

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022802.D
 Acq On : 21 Jun 2021 18:10
 Operator : JC/MD
 Sample : M2783-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20210617

Quant Time: Jun 22 01:15:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

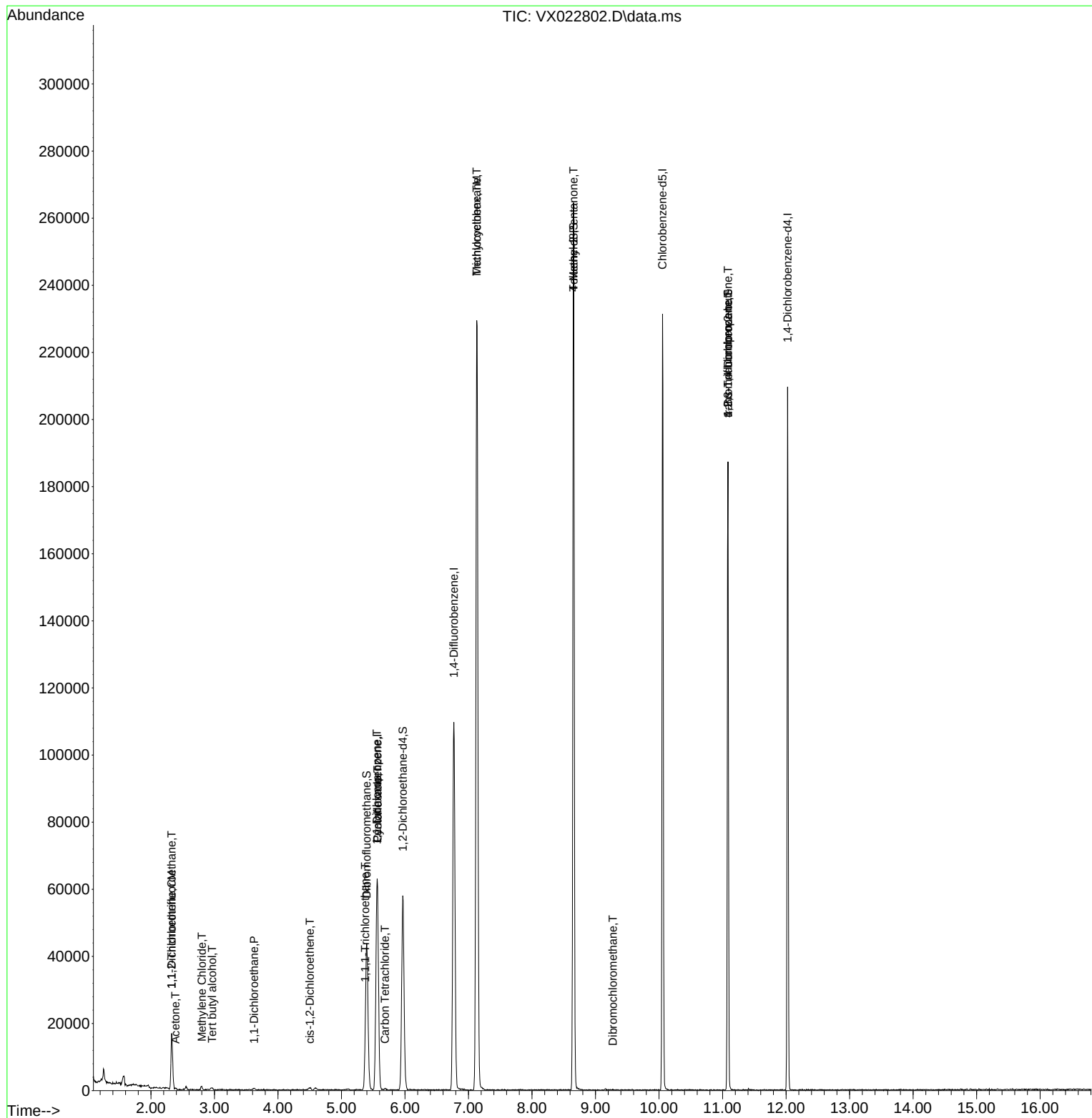
Internal Standards						
1) Pentafluorobenzene	5.568	168	53043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	106582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51900	54.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.800%	
35) Dibromofluoromethane	5.397	113	37113	54.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.160%	
50) Toluene-d8	8.653	98	145210	54.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	11.085	95	49813	49.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.260%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	4401	6.778	ug/l	89
11) Tert butyl alcohol	2.965	59	303	1.372	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	2355	3.657	ug/l	96
16) Acetone	2.386	43	409	0.957	ug/l #	40
20) Methylene Chloride	2.800	84	493	0.322	ug/l #	93
24) 1,1-Dichloroethane	3.623	63	547	0.383	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	278	0.320	ug/l	71
31) Cyclohexane	5.568	56	1425	1.238	ug/l #	2
32) 1,1,1-Trichloroethane	5.373	97	68	0.962	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	5440	5.123	ug/l #	47
38) Carbon Tetrachloride	5.684	117	314	0.346	ug/l #	51
39) Methylcyclohexane	7.129	83	1025	0.925	ug/l #	1
44) Trichloroethene	7.129	130	79812	107.610	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	818	0.605	ug/l #	1
60) Dibromochloromethane	9.275	129	21	3.193	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	27648	28.739	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27648	71.465	ug/l #	12

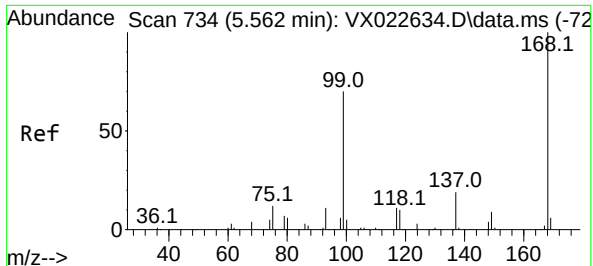
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

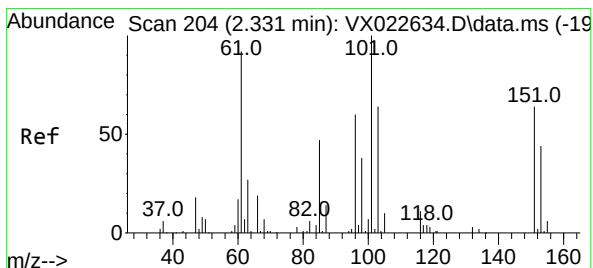
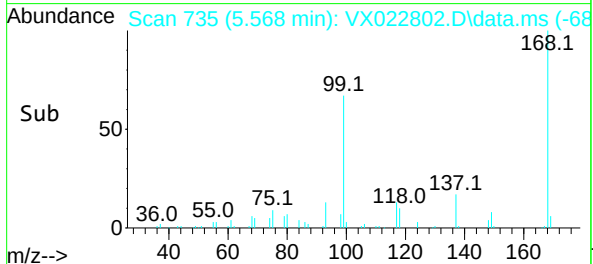
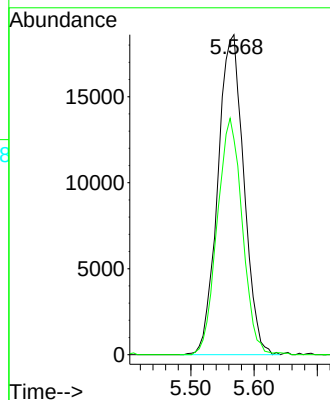
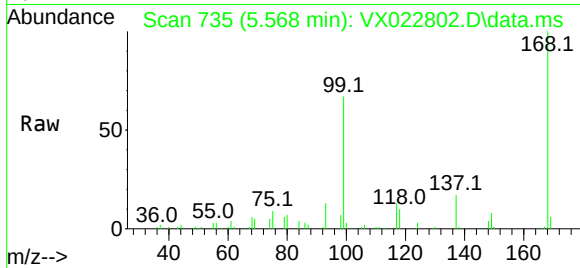




