

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032612.D
 Acq On : 05 Nov 2022 07:52
 Operator : JC/MD
 Sample : N5484-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:11:16 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)

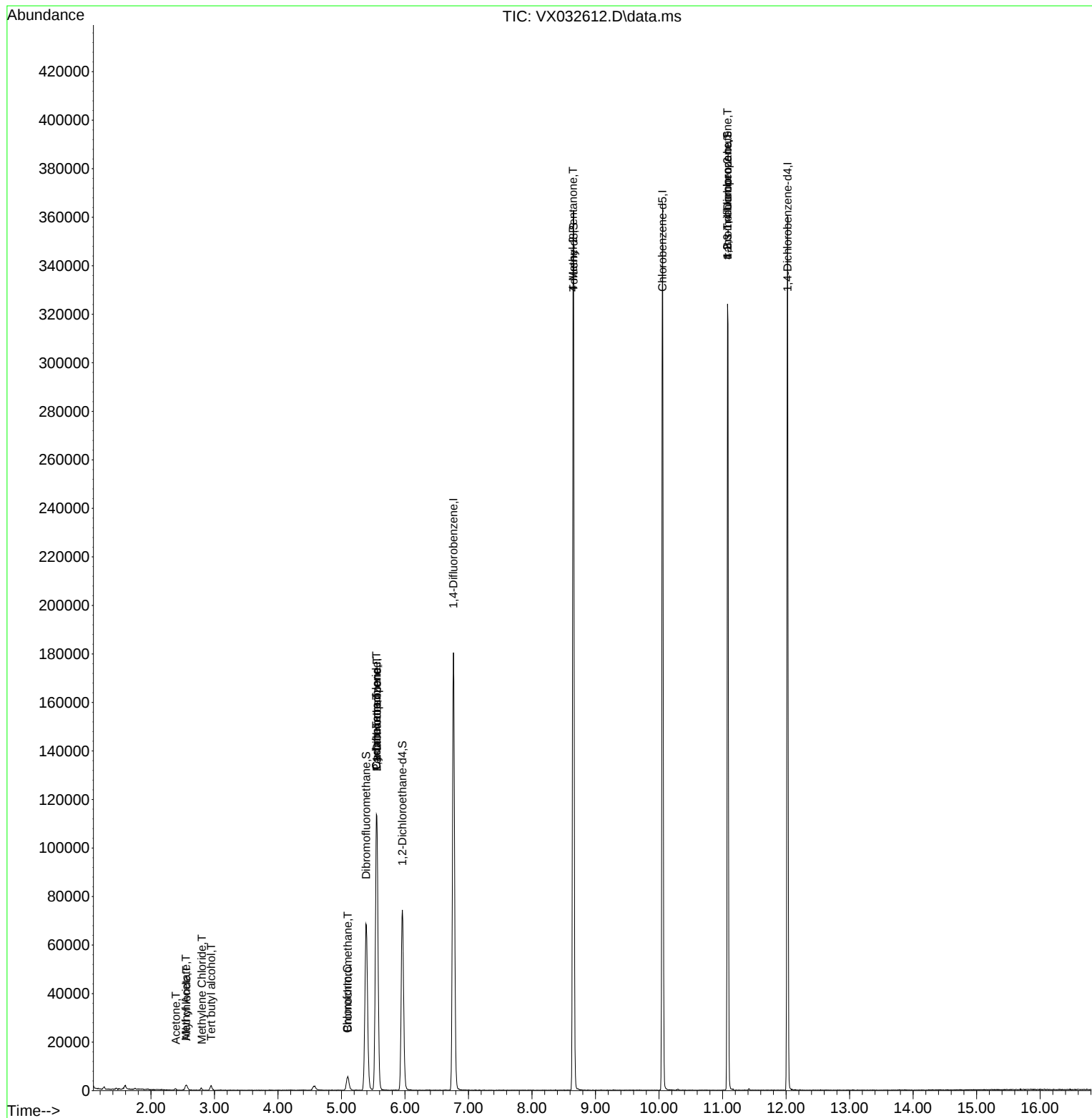
Internal Standards						
1) Pentafluorobenzene	5.556	168	109809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75054	49.191	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.380%		
35) Dibromofluoromethane	5.385	113	58504	45.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.653	98	216092	48.249	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	82439	47.122	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.240%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1169	5.264	ug/l #	72
14) Allyl chloride	2.556	41	405	0.231	ug/l #	74
16) Acetone	2.392	43	852	1.536	ug/l #	78
18) Methyl Acetate	2.550	43	1008	0.559	ug/l #	51
20) Methylene Chloride	2.800	84	399	0.314	ug/l #	64
28) Bromochloromethane	5.099	49	547	0.703	ug/l #	9
30) Chloroform	5.093	83	6945	2.898	ug/l	99
31) Cyclohexane	5.550	56	2476	1.338	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	8660	4.828	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10906	5.482	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1051	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45702	28.085	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45702	89.367	ug/l #	6

