

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022621.D
 Acq On : 09 Jun 2021 18:04
 Operator : JC/MD
 Sample : M2652-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 05:44:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

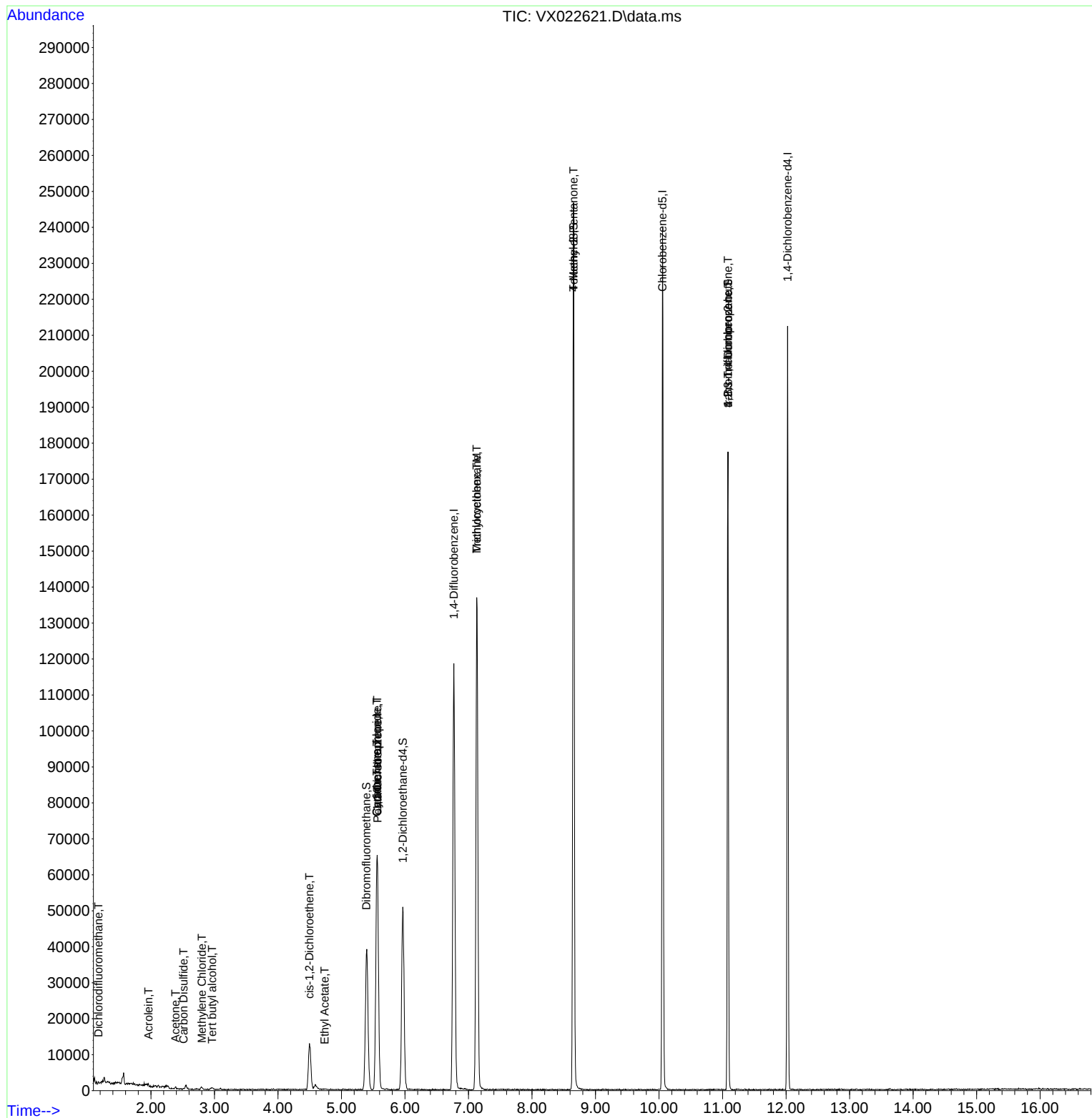
Internal Standards						
1) Pentafluorobenzene	5.568	168	56368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	114740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47700	47.60	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.20%
35) Dibromofluoromethane	5.391	113	33169	46.20	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.40%
50) Toluene-d8	8.653	98	139632	48.75	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.50%
62) 4-Bromofluorobenzene	11.085	95	48036	45.12	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	275	0.42	ug/l	99
11) Tert butyl alcohol	2.965	59	369	1.64	ug/l #	73
13) Acrolein	1.959	56	19	3.29	ug/l #	1
16) Acetone	2.386	43	591	1.31	ug/l	90
17) Carbon Disulfide	2.514	76	45	3.41	ug/l #	75
20) Methylene Chloride	2.800	84	349	0.37	ug/l #	87
27) cis-1,2-Dichloroethene	4.495	96	8096	8.57	ug/l	89
31) Cyclohexane	5.556	56	1681	1.42	ug/l #	41
36) 1,1-Dichloropropene	5.562	75	5732	5.16	ug/l #	48
37) Ethyl Acetate	4.733	43	311	0.22	ug/l #	64
38) Carbon Tetrachloride	5.556	117	6901	8.49	ug/l #	16
39) Methylcyclohexane	7.129	83	759	2.43	ug/l #	1
44) Trichloroethene	7.129	130	48015	59.41	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	663	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	25877	26.26	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25877	64.69	ug/l #	12

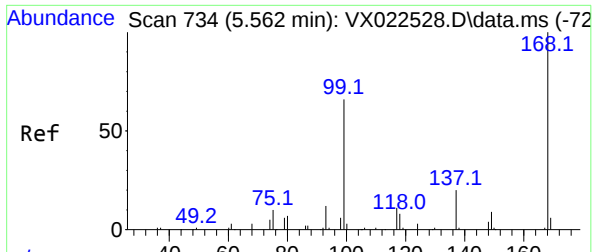
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 05:44:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

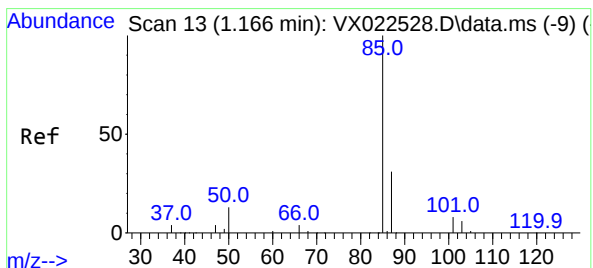
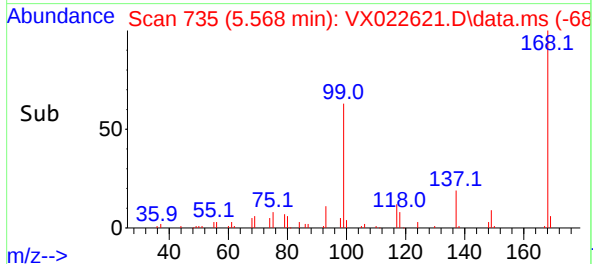
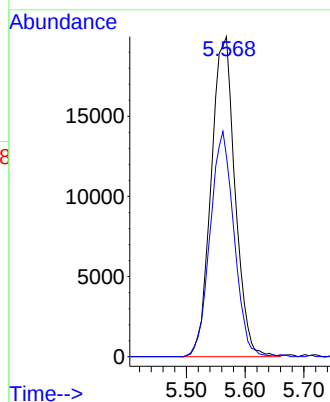
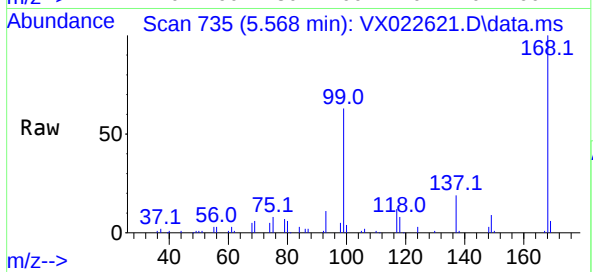




