

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032942.D
 Acq On : 21 Nov 2022 11:14
 Operator : JC/MD
 Sample : VX1121WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 05:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

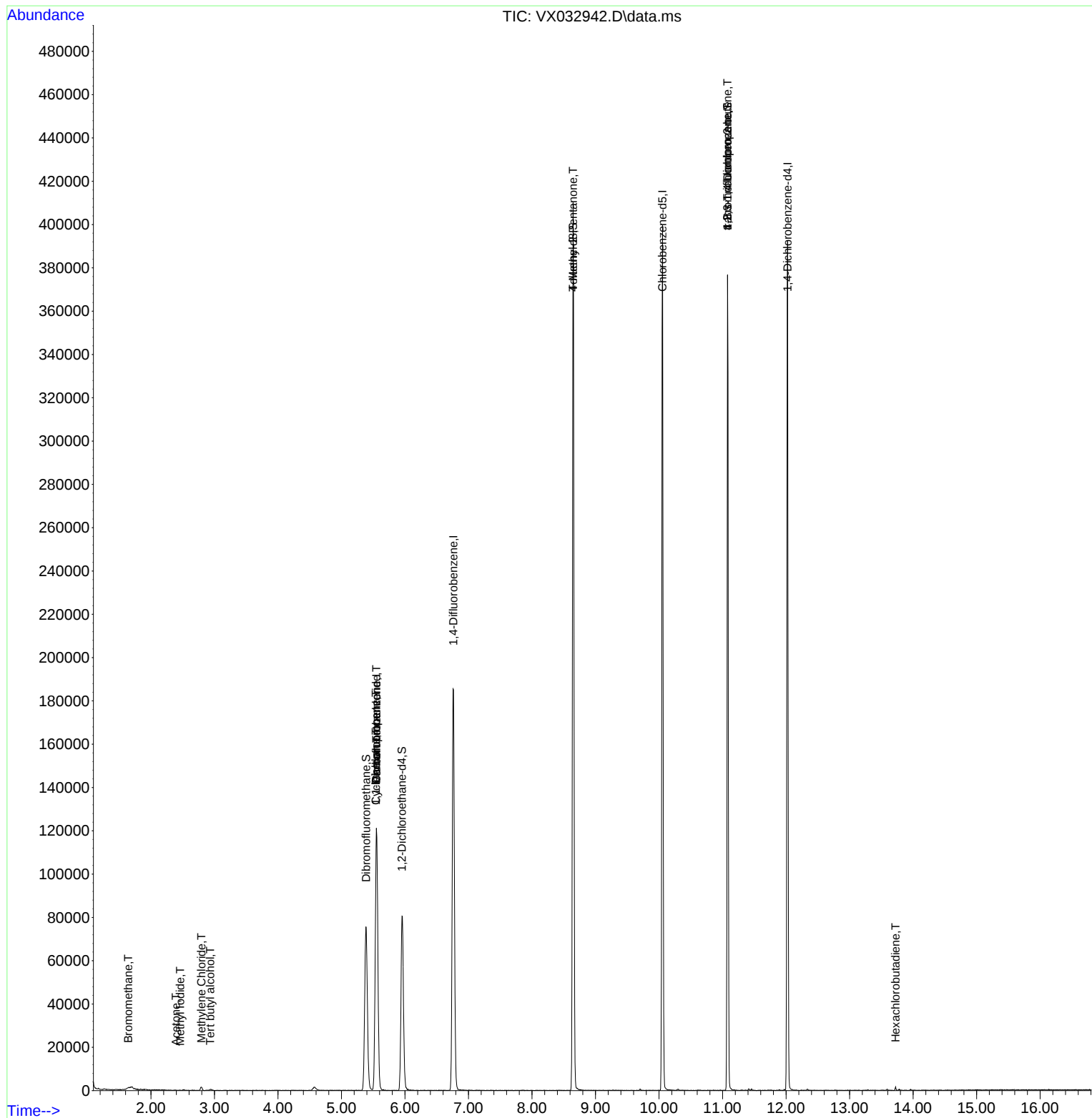
Internal Standards						
1) Pentafluorobenzene	5.549	168	116855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82239	50.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.300%
35) Dibromofluoromethane	5.385	113	65889	47.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.646	98	239093	49.907	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	92052	49.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	224	0.223	ug/l #	1
10) Methyl Iodide	2.459	142	94	1.981	ug/l #	37
11) Tert butyl alcohol	2.934	59	416	1.760	ug/l #	72
16) Acetone	2.391	43	178	0.302	ug/l #	45
20) Methylene Chloride	2.794	84	788	0.582	ug/l #	86
31) Cyclohexane	5.543	56	1323	0.672	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	8673	4.520	ug/l #	50
38) Carbon Tetrachloride	5.549	117	11537	5.422	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1099	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49774	27.430	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49774	87.283	ug/l #	6
94) Hexachlorobutadiene	13.725	225	302	0.376	ug/l	90

