

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032844.D
 Acq On : 16 Nov 2022 04:38
 Operator : JC/MD
 Sample : N5640-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB111522

Quant Time: Nov 16 05:11:56 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)

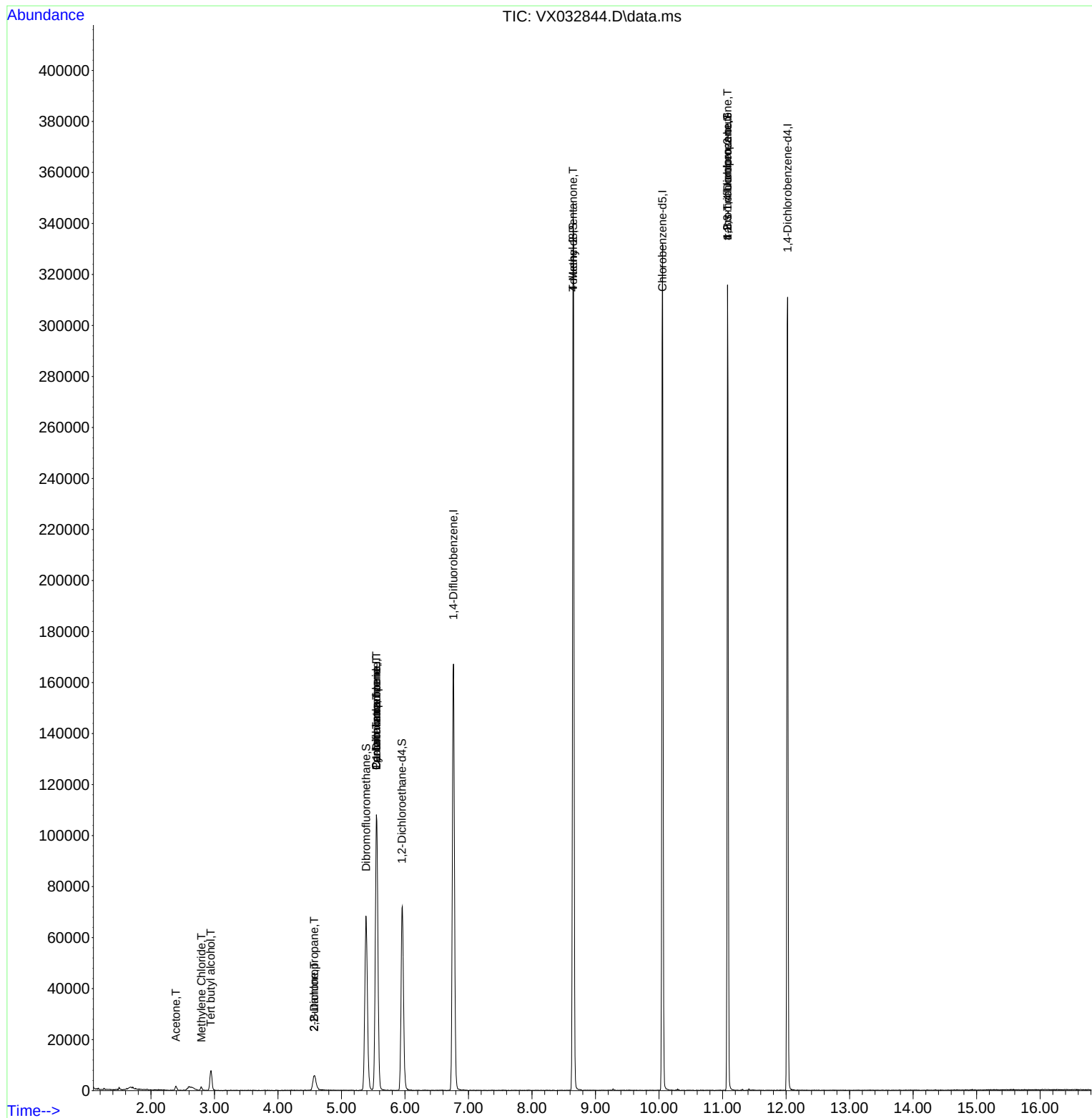
Internal Standards						
1) Pentafluorobenzene	5.550	168	103267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72860	50.778	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.560%	
35) Dibromofluoromethane	5.385	113	57808	47.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.380%	
50) Toluene-d8	8.647	98	210120	49.849	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	11.079	95	75987	46.150	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	4634	22.189	ug/l #	72
16) Acetone	2.392	43	2218	4.253	ug/l	100
20) Methylene Chloride	2.794	84	669	0.559	ug/l #	88
25) 2-Butanone	4.568	43	262	0.324	ug/l #	47
26) 2,2-Dichloropropane	4.568	77	557	0.341	ug/l #	53
31) Cyclohexane	5.550	56	2479	1.425	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	8130	4.816	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10527	5.622	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	879	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41978	29.034	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41978	92.388	ug/l #	6