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

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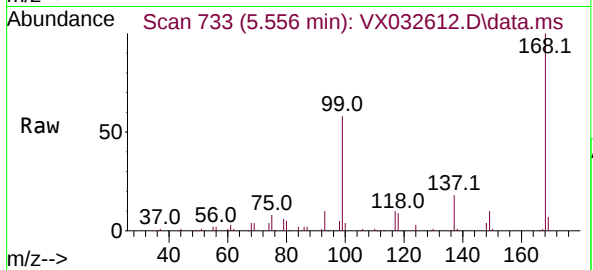
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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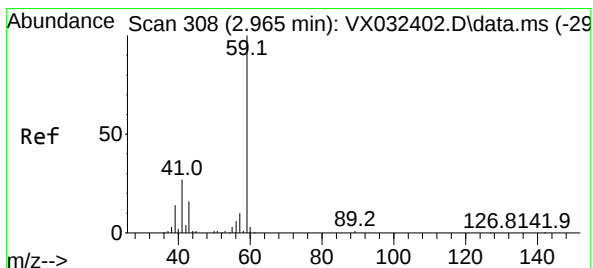
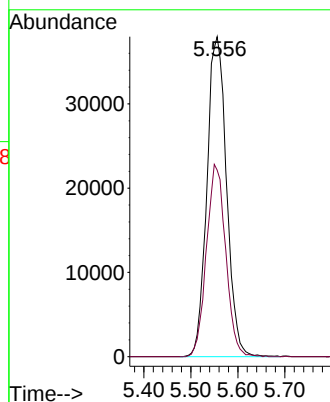
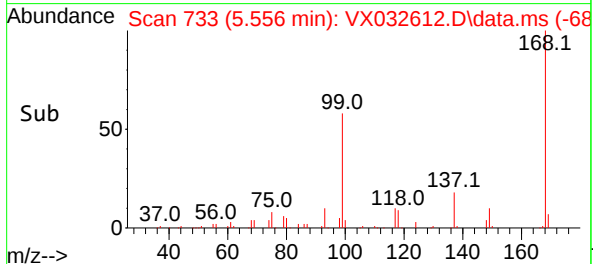


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Instrument :
MSVOA_X
ClientSampleId :

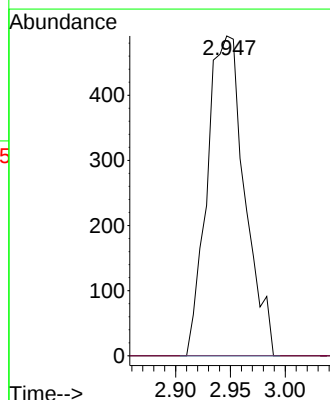
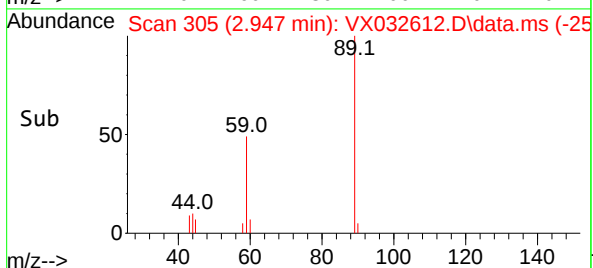
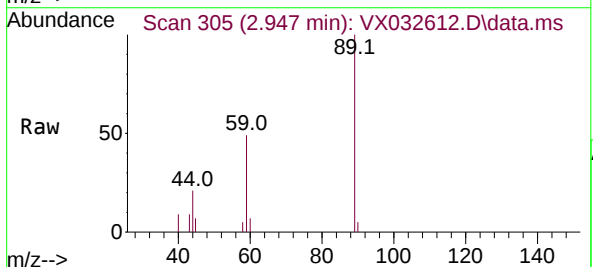


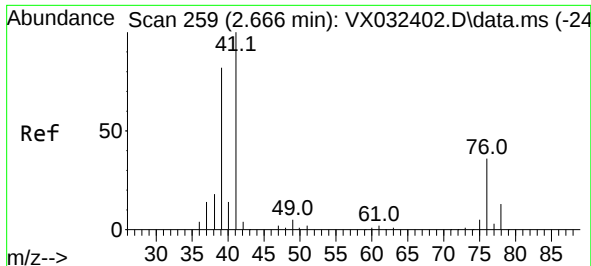
Tgt Ion:168 Resp: 109809
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 5.264 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