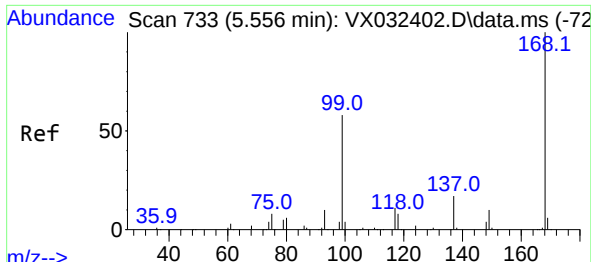
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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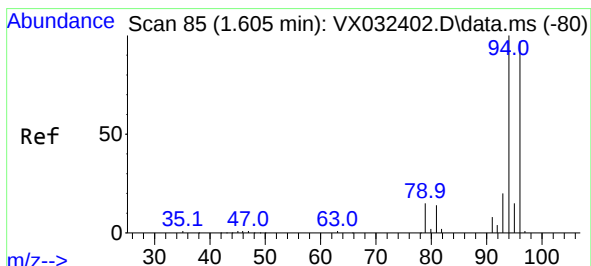
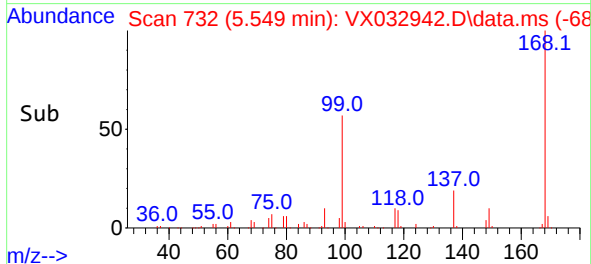
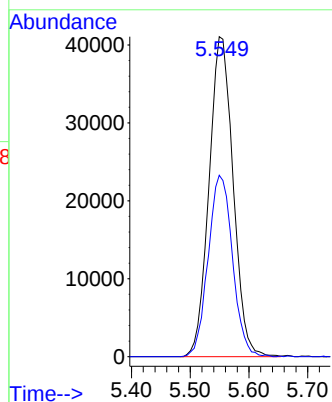
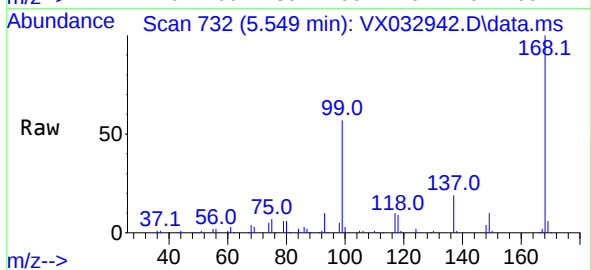




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

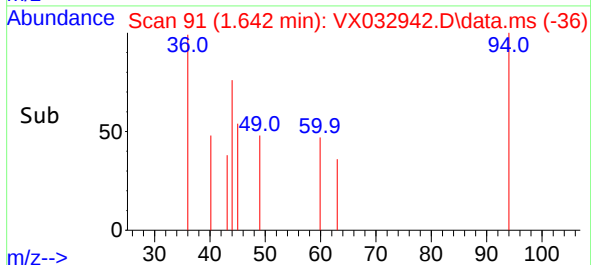
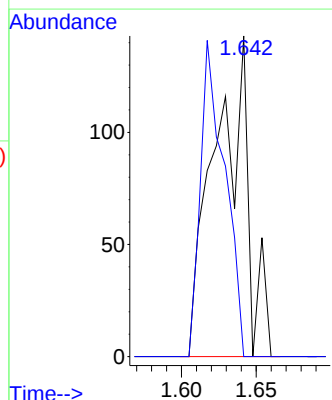
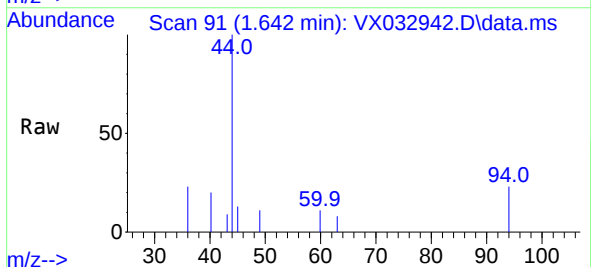
Instrument :
MSVOA_X
ClientSampleId :

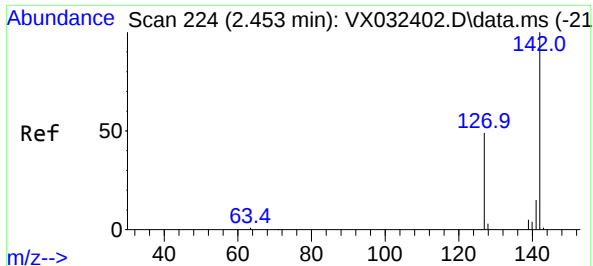
Tgt Ion:168 Resp: 116855
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.036 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

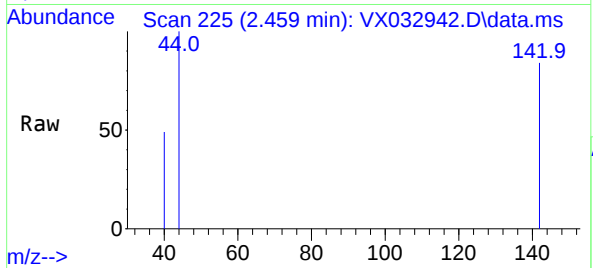
Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



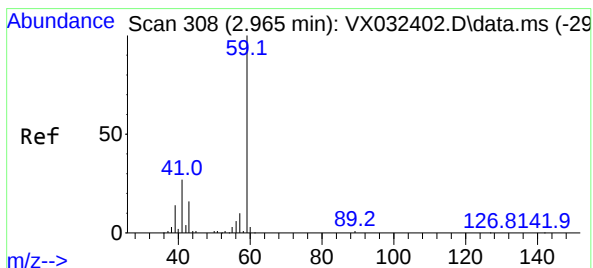
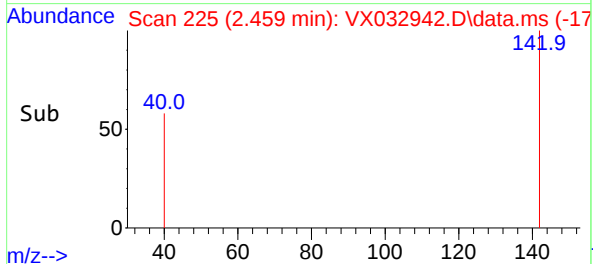
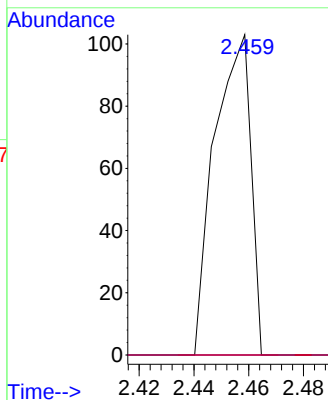


