

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031590.D
 Acq On : 23 Sep 2022 00:14
 Operator : JC/MD
 Sample : VX0922WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBL02

Quant Time: Sep 23 01:52:43 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)

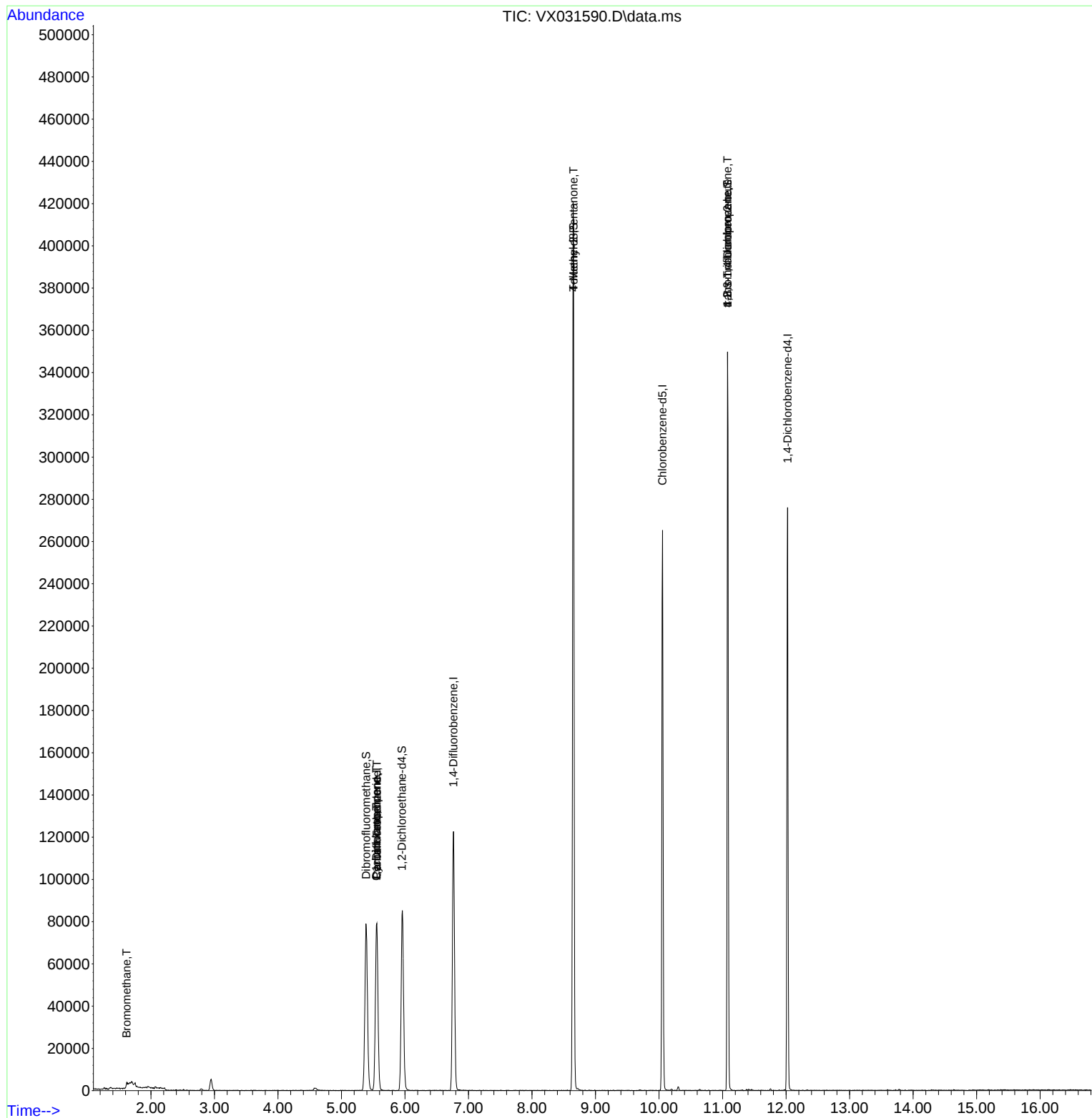
Internal Standards						
1) Pentafluorobenzene	5.556	168	77680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74553	52.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.560%	
35) Dibromofluoromethane	5.385	113	63121	48.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.260%	
50) Toluene-d8	8.653	98	245616	48.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	11.079	95	76391	44.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	568	0.236	ug/l	81
6) Chloroethane	1.685	64	256	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	3089	Below Cal	#	73
16) Acetone	2.404	43	211	Below Cal	#	45
20) Methylene Chloride	2.788	84	426	Below Cal	#	69
31) Cyclohexane	5.550	56	1997	0.945	ug/l #	60
36) 1,1-Dichloropropene	5.550	75	6287	3.119	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7570	3.388	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1278	0.538	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	134	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	44754	37.024	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44754	119.213	ug/l #	11
94) Hexachlorobutadiene	13.725	225	71	Below Cal	#	19

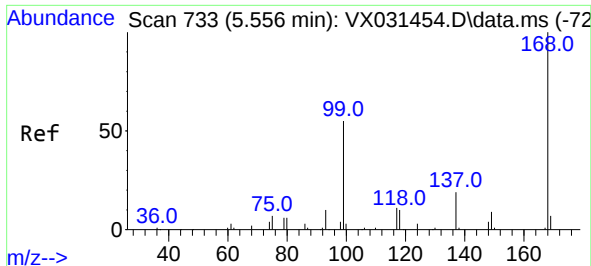
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 01:52:43 2022
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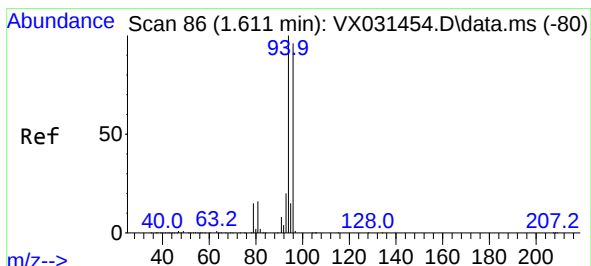
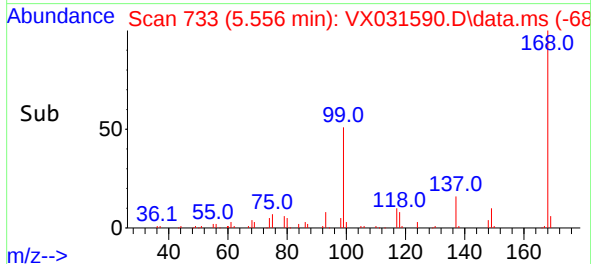
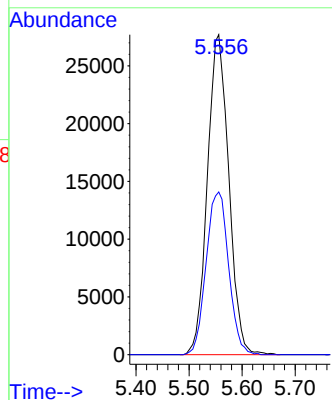
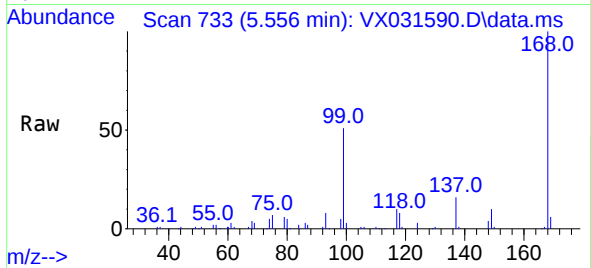