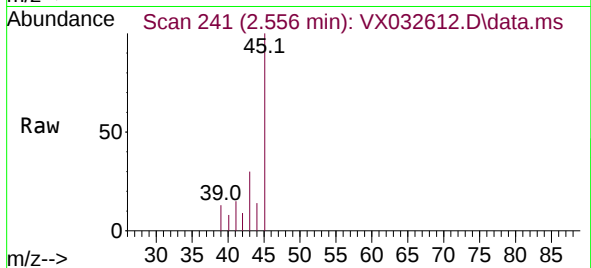
Tgt Ion: 59 Resp: 1169
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



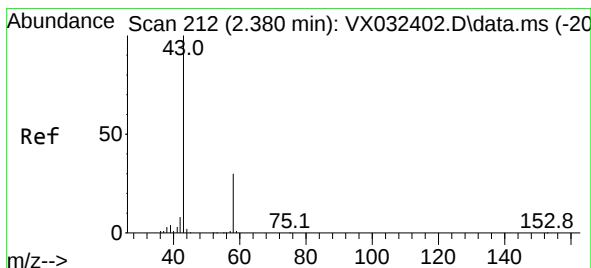
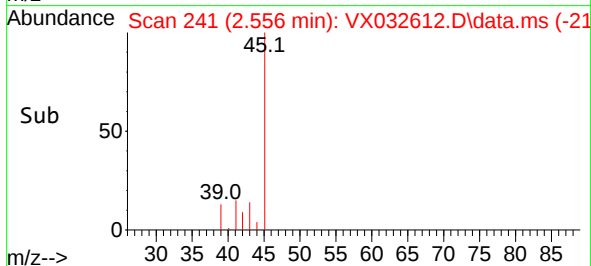
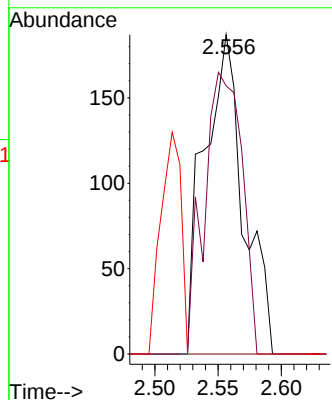


#14
 Allyl chloride
 Concen: 0.231 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.110 min
 Lab File: VX032612.D
 Acq: 05 Nov 2022 07:52

Instrument :
 MSVOA_X
 ClientSampleId :

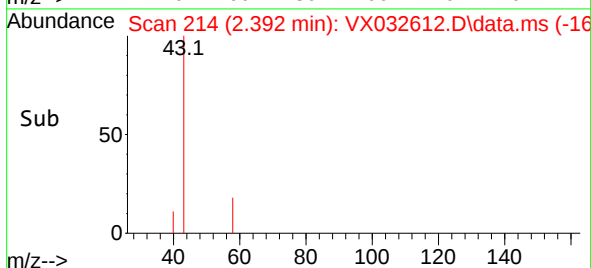
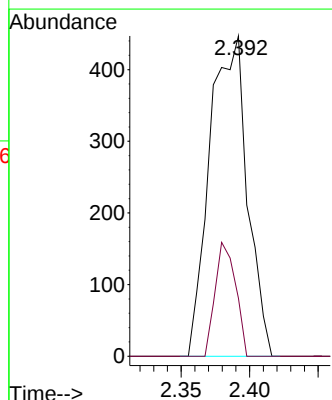
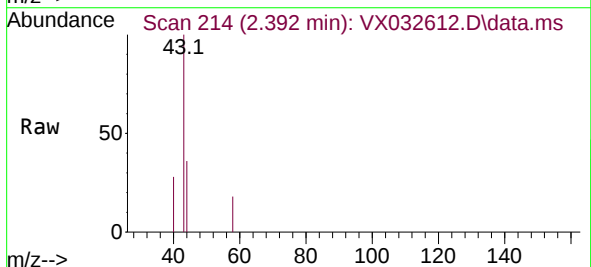