#10
Methyl Iodide
Concen: 1.981 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :

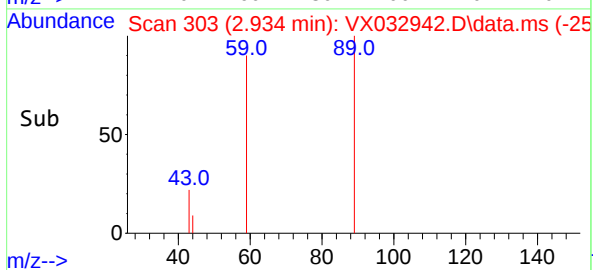
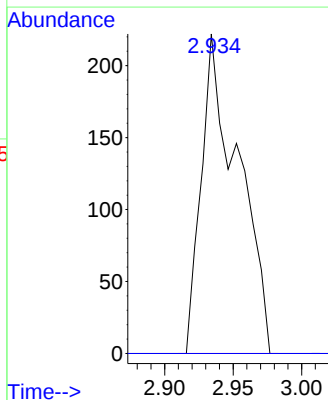
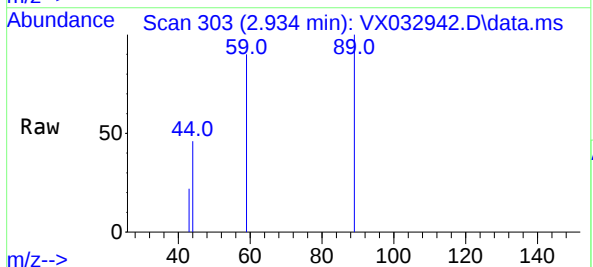


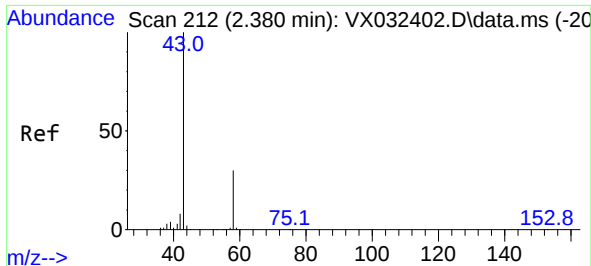
Tgt Ion:142 Resp: 94
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.760 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.031 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

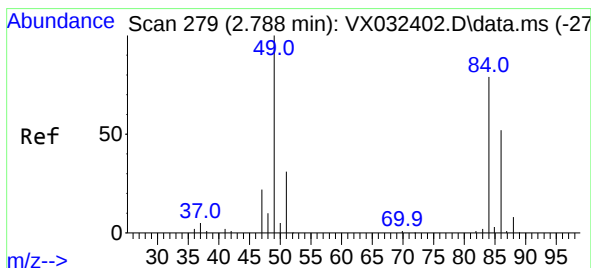
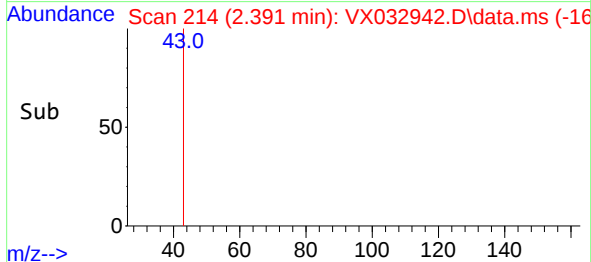
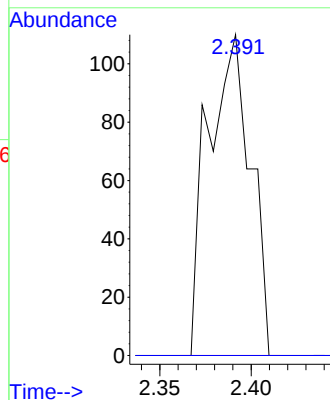
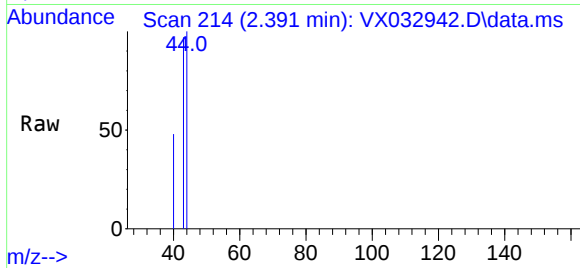




#16
Acetone
Concen: 0.302 ug/l
RT: 2.391 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

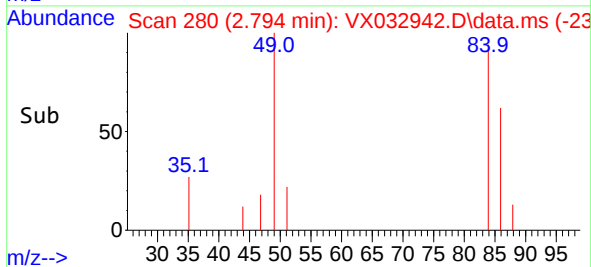
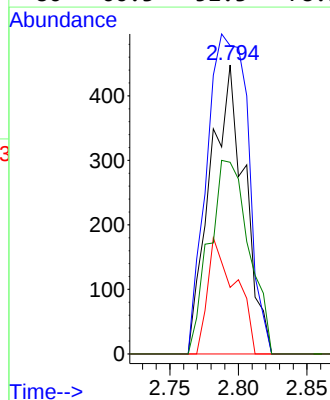
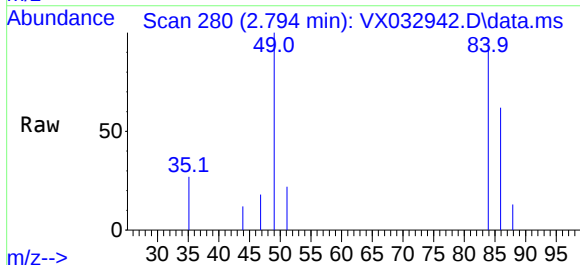
Instrument :
MSVOA_X
ClientSampleId :