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

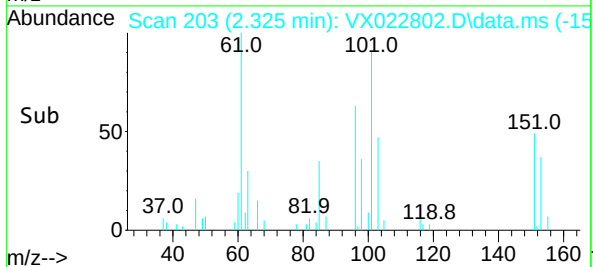
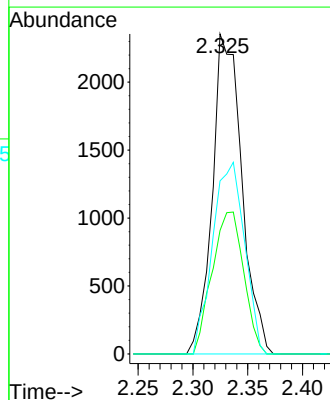
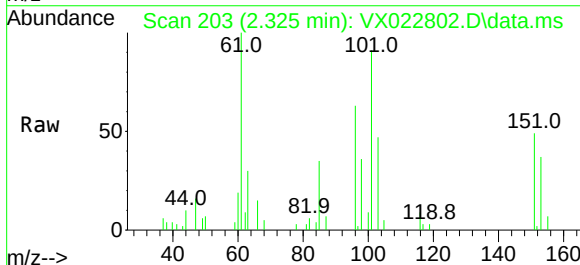
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

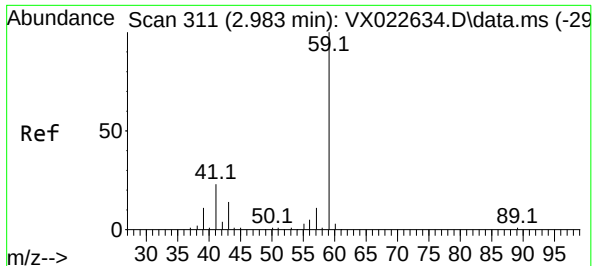
Tgt Ion:168 Resp: 53043
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.778 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

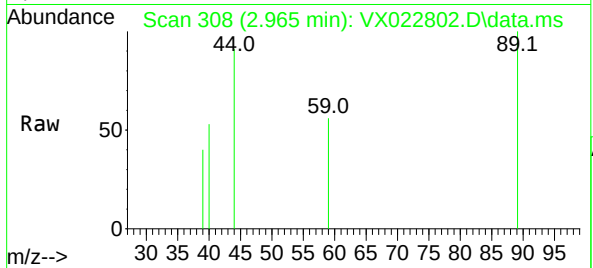
Tgt Ion:101 Resp: 4401
Ion Ratio Lower Upper
101 100
85 47.6 34.9 52.3
151 64.9 61.4 92.2



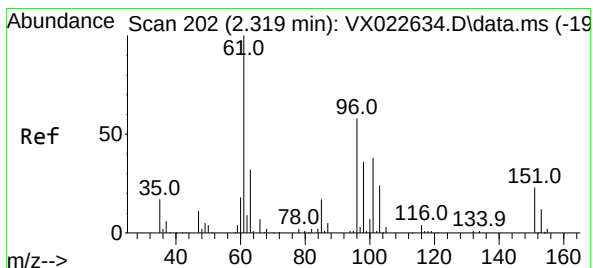
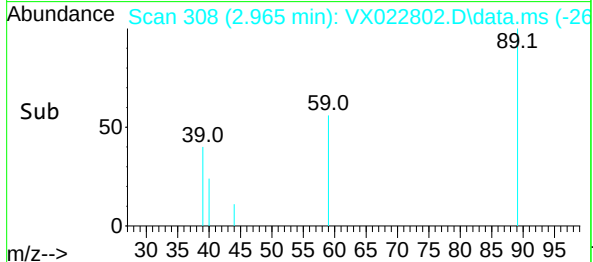
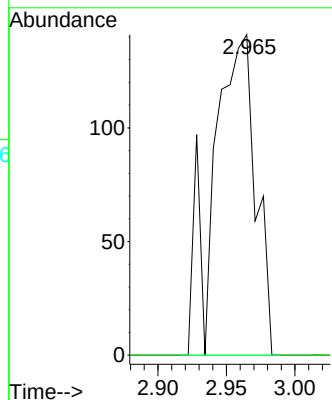


#11
Tert butyl alcohol
Concen: 1.372 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

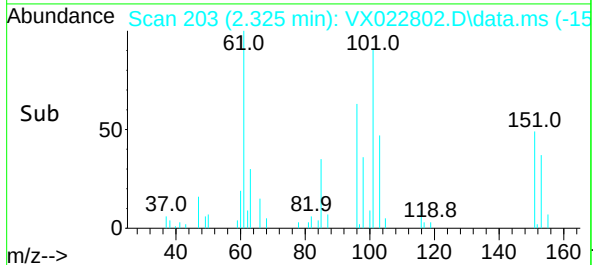
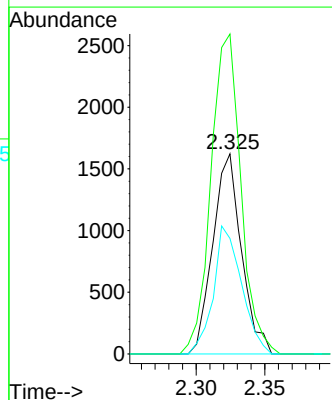
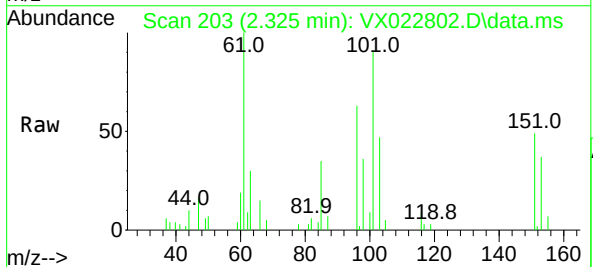


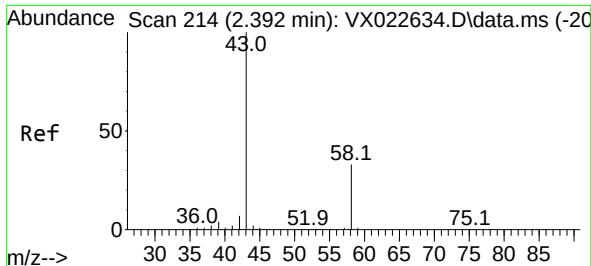
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 3.657 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Tgt Ion: 96 Resp: 2355
Ion Ratio Lower Upper
96 100
61 159.8 124.6 187.0
98 57.7 50.6 76.0

