

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031516.D
 Acq On : 21 Sep 2022 11:59
 Operator : JC/MD
 Sample : N4583-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 01:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

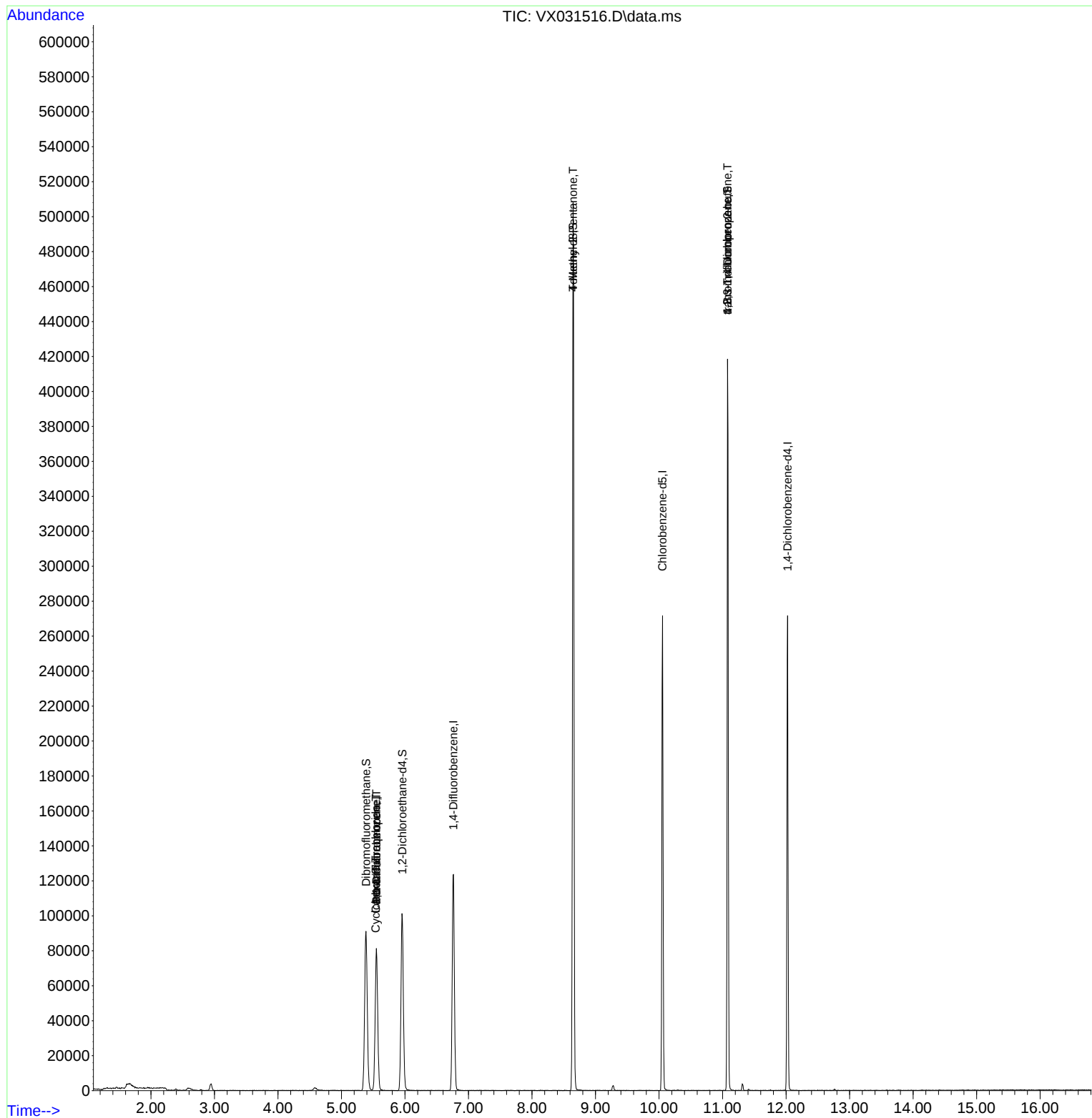
Internal Standards						
1) Pentafluorobenzene	5.550	168	77686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88941	62.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.160%#	
35) Dibromofluoromethane	5.385	113	75312	56.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.560%	
50) Toluene-d8	8.647	98	292478	56.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.220%#	
62) 4-Bromofluorobenzene	11.079	95	89066	50.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.780%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	165	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	2202	Below Cal	#	73
13) Acrolein	2.239	56	20	Below Cal	#	63
16) Acetone	2.392	43	915	Below Cal		90
20) Methylene Chloride	2.794	84	162	Below Cal	#	71
31) Cyclohexane	5.538	56	1773	0.839	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	6093	2.956	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7629	3.339	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1357	0.558	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	132	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	52491	44.738	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52491	144.049	ug/l #	11

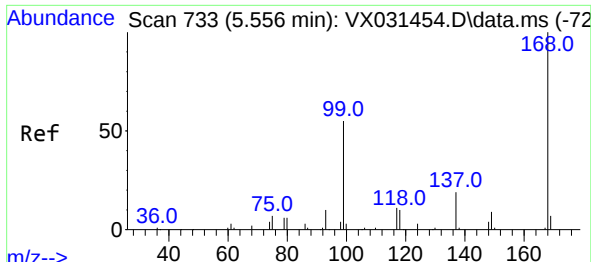
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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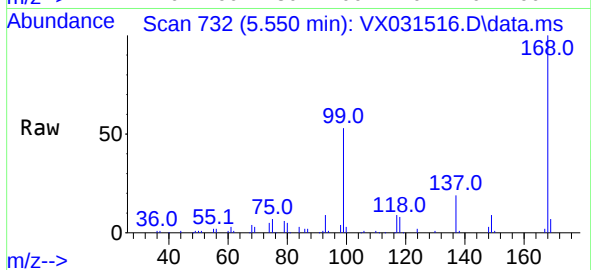
Quant Time: Sep 22 01:11:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