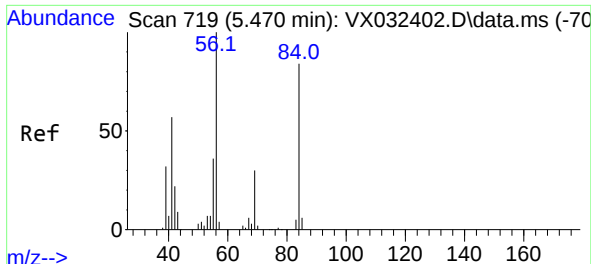
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

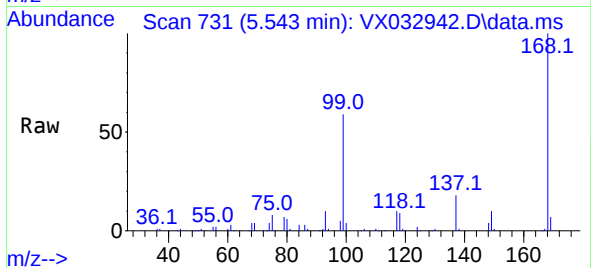
Tgt Ion: 84 Resp: 788
Ion Ratio Lower Upper
84 100
49 106.7 101.0 151.6
51 23.0 31.1 46.7#
86 66.3 52.3 78.5



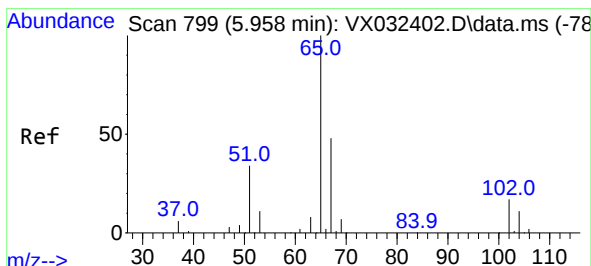
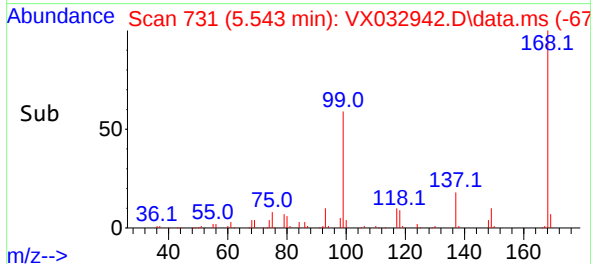
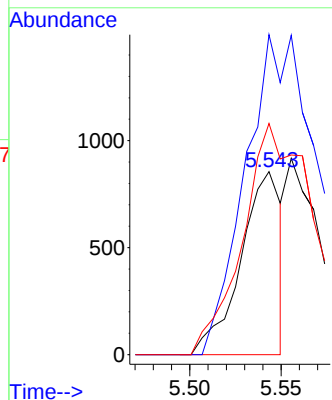


#31
Cyclohexane
Concen: 0.672 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :

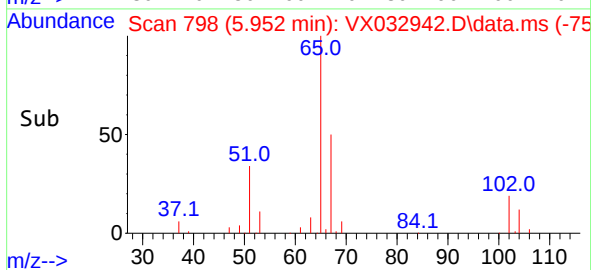
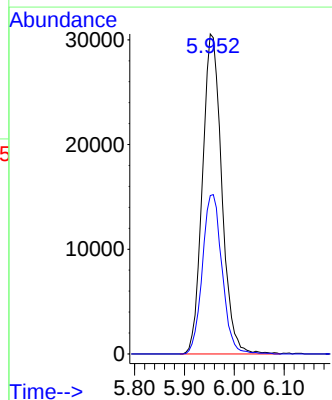
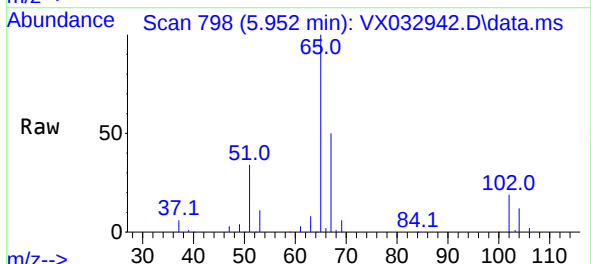


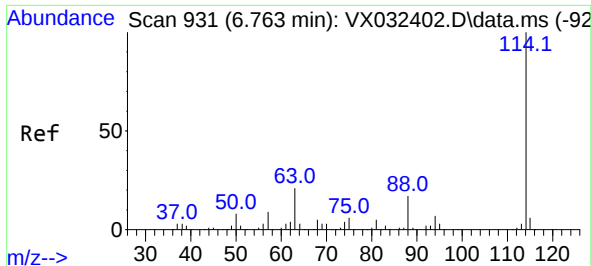
Tgt Ion: 56 Resp: 1323
Ion Ratio Lower Upper
56 100
69 174.9 24.1 36.1#
84 126.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.650 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

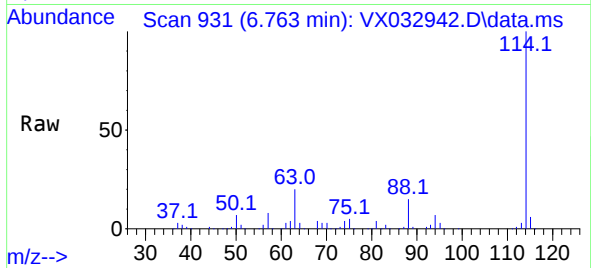
Tgt Ion: 65 Resp: 82239
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