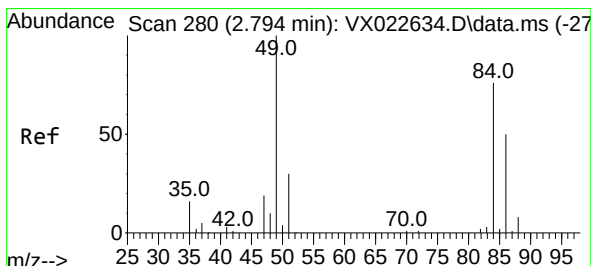
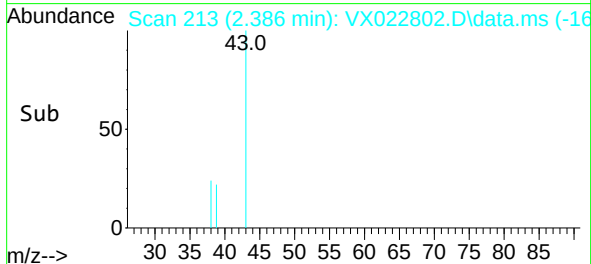
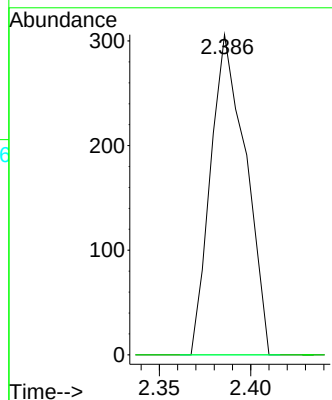
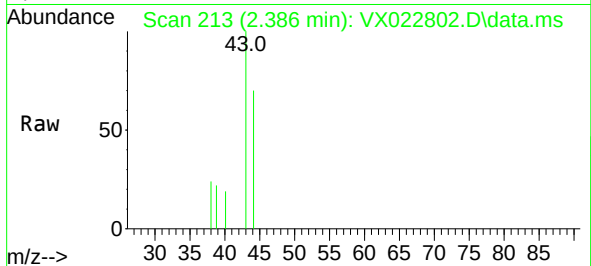




#16
Acetone
Concen: 0.957 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

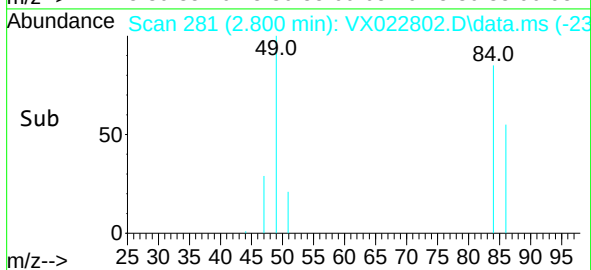
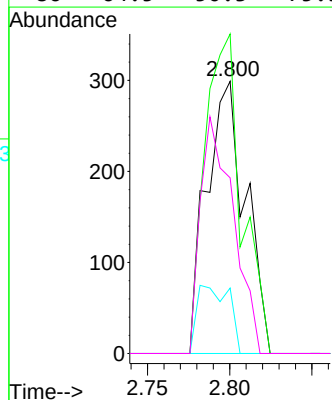
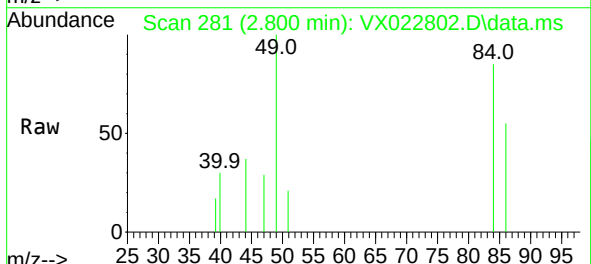
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

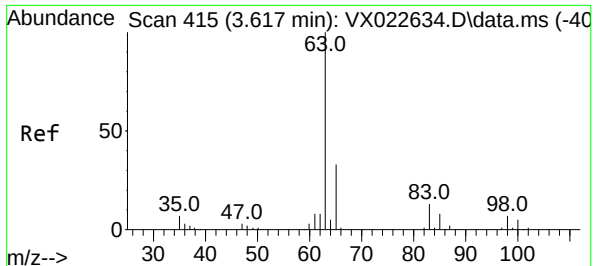
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Tgt Ion: 84 Resp: 493
Ion Ratio Lower Upper
84 100
49 117.4 88.6 132.8
51 24.1 27.0 40.6#
86 64.5 50.3 75.5

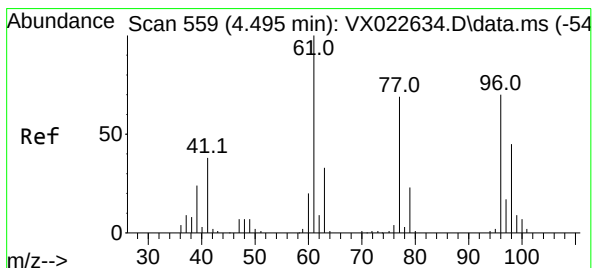
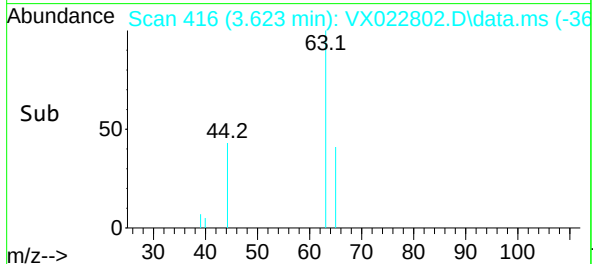
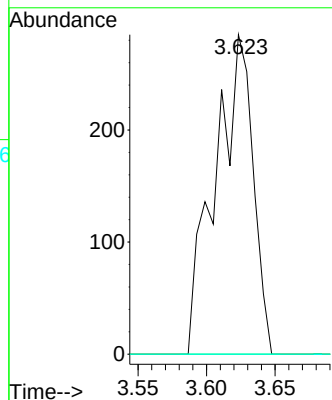
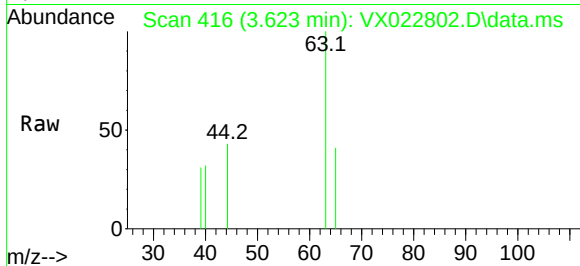




#24
1,1-Dichloroethane
Concen: 0.383 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

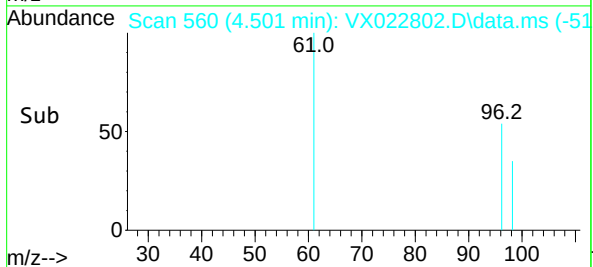
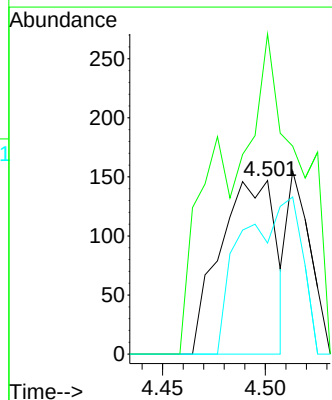
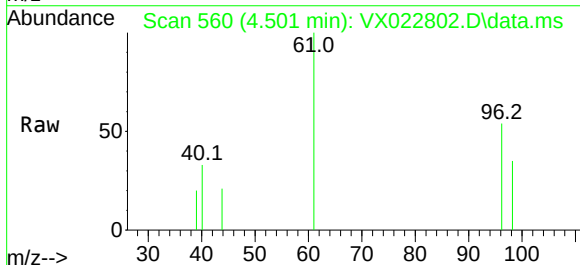
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