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

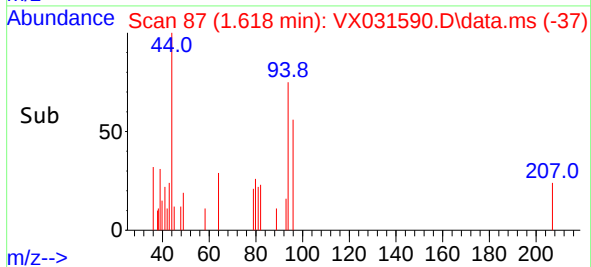
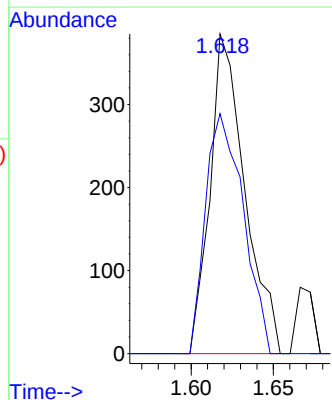
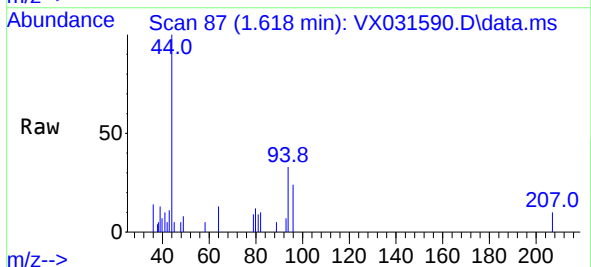
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

Tgt Ion:168 Resp: 77680
Ion Ratio Lower Upper
168 100
99 50.8 48.8 73.2

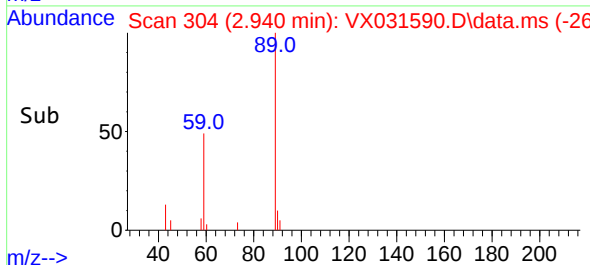
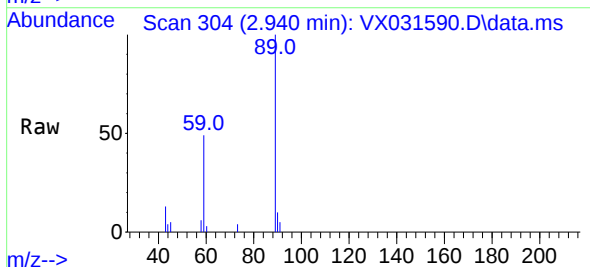
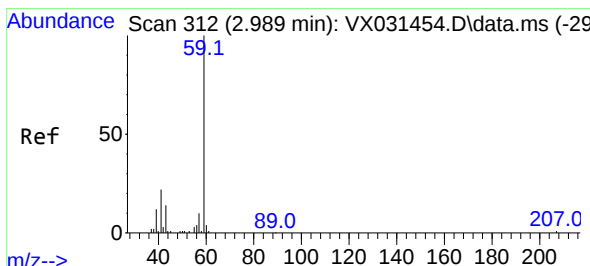
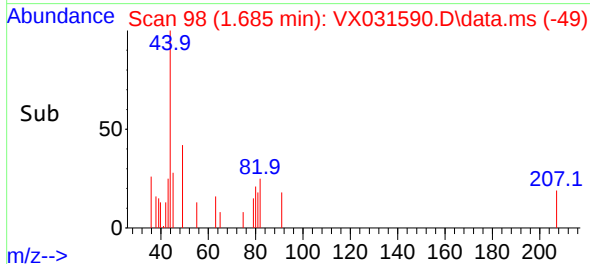
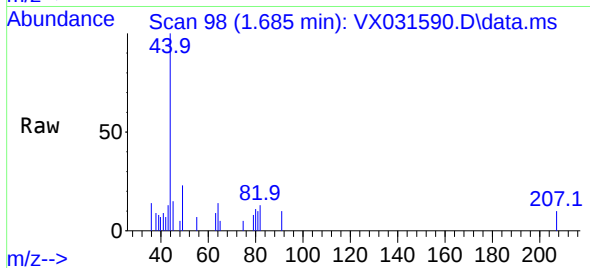
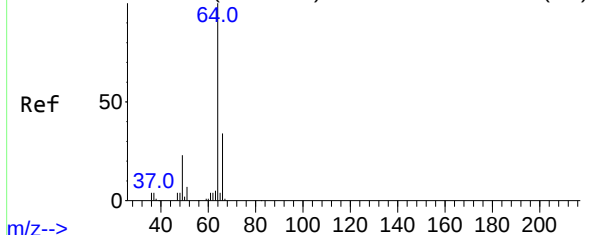


#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Tgt Ion: 94 Resp: 568
Ion Ratio Lower Upper
94 100
96 75.1 74.4 111.6