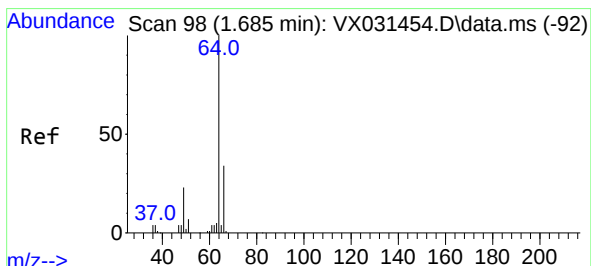
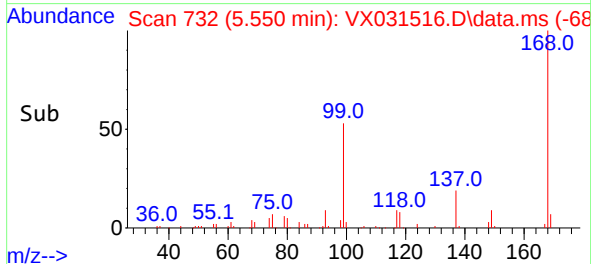
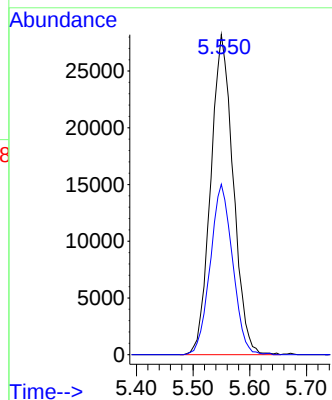


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :

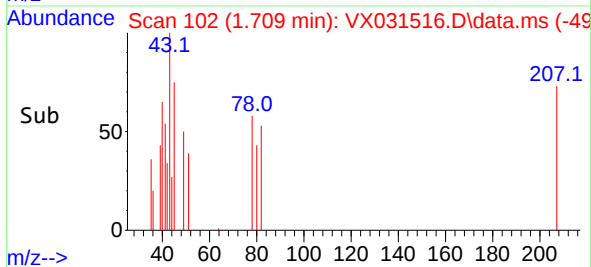
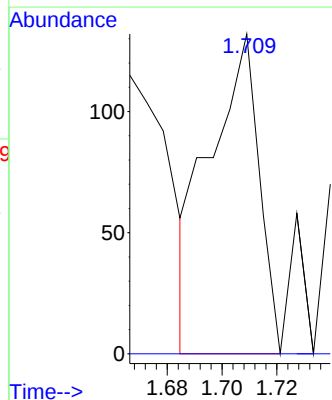
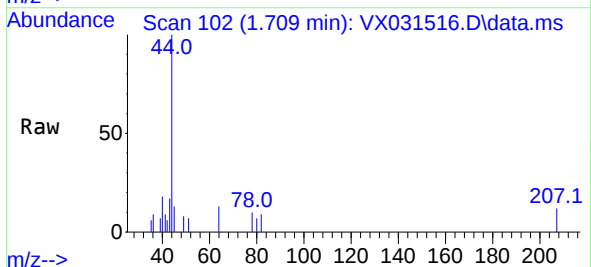


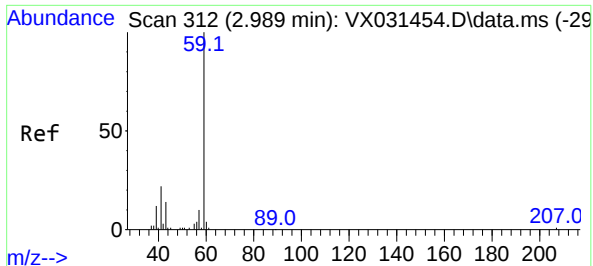
Tgt Ion:168 Resp: 77686
Ion Ratio Lower Upper
168 100
99 53.2 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Tgt Ion: 64 Resp: 165
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031516.D

Acq: 21 Sep 2022 11:59

Instrument :

MSVOA_X

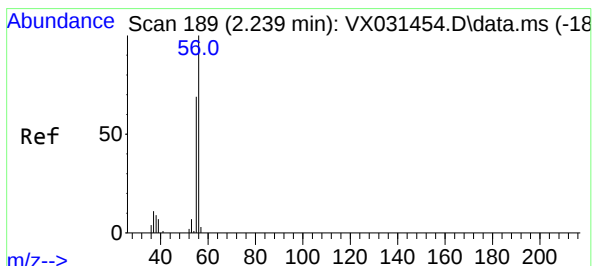
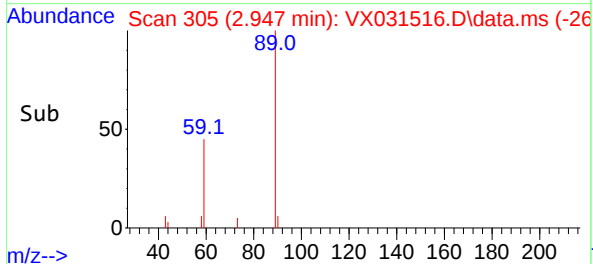
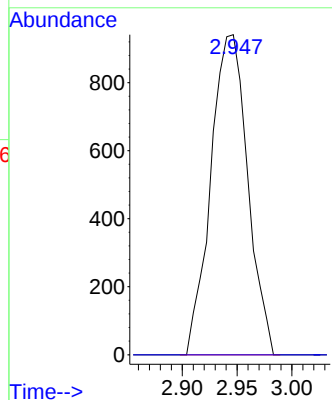
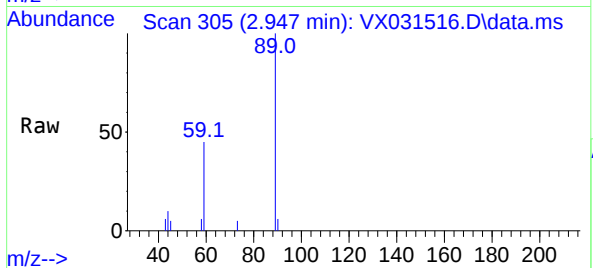
ClientSampleId :

