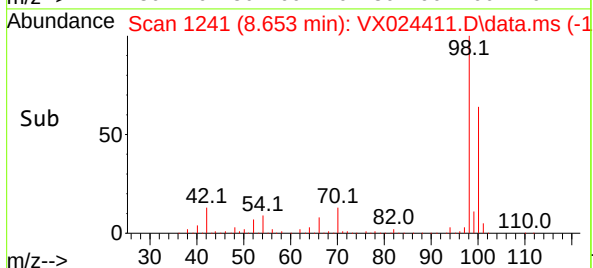
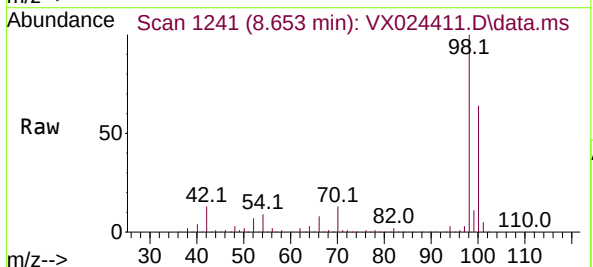


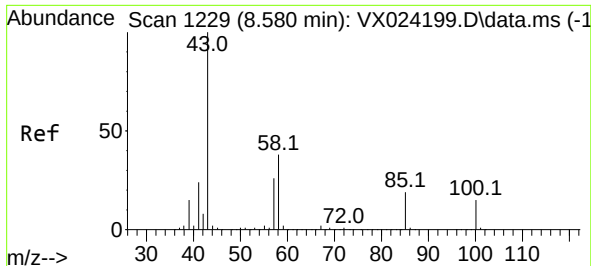
Tgt Ion:117 Resp: 12981
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 98 Resp: 266139
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

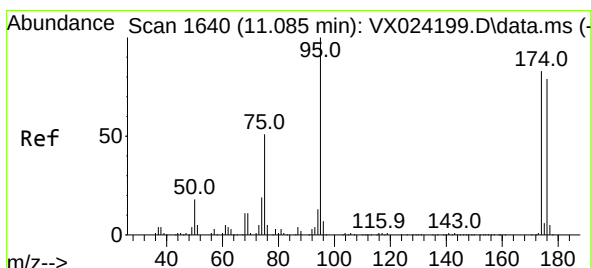
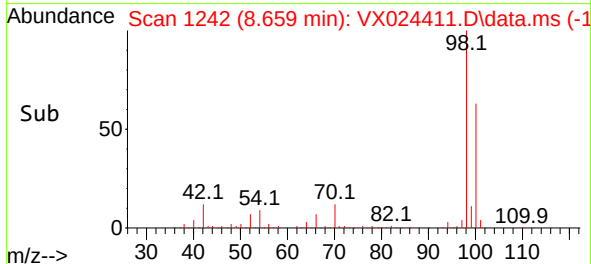
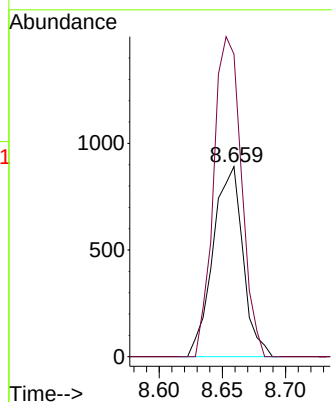
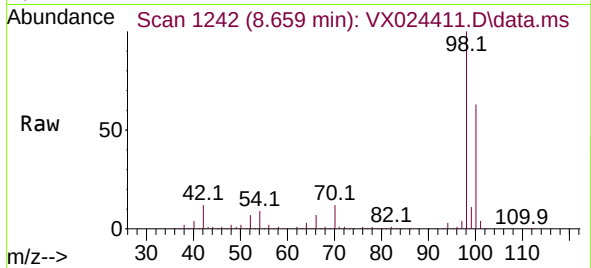