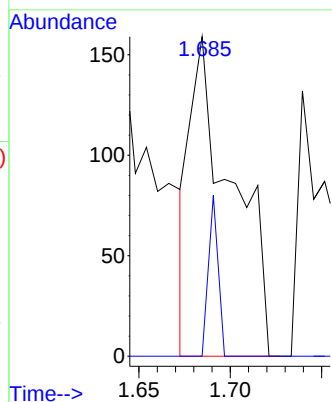
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

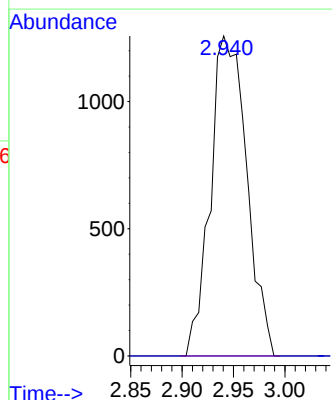
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

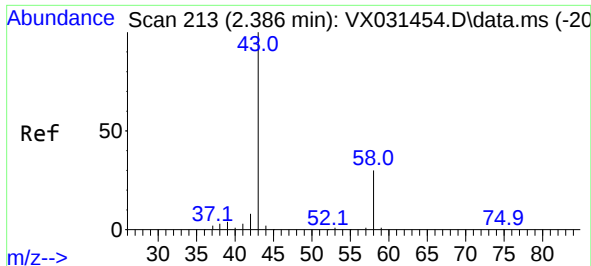
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Tgt Ion: 59 Resp: 3089
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

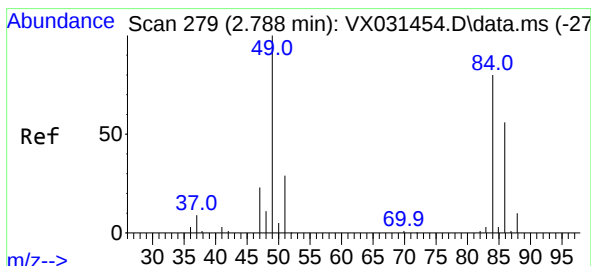
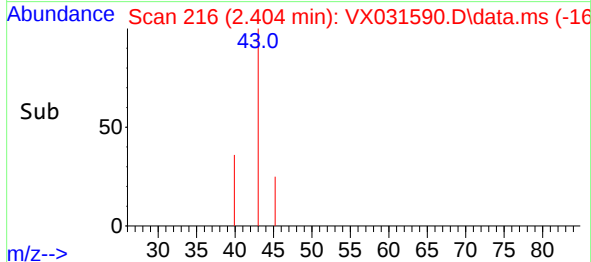
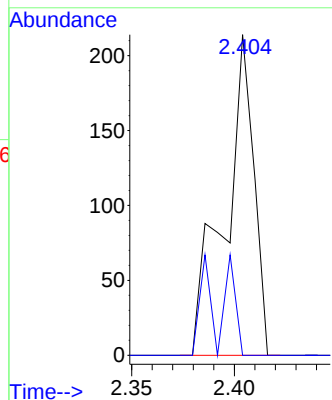
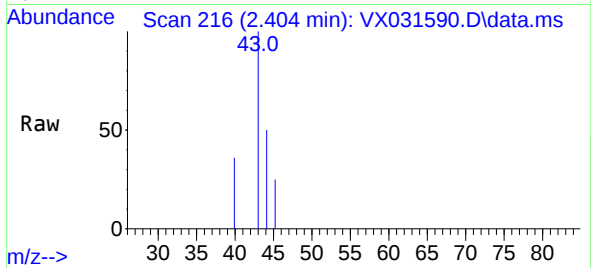




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 213
Delta R.T. 0.018 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

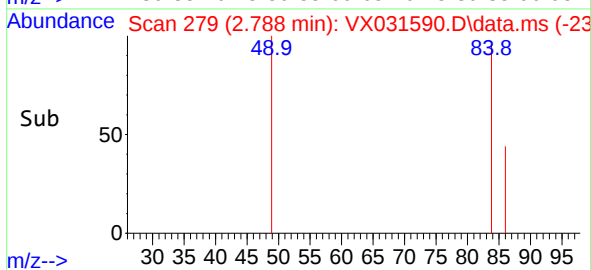
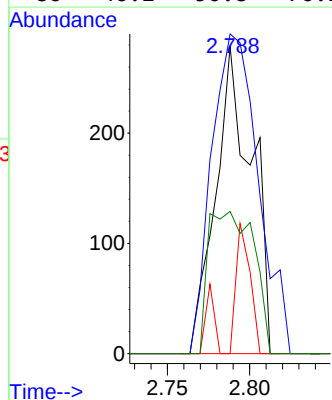
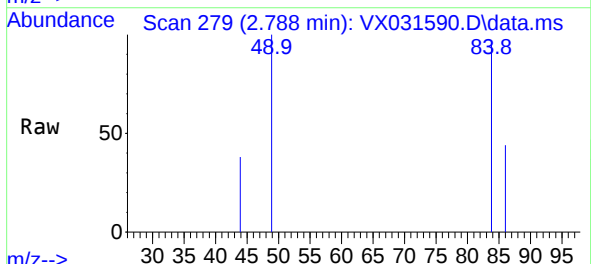
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

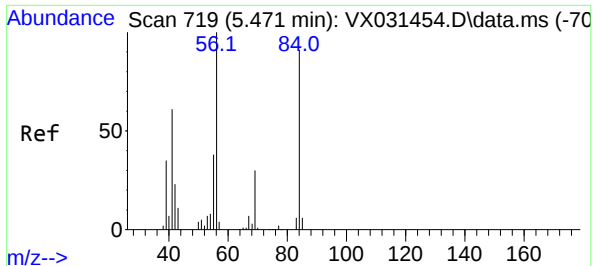
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

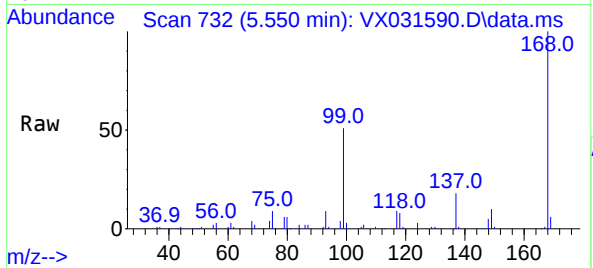
Tgt Ion: 84 Resp: 426
Ion Ratio Lower Upper
84 100
49 103.9 105.9 158.9#
51 0.0 32.2 48.2#
86 46.2 50.8 76.2#