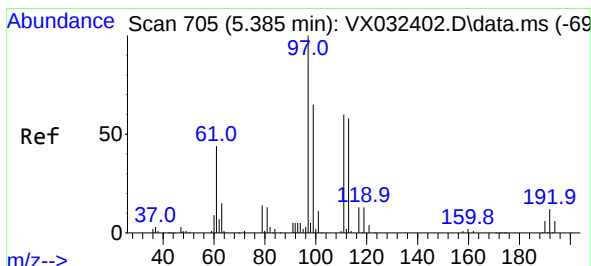
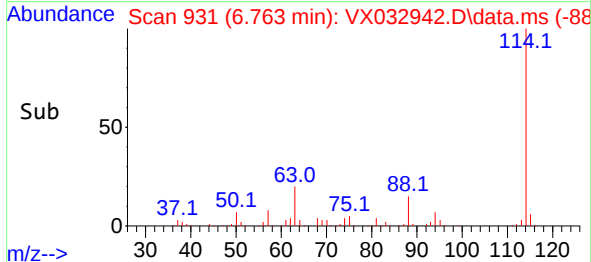
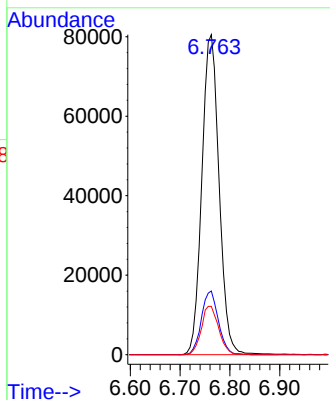


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :

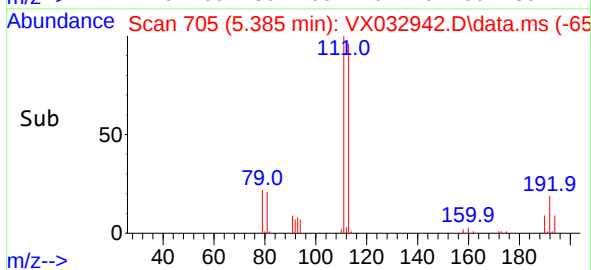
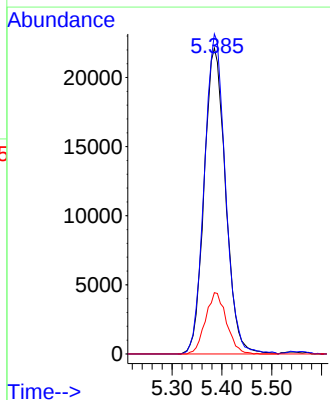
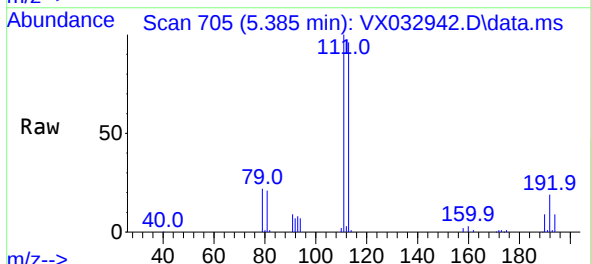


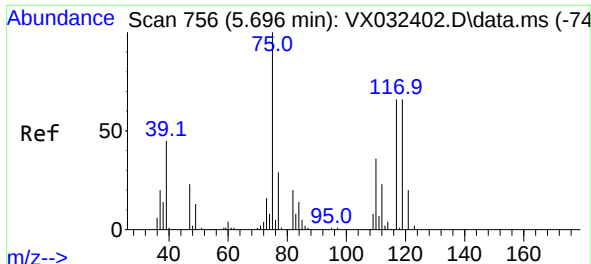
Tgt Ion:114 Resp: 193151
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

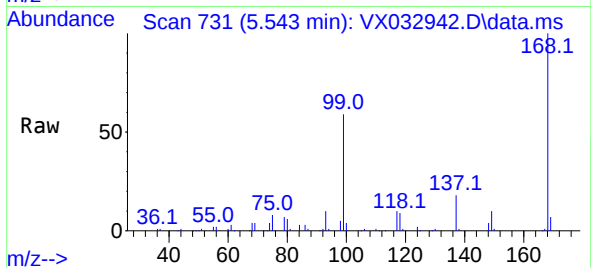
Tgt Ion:113 Resp: 65889
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.6 15.4 23.2



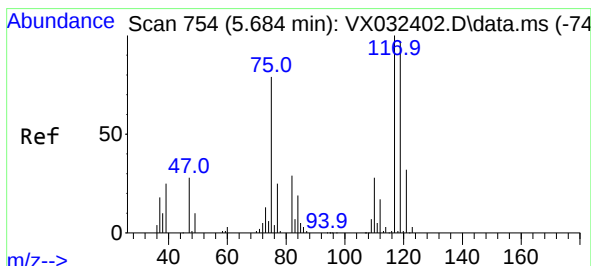
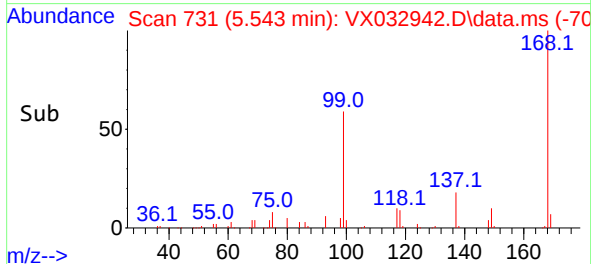
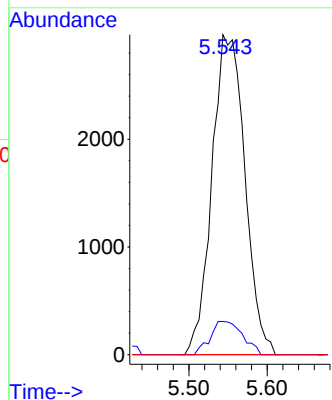


#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :

