

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032838.D
 Acq On : 16 Nov 2022 02:20
 Operator : JC/MD
 Sample : VX1115WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBL02

Quant Time: Nov 16 03:36:47 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)

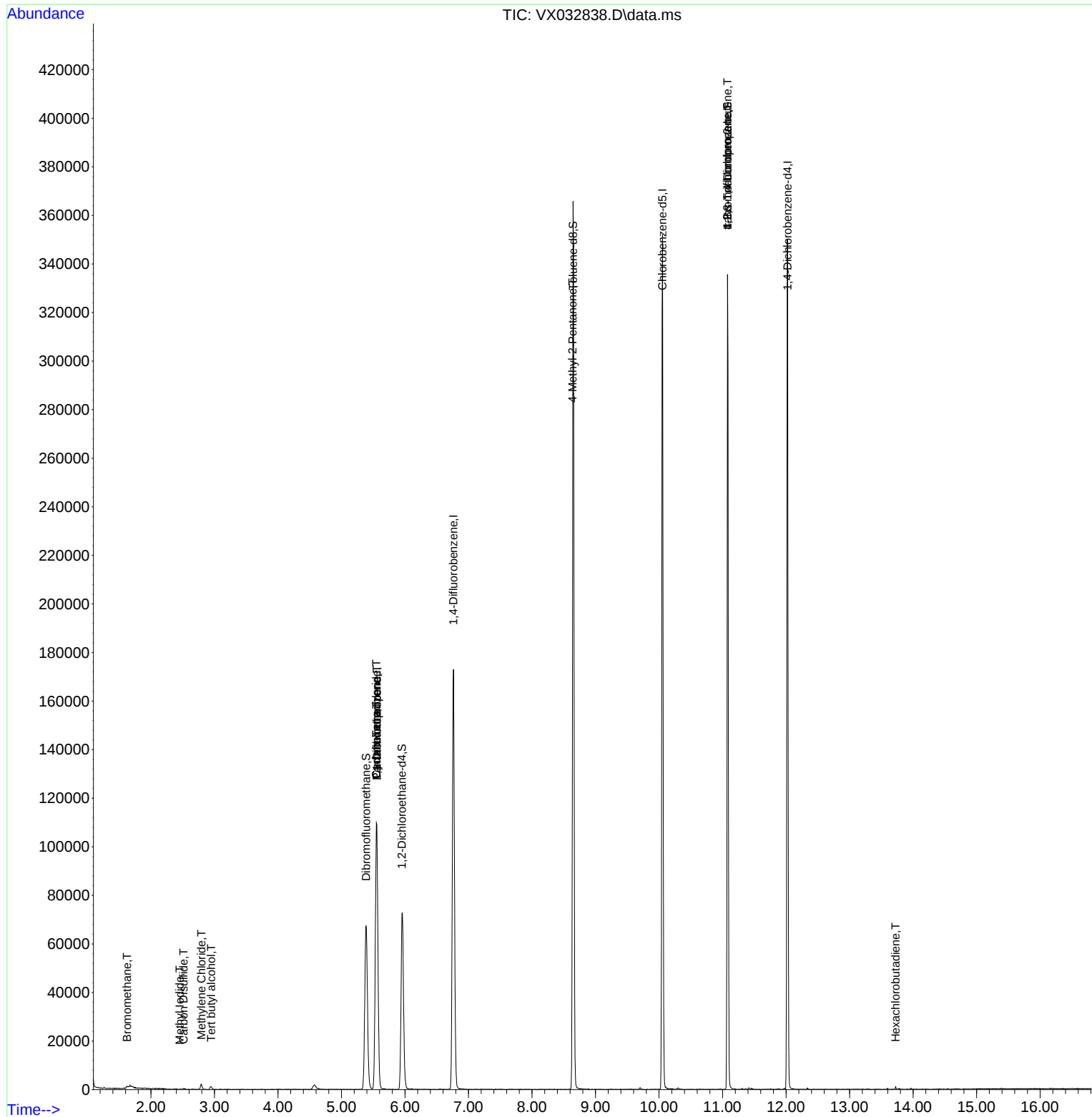
Internal Standards						
1) Pentafluorobenzene	5.556	168	104874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74452	51.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.385	113	59005	47.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.360%			
50) Toluene-d8	8.647	98	216351	50.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.079	95	82714	49.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.420%			
Target Compounds			Qvalue			
5) Bromomethane	1.624	94	234	0.260	ug/l	94
10) Methyl Iodide	2.453	142	58	1.961	ug/l #	37
11) Tert butyl alcohol	2.947	59	783	3.692	ug/l #	72
17) Carbon Disulfide	2.514	76	529	0.211	ug/l #	74
20) Methylene Chloride	2.794	84	1026	0.845	ug/l #	93
31) Cyclohexane	5.550	56	2189	1.239	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	8289	4.810	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10653	5.573	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	961	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45545	27.777	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45545	88.388	ug/l #	6
94) Hexachlorobutadiene	13.725	225	211	0.291	ug/l	83