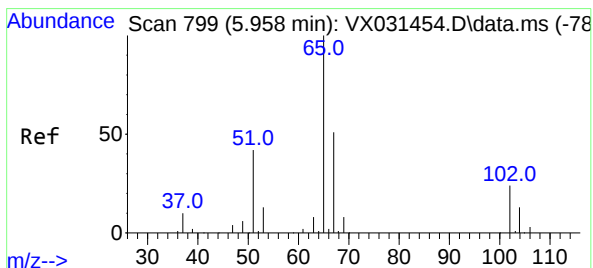
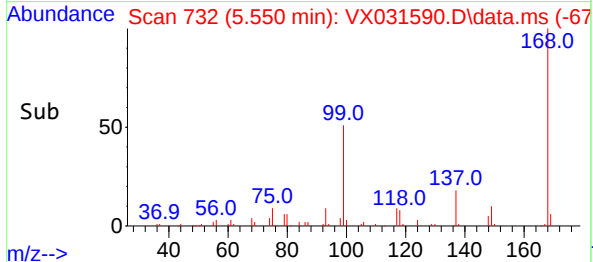
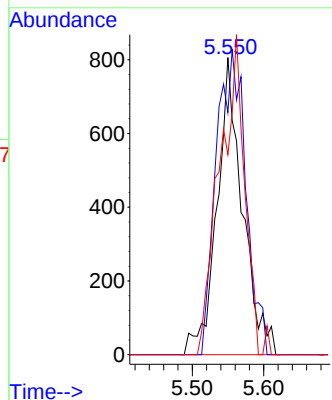


#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

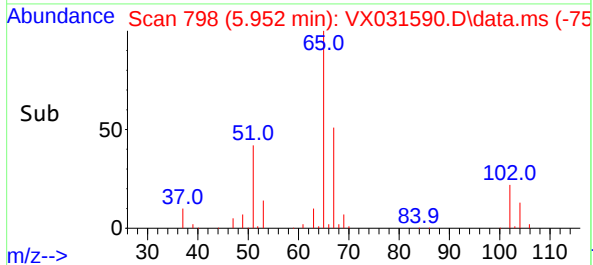
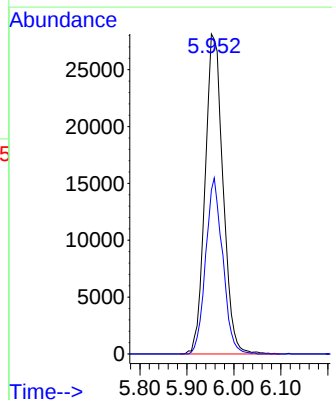
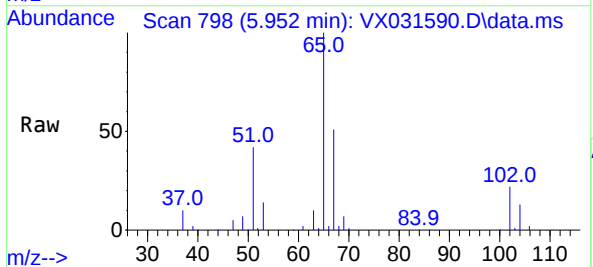


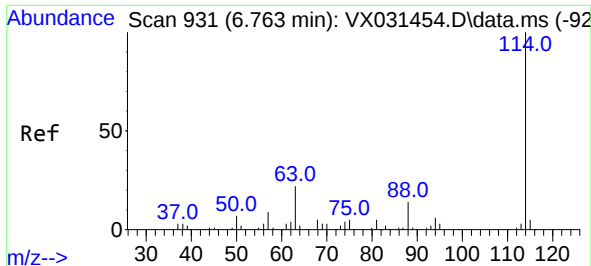
Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
69 81.5 25.1 37.7#
84 67.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.284 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Tgt Ion: 65 Resp: 74553
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

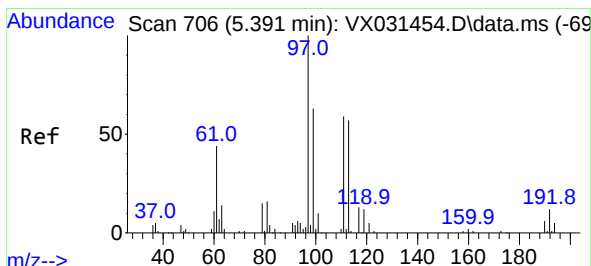
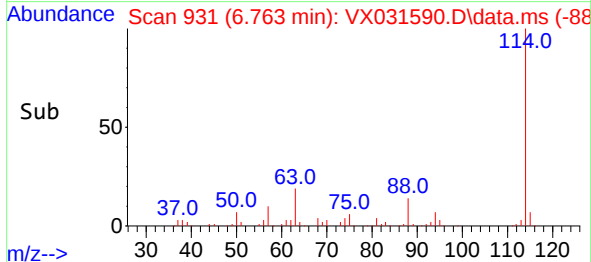
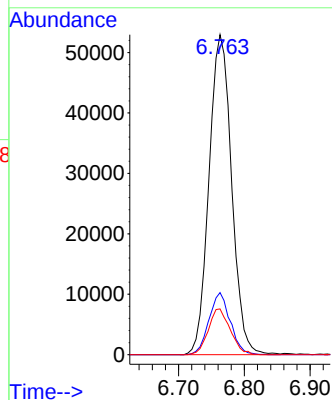
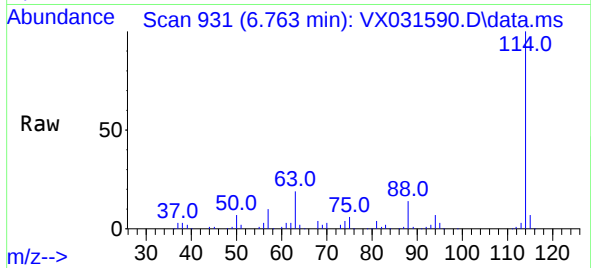