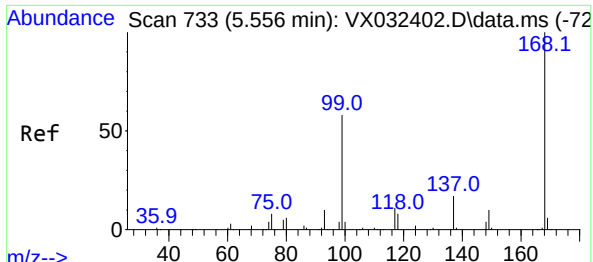
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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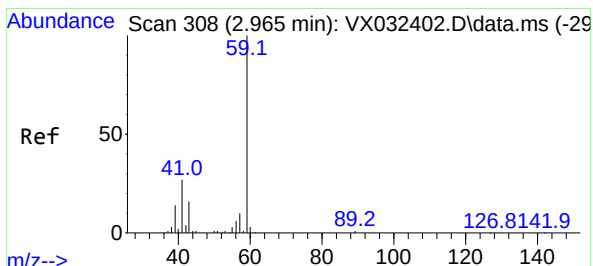
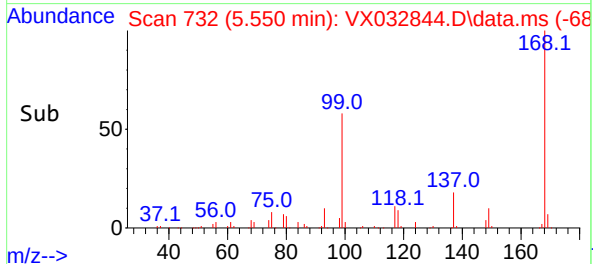
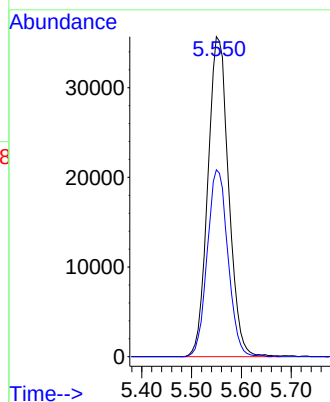
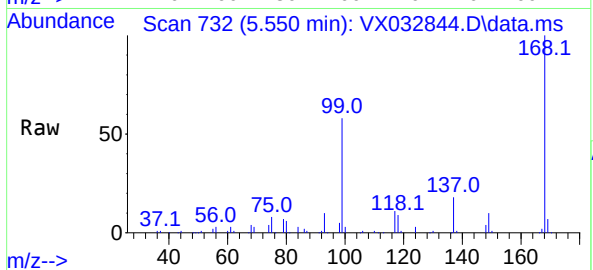




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

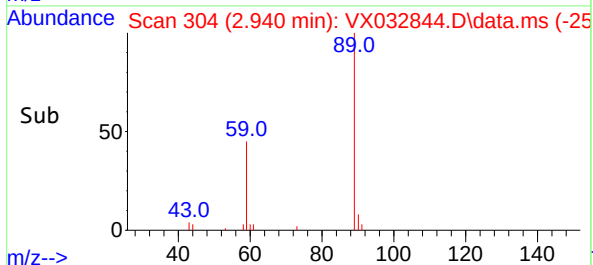
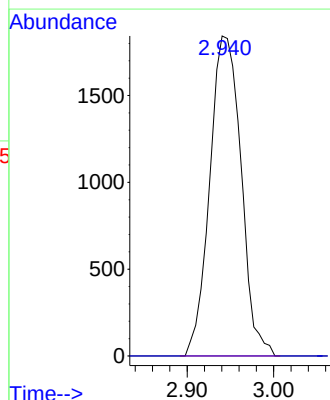
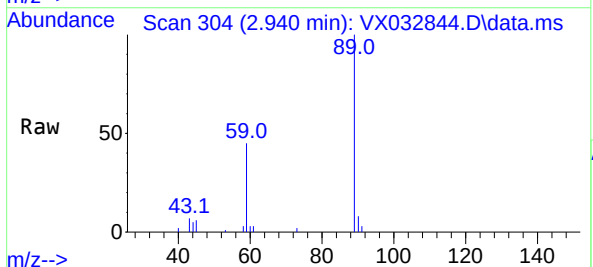
Instrument :
MSVOA_X
ClientSampleId :
FB111522

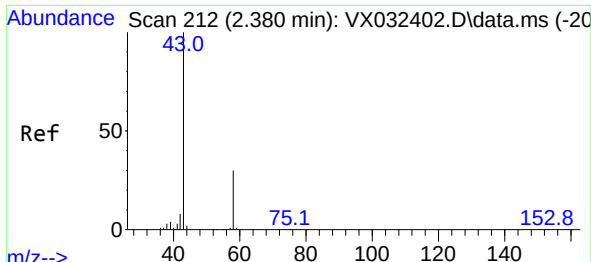
Tgt Ion:168 Resp: 103267
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 22.189 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Tgt Ion: 59 Resp: 4634
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

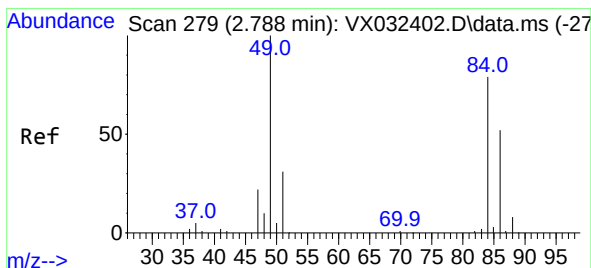
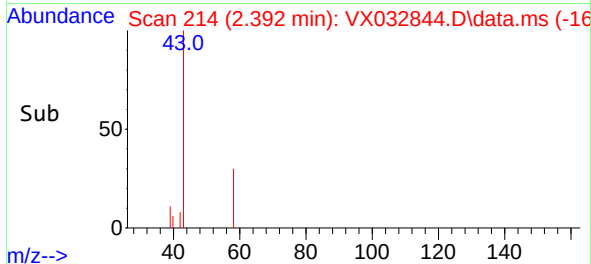
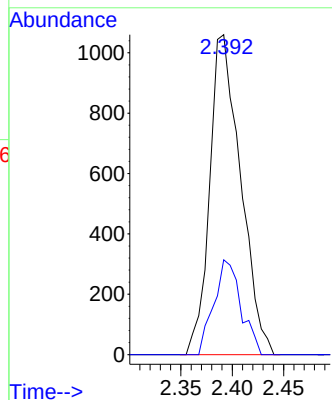
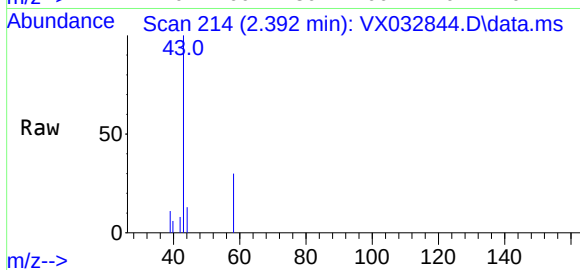