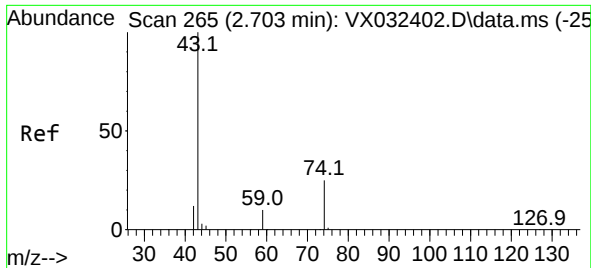
Tgt Ion	Ratio	Lower	Upper
41	100		
39	84.9	61.4	92.2
76	0.0	29.2	43.8#



#16
 Acetone
 Concen: 1.536 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX032612.D
 Acq: 05 Nov 2022 07:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.1	23.8	35.8#

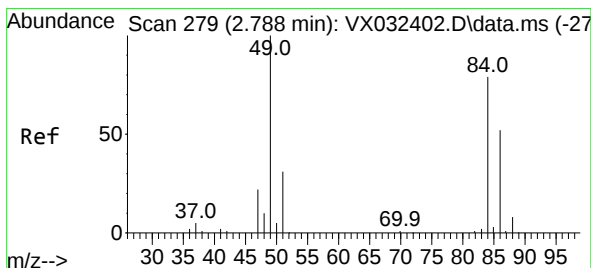
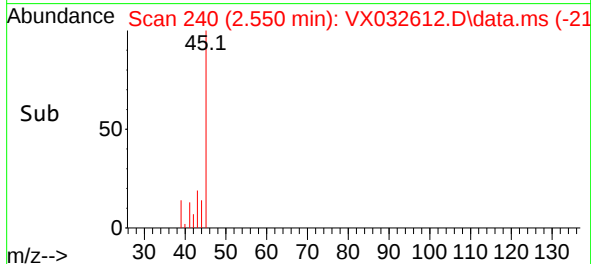
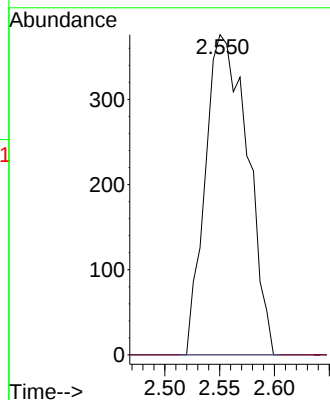
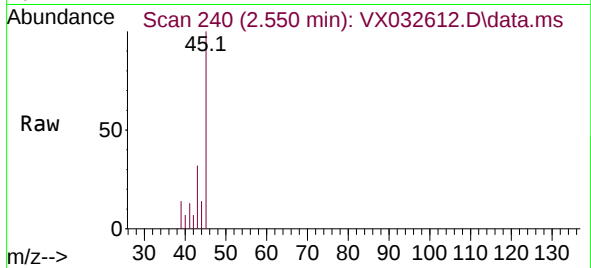




#18
Methyl Acetate
Concen: 0.559 ug/l
RT: 2.550 min Scan# 241
Delta R.T. -0.152 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

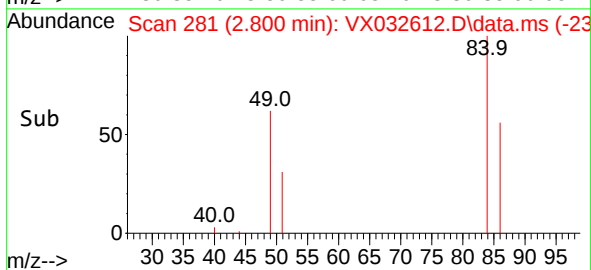
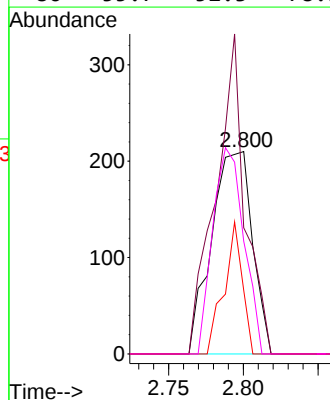
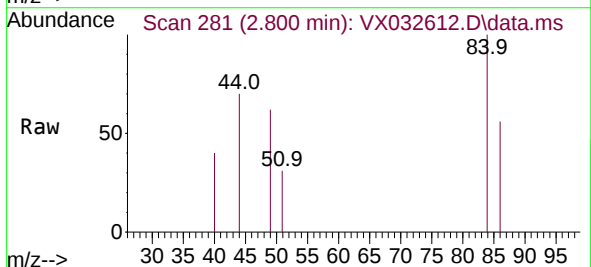
Instrument :
MSVOA_X
ClientSampleId :