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

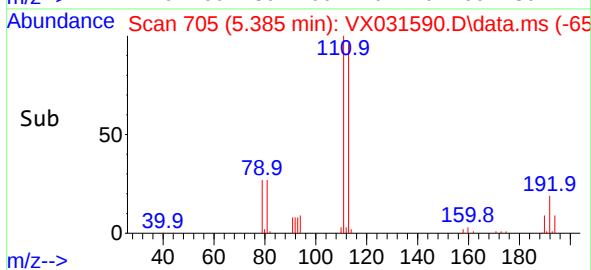
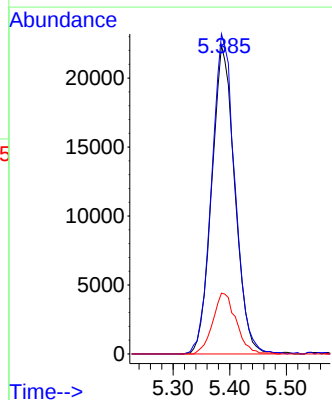
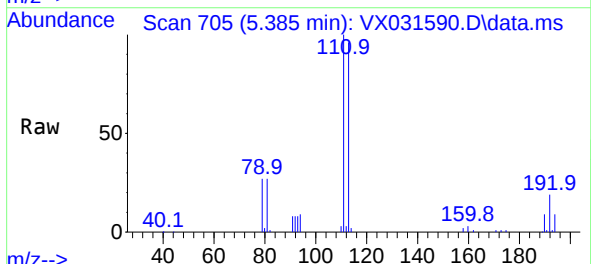
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

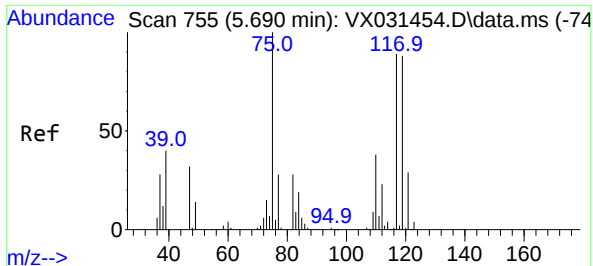
Tgt Ion:114 Resp: 126816
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.128 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Tgt Ion:113 Resp: 63121
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 20.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.119 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031590.D

Acq: 23 Sep 2022 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBL02

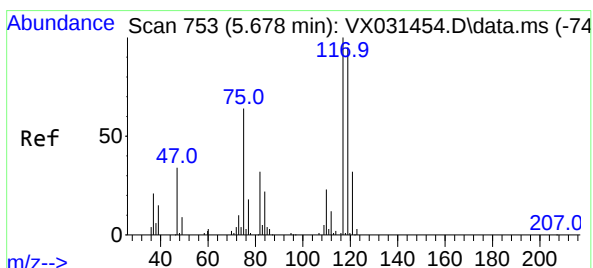
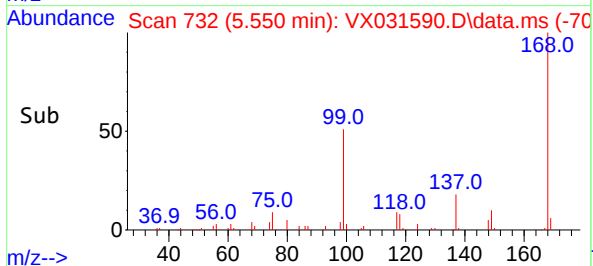
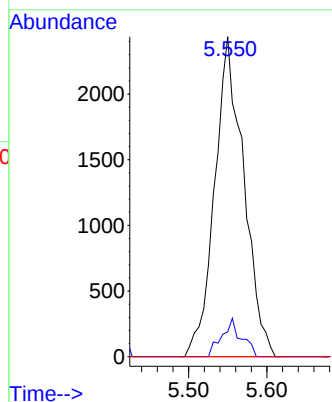
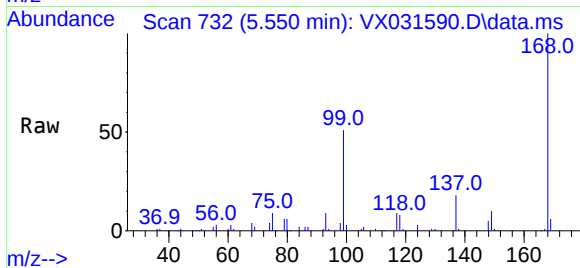
Tgt Ion: 75 Resp: 6287

Ion Ratio Lower Upper

75 100

110 8.0 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.388 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031590.D

Acq: 23 Sep 2022 00:14

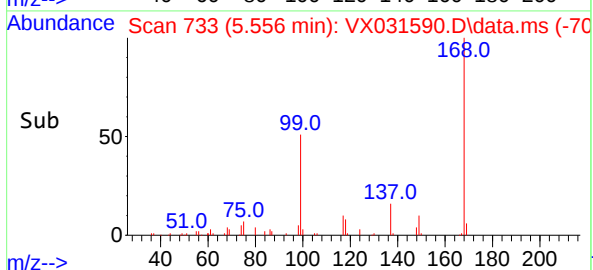
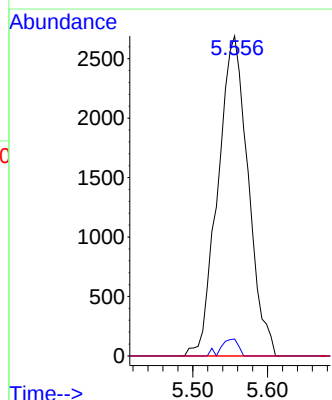
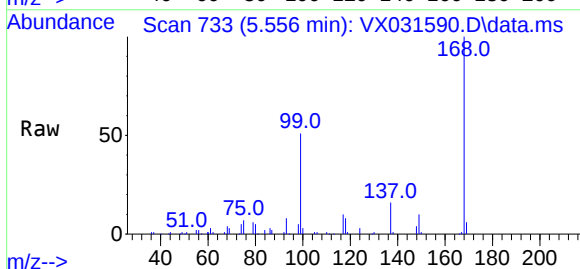
Tgt Ion: 117 Resp: 7570