#16
Acetone
Concen: 4.253 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

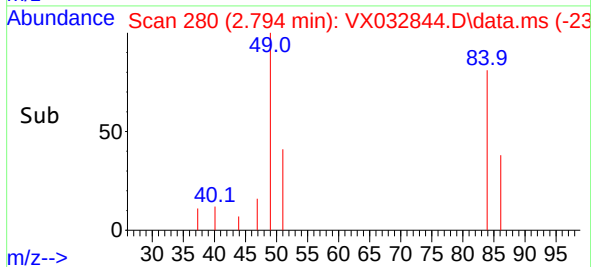
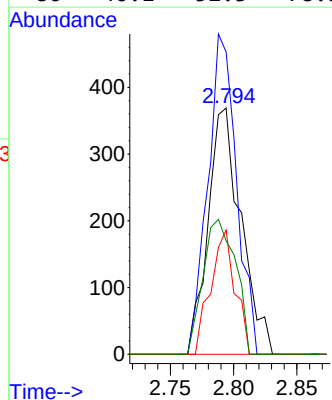
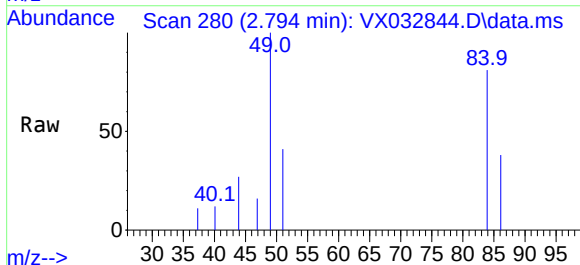
Instrument :
MSVOA_X
ClientSampleId :
FB111522

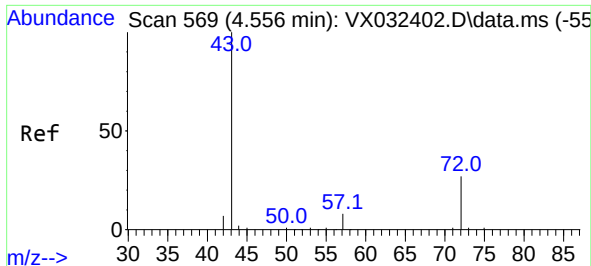
Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8



#20
Methylene Chloride
Concen: 0.559 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Tgt Ion: 84 Resp: 669
Ion Ratio Lower Upper
84 100
49 122.8 101.0 151.6
51 50.4 31.1 46.7#
86 46.1 52.3 78.5#





#25

2-Butanone

Concen: 0.324 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX032844.D

Acq: 16 Nov 2022 04:38

Instrument :

MSVOA_X

ClientSampleId :

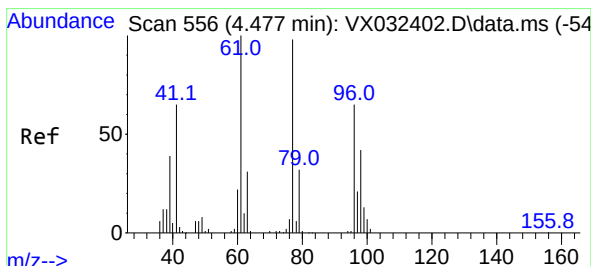
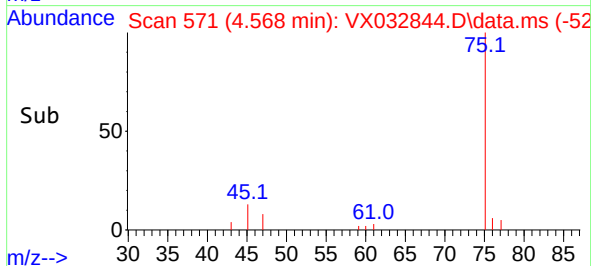
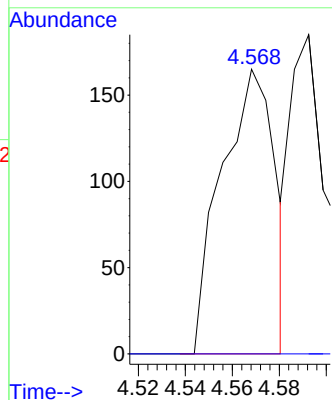
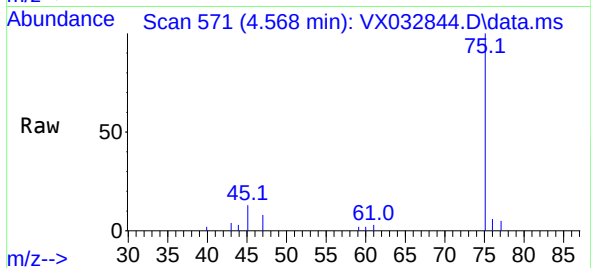
FB111522

Tgt Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 0.341 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.091 min