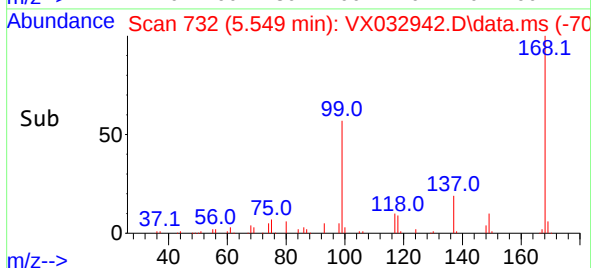
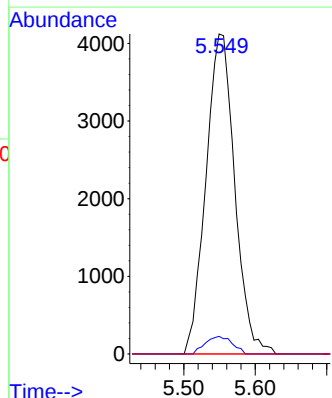
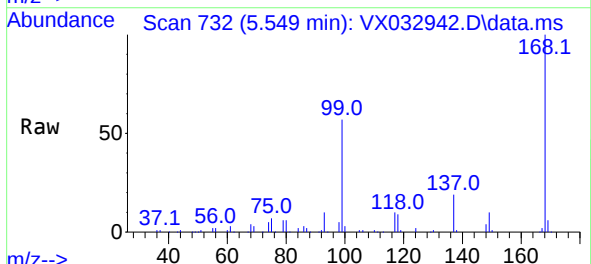


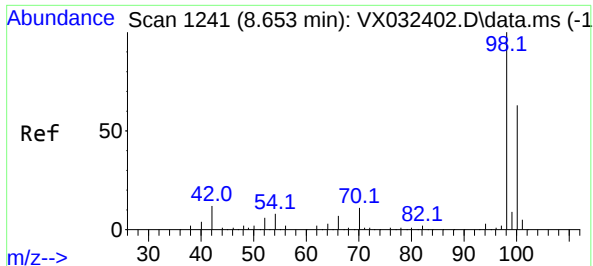
Tgt Ion: 75 Resp: 8673
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Tgt Ion: 117 Resp: 11537
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#

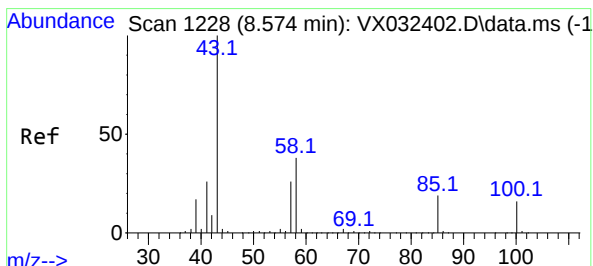
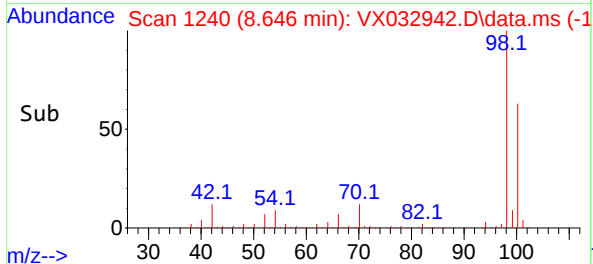
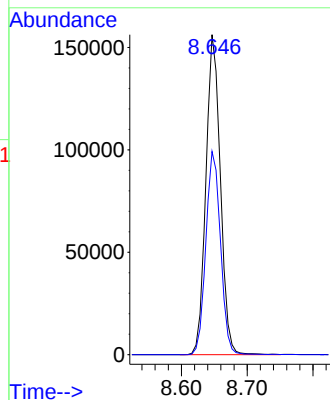
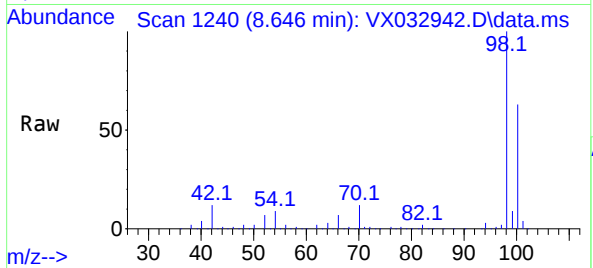




#50
Toluene-d8
Concen: 49.907 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

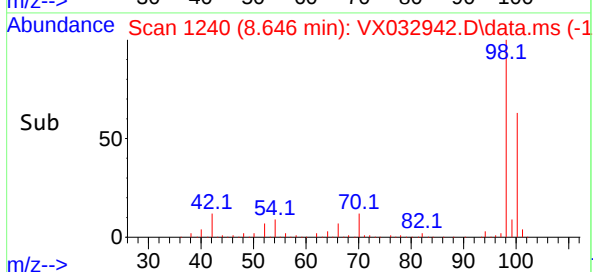
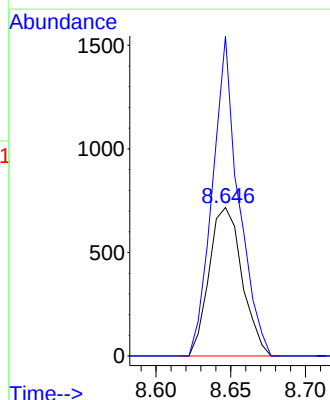
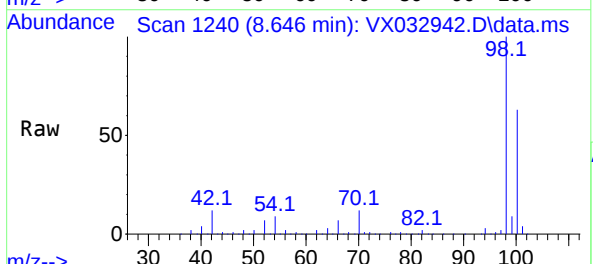
Instrument :
MSVOA_X
ClientSampleId :