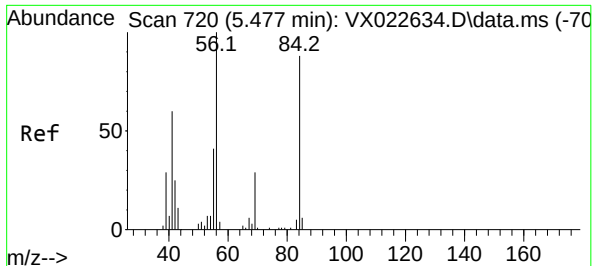
Tgt Ion: 63 Resp: 547
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.320 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

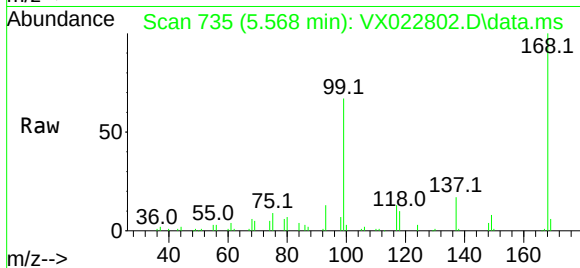
Tgt Ion: 96 Resp: 278
Ion Ratio Lower Upper
96 100
61 171.9 0.0 285.6
98 95.7 0.0 129.6



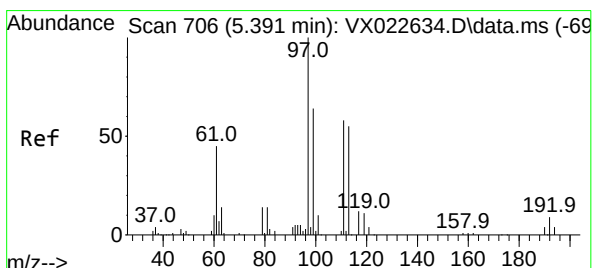
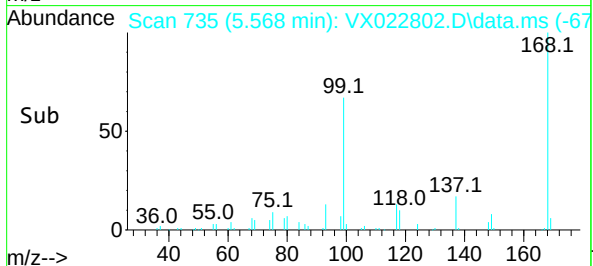
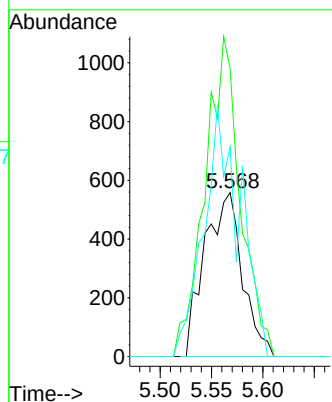


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

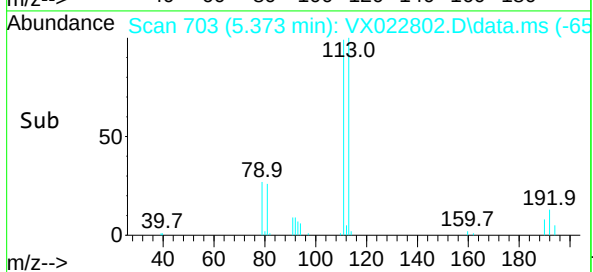
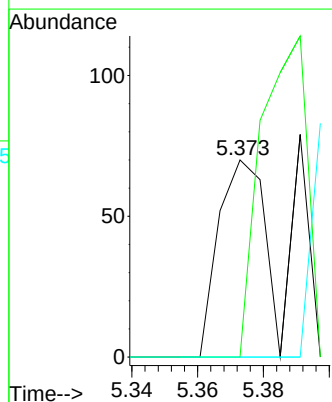
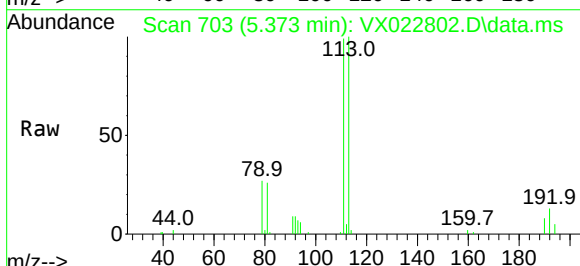


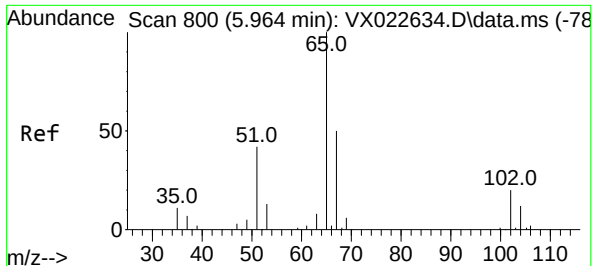
Tgt Ion: 56 Resp: 1425
Ion Ratio Lower Upper
56 100
69 175.6 25.3 37.9#
84 127.8 71.4 107.0#



#32
1,1,1-Trichloroethane
Concen: 0.962 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.018 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Tgt Ion: 97 Resp: 68
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#





#33

1,2-Dichloroethane-d4

Concen: 54.405 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022802.D

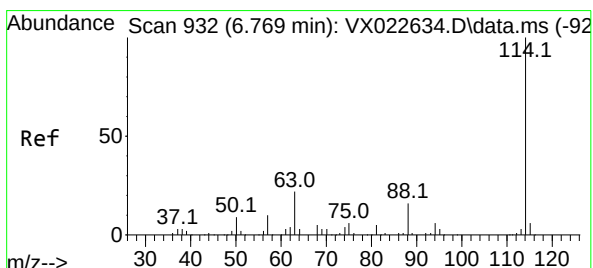
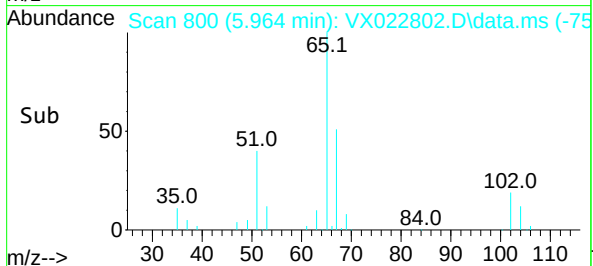
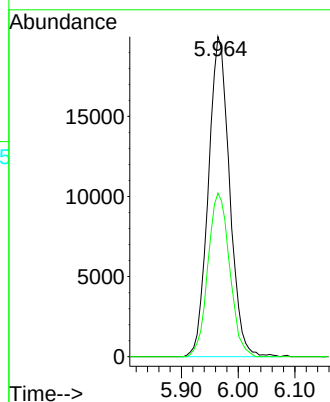
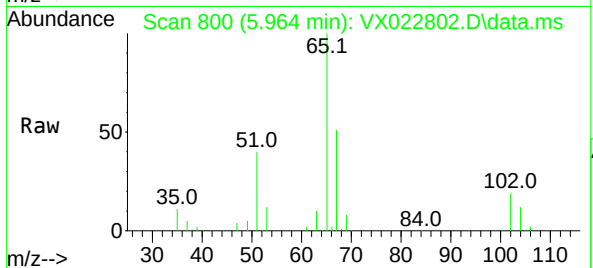
Acq: 21 Jun 2021 18:10