Lab File: VX032844.D

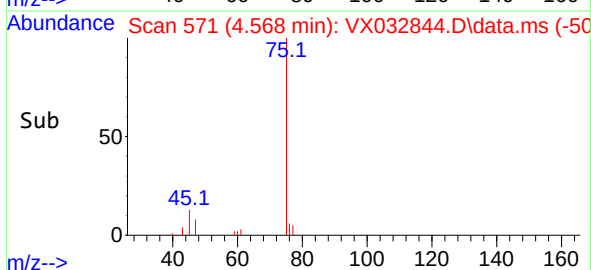
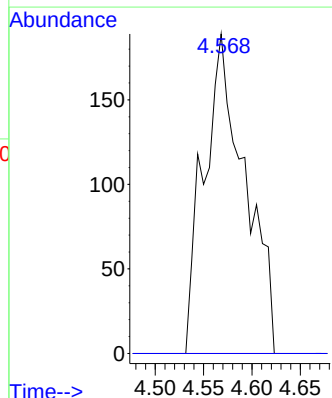
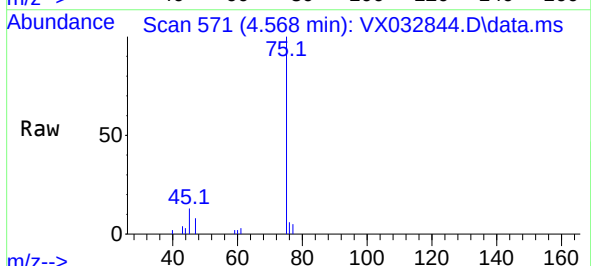
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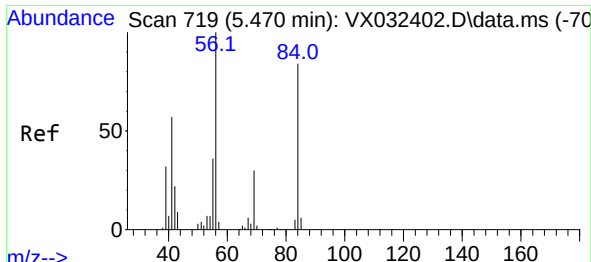
Tgt Ion: 77 Resp: 557

Ion Ratio Lower Upper

77 100

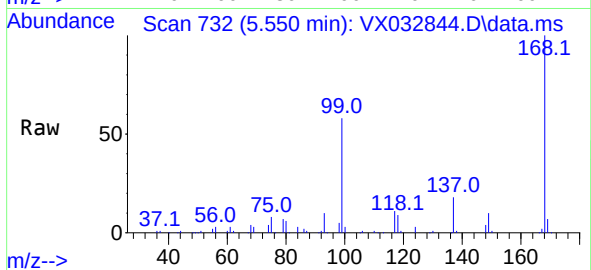
97 0.0 11.4 34.1#



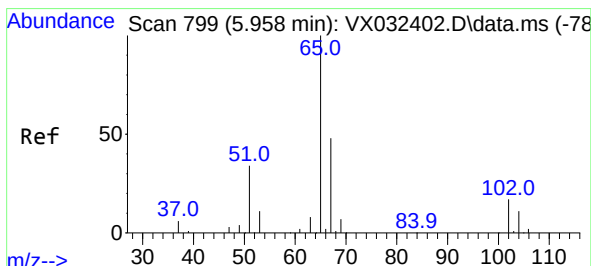
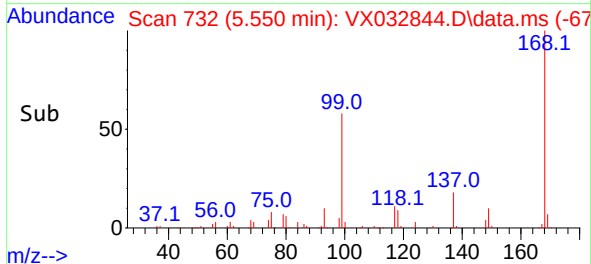
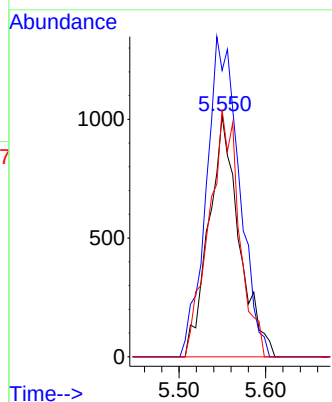


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Instrument :
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ClientSampleId :
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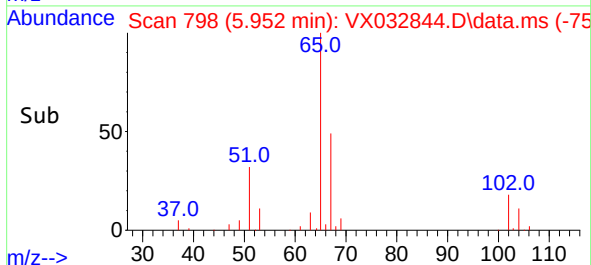
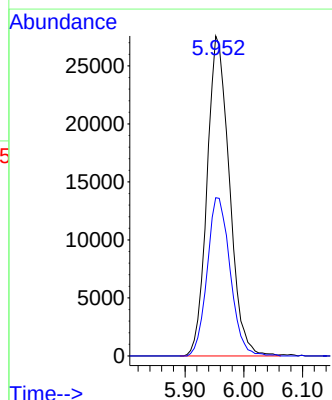
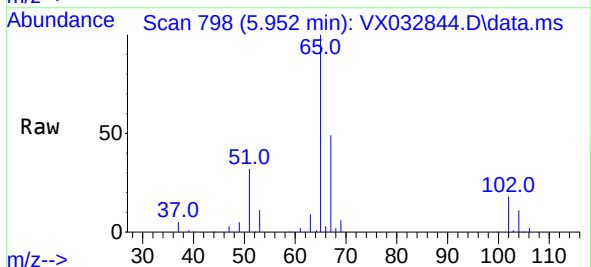