Tgt Ion: 59 Resp: 2202

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031516.D

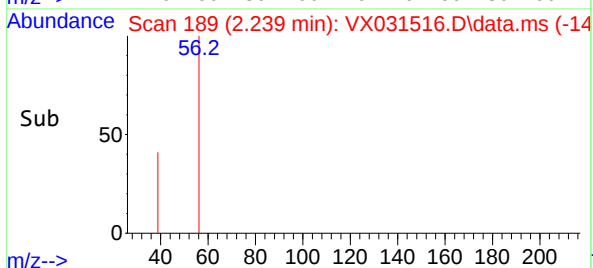
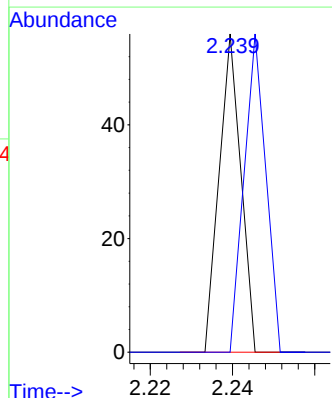
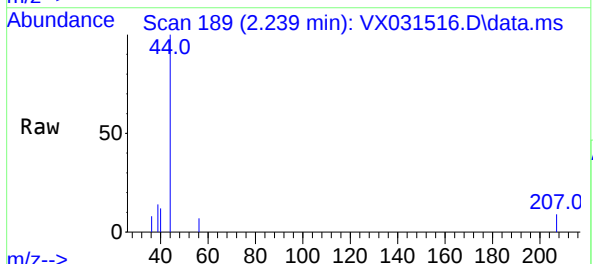
Acq: 21 Sep 2022 11:59

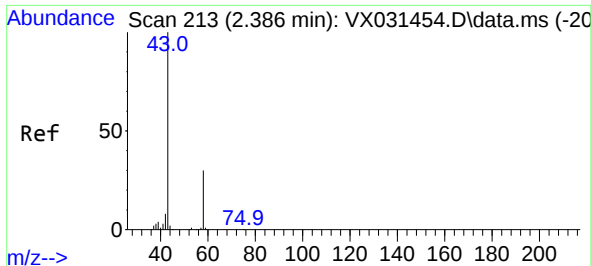
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

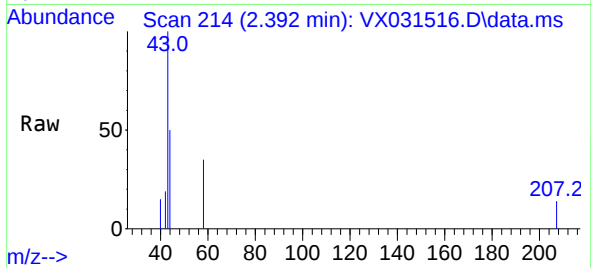
55 100.0 56.0 84.0#



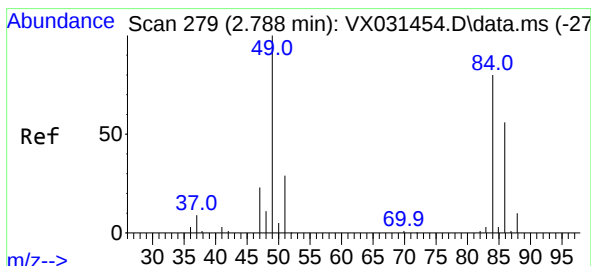
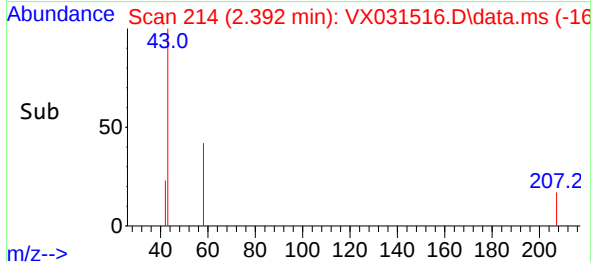
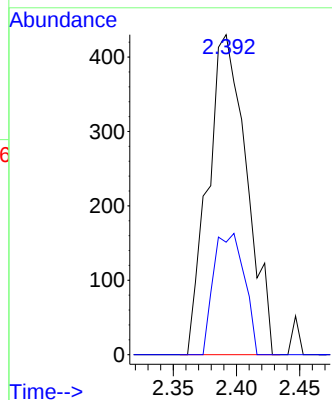


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :

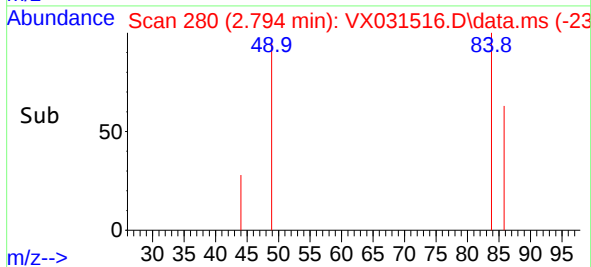
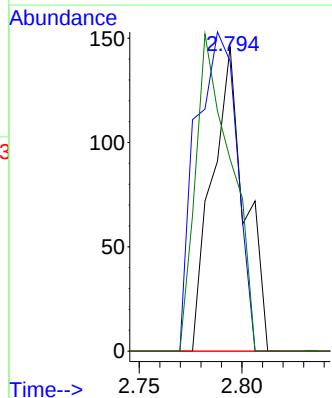
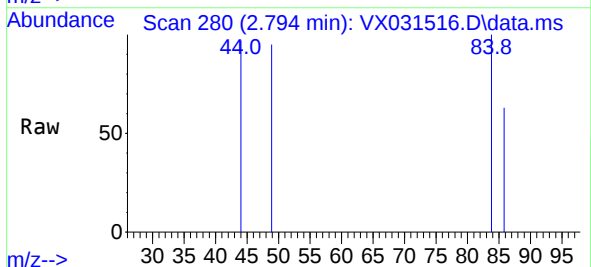