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

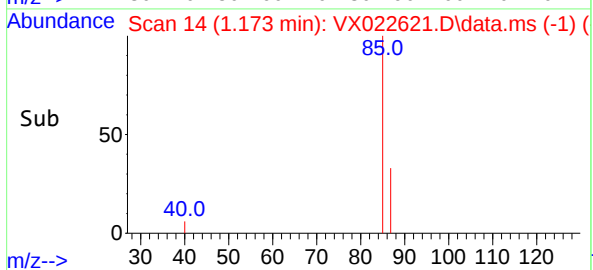
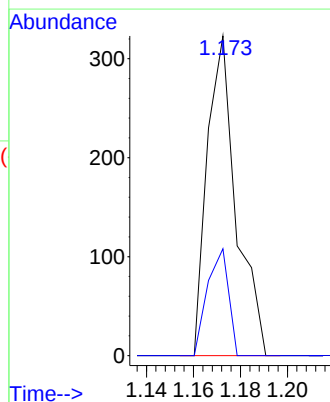
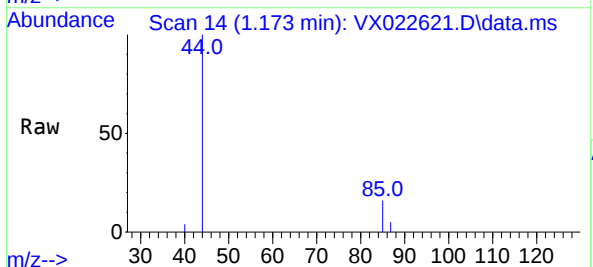
Instrument :
MSVOA_X
ClientSampled :

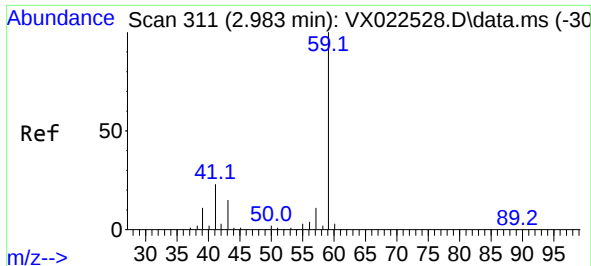
Tgt Ion:168 Resp: 56368
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.42 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion: 85 Resp: 275
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2

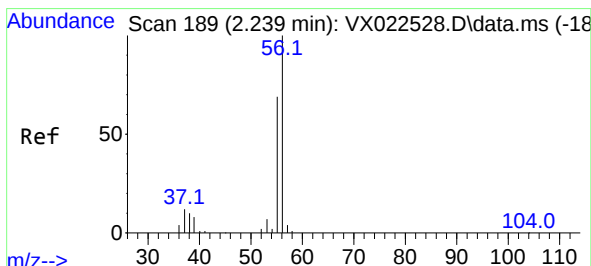
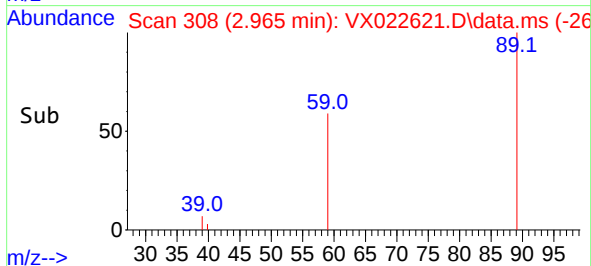
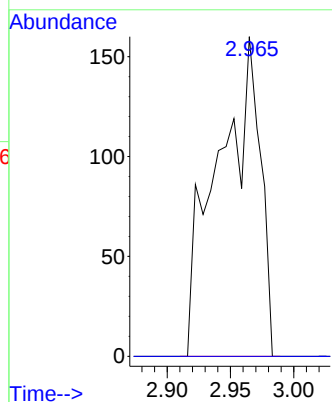
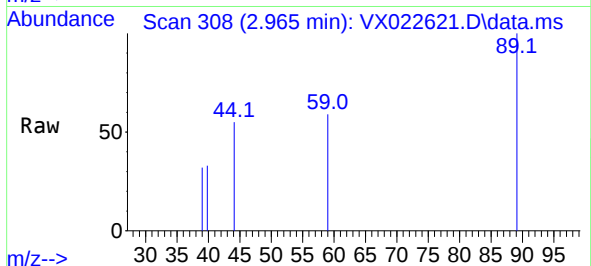




#11
Tert butyl alcohol
Concen: 1.64 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

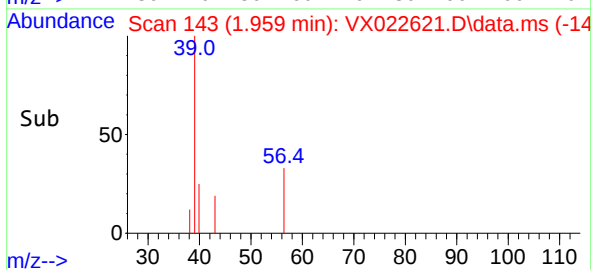
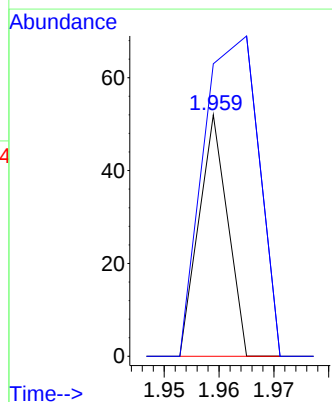
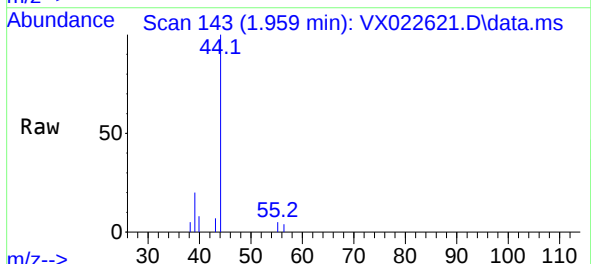
Instrument :
MSVOA_X
ClientSampled :