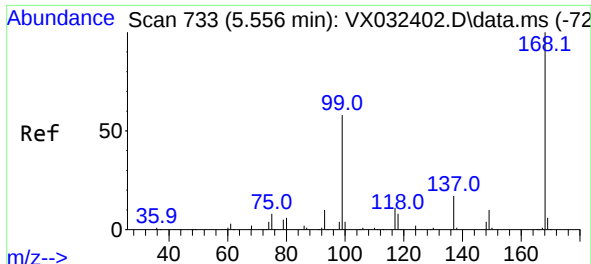
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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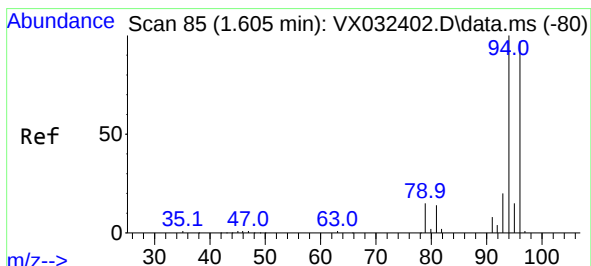
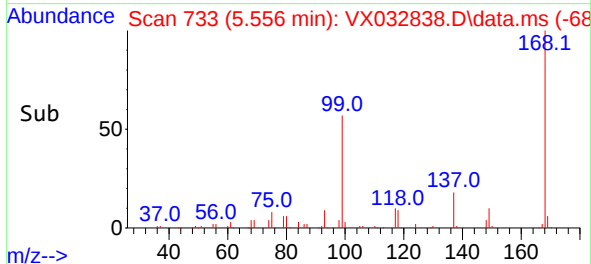
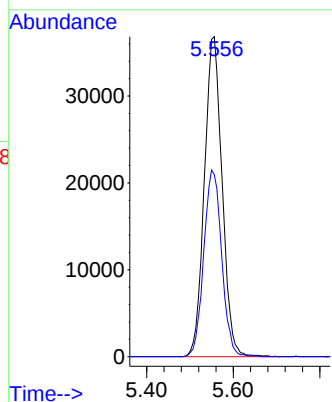
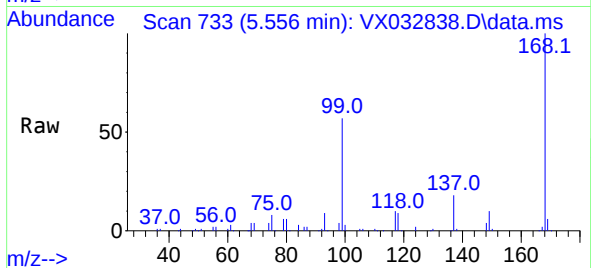




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

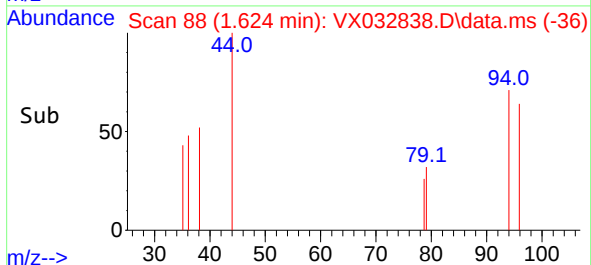
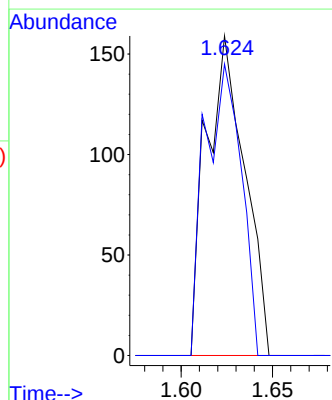
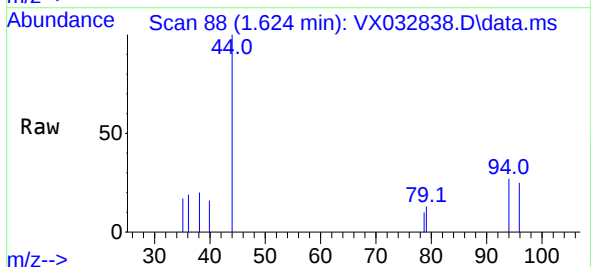
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

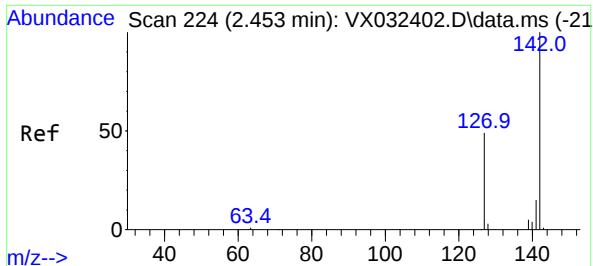
Tgt Ion:168 Resp: 104874
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#5
Bromomethane
Concen: 0.260 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

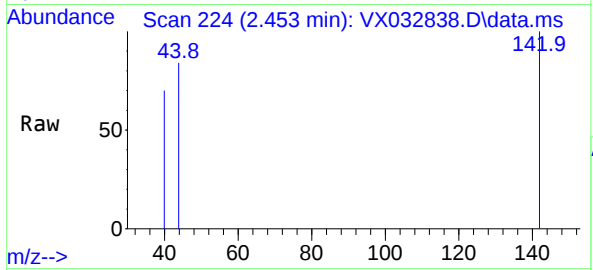
Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 91.2 77.6 116.4



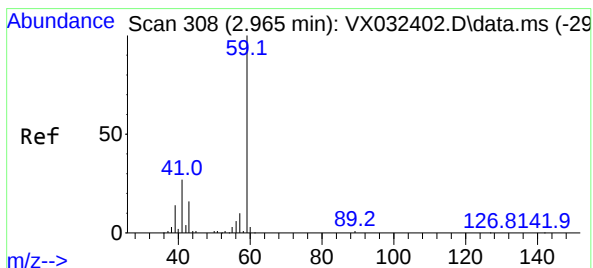
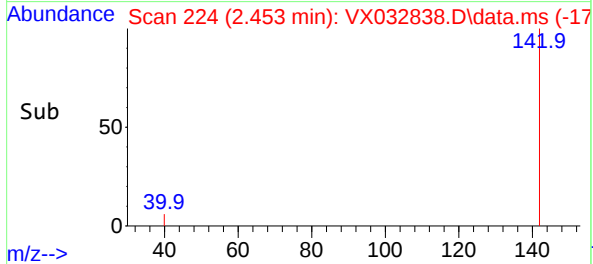
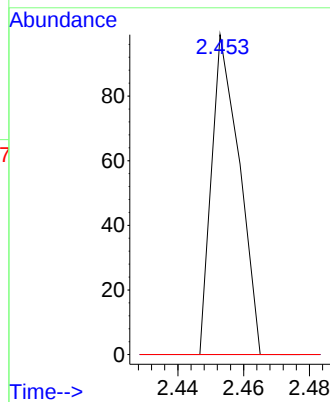