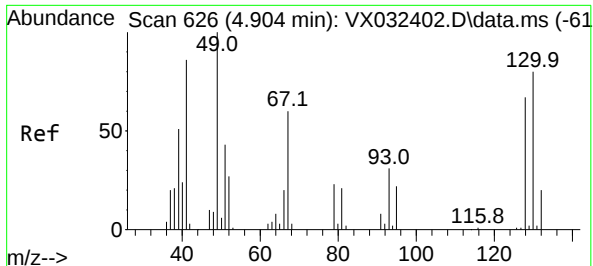
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Tgt Ion: 84 Resp: 399
Ion Ratio Lower Upper
84 100
49 62.4 101.0 151.6#
51 31.4 31.1 46.7
86 55.7 52.3 78.5

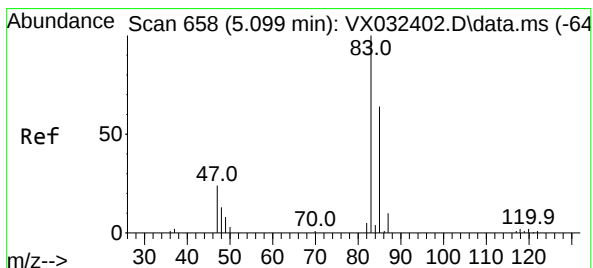
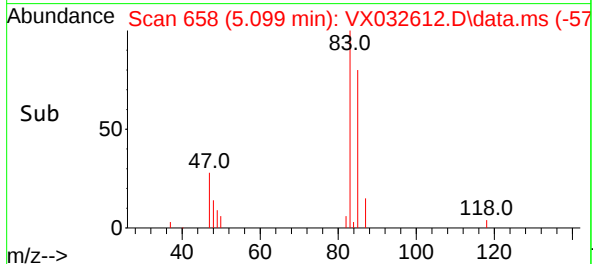
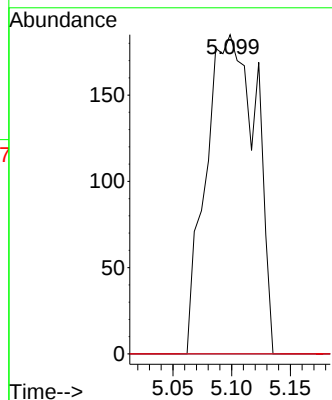
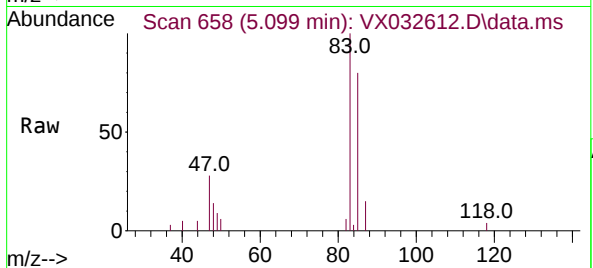




#28
Bromochloromethane
Concen: 0.703 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

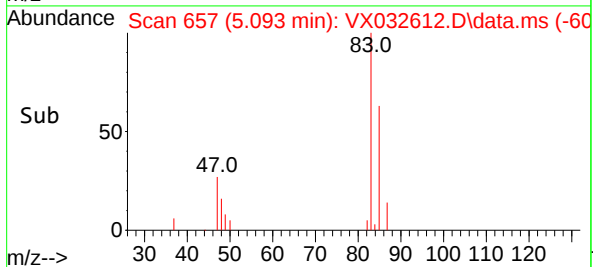
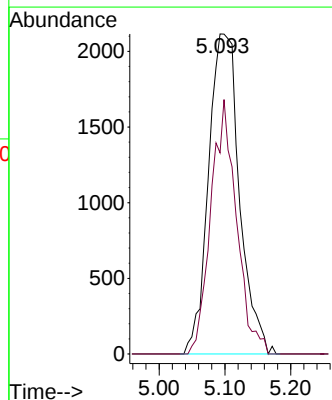
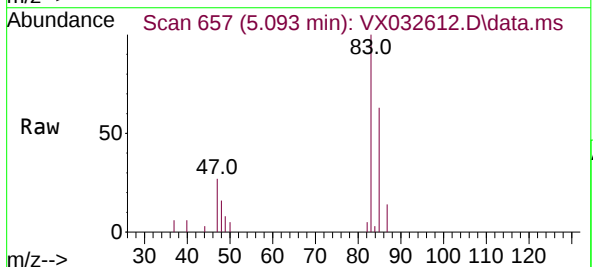
Instrument :
MSVOA_X
ClientSampleId :