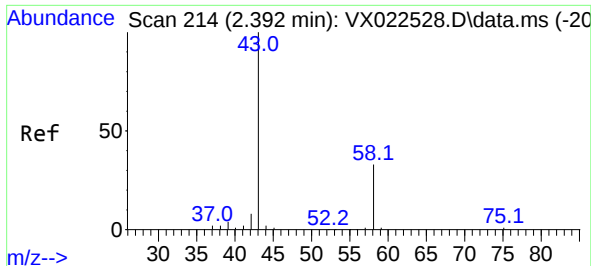
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.29 ug/l
RT: 1.959 min Scan# 143
Delta R.T. -0.280 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 252.6 56.4 84.6#

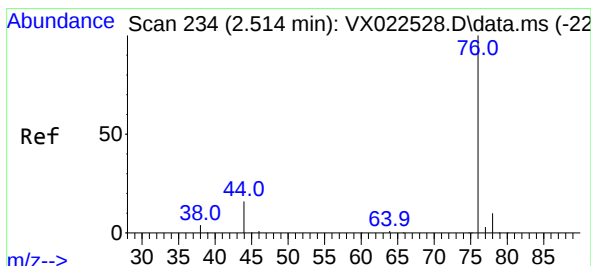
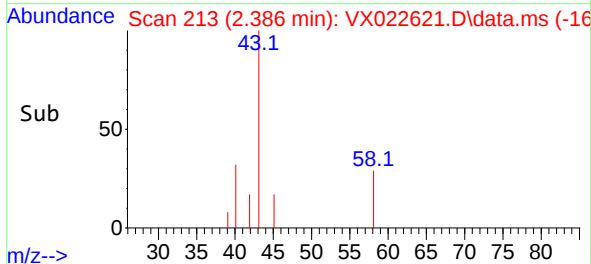
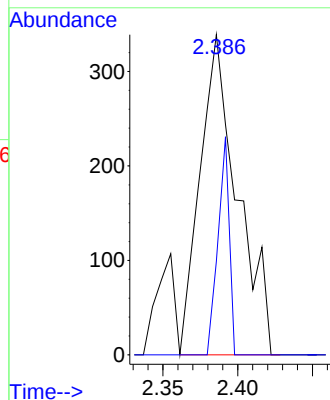
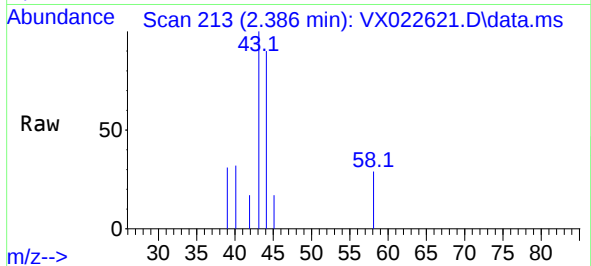




#16
Acetone
Concen: 1.31 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

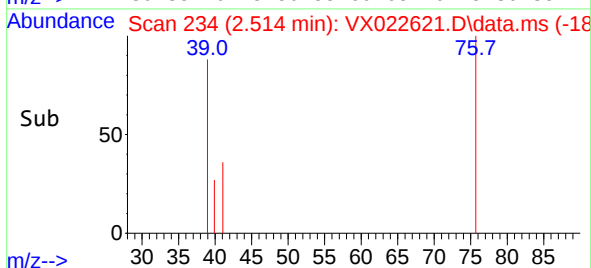
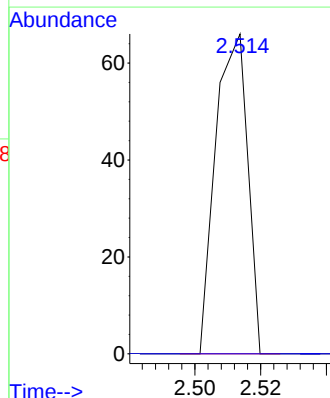
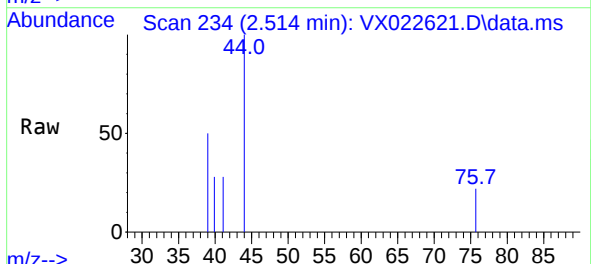
Instrument :
MSVOA_X
ClientSampled :

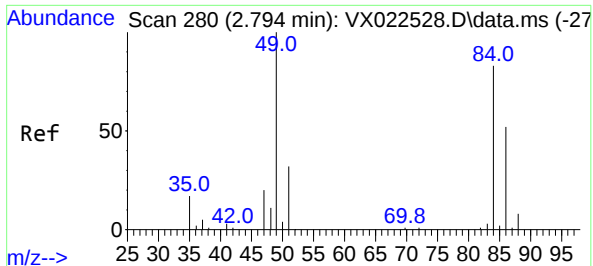
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#17
Carbon Disulfide
Concen: 3.41 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion: 76 Resp: 45
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.37 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022621.D

Acq: 09 Jun 2021 18:04

Tgt Ion: 84 Resp: 349

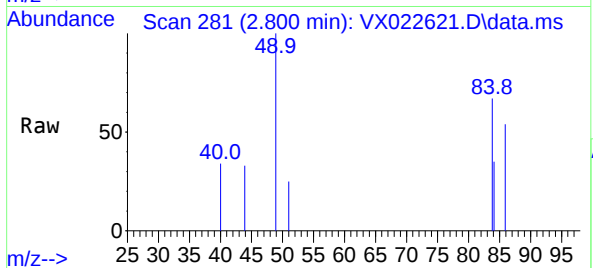
Ion Ratio Lower Upper

84 100

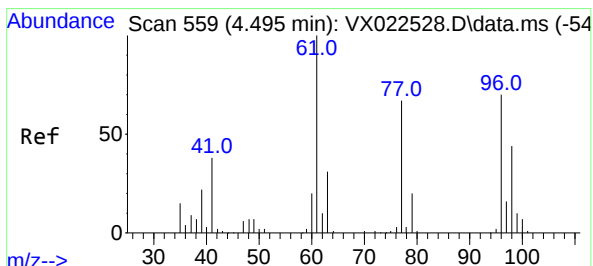
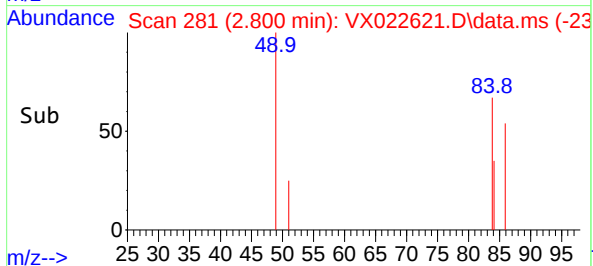
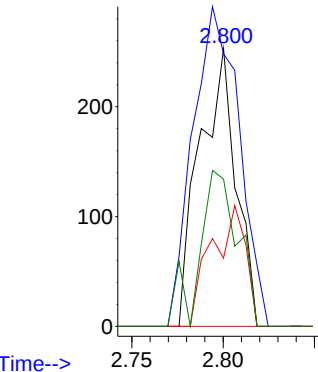
49 98.0 88.6 132.8