Tgt Ion: 65 Resp: 51900

Ion Ratio Lower Upper

65 100

67 52.2 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: VX022802.D

Acq: 21 Jun 2021 18:10

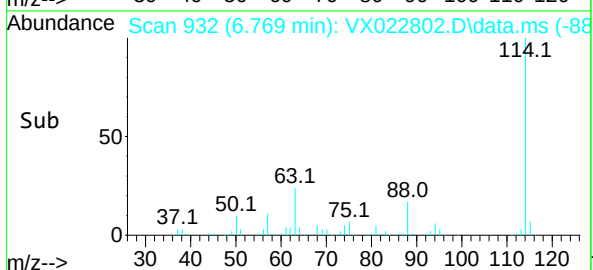
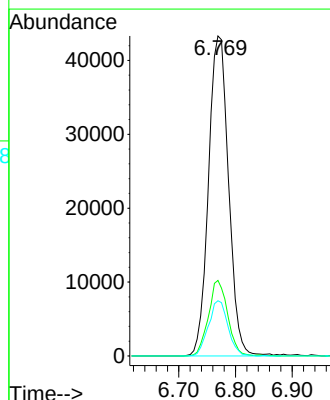
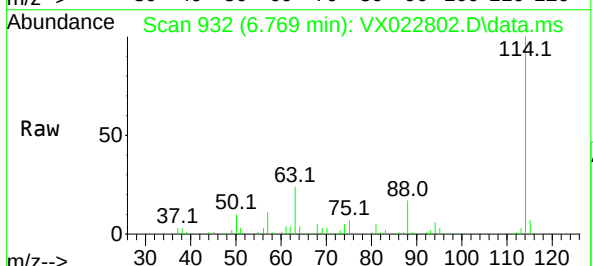
Tgt Ion: 114 Resp: 106582

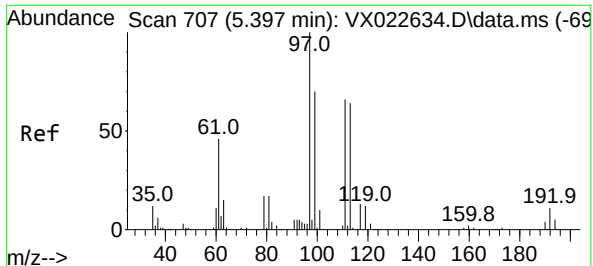
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.577 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022802.D

Acq: 21 Jun 2021 18:10

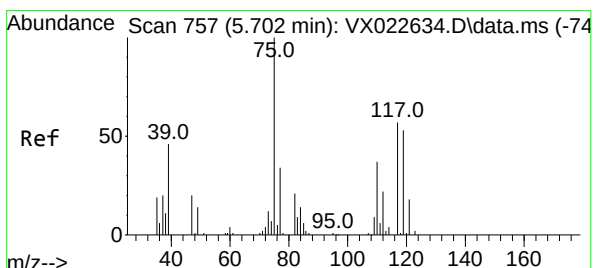
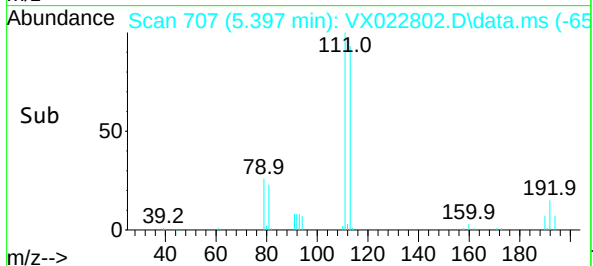
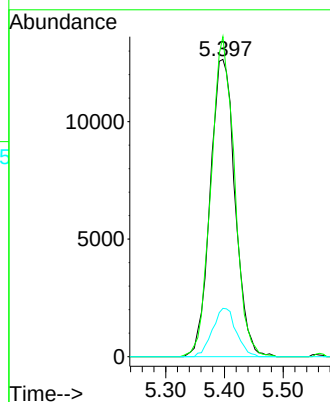
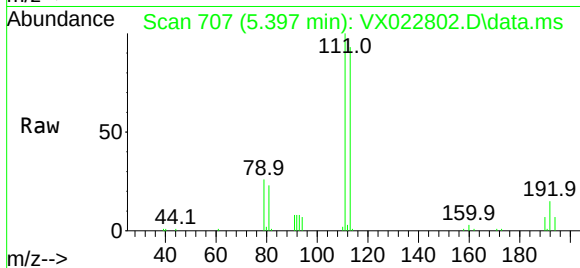
Tgt Ion:113 Resp: 37113

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 15.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.123 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022802.D

Acq: 21 Jun 2021 18:10

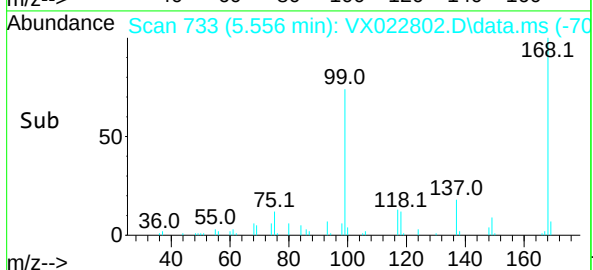
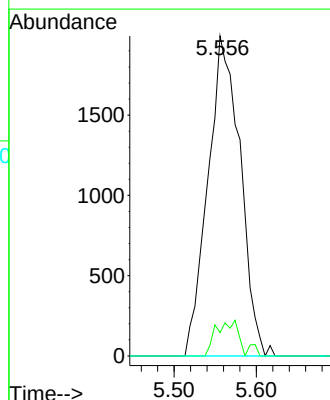
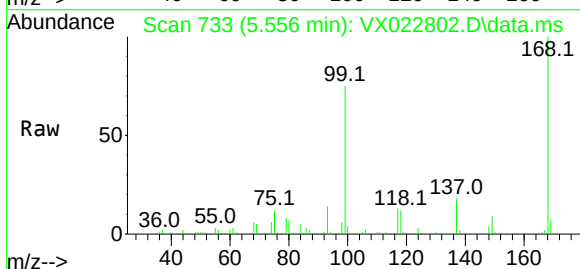
Tgt Ion: 75 Resp: 5440

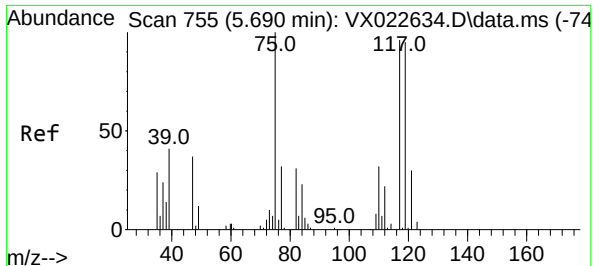
Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.4#