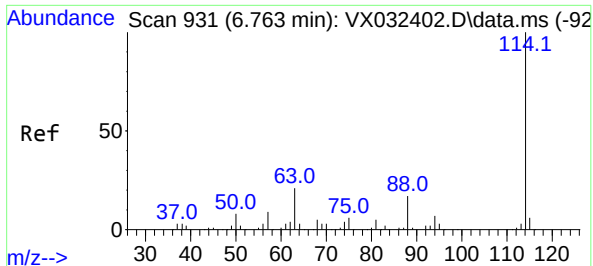
Tgt Ion: 56 Resp: 2479
Ion Ratio Lower Upper
56 100
69 118.9 24.1 36.1#
84 102.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.778 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Tgt Ion: 65 Resp: 72860
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

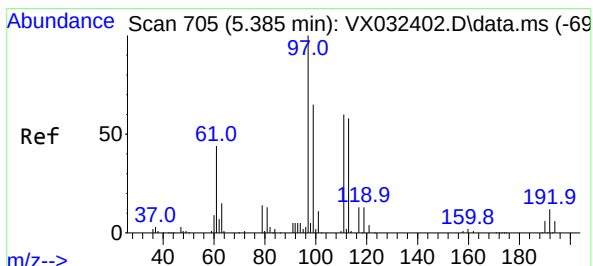
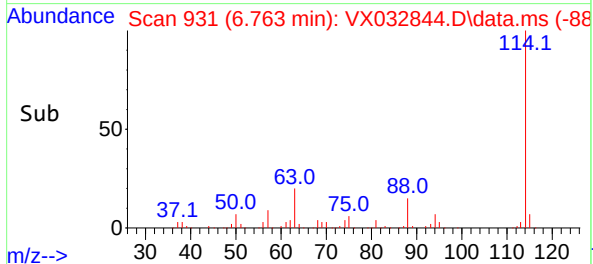
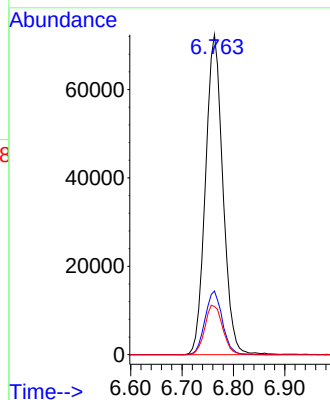
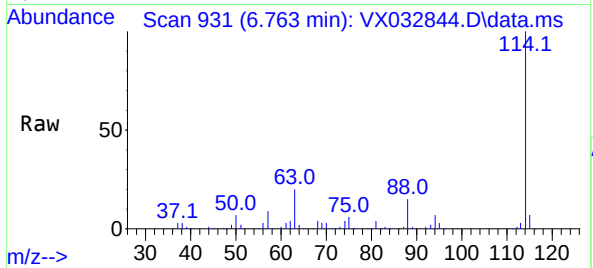




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

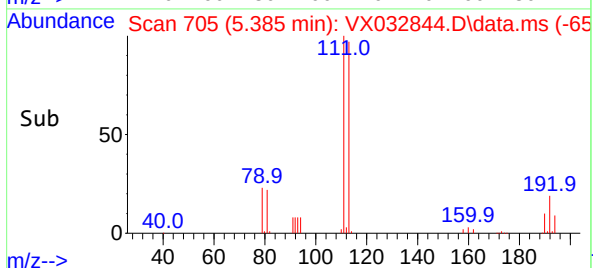
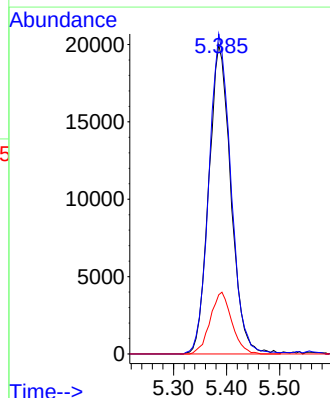
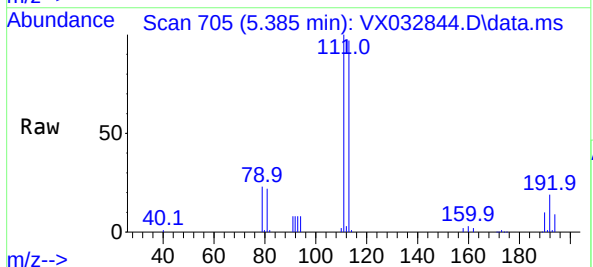
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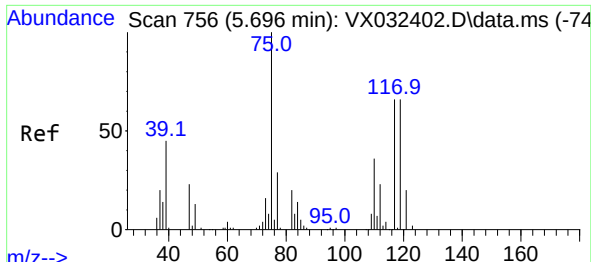
Tgt Ion:114 Resp: 169943
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Tgt Ion:113 Resp: 57808
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.5 15.4 23.2