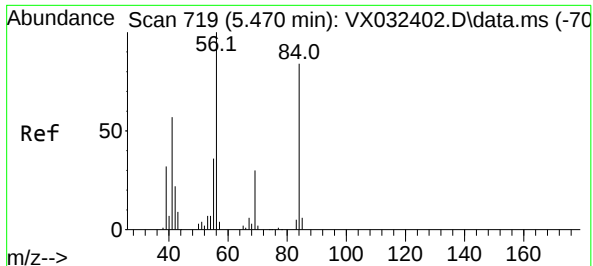
Tgt Ion: 49 Resp: 547
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 2.898 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

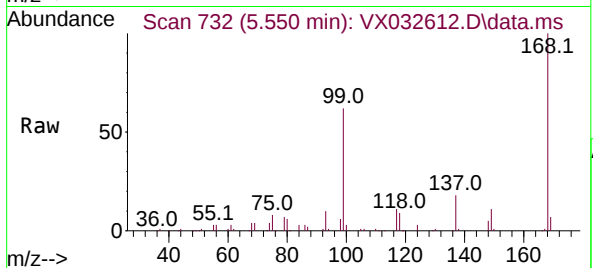
Tgt Ion: 83 Resp: 6945
Ion Ratio Lower Upper
83 100
85 62.8 51.1 76.7



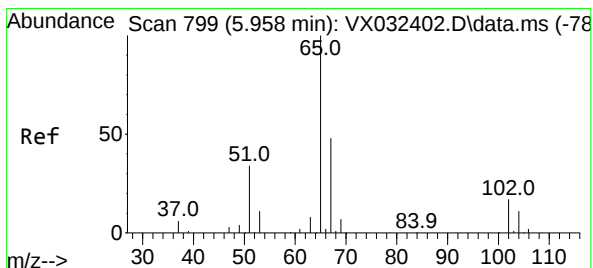
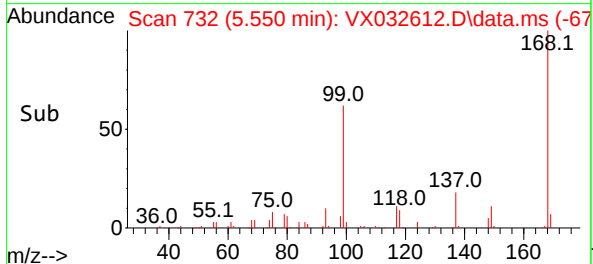
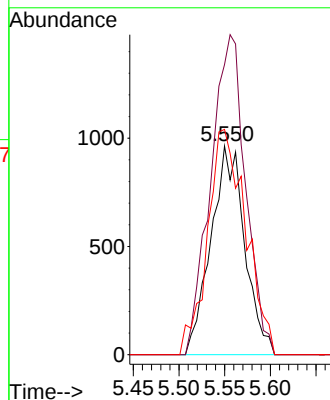


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Instrument :
MSVOA_X
ClientSampleId :

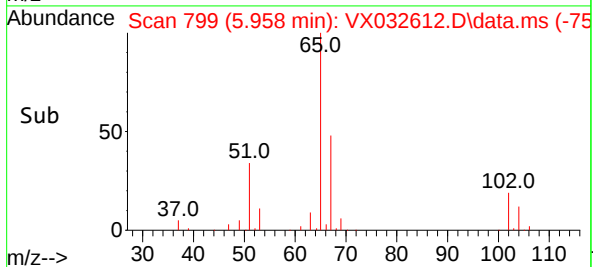
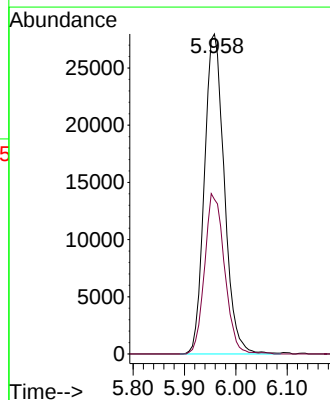
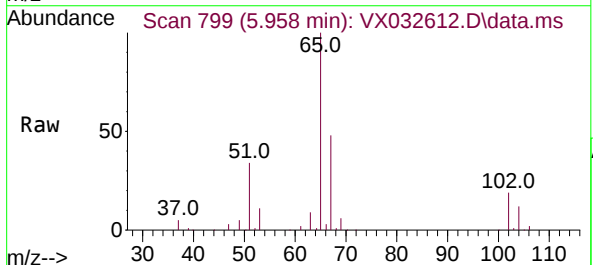