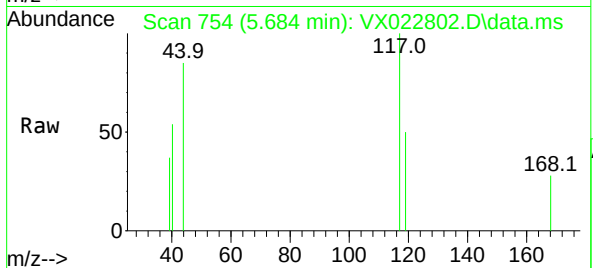
77 0.0 25.3 37.9#



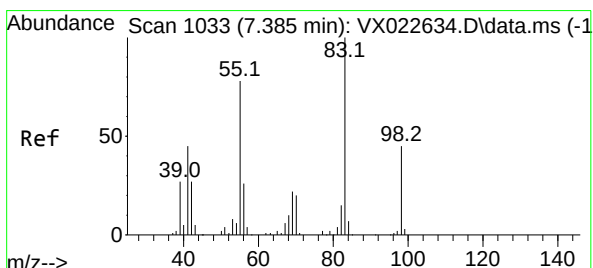
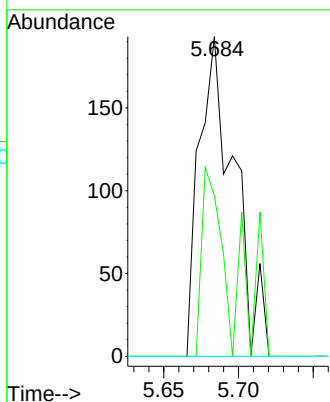
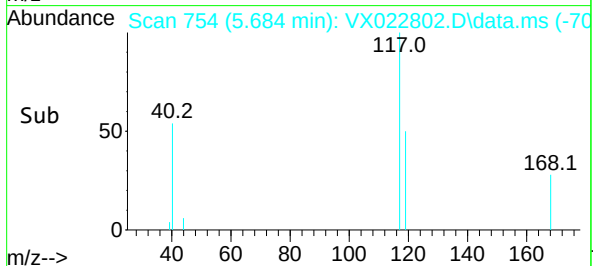


#38
Carbon Tetrachloride
Concen: 0.346 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

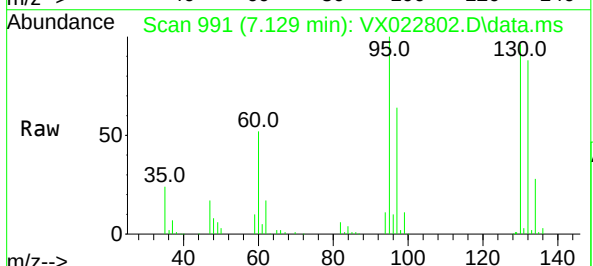
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617



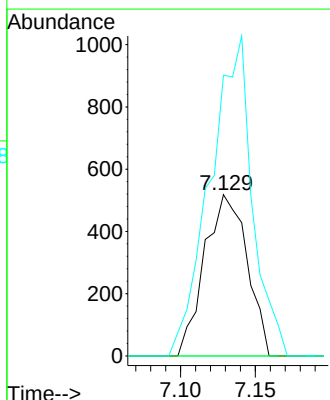
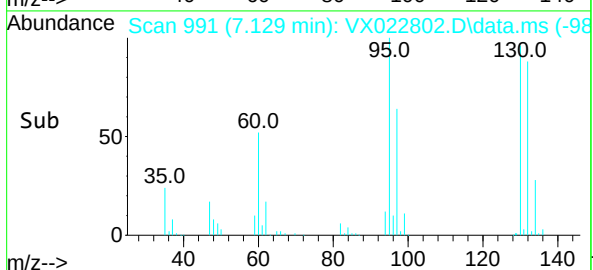
Tgt Ion:117 Resp: 314
Ion Ratio Lower Upper
117 100
119 50.3 76.2 114.2#
121 0.0 24.8 37.2#

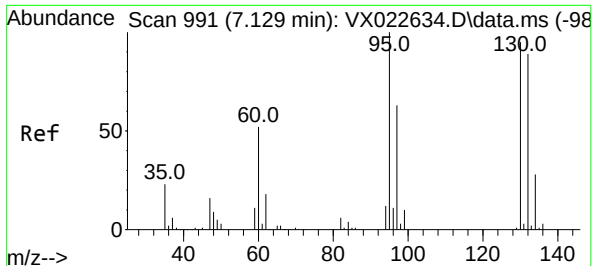


#39
Methylcyclohexane
Concen: 0.925 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10



Tgt Ion: 83 Resp: 1025
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 159.7 38.1 57.1#

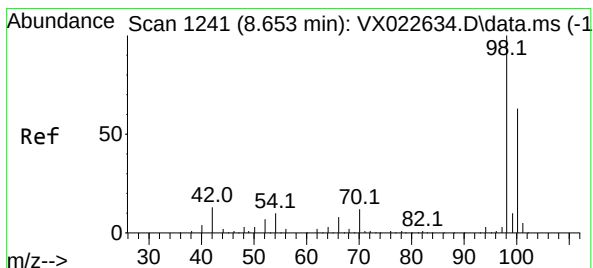
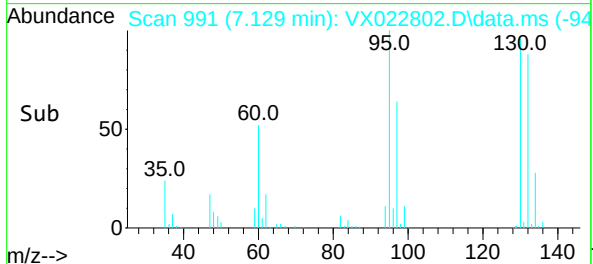
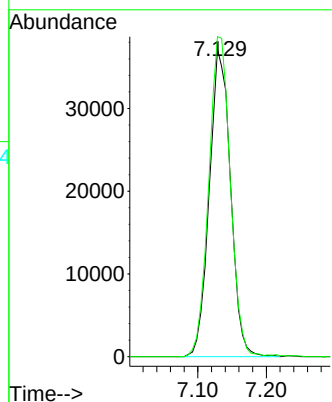
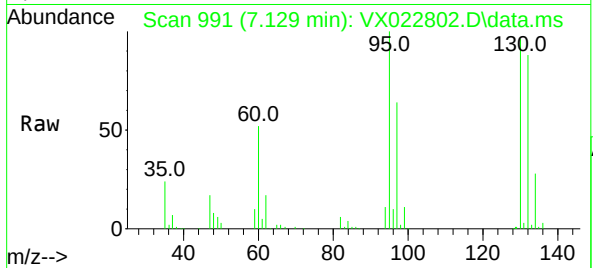




#44
Trichloroethene
Concen: 107.610 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

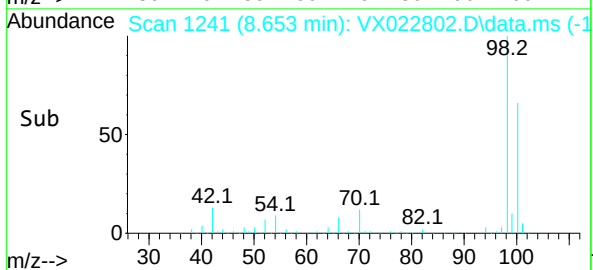
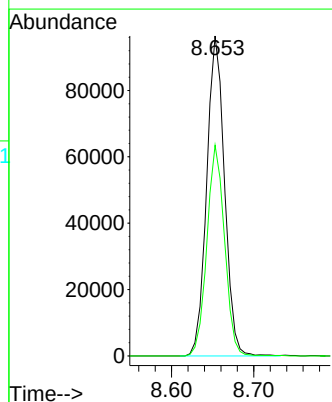
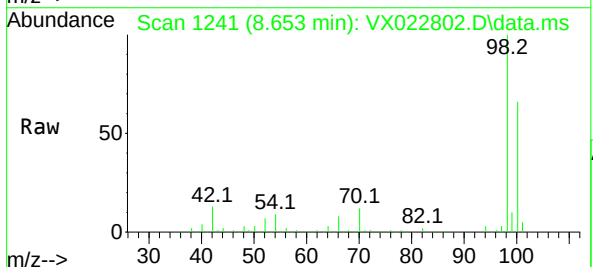
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