51 24.5 27.0 40.6#

86 53.0 50.3 75.5



Abundance



#27

cis-1,2-Dichloroethene

Concen: 8.57 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX022621.D

Acq: 09 Jun 2021 18:04

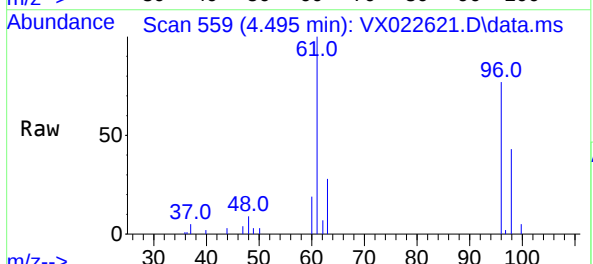
Tgt Ion: 96 Resp: 8096

Ion Ratio Lower Upper

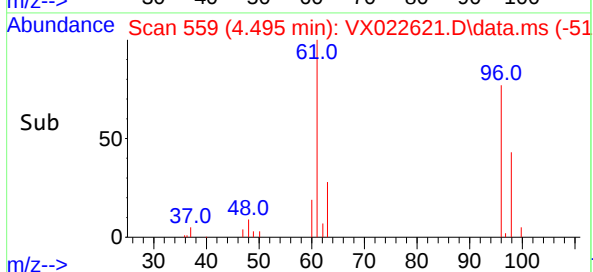
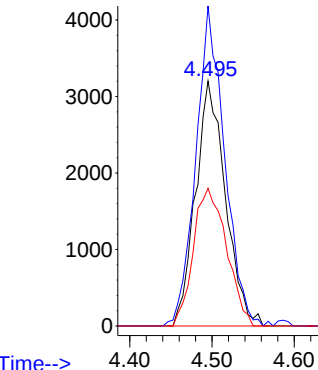
96 100

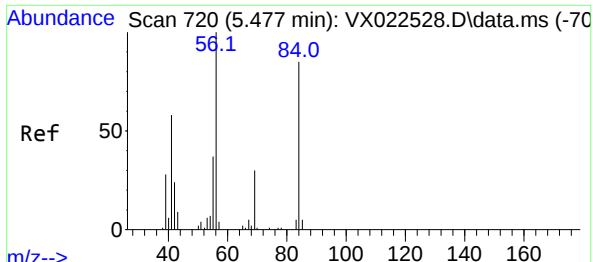
61 125.5 0.0 285.6

98 62.2 0.0 129.6



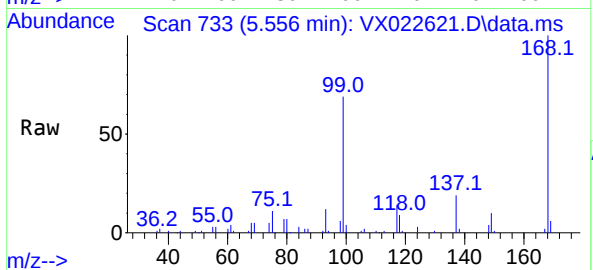
Abundance



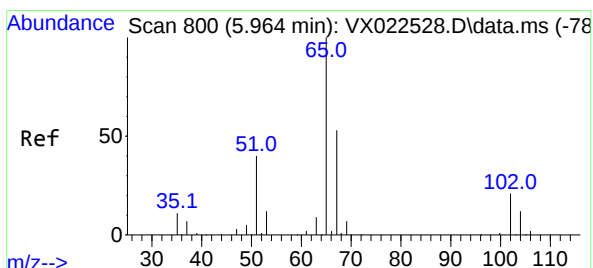
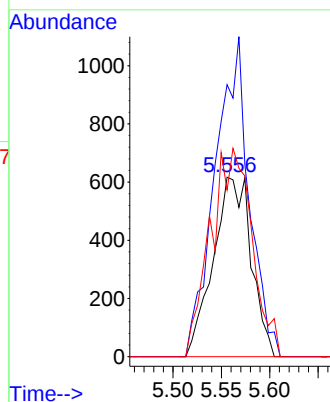
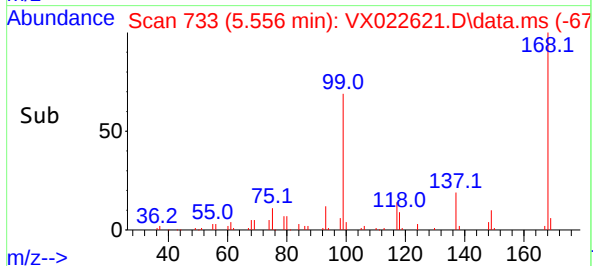


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

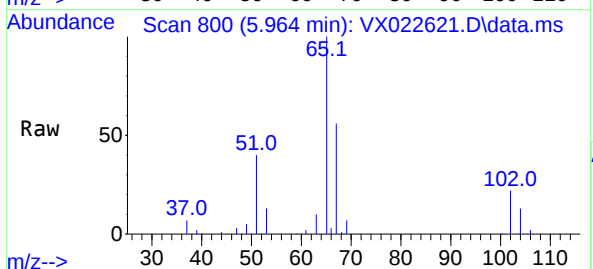
Instrument :
MSVOA_X
ClientSampled :



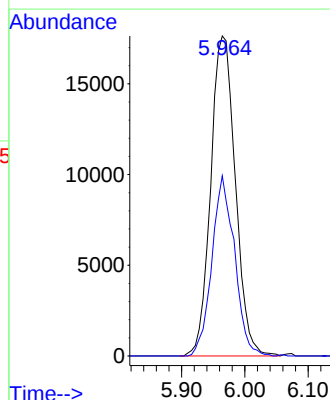
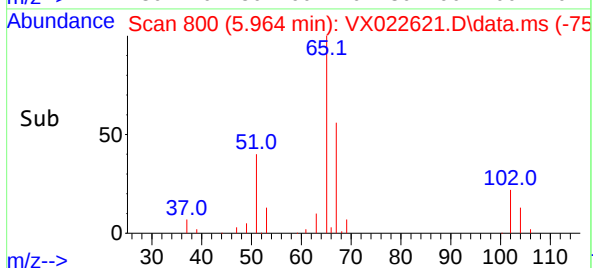
Tgt Ion: 56 Resp: 1681
Ion Ratio Lower Upper
56 100
69 151.5 25.3 37.9#
84 92.9 71.4 107.0

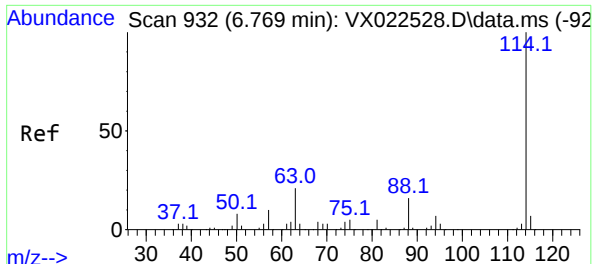


#33
1,2-Dichloroethane-d4
Concen: 47.60 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04