#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

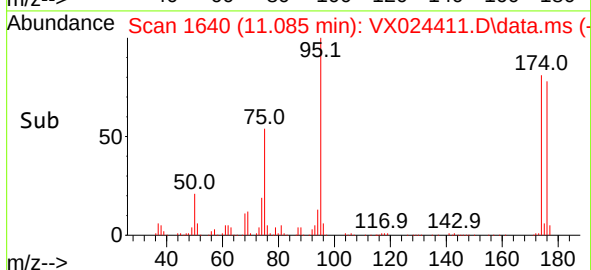
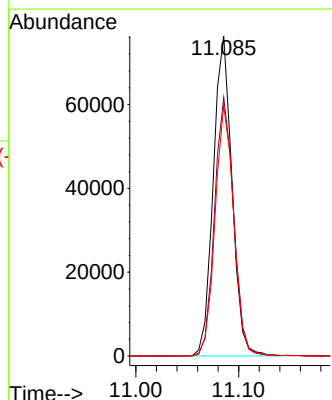
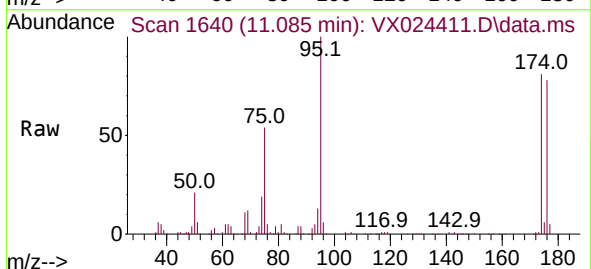
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

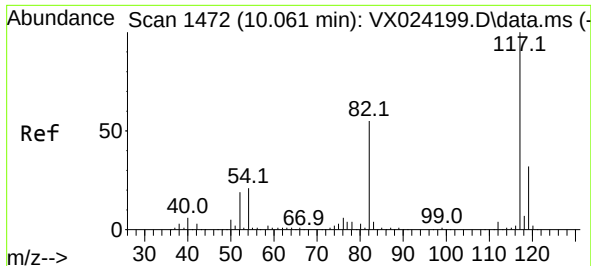
Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 156.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.324 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion: 95 Resp: 96734
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 78.2 0.0 155.8

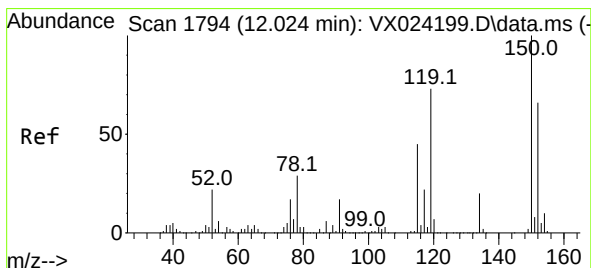
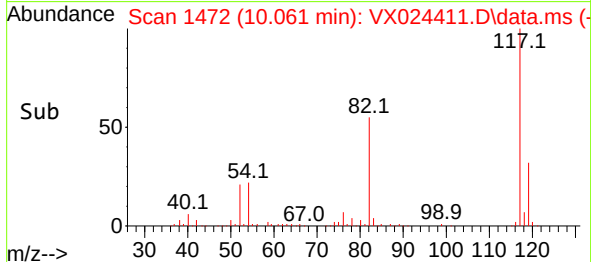
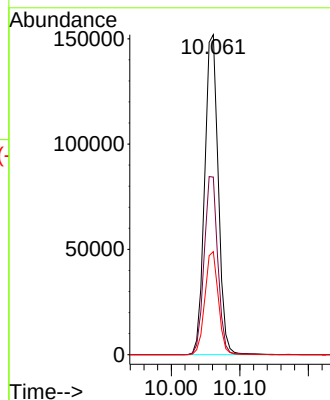
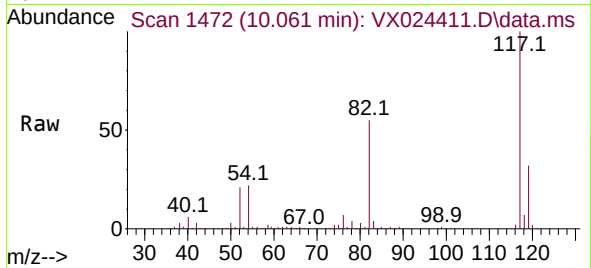