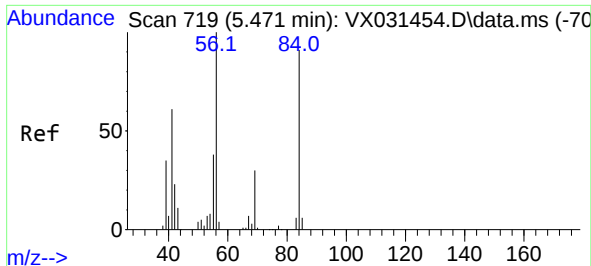
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 35.1 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

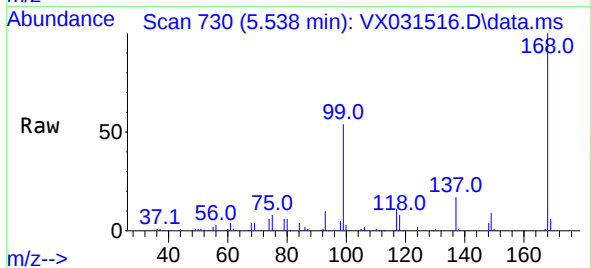
Tgt Ion: 84 Resp: 162
Ion Ratio Lower Upper
84 100
49 95.2 105.9 158.9#
51 0.0 32.2 48.2#
86 63.0 50.8 76.2



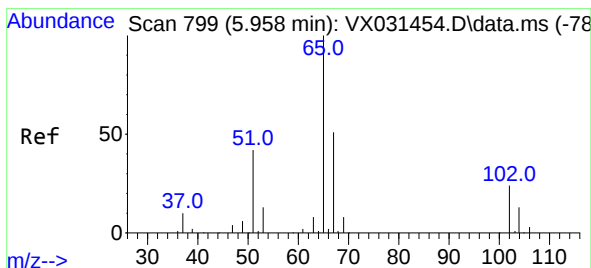
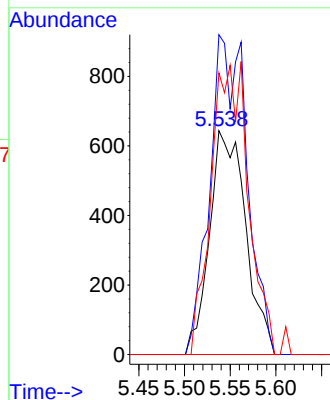
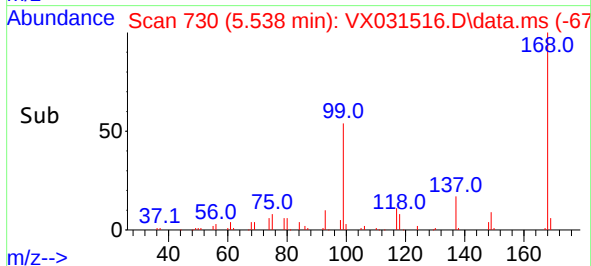


#31
Cyclohexane
Concen: 0.839 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :

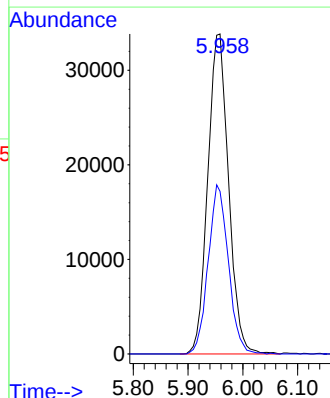
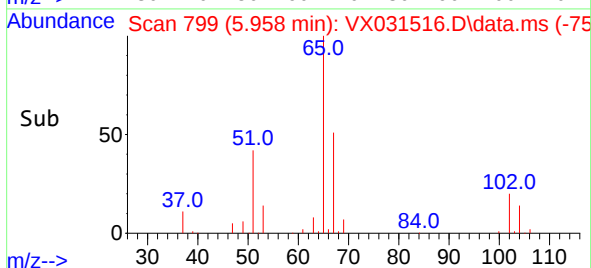
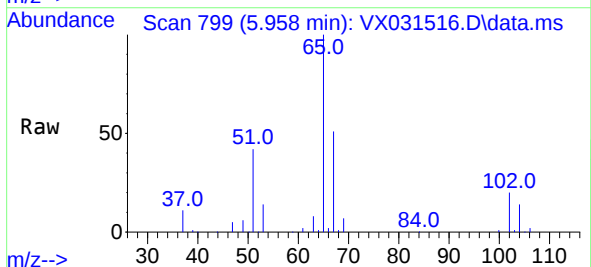


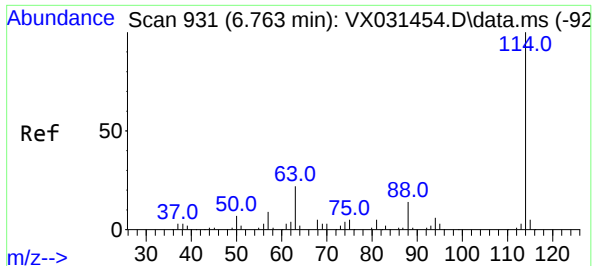
Tgt Ion: 56 Resp: 1773
Ion Ratio Lower Upper
56 100
69 142.9 25.1 37.7#
84 125.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 62.582 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

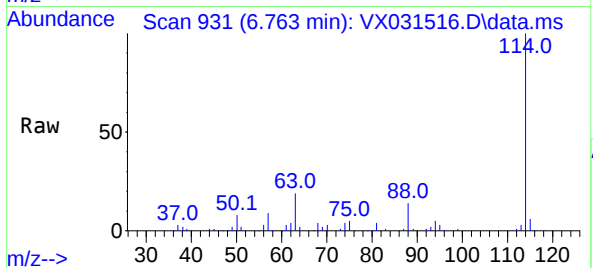
Tgt Ion: 65 Resp: 88941
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4