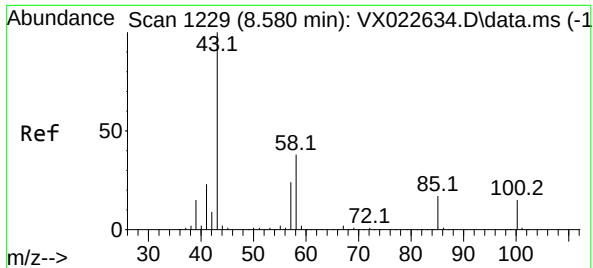
Tgt Ion:130 Resp: 79812
Ion Ratio Lower Upper
130 100
95 104.0 0.0 198.0



#50
Toluene-d8
Concen: 54.169 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Tgt Ion: 98 Resp: 145210
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

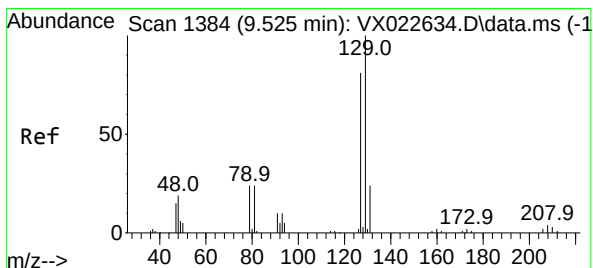
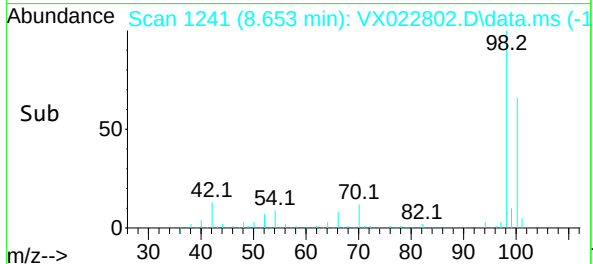
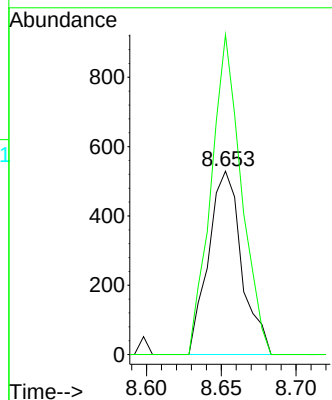
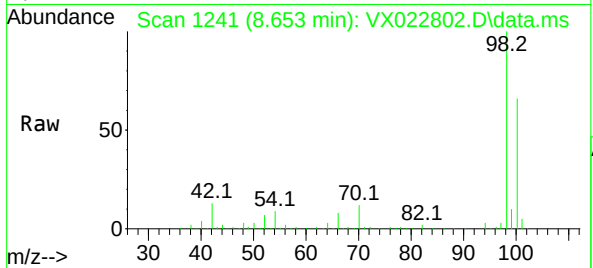




#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

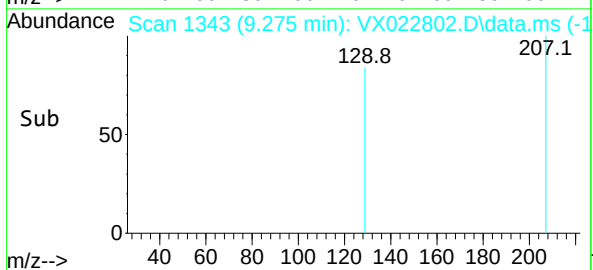
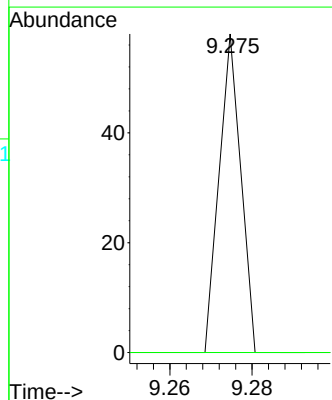
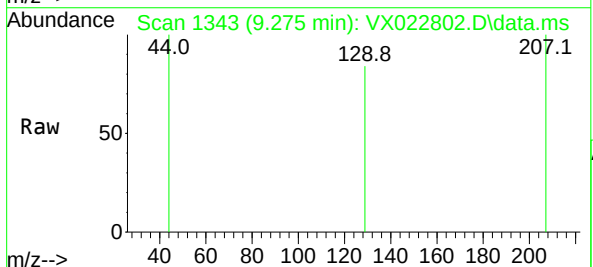
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

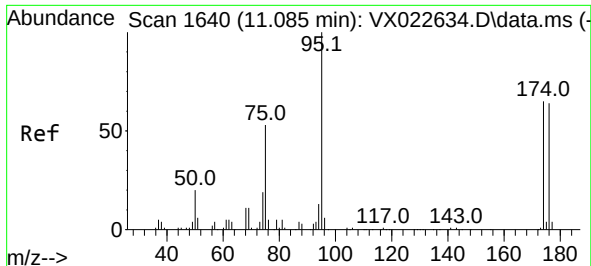
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 159.2 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.193 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

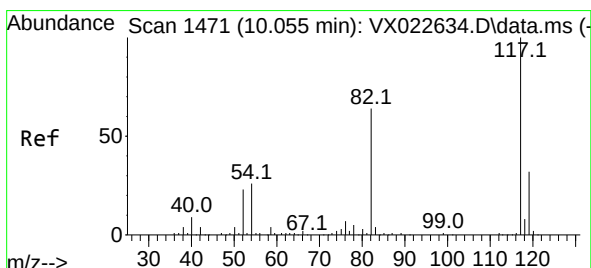
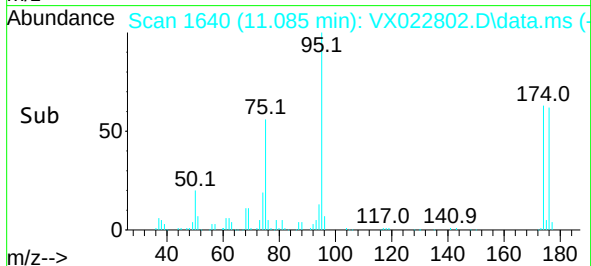
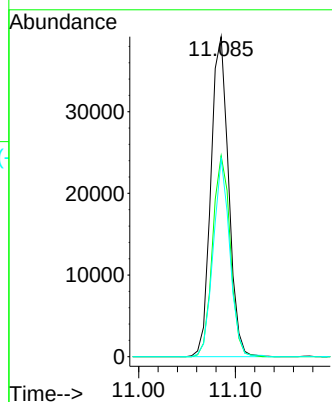
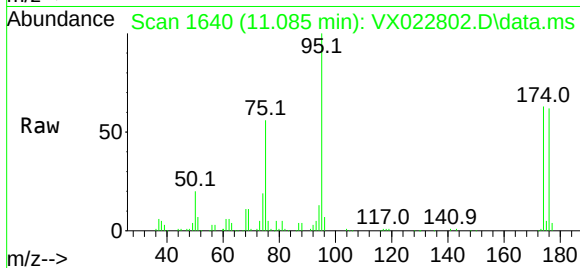