#10
Methyl Iodide
Concen: 1.961 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

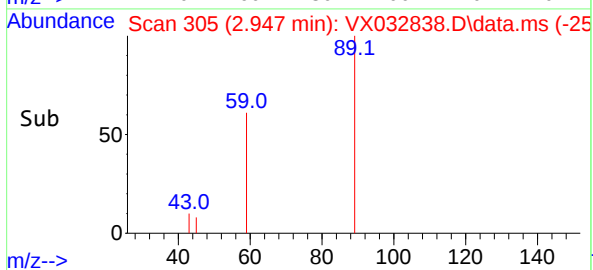
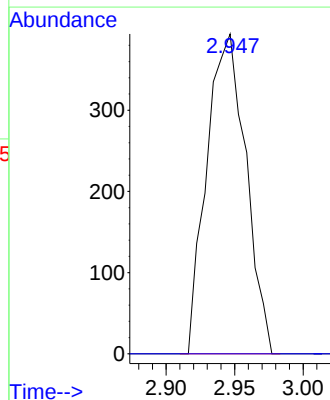
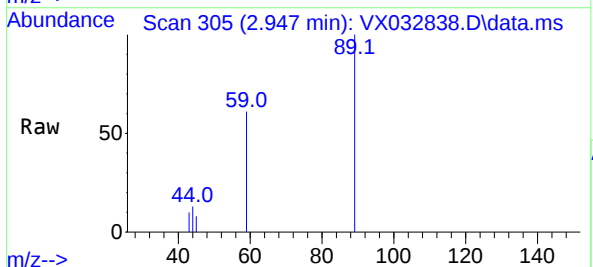


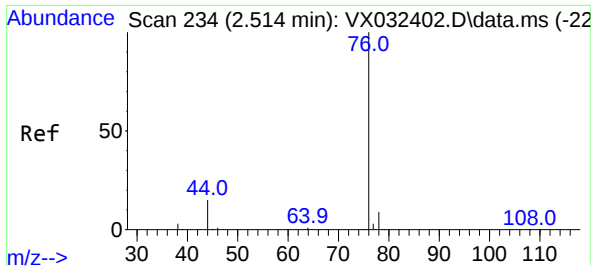
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.692 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 59 Resp: 783
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032838.D

Acq: 16 Nov 2022 02:20

Instrument :

MSVOA_X

ClientSampleId :

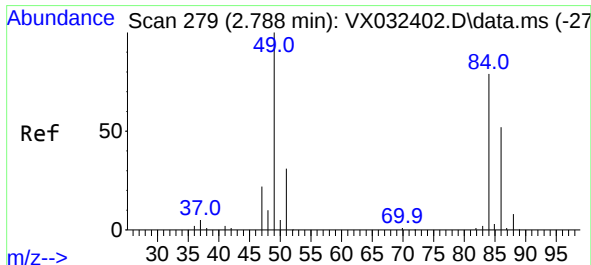
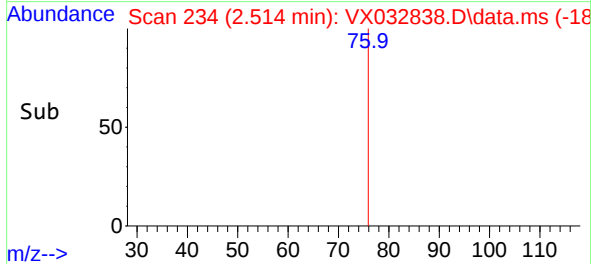
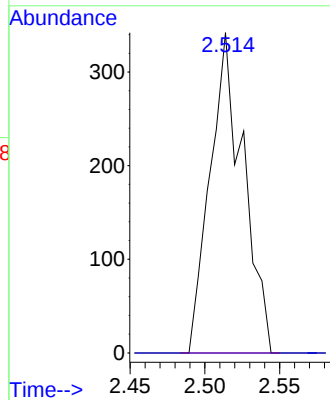
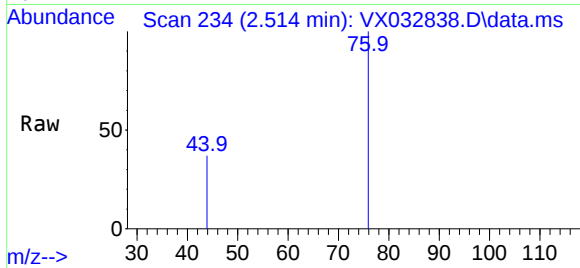
VX1115WBL02

Tgt Ion: 76 Resp: 529

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#20

Methylene Chloride

Concen: 0.845 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032838.D

Acq: 16 Nov 2022 02:20

Tgt Ion: 84 Resp: 1026

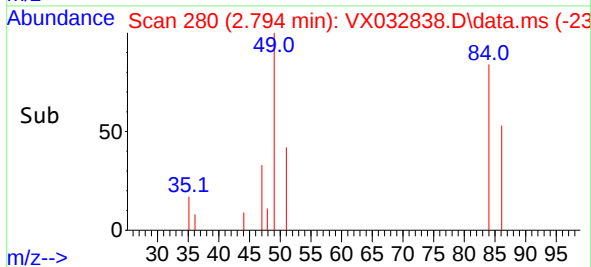
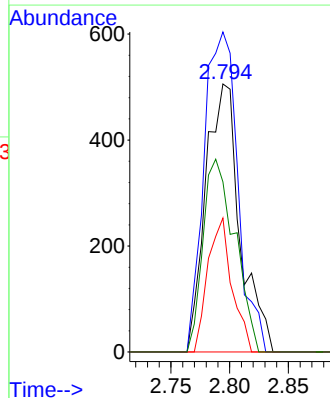
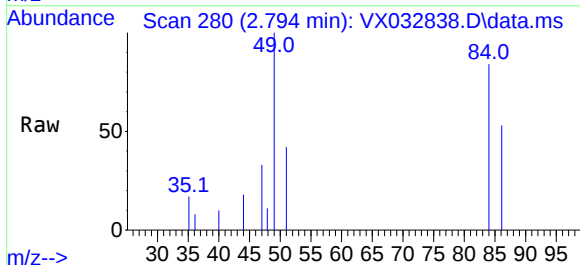
Ion Ratio Lower Upper