Tgt Ion: 65 Resp: 47700
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

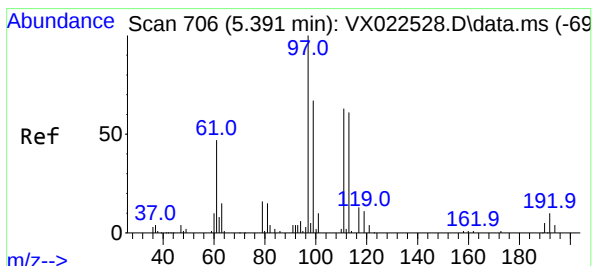
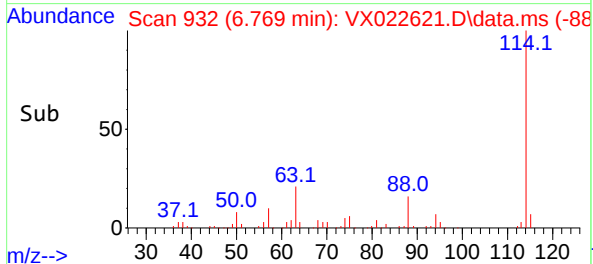
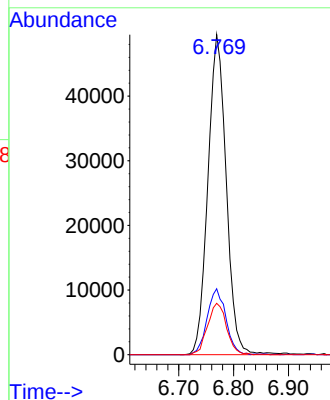
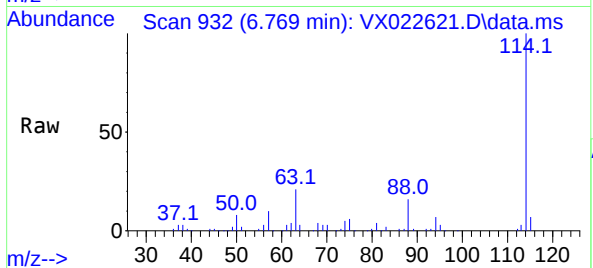




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

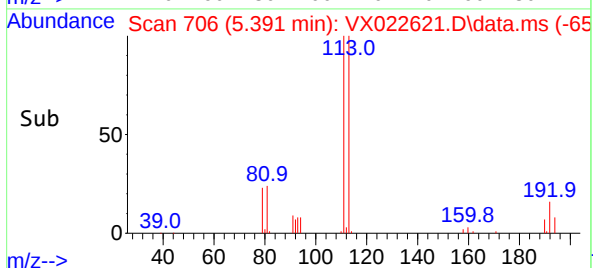
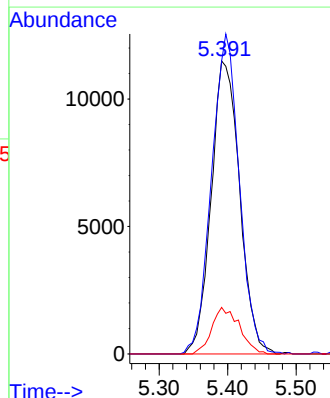
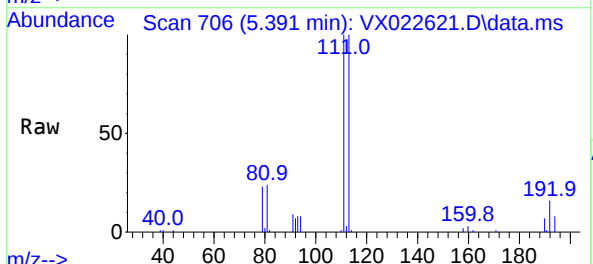
Instrument :
MSVOA_X
ClientSampleId :

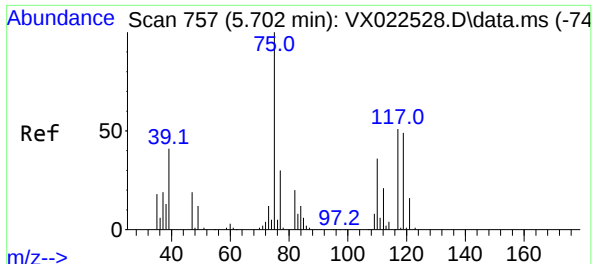
Tgt Ion:114 Resp: 114740
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.20 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion:113 Resp: 33169
Ion Ratio Lower Upper
113 100
111 106.4 81.9 122.9
192 15.4 16.7 25.1#

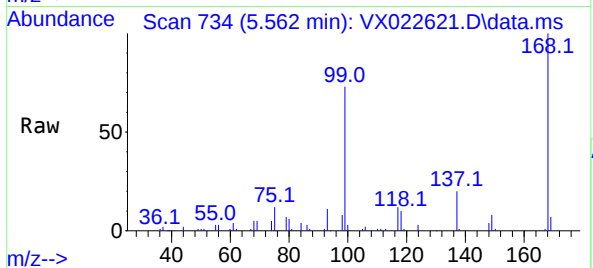




#36

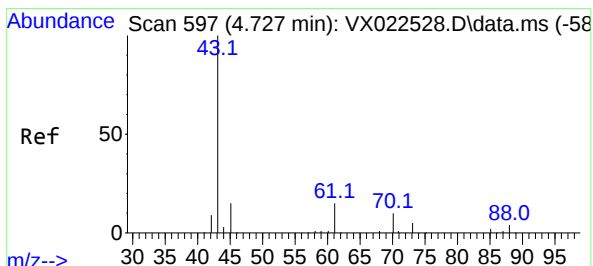
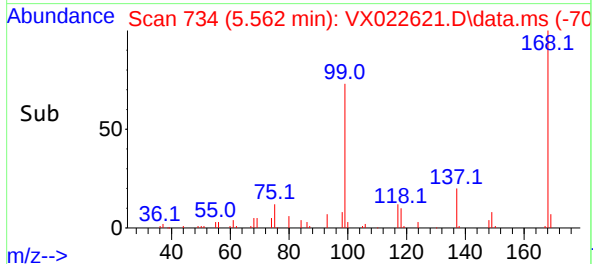
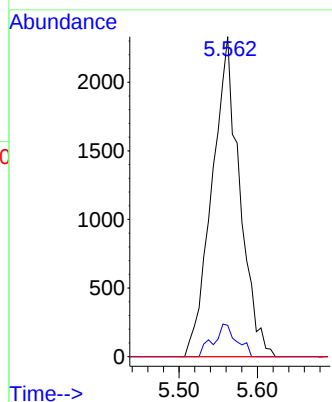
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Instrument :
MSVOA_X
ClientSampled :