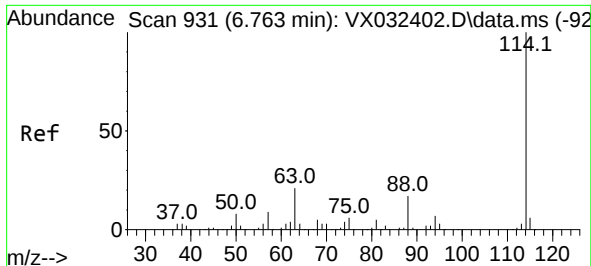
Tgt Ion: 56 Resp: 2476
Ion Ratio Lower Upper
56 100
69 139.0 24.1 36.1#
84 108.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.191 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Tgt Ion: 65 Resp: 75054
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

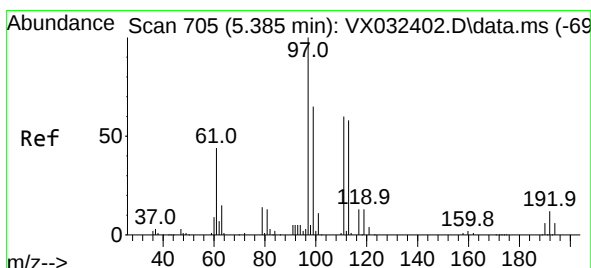
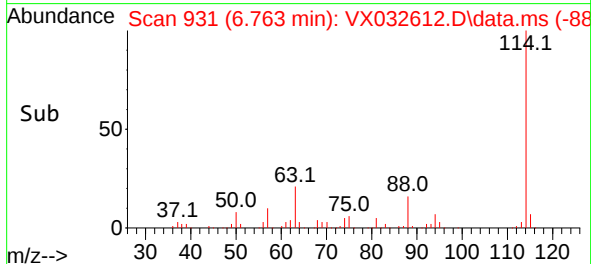
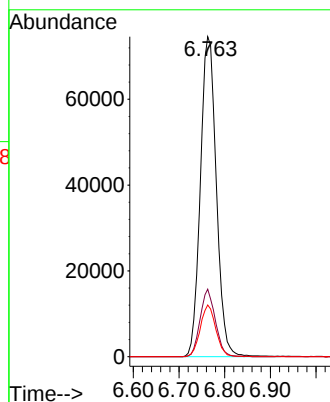
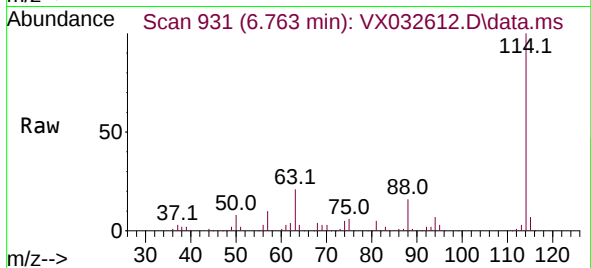




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

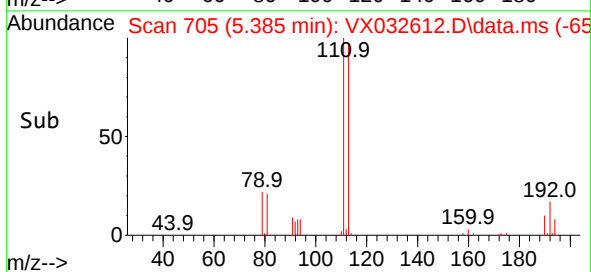
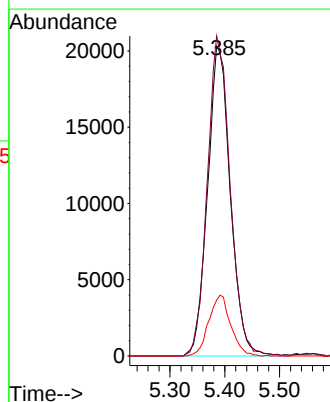
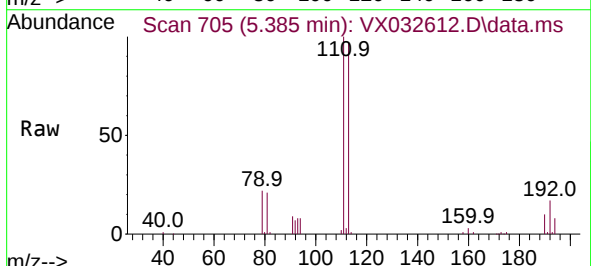
Instrument :
MSVOA_X
ClientSampleId :