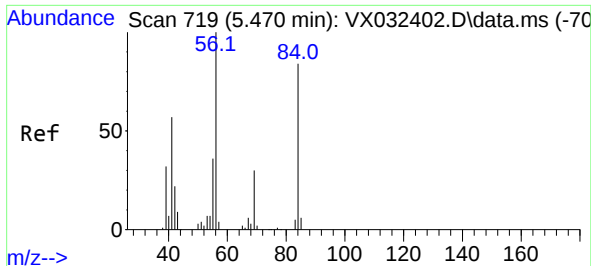
84 100

49 119.4 101.0 151.6

51 50.0 31.1 46.7#

86 63.4 52.3 78.5

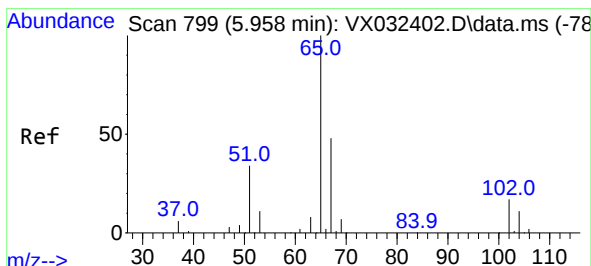
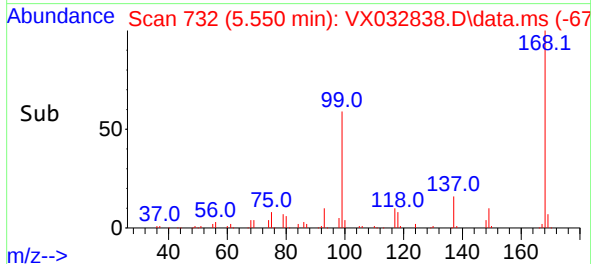
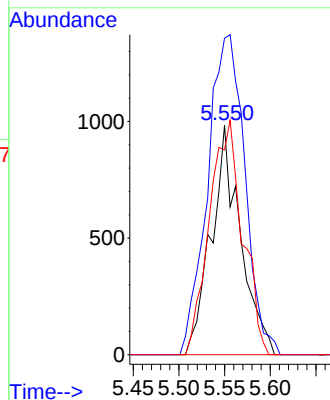
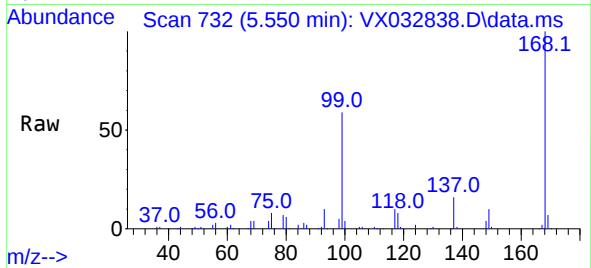




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

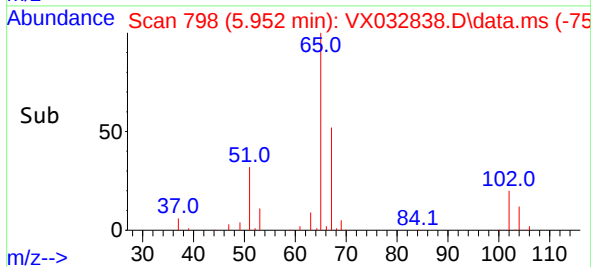
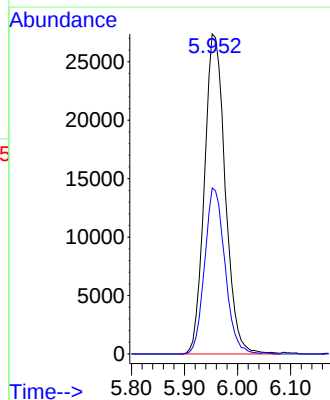
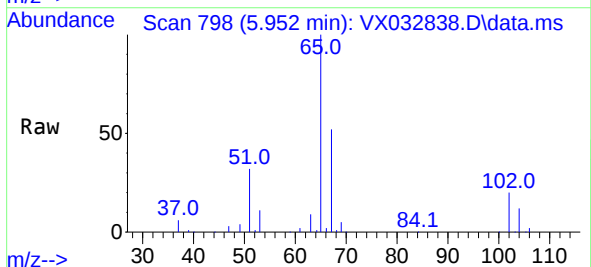
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

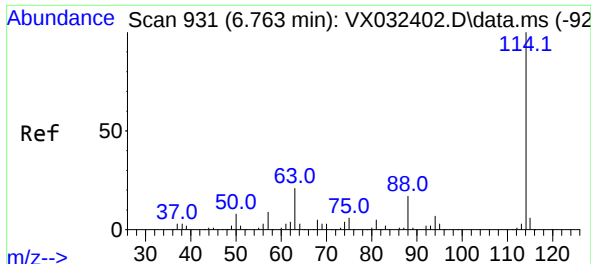
Tgt Ion: 56 Resp: 2189
Ion Ratio Lower Upper
56 100
69 137.8 24.1 36.1#
84 89.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.093 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 65 Resp: 74452
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