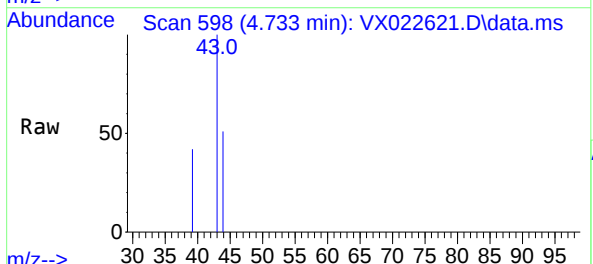
Tgt Ion: 75 Resp: 5732

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.0	25.3	37.9#



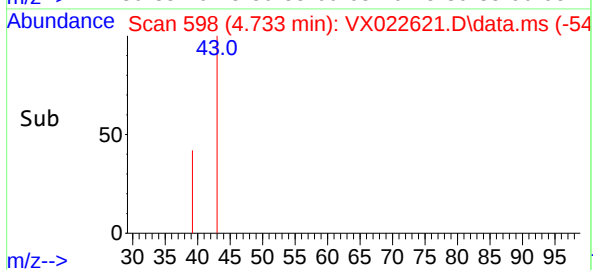
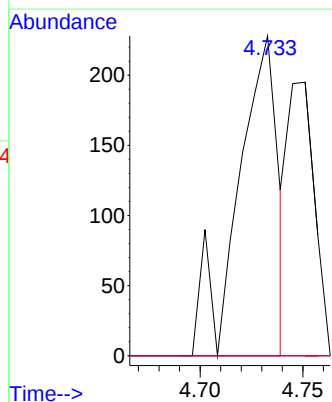
#37

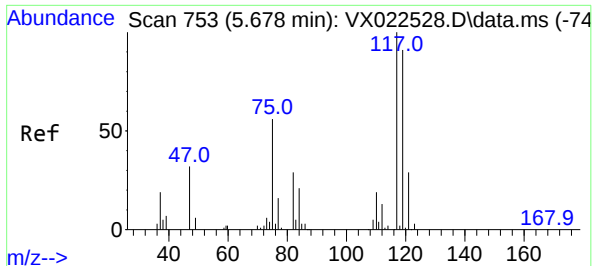
Ethyl Acetate
Concen: 0.22 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04



Tgt Ion: 43 Resp: 311

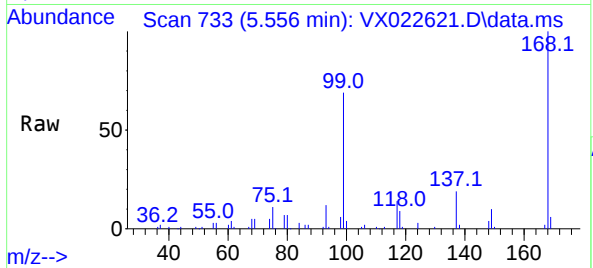
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



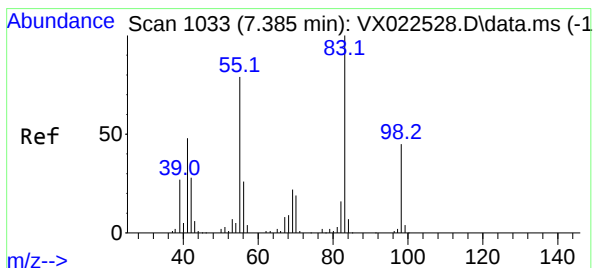
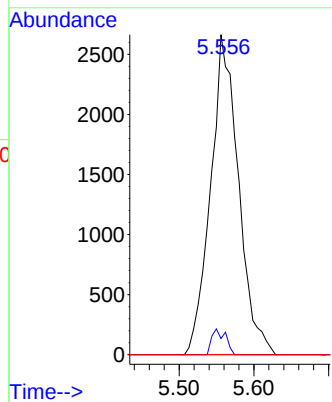
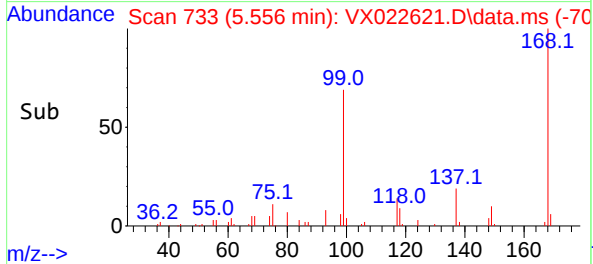


#38
Carbon Tetrachloride
Concen: 8.49 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

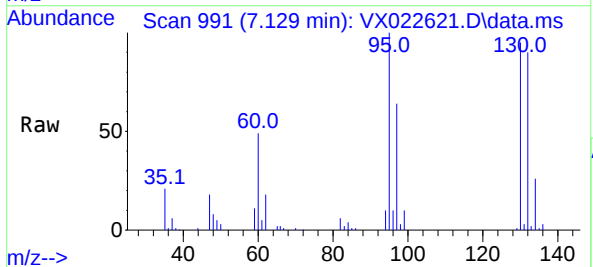
Instrument :
MSVOA_X
ClientSampleId :



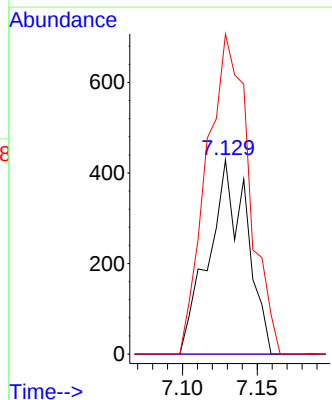
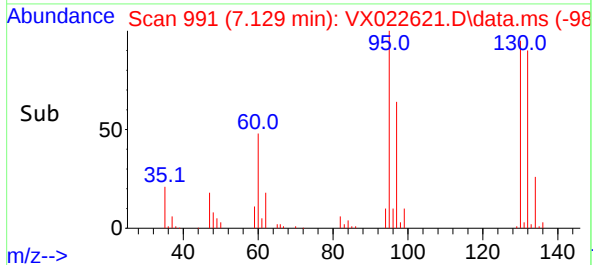
Tgt Ion:117 Resp: 6901
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

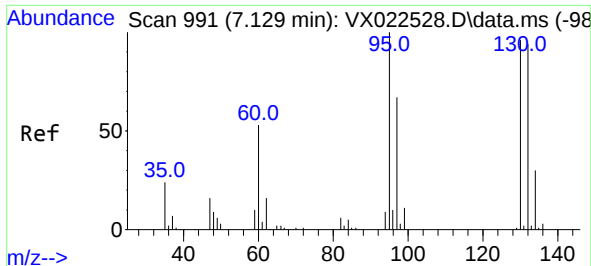


#39
Methylcyclohexane
Concen: 2.43 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04



Tgt Ion: 83 Resp: 759
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 164.8 38.1 57.1#

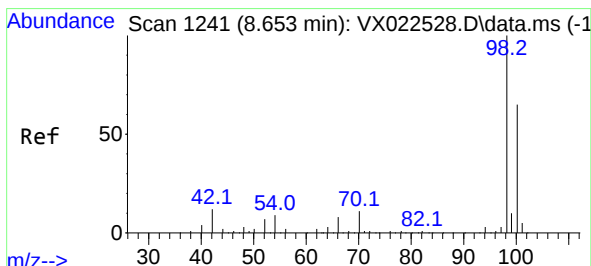
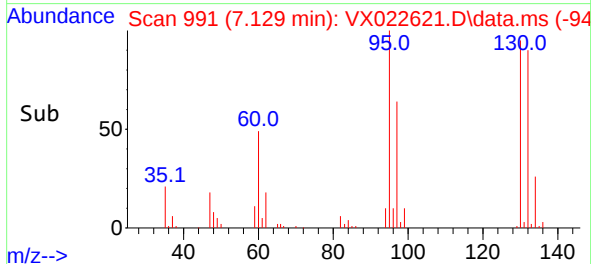
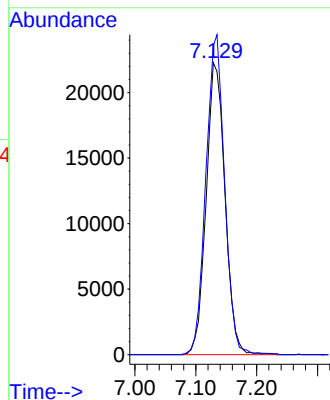
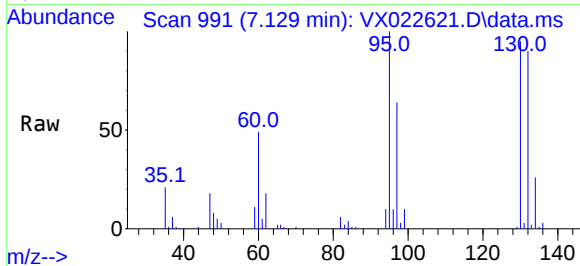