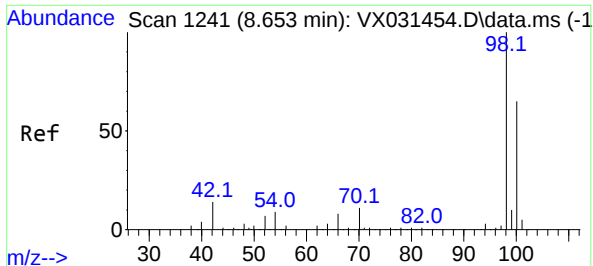
Ion Ratio Lower Upper

117 100

119 5.3 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.613 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031590.D

Acq: 23 Sep 2022 00:14

Instrument :

MSVOA_X

ClientSampleId :

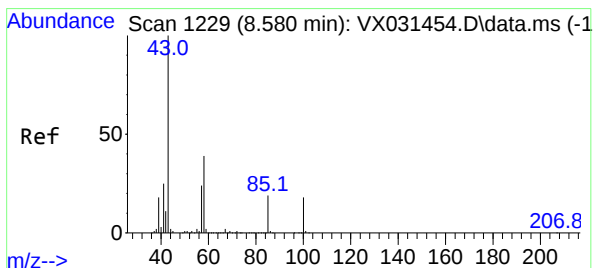
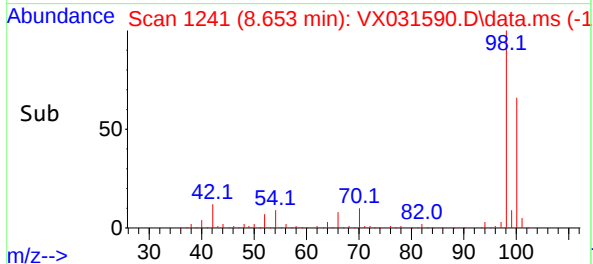
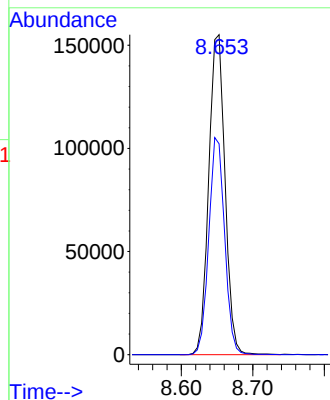
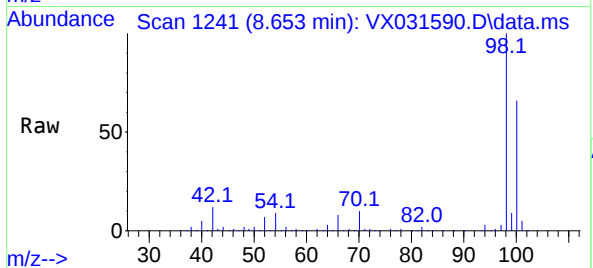
VX0922WBL02

Tgt Ion: 98 Resp: 245616

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.538 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031590.D

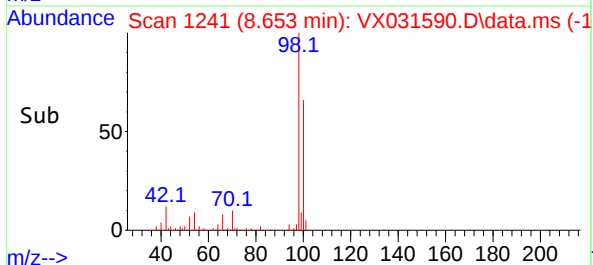
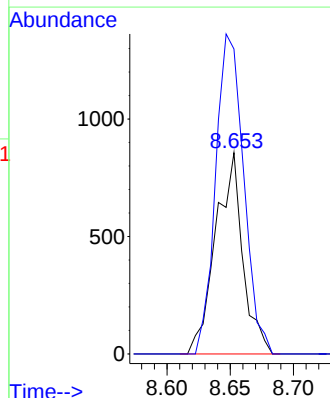
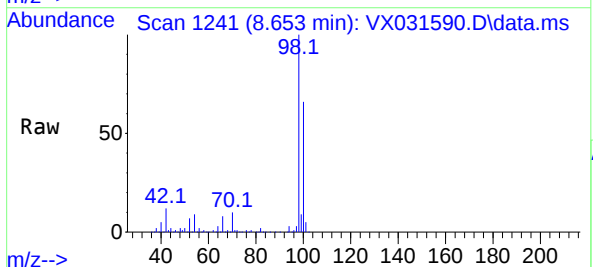
Acq: 23 Sep 2022 00:14

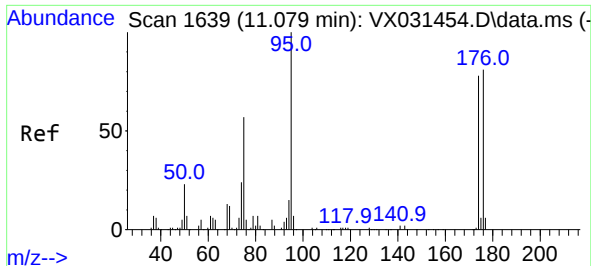
Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

58 164.3 30.6 46.0#

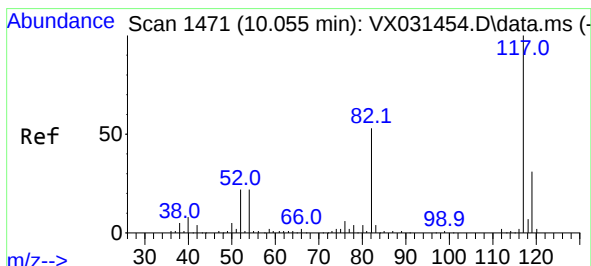
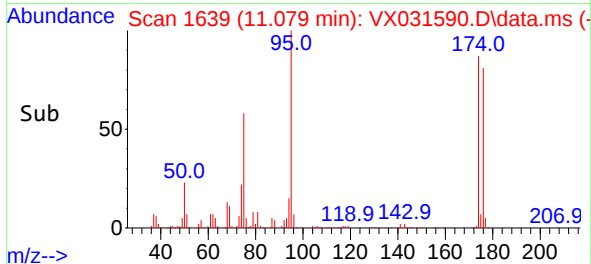
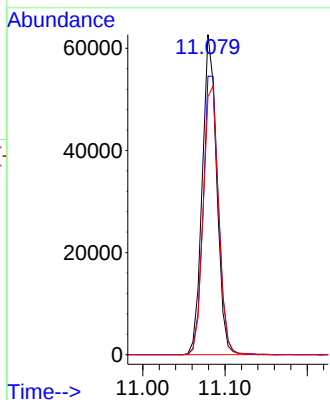
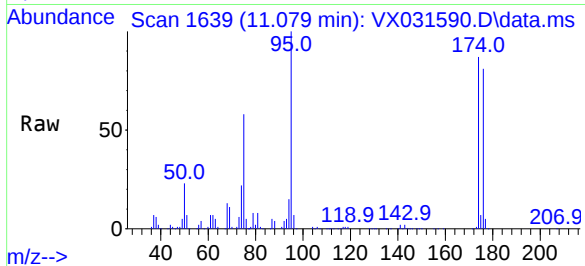