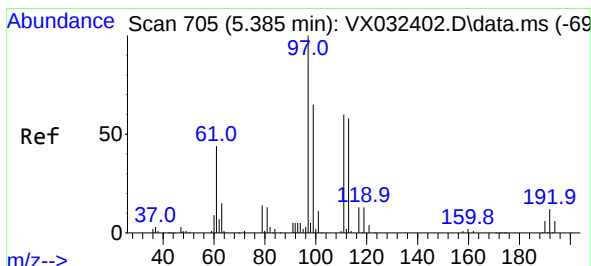
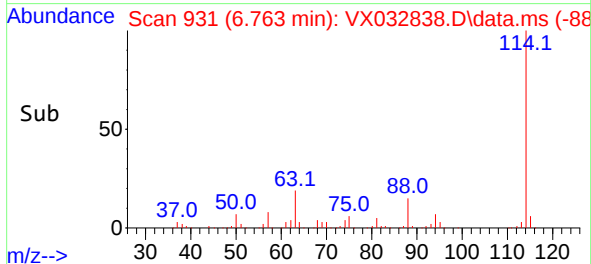
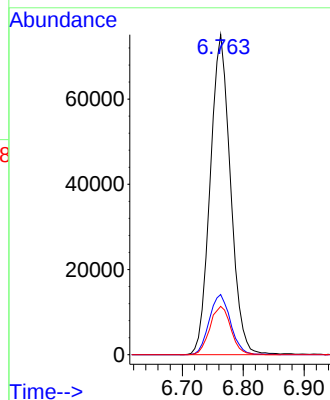
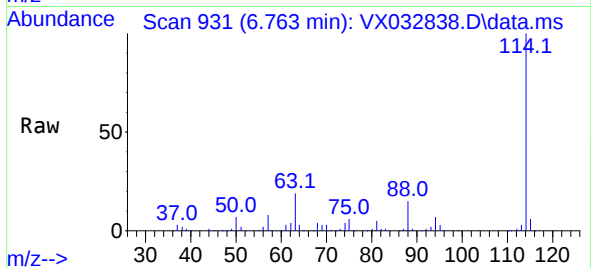




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

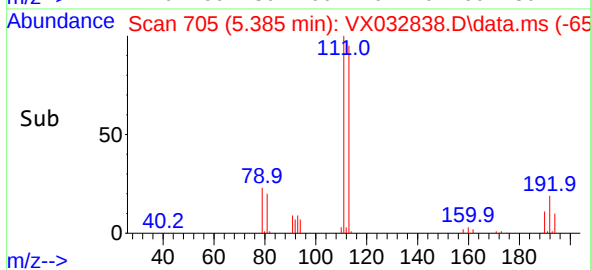
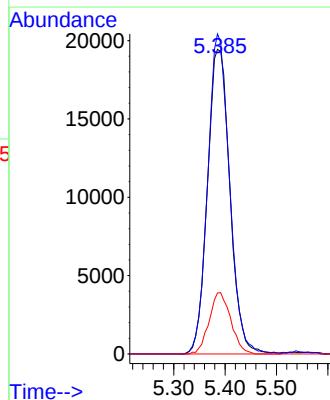
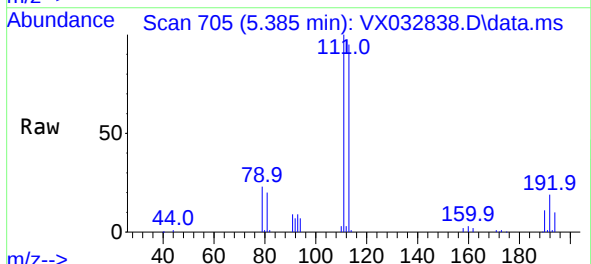
Instrument :
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ClientSampleId :
VX1115WBL02

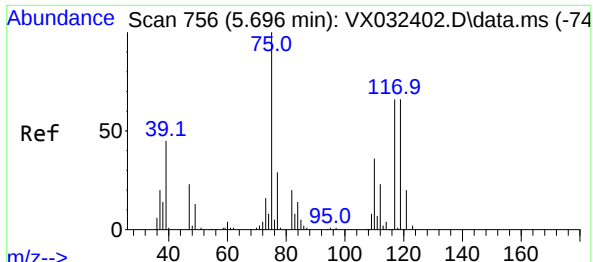
Tgt Ion:114 Resp: 173491
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.680 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion:113 Resp: 59005
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.4 15.4 23.2

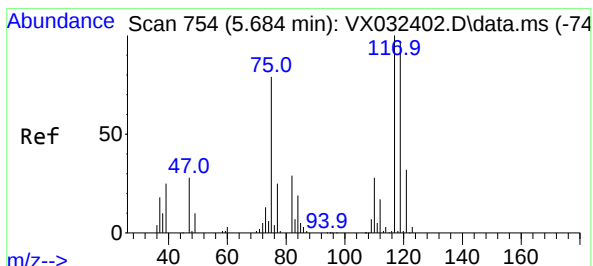
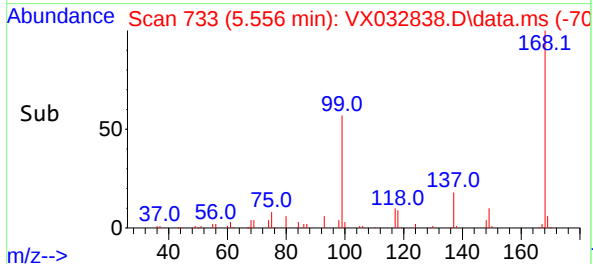
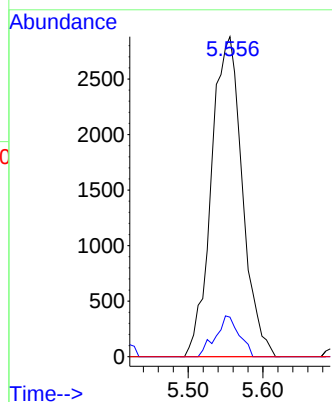
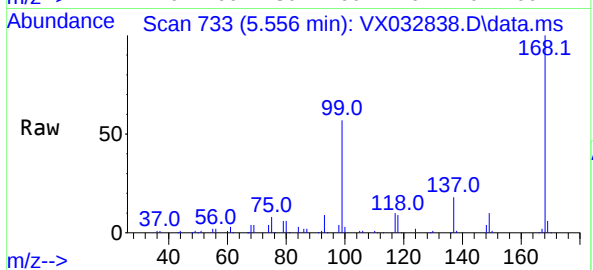