#62
4-Bromofluorobenzene
Concen: 49.133 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

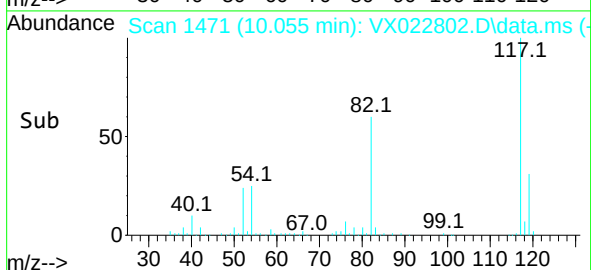
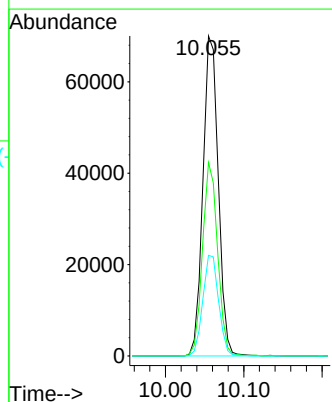
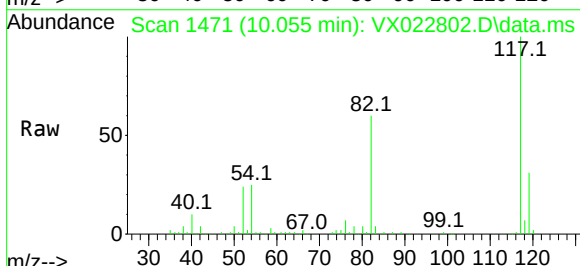
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20210617

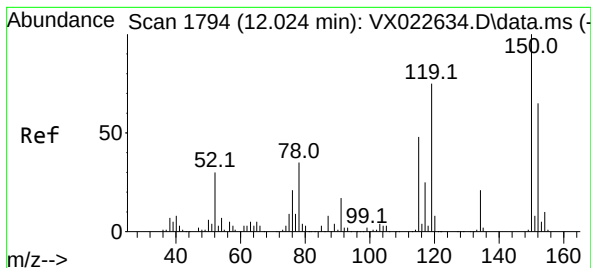
Tgt Ion: 95 Resp: 49813
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 58.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022802.D
Acq: 21 Jun 2021 18:10

Tgt Ion: 117 Resp: 95175
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.5 26.6 39.8

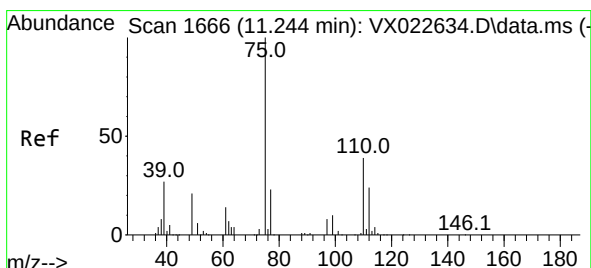
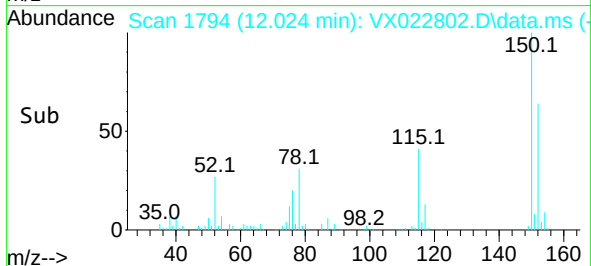
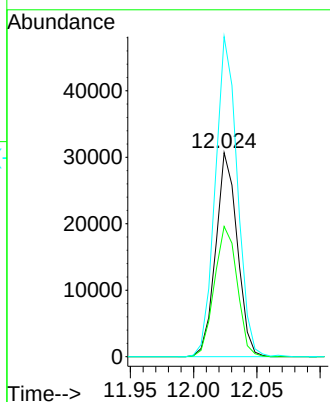
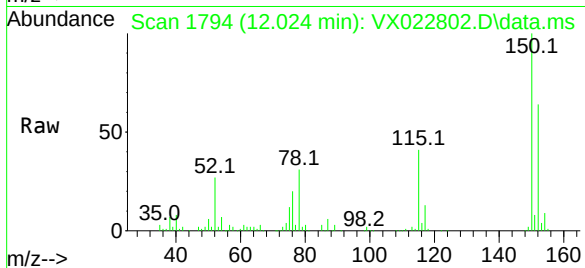




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022802.D
 Acq: 21 Jun 2021 18:10

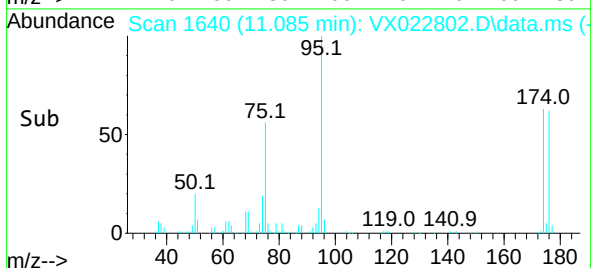
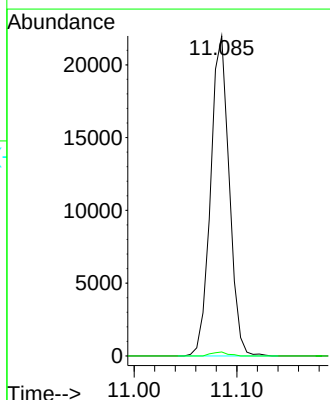
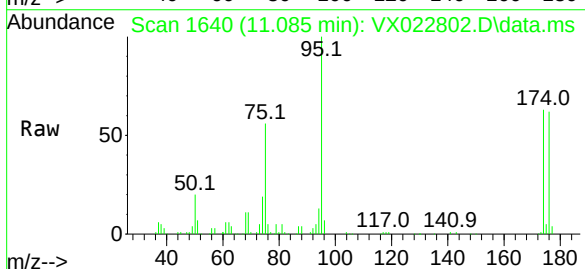
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20210617

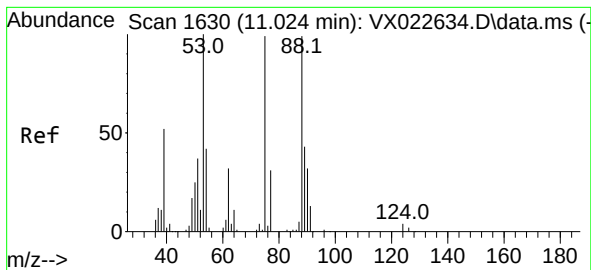
Tgt Ion:152 Resp: 36284
 Ion Ratio Lower Upper
 152 100
 115 67.6 41.1 123.3
 150 160.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.739 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022802.D
 Acq: 21 Jun 2021 18:10

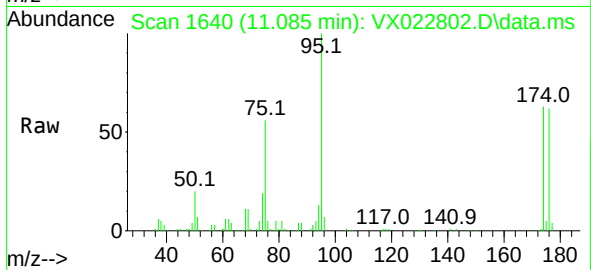
Tgt Ion: 75 Resp: 27648
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.465 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022802.D
 Acq: 21 Jun 2021 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20210617



Tgt Ion: 75 Resp: 27648
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