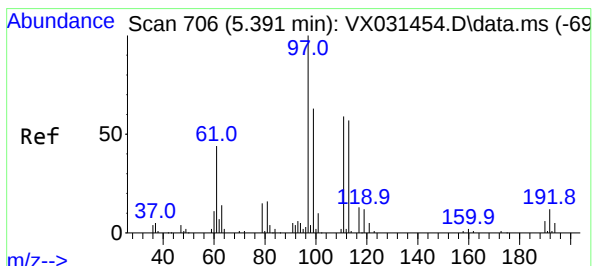
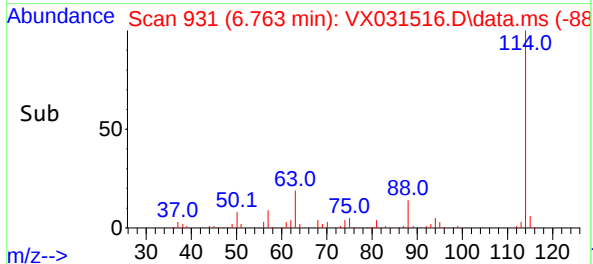
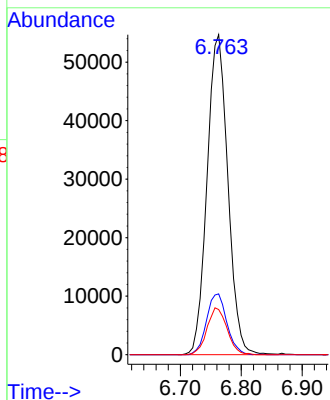


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :

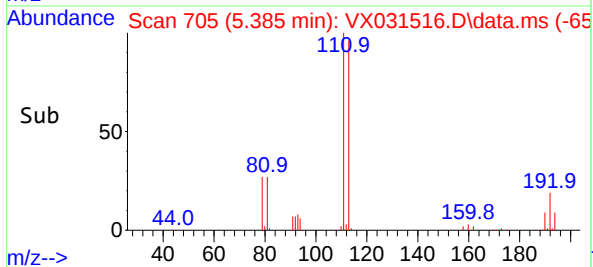
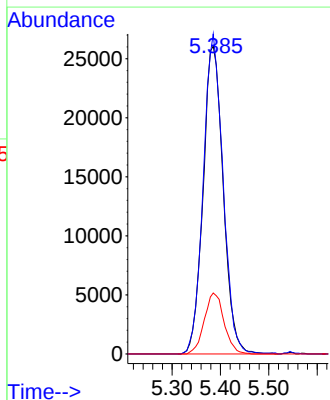
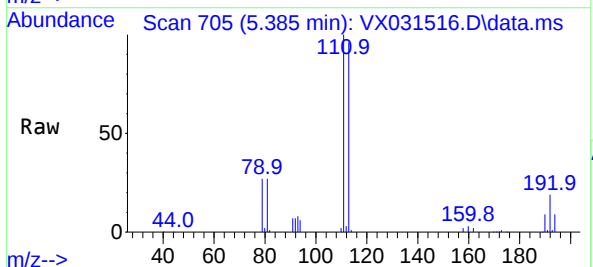


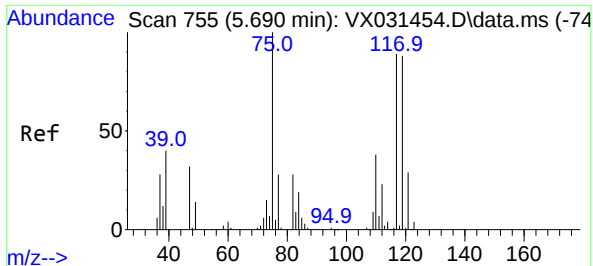
Tgt Ion:114 Resp: 129678
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 14.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 56.279 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Tgt Ion:113 Resp: 75312
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.4 14.1 21.1





#36

1,1-Dichloropropene

Concen: 2.956 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

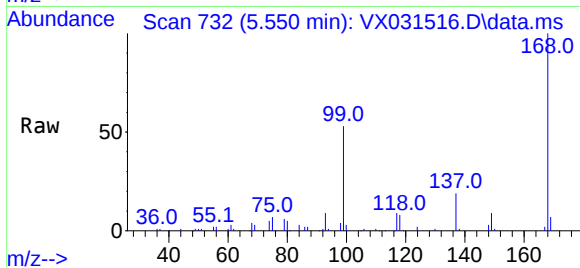
Lab File: VX031516.D

Acq: 21 Sep 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :



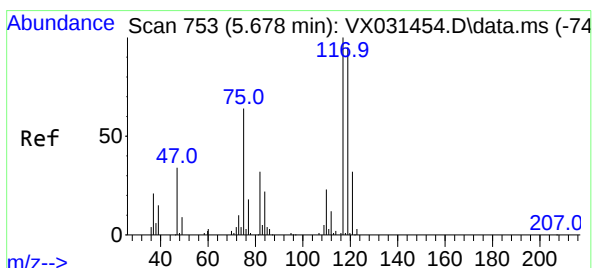
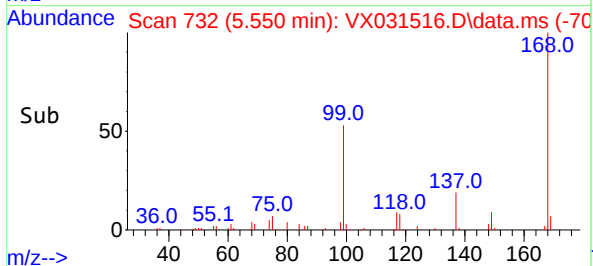
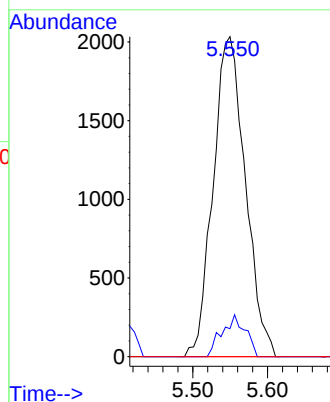
Tgt Ion: 75 Resp: 6093

Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.339 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX031516.D