#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

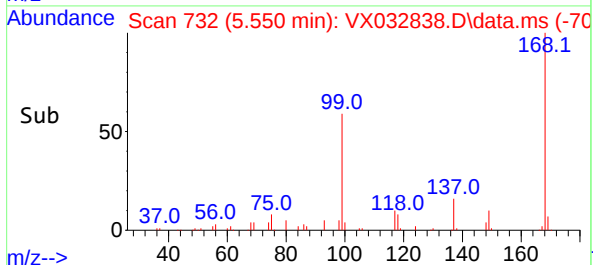
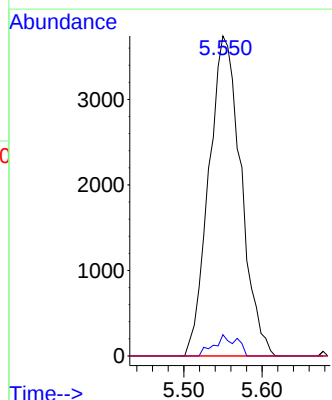
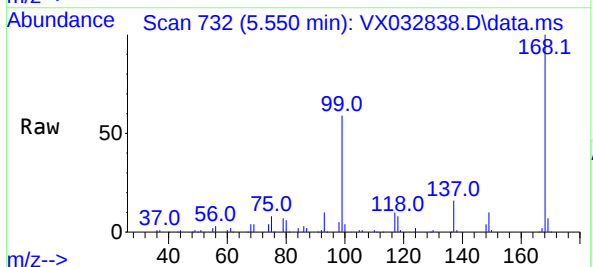
Instrument :
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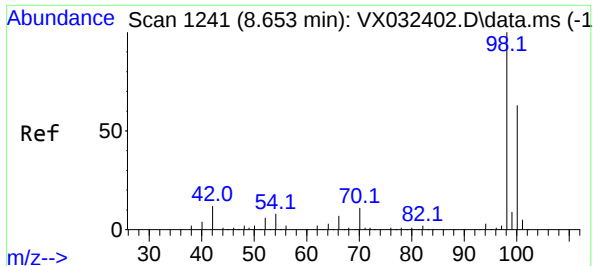
Tgt Ion: 75 Resp: 8289
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 117 Resp: 10653
Ion Ratio Lower Upper
117 100
119 6.7 77.2 115.8#
121 0.0 25.8 38.6#

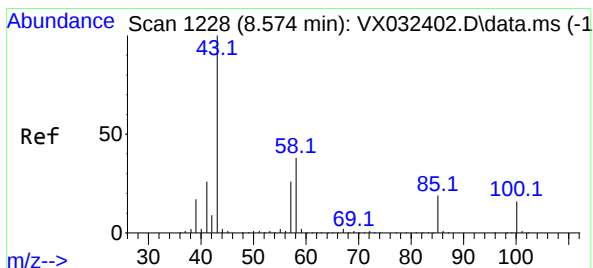
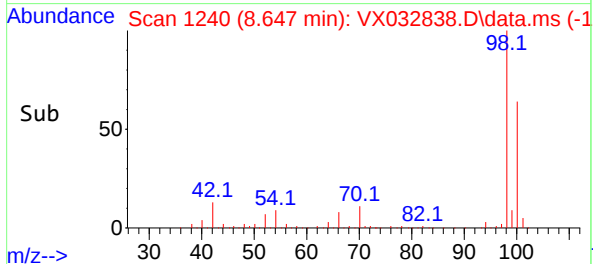
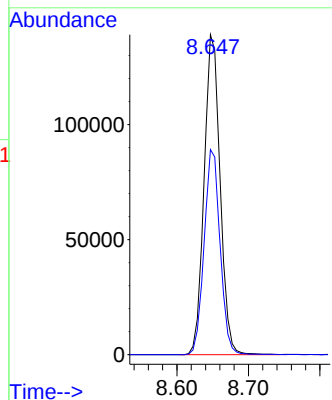
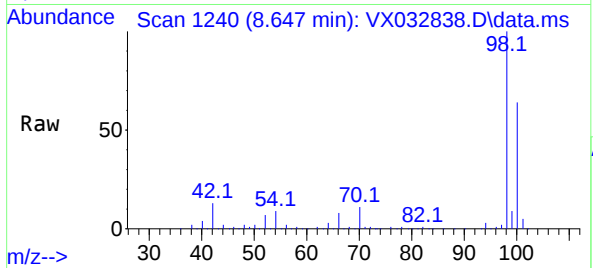




#50
Toluene-d8
Concen: 50.277 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

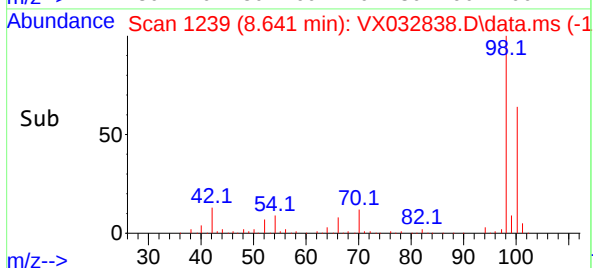
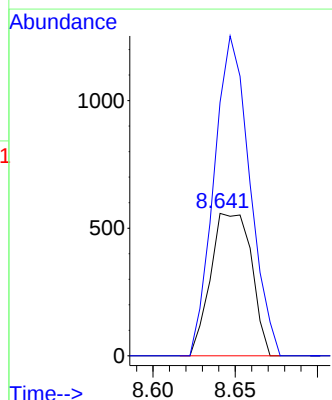
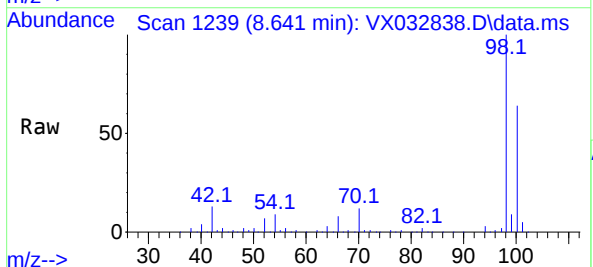
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