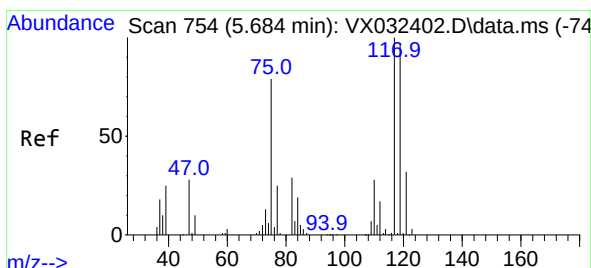
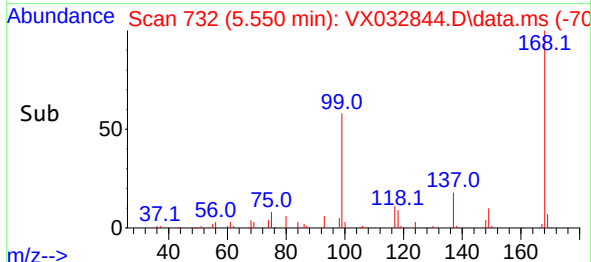
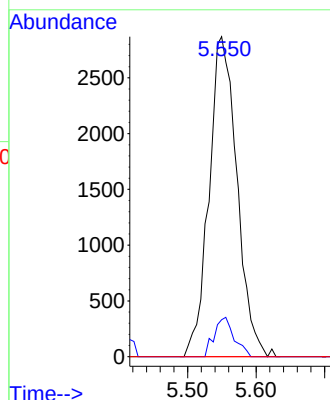
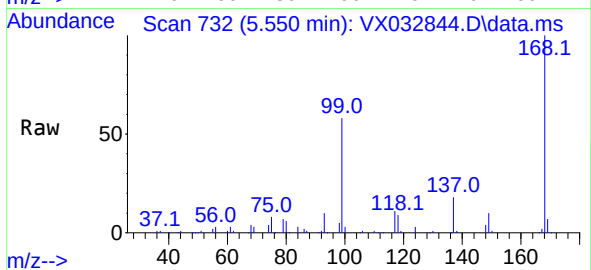




#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

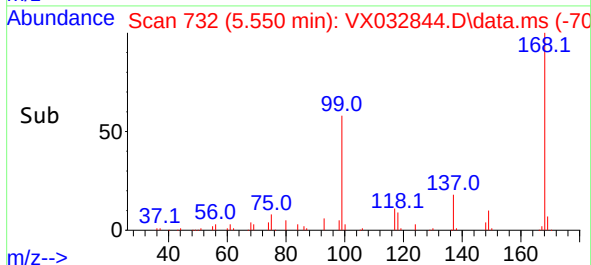
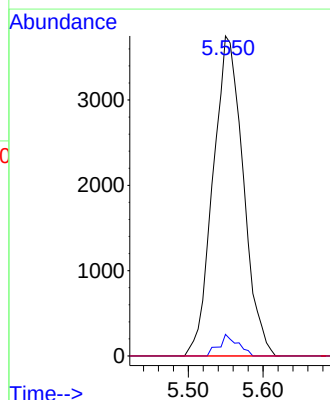
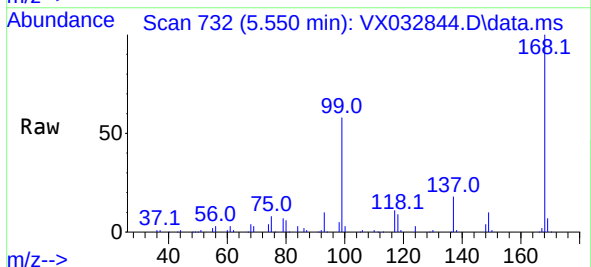
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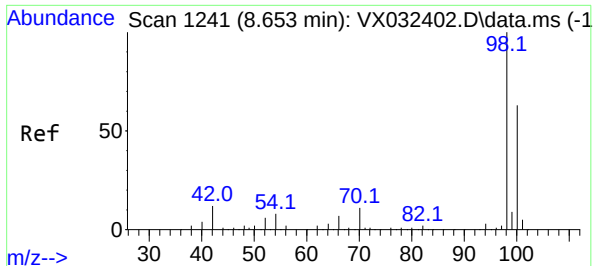
Tgt Ion: 75 Resp: 8130
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Tgt Ion: 117 Resp: 10527
Ion Ratio Lower Upper
117 100
119 6.7 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.849 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032844.D

Acq: 16 Nov 2022 04:38

Instrument :

MSVOA_X

ClientSampleId :

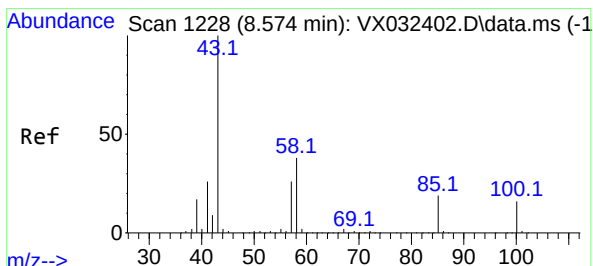
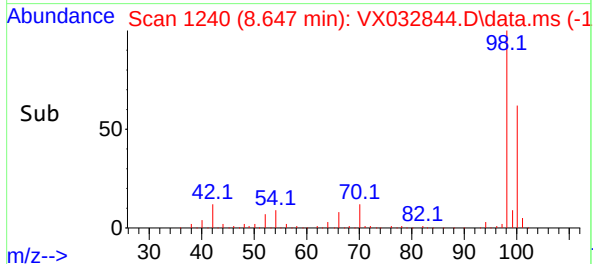
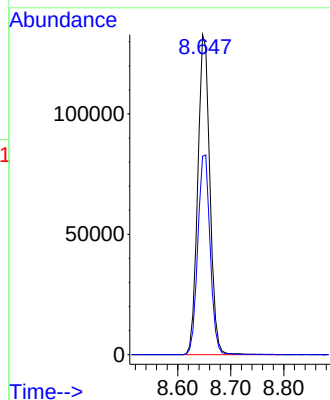
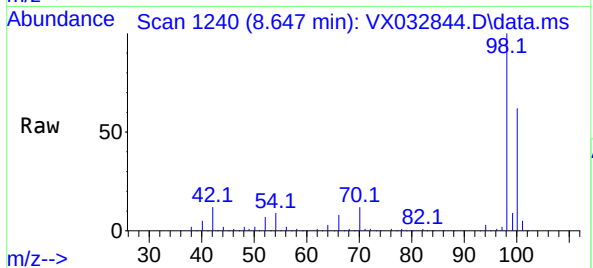
FB111522