Acq: 21 Sep 2022 11:59

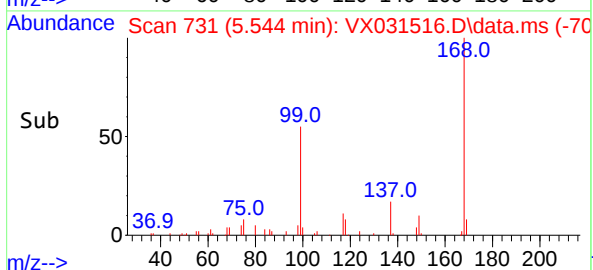
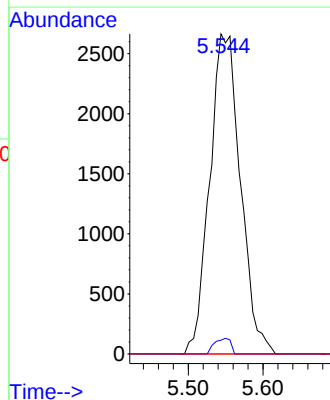
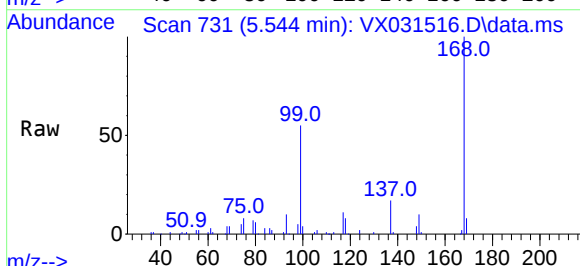
Tgt Ion: 117 Resp: 7629

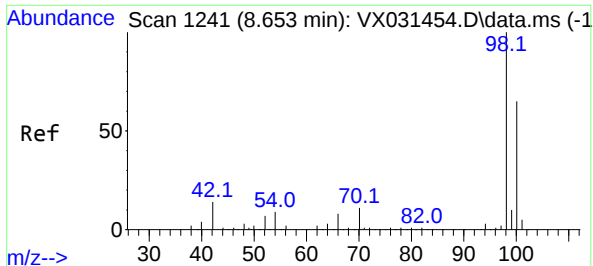
Ion Ratio Lower Upper

117 100

119 4.3 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 56.610 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031516.D

Acq: 21 Sep 2022 11:59

Instrument :

MSVOA_X

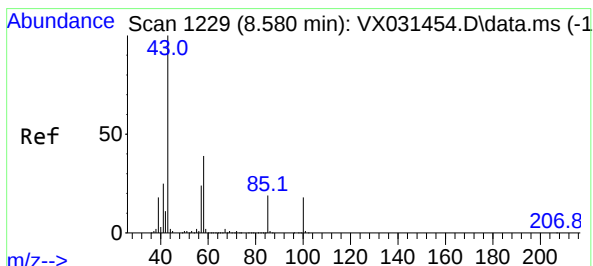
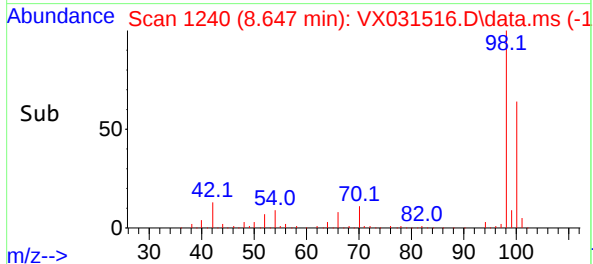
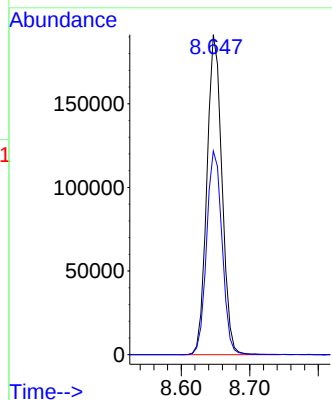
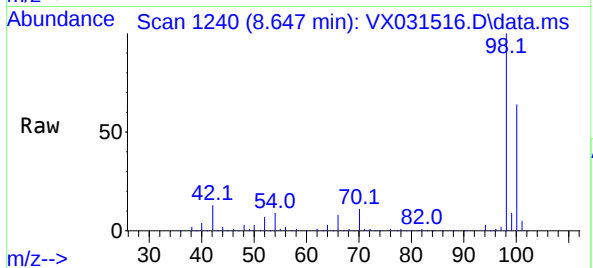
ClientSampleId :

Tgt Ion: 98 Resp: 292478

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.558 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031516.D

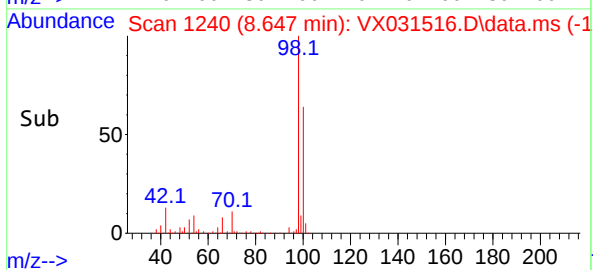
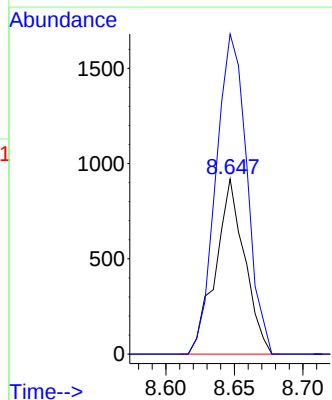
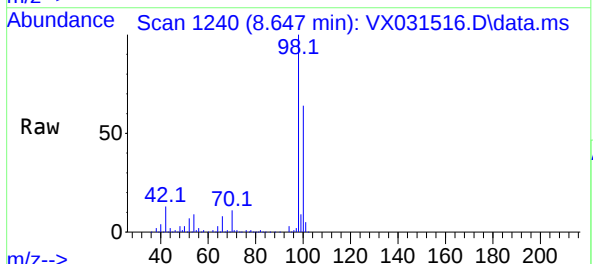
Acq: 21 Sep 2022 11:59