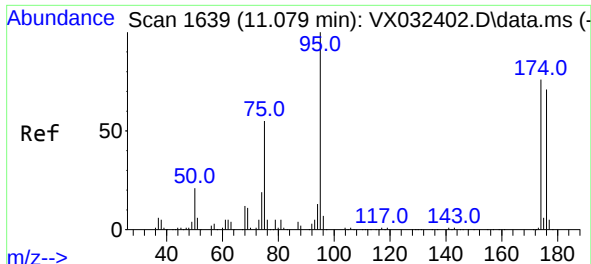
Tgt Ion: 98 Resp: 216351
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 197.0 30.9 46.3#

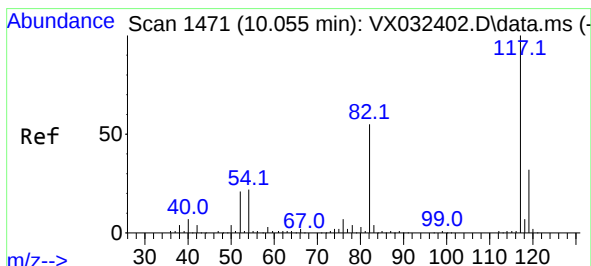
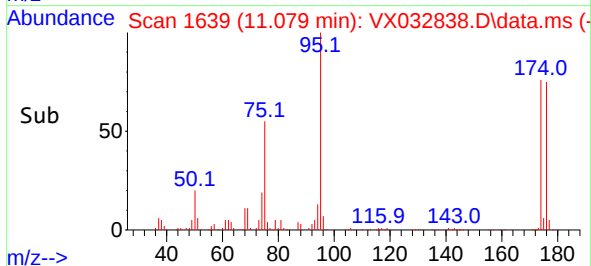
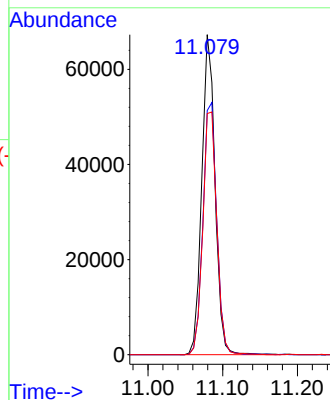
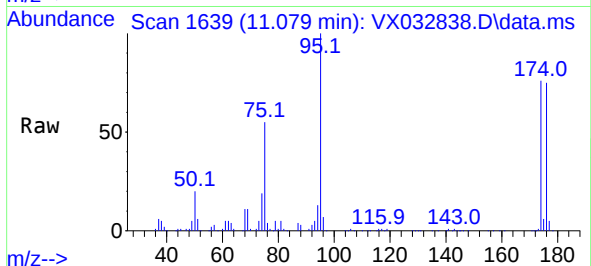




#62
4-Bromofluorobenzene
Concen: 49.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

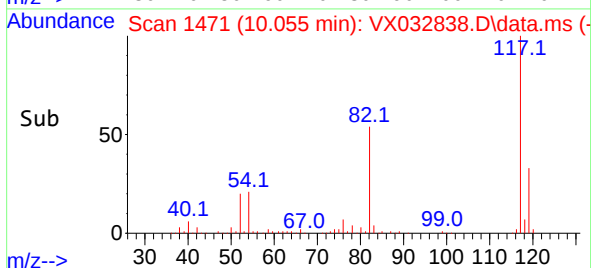
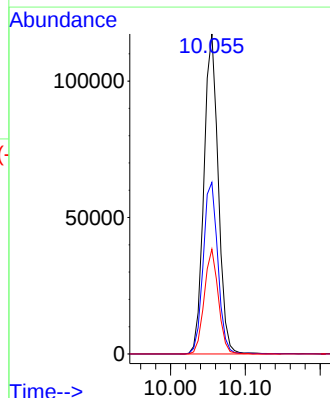
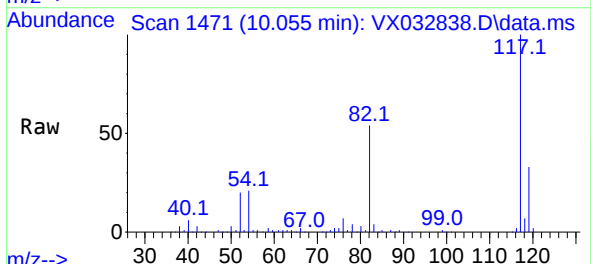
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

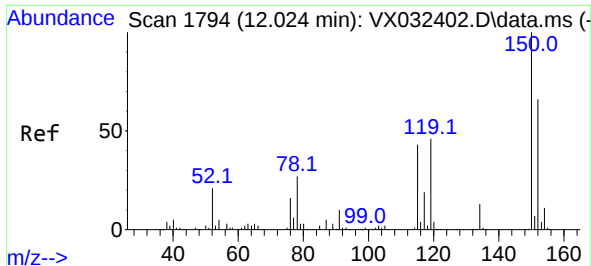
Tgt Ion: 95 Resp: 82714
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 80.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 117 Resp: 156271
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.7 25.7 38.5