Tgt Ion: 98 Resp: 210120

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032844.D

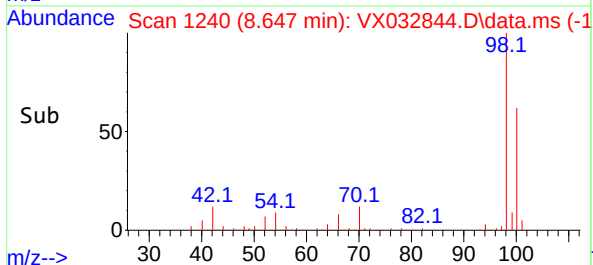
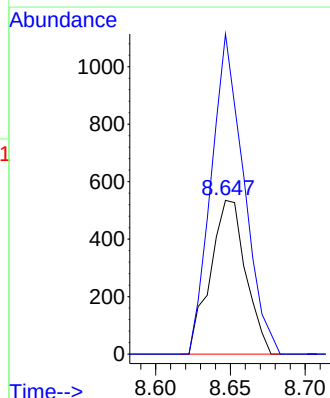
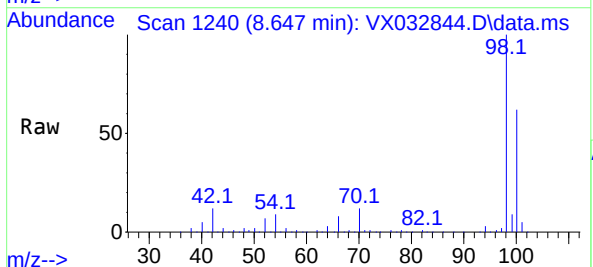
Acq: 16 Nov 2022 04:38

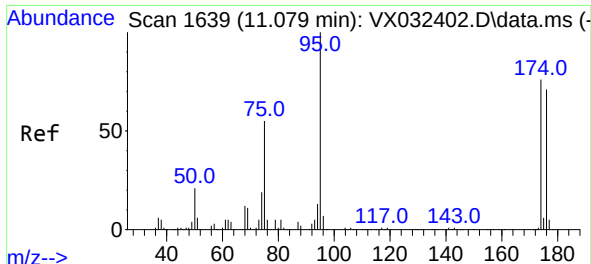
Tgt Ion: 43 Resp: 879

Ion Ratio Lower Upper

43 100

58 191.7 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 46.150 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032844.D

Acq: 16 Nov 2022 04:38

Instrument :

MSVOA_X

ClientSampleId :

FB111522

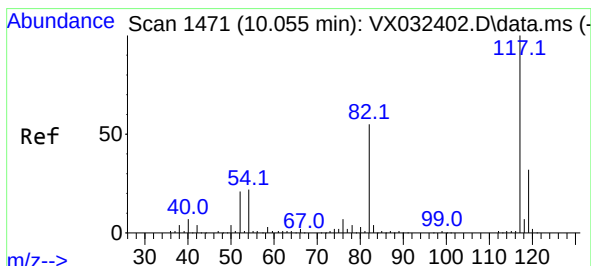
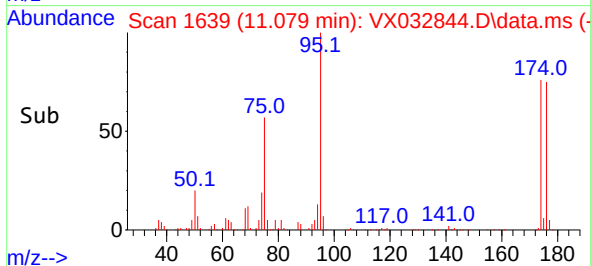
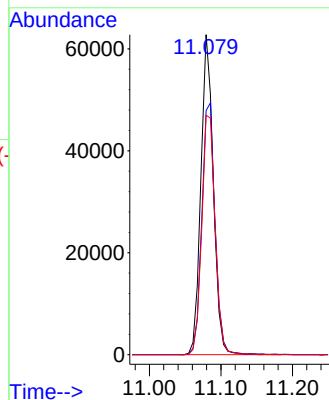
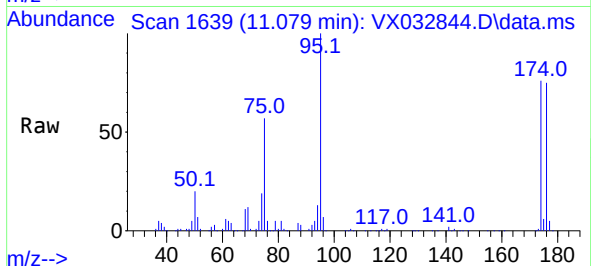
Tgt Ion: 95 Resp: 75987

Ion Ratio Lower Upper

95 100

174 83.5 0.0 164.0

176 80.3 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: VX032844.D

Acq: 16 Nov 2022 04:38

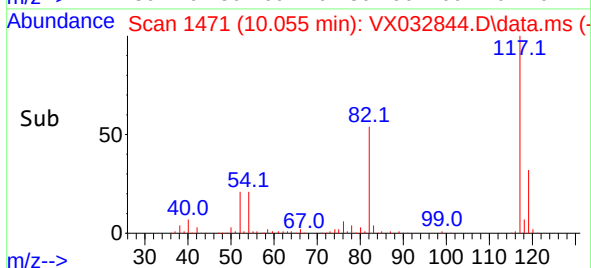
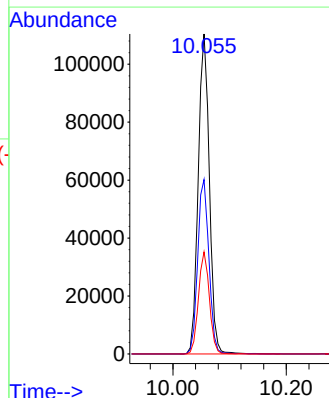
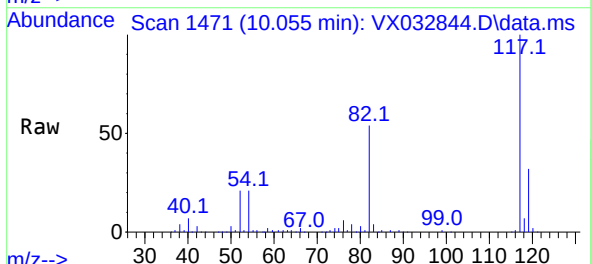
Tgt Ion: 117 Resp: 150177