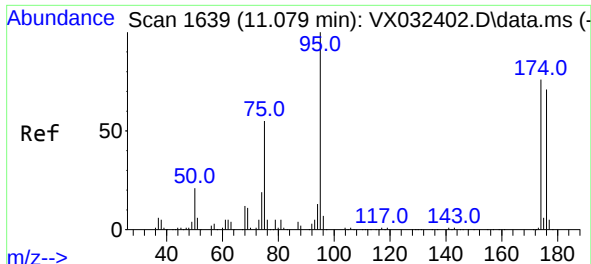
Tgt Ion: 98 Resp: 239093
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 171.2 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 49.189 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032942.D

Acq: 21 Nov 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

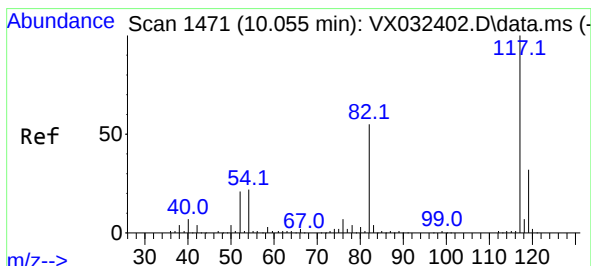
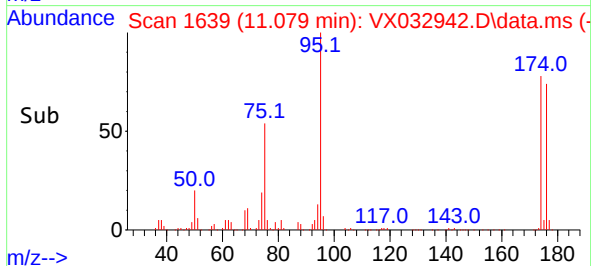
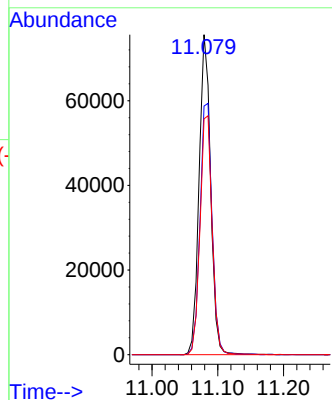
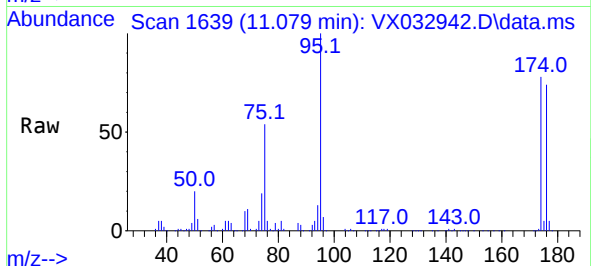
Tgt Ion: 95 Resp: 92052

Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 78.8 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032942.D

Acq: 21 Nov 2022 11:14

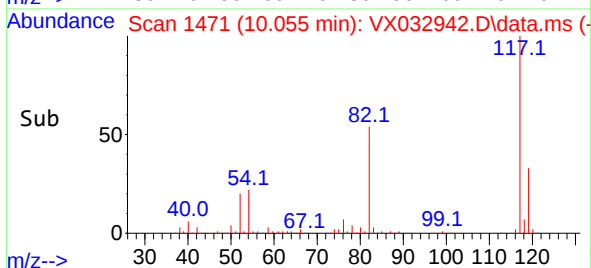
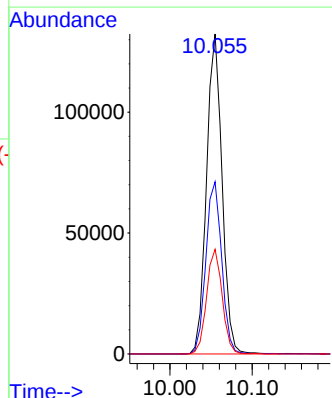
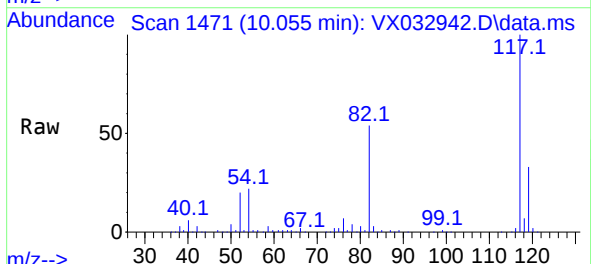
Tgt Ion: 117 Resp: 173788