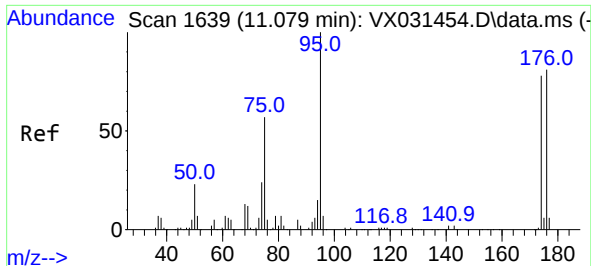
Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

58 194.1 30.6 46.0#

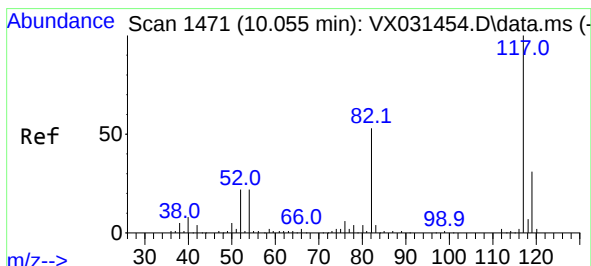
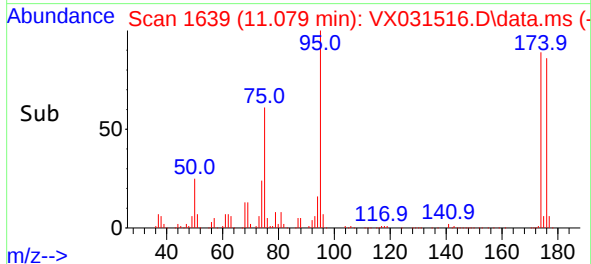
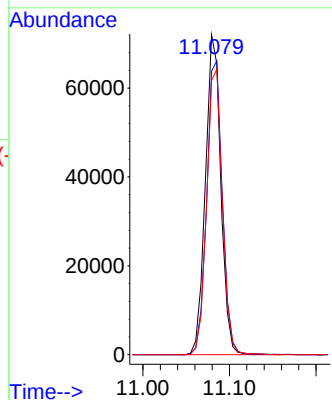
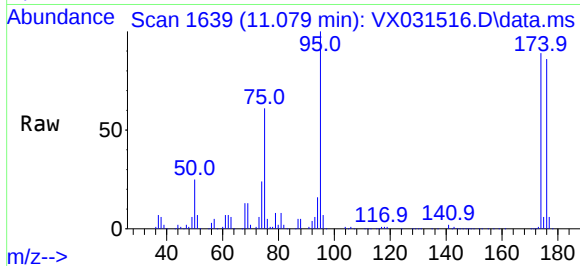




#62
4-Bromofluorobenzene
Concen: 50.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

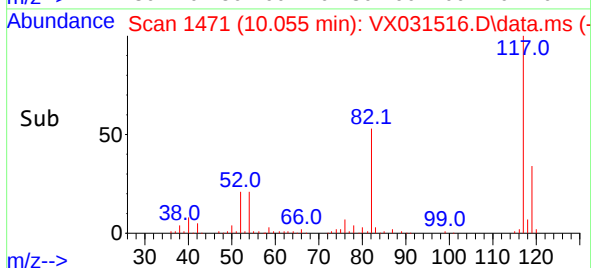
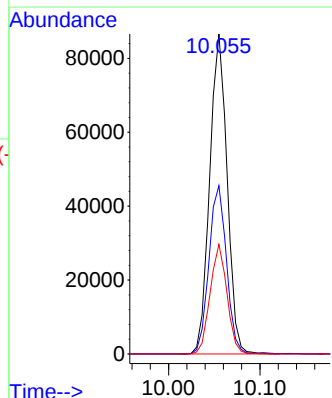
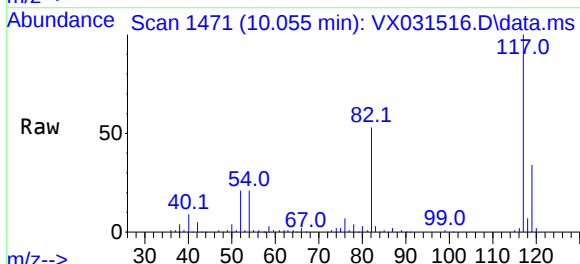
Instrument :
MSVOA_X
ClientSampleId :

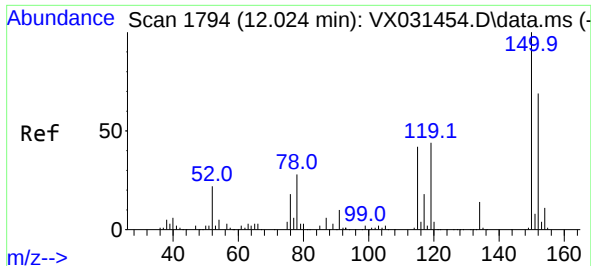
Tgt Ion: 95 Resp: 89066
Ion Ratio Lower Upper
95 100
174 93.0 0.0 153.2
176 90.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Tgt Ion: 117 Resp: 114488
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 34.2 26.4 39.6