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

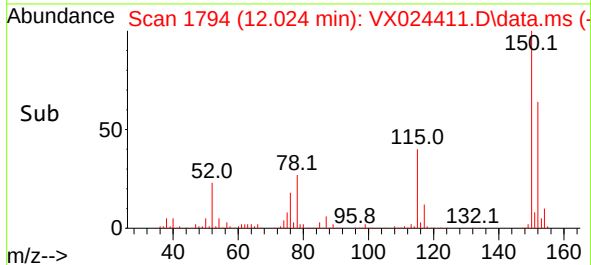
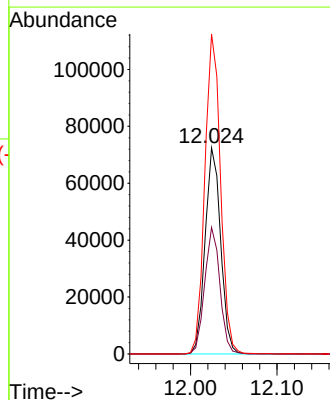
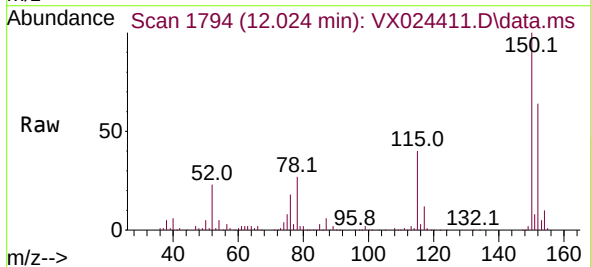
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

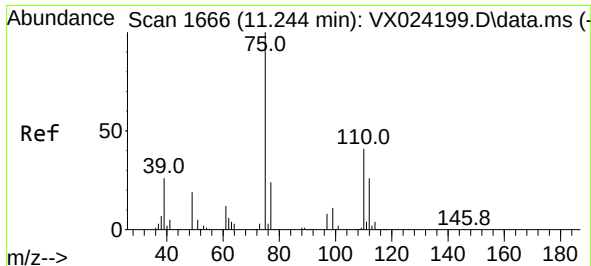
Tgt Ion:117 Resp: 210285
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Tgt Ion:152 Resp: 90321
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 156.5 0.0 349.0

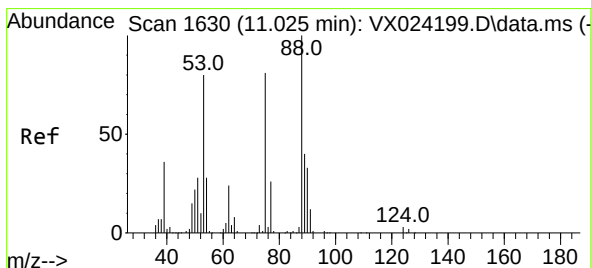
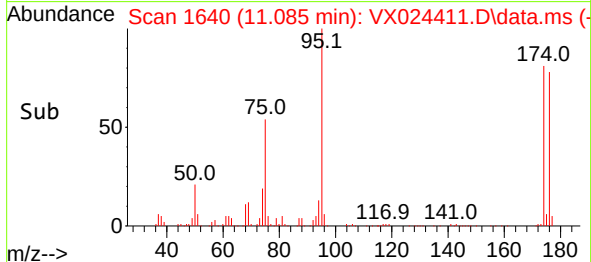
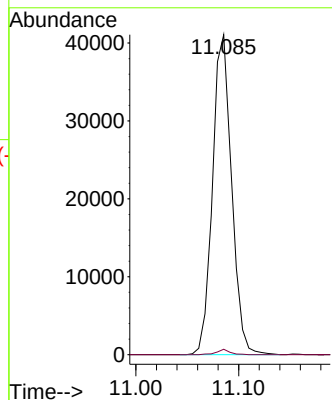
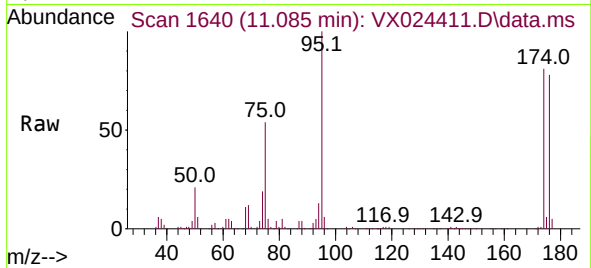