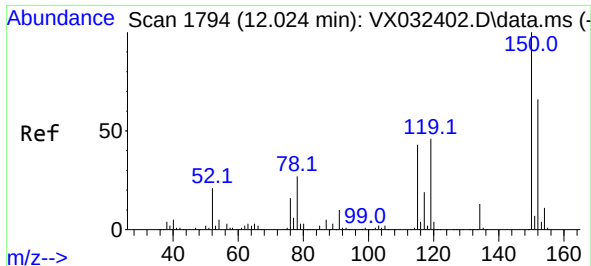
Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

119 31.9 25.7 38.5

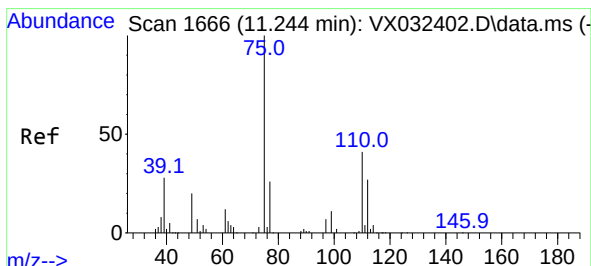
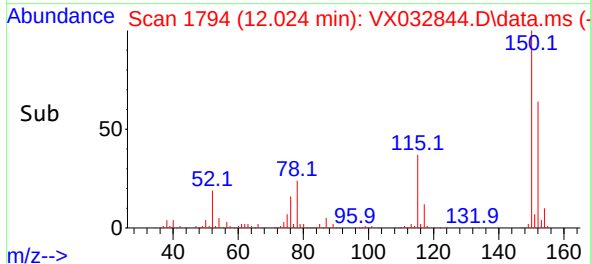
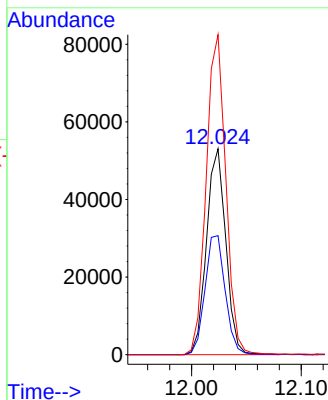
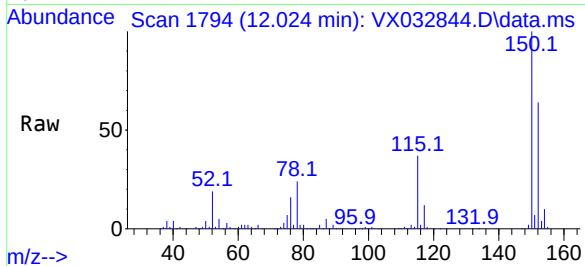




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

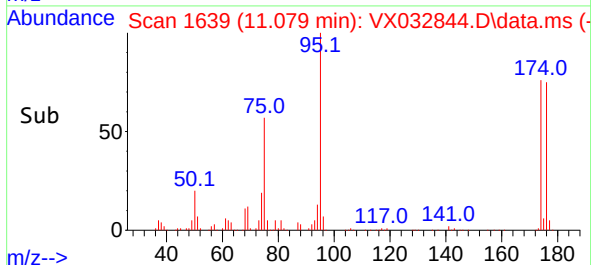
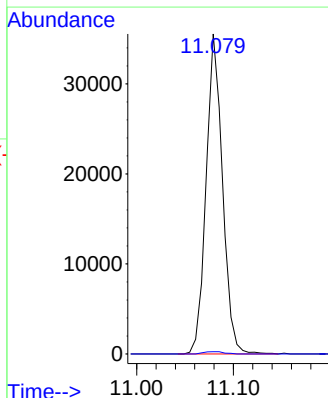
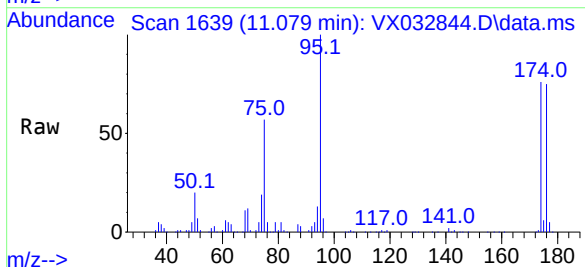
Instrument :
MSVOA_X
ClientSampleId :
FB111522

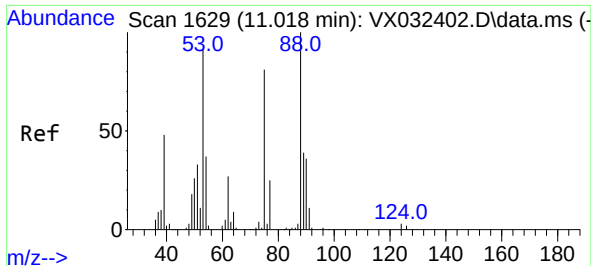
Tgt Ion:152 Resp: 64987
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 29.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032844.D
Acq: 16 Nov 2022 04:38

Tgt Ion: 75 Resp: 41978
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.388 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032844.D
 Acq: 16 Nov 2022 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FB111522

Tgt Ion: 75 Resp: 41978
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