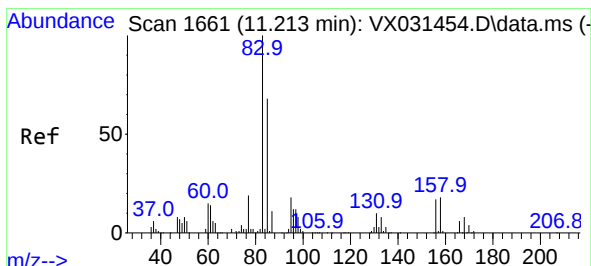
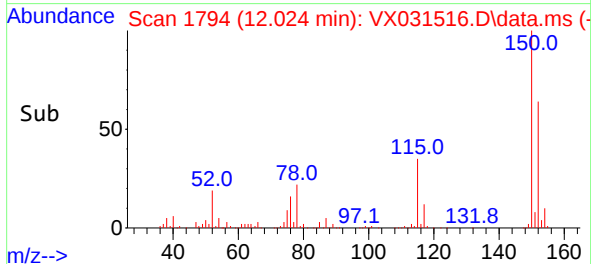
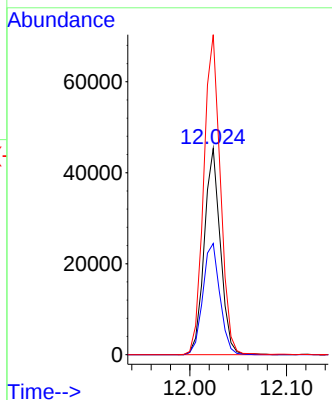
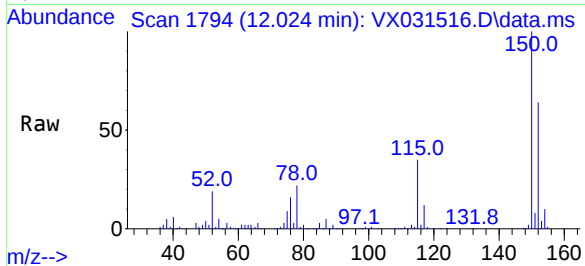




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

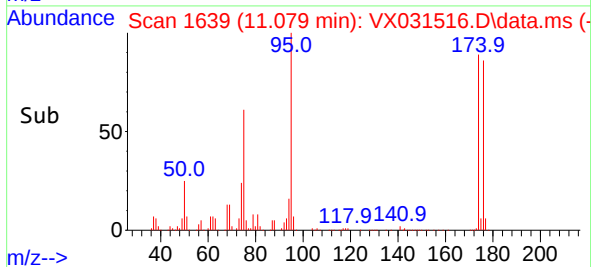
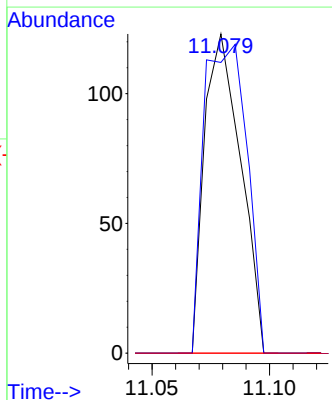
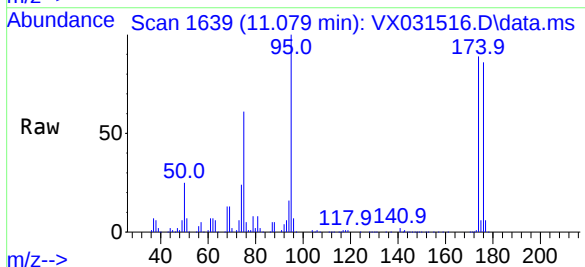
Instrument :
MSVOA_X
ClientSampleId :

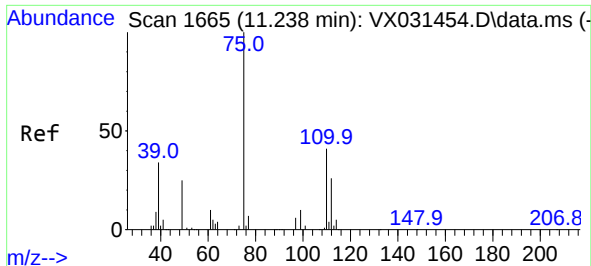
Tgt Ion:152 Resp: 52570
Ion Ratio Lower Upper
152 100
115 57.3 43.4 130.1
150 160.7 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Tgt Ion: 83 Resp: 132
Ion Ratio Lower Upper
83 100
131 115.2 5.1 15.4#
85 0.0 32.6 97.8#

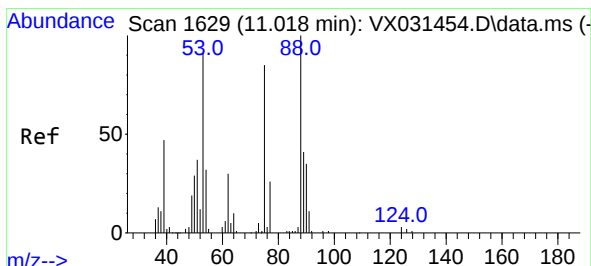
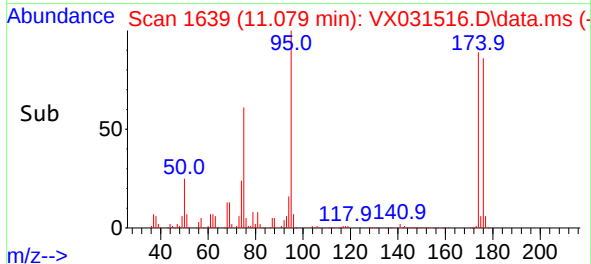
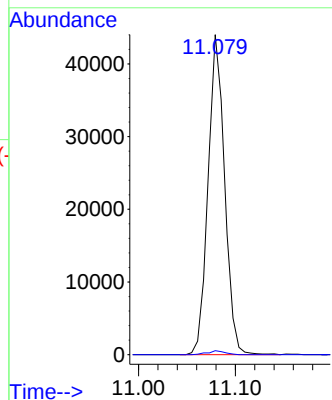
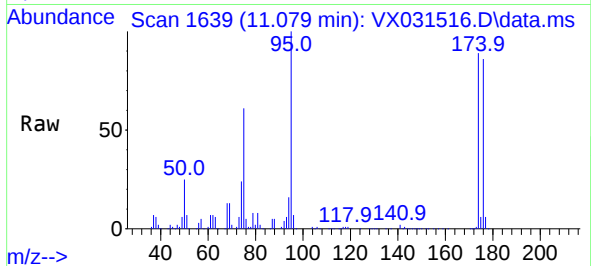




#76
1,2,3-Trichloropropane
Concen: 44.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52491
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031516.D
Acq: 21 Sep 2022 11:59

Tgt Ion: 75 Resp: 52491
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