#62
4-Bromofluorobenzene
Concen: 44.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

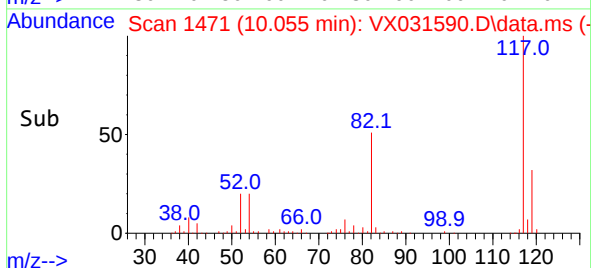
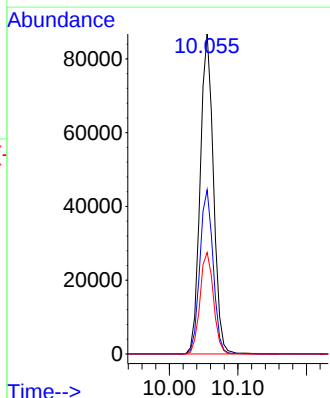
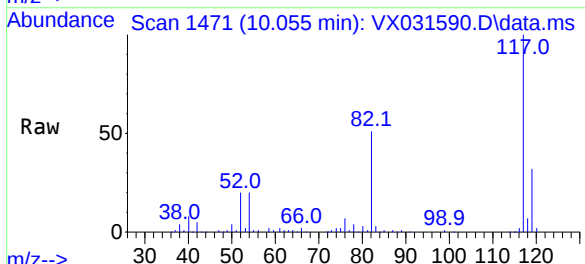
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

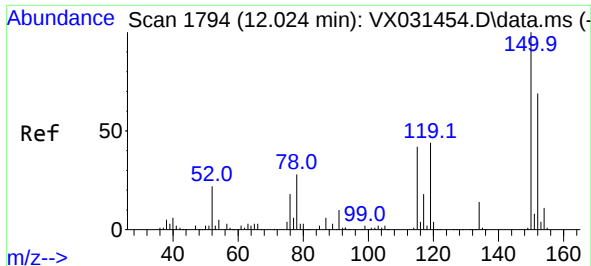
Tgt Ion:	95	Resp:	76391
Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	153.2
176	88.8	0.0	144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Tgt Ion:	117	Resp:	116874
Ion	Ratio	Lower	Upper
117	100		
82	51.3	46.8	70.2
119	31.7	26.4	39.6

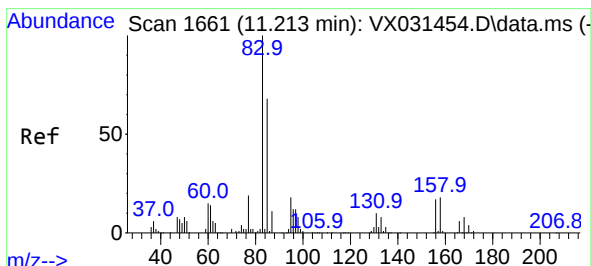
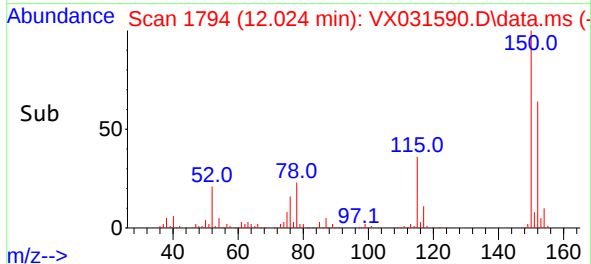
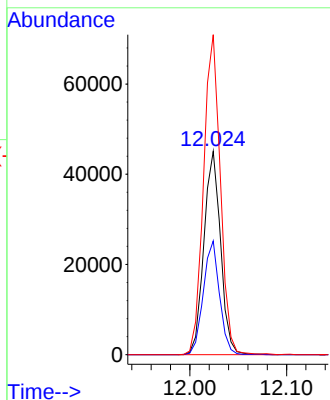
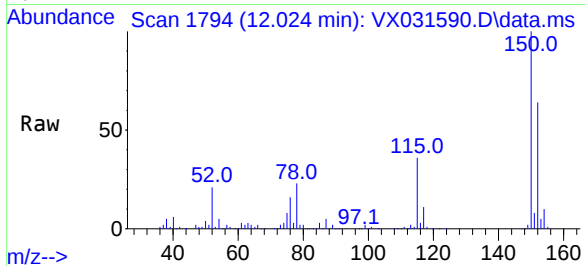




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

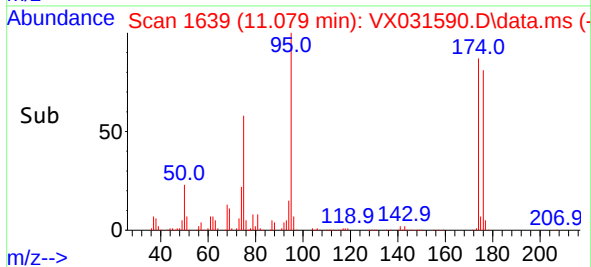
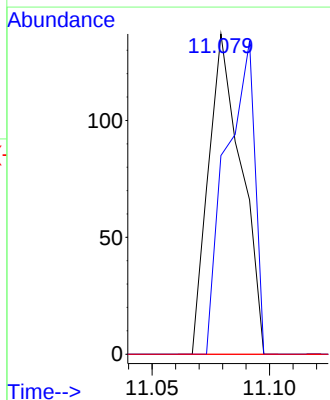
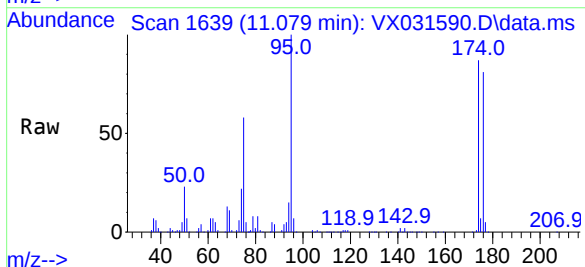
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