#44
Trichloroethene
Concen: 59.41 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

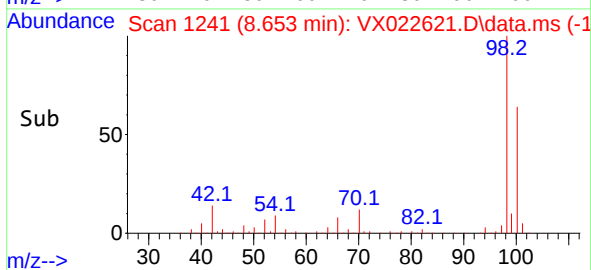
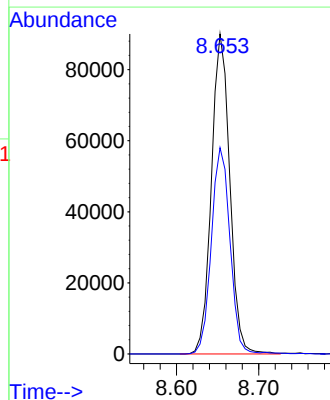
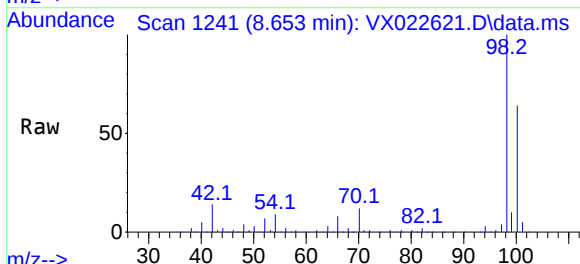
Instrument :
MSVOA_X
ClientSampled :

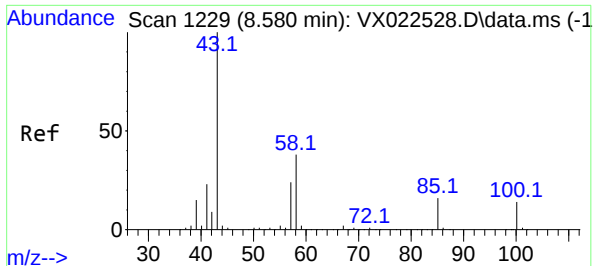
Tgt Ion:130 Resp: 48015
Ion Ratio Lower Upper
130 100
95 105.8 0.0 198.0



#50
Toluene-d8
Concen: 48.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion: 98 Resp: 139632
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

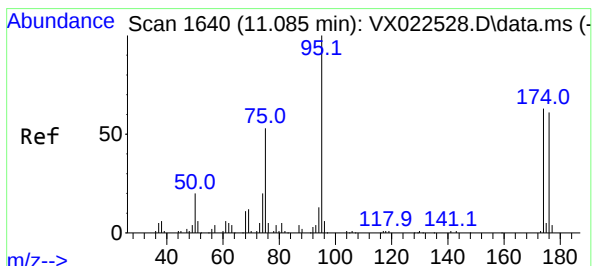
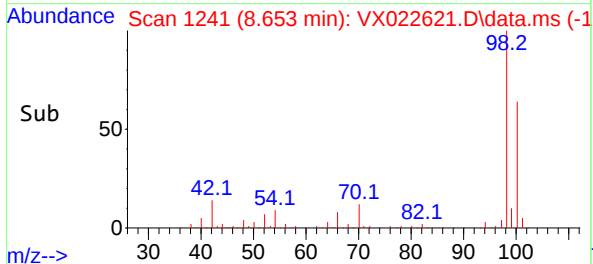
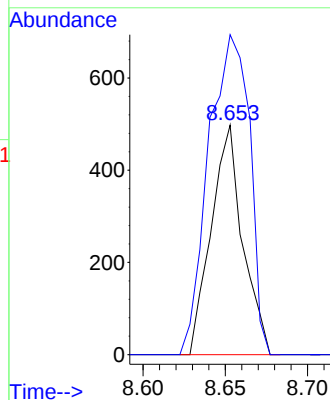
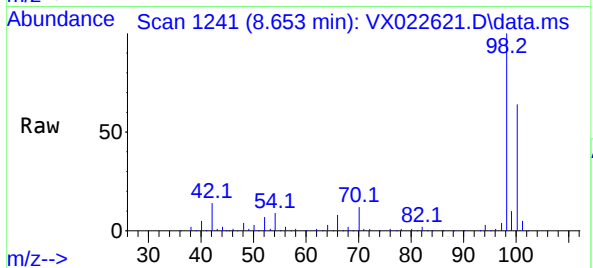




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

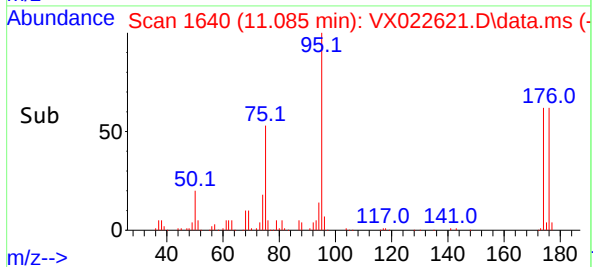
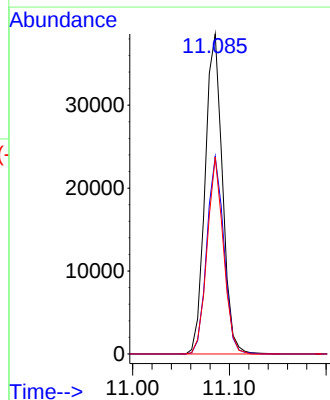
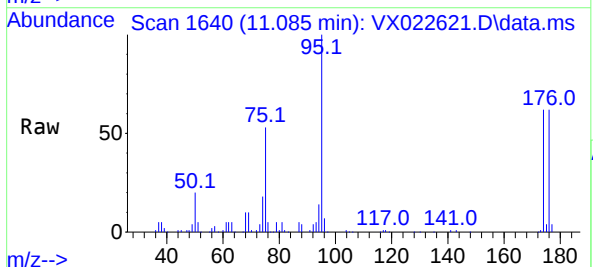
Instrument :
MSVOA_X
ClientSampled :