#76
1,2,3-Trichloropropane
Concen: 25.555 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

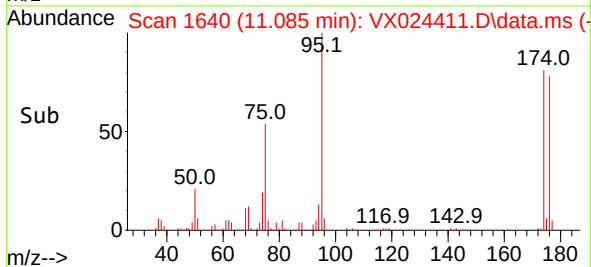
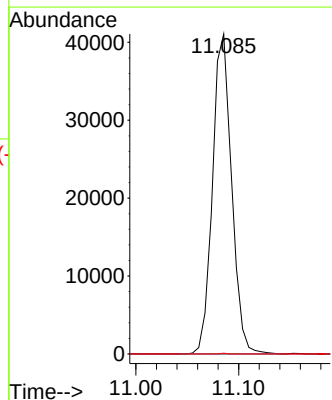
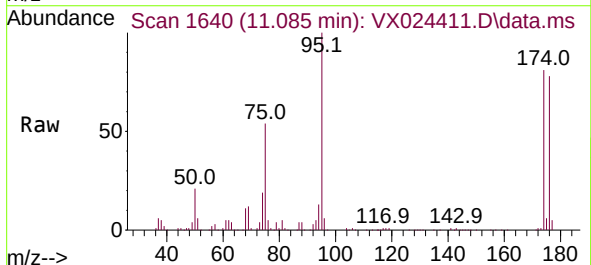
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918

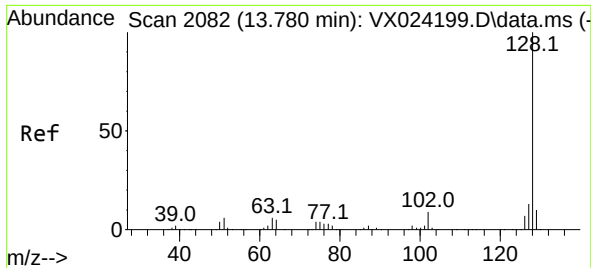
Tgt Ion: 75 Resp: 53073
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.156 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

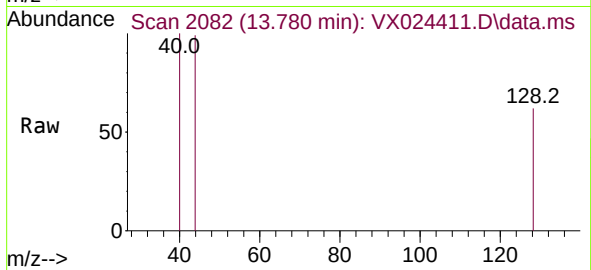
Tgt Ion: 75 Resp: 53073
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024411.D
Acq: 22 Sep 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210918



Tgt Ion:128 Resp: 80
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