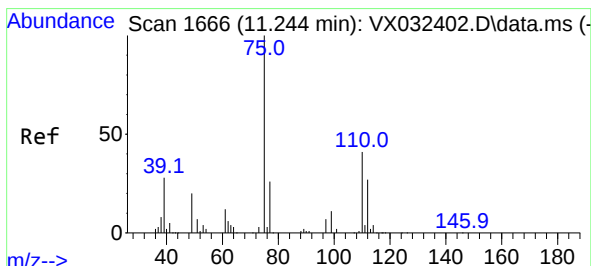
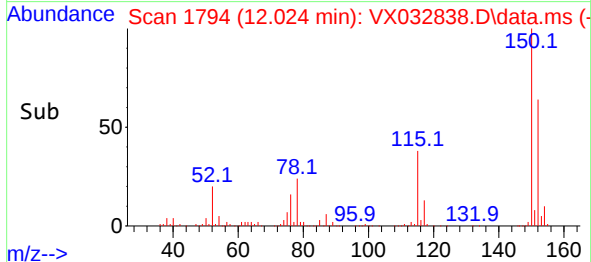
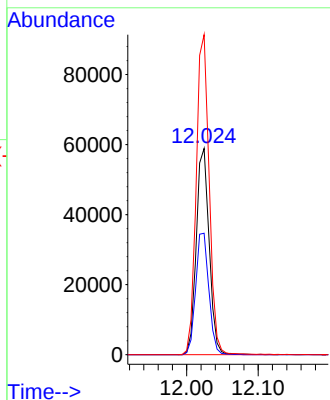
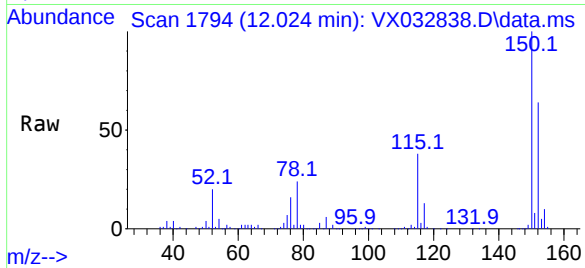




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

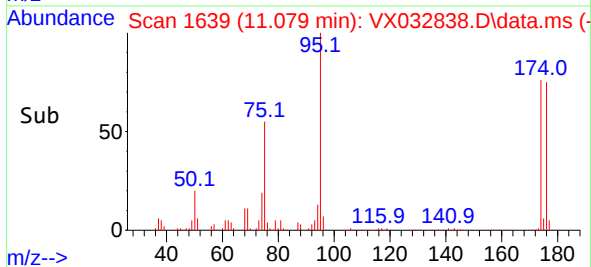
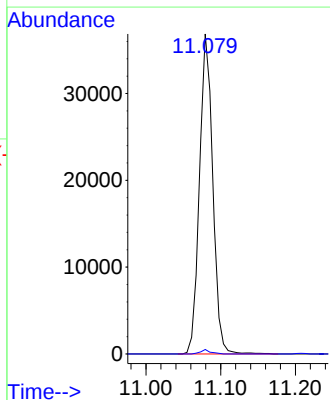
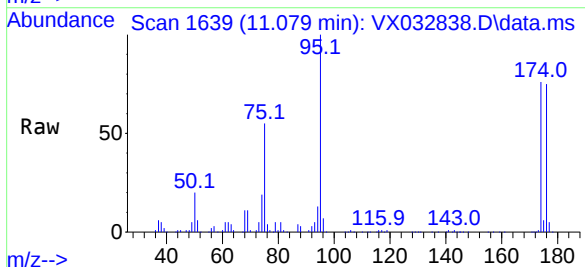
Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

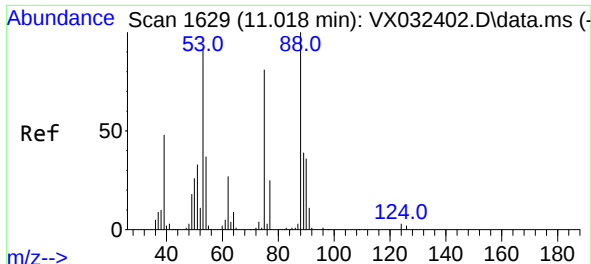
Tgt Ion:152 Resp: 73700
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 155.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 75 Resp: 45545
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

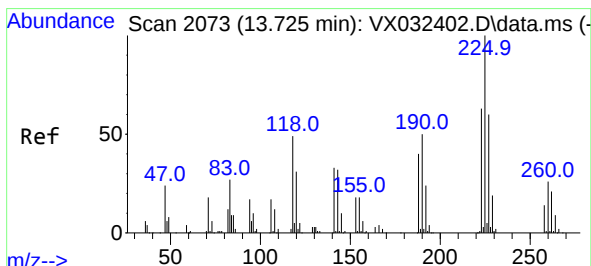
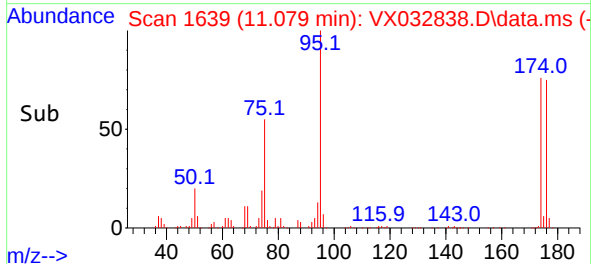
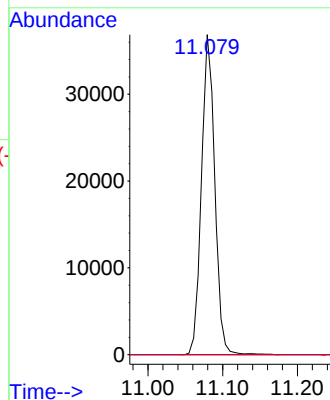
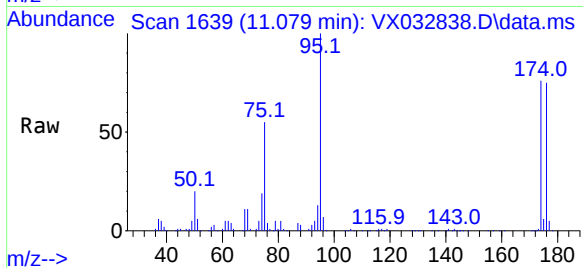




#81
trans-1,4-Dichloro-2-butene
Concen: 88.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBL02

Tgt Ion: 75 Resp: 45545
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.291 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032838.D
Acq: 16 Nov 2022 02:20

Tgt Ion: 225 Resp: 211
Ion Ratio Lower Upper
225 100
223 89.6 31.9 95.9
227 62.1 31.9 95.5