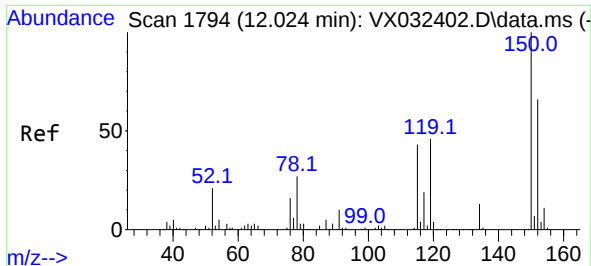
Ion Ratio Lower Upper

117 100

82 53.8 44.3 66.5

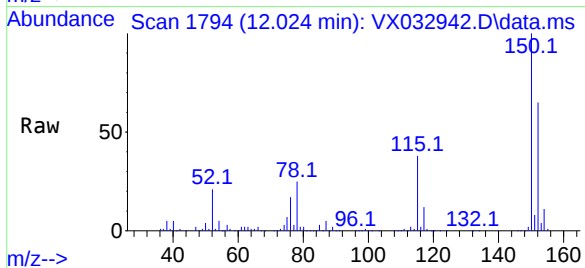
119 32.7 25.7 38.5



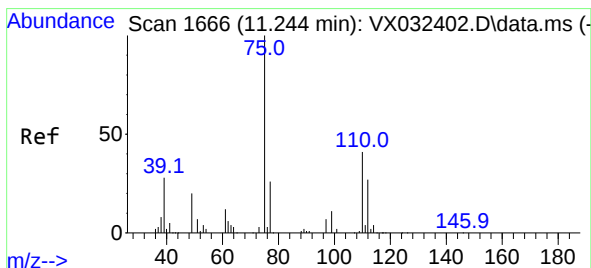
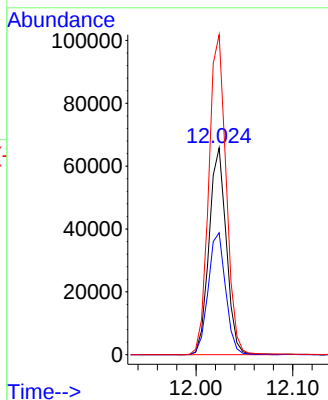
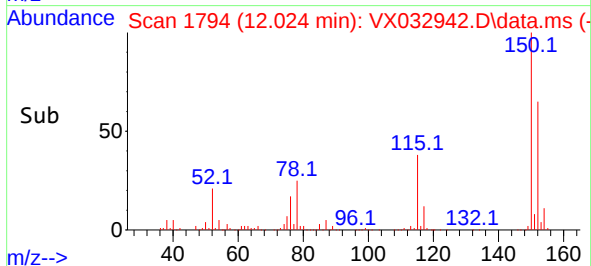


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :

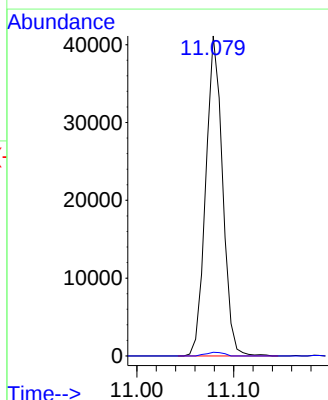
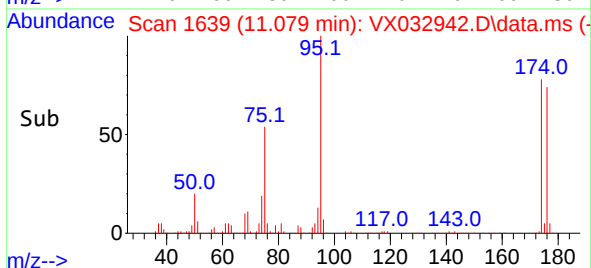
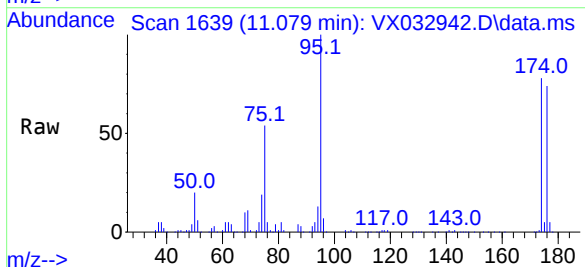


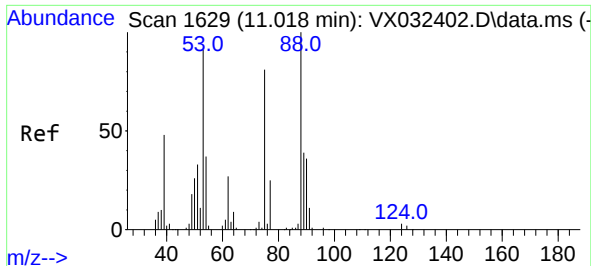
Tgt Ion:152 Resp: 81563
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 156.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

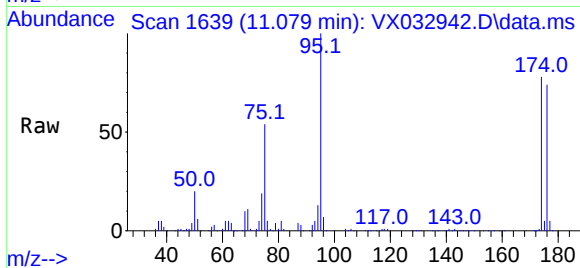
Tgt Ion: 75 Resp: 49774
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



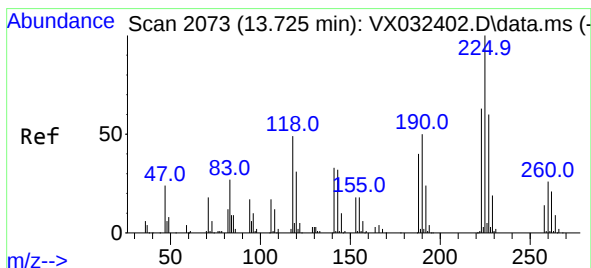
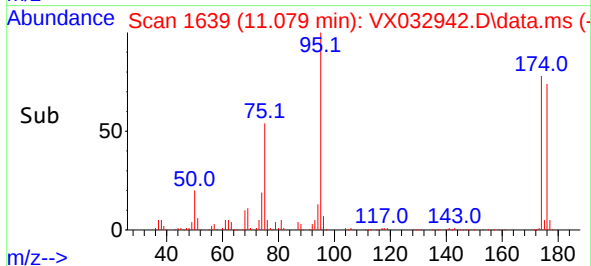
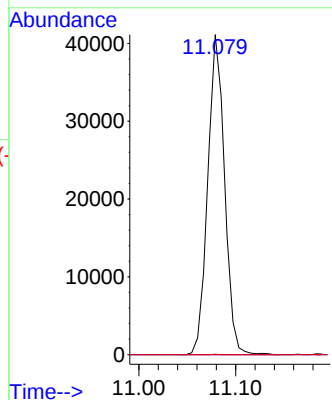


#81
trans-1,4-Dichloro-2-butene
Concen: 87.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 49774
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.376 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032942.D
Acq: 21 Nov 2022 11:14

Tgt Ion: 225 Resp: 302
Ion Ratio Lower Upper
225 100
223 54.0 31.9 95.9
227 57.6 31.9 95.5