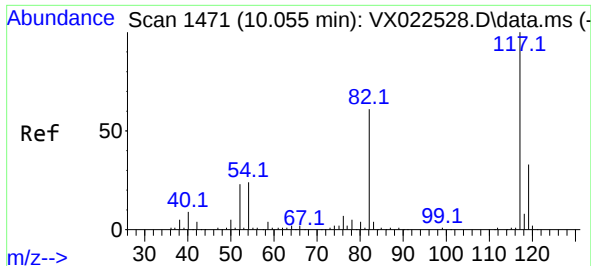
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 181.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.12 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion: 95 Resp: 48036
Ion Ratio Lower Upper
95 100
174 60.7 0.0 154.6
176 57.8 0.0 155.8

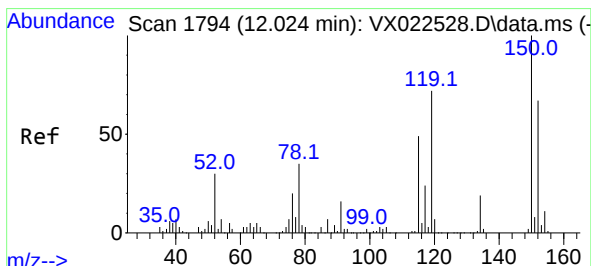
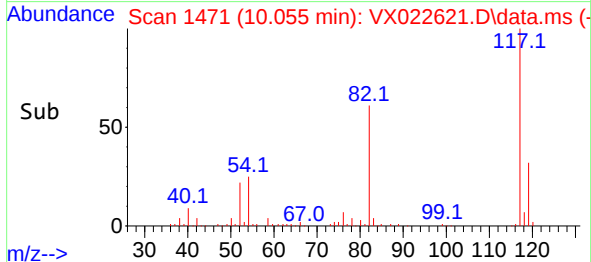
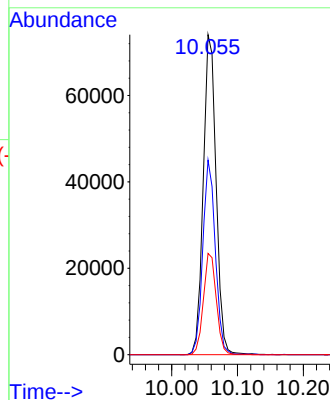
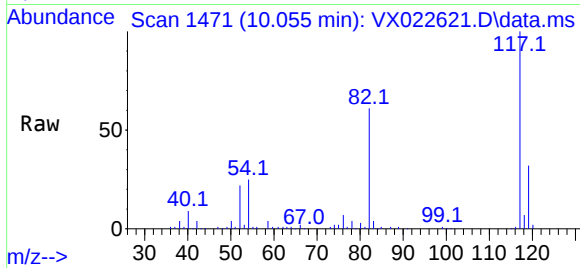




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

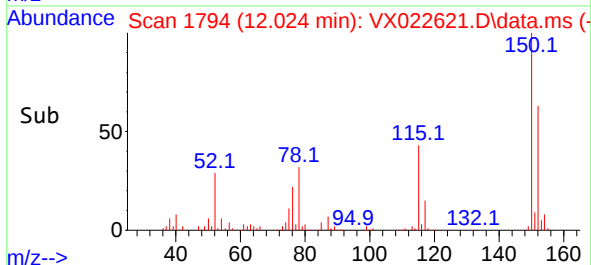
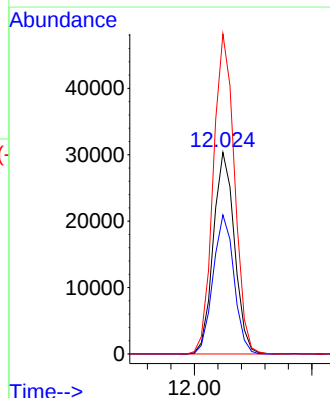
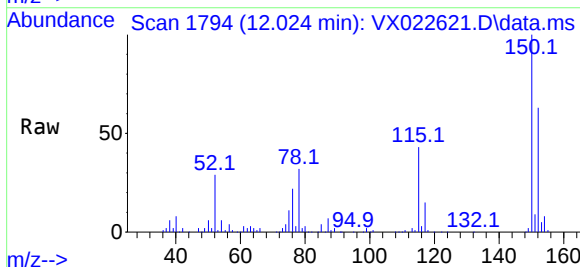
Instrument :
MSVOA_X
ClientSampleId :

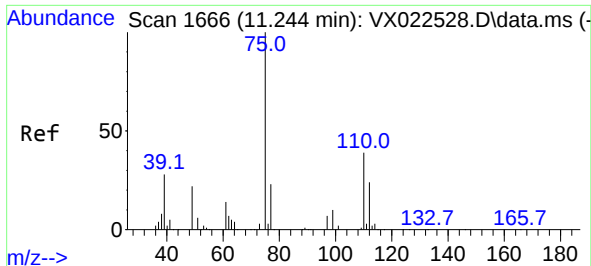
Tgt Ion:117 Resp: 100550
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion:152 Resp: 38036
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 159.1 0.0 349.0

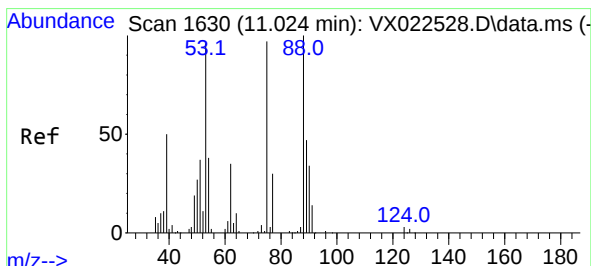
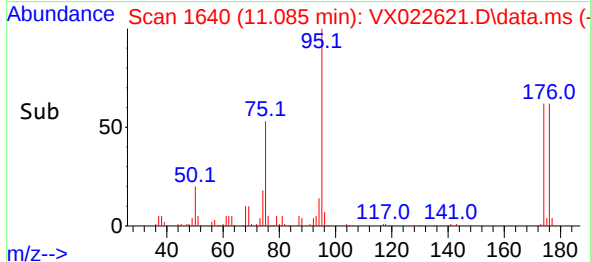
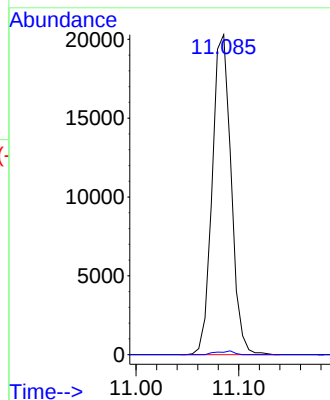
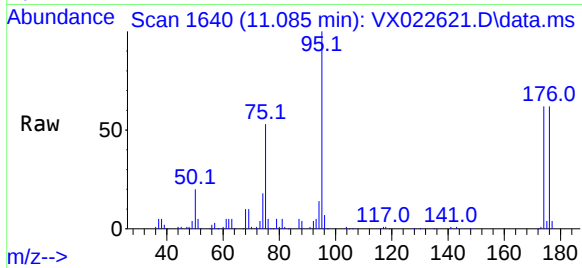




#76
1,2,3-Trichloropropane
Concen: 26.26 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 25877
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022621.D
Acq: 09 Jun 2021 18:04

Tgt Ion: 75 Resp: 25877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