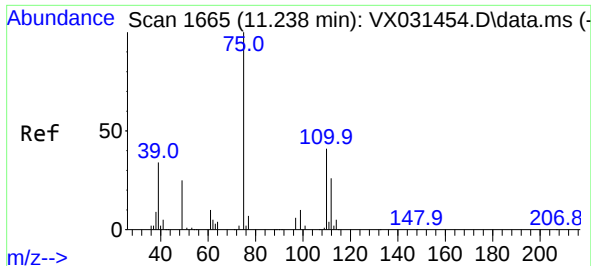
Tgt Ion:152 Resp: 54159
Ion Ratio Lower Upper
152 100
115 54.5 43.4 130.1
150 158.7 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Tgt Ion: 83 Resp: 134
Ion Ratio Lower Upper
83 100
131 85.8 5.1 15.4#
85 0.0 32.6 97.8#

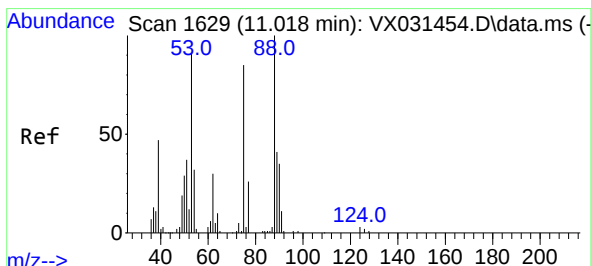
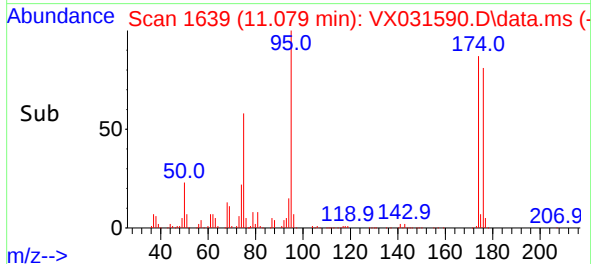
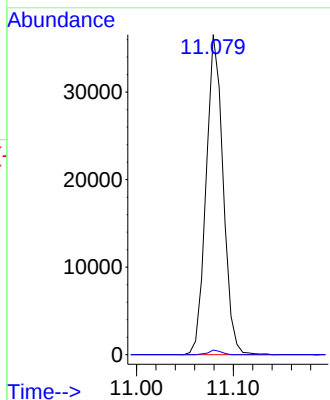
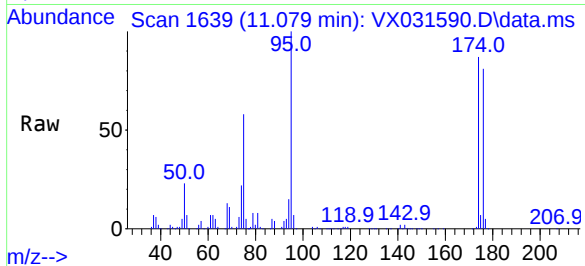




#76
1,2,3-Trichloropropane
Concen: 37.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

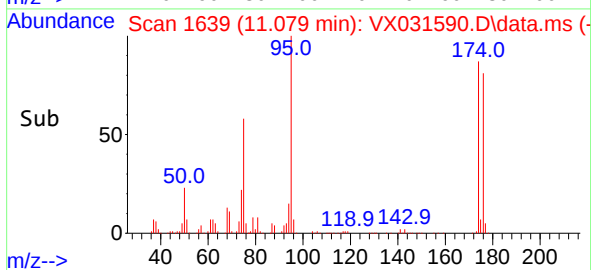
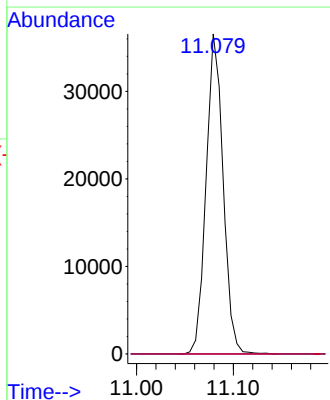
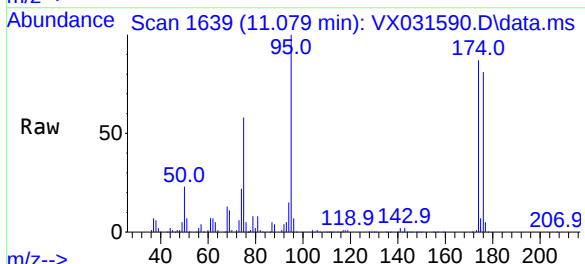
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02

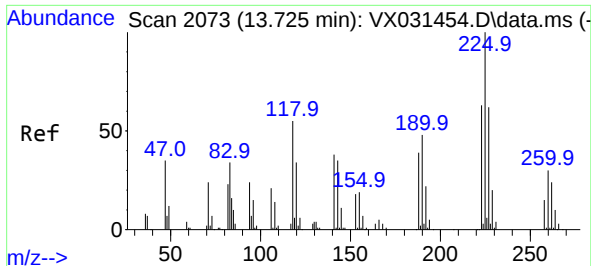
Tgt Ion: 75 Resp: 44754
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

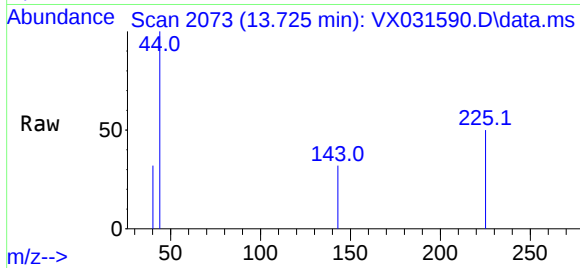
Tgt Ion: 75 Resp: 44754
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX031590.D
Acq: 23 Sep 2022 00:14

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL02



Tgt Ion:225 Resp: 71
Ion Ratio Lower Upper
225 100
223 0.0 30.8 92.4#
227 0.0 32.3 96.9#