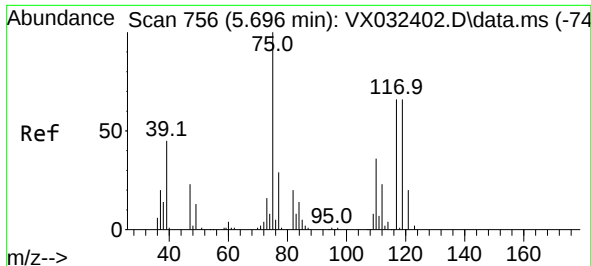
Tgt Ion:114 Resp: 180568
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Tgt Ion:113 Resp: 58504
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.9 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

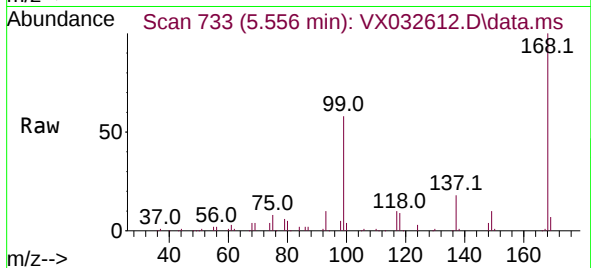
Lab File: VX032612.D

Acq: 05 Nov 2022 07:52

Instrument :

MSVOA_X

ClientSampleId :



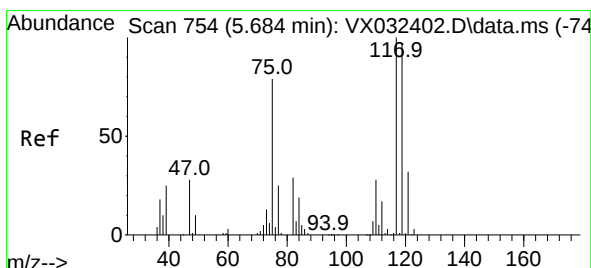
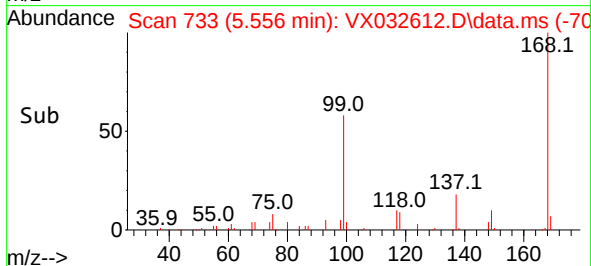
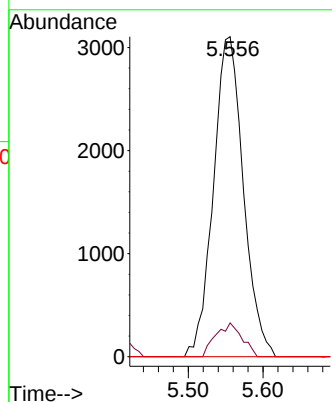
Tgt Ion: 75 Resp: 8660

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.482 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032612.D

Acq: 05 Nov 2022 07:52

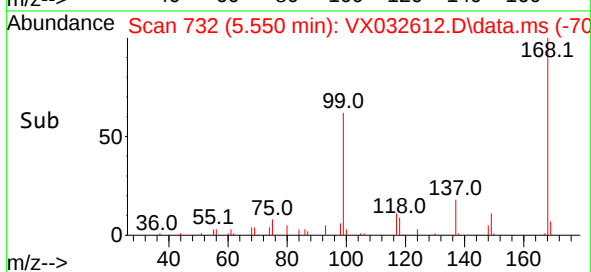
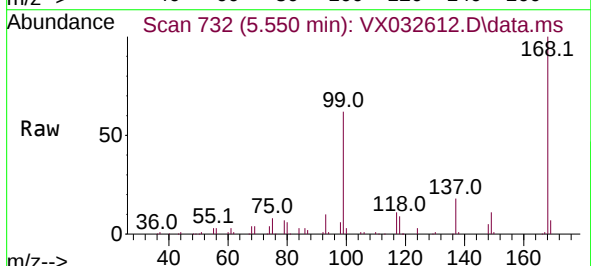
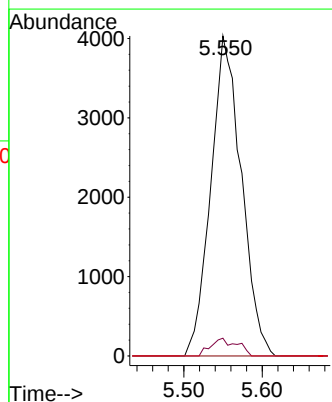
Tgt Ion: 117 Resp: 10906

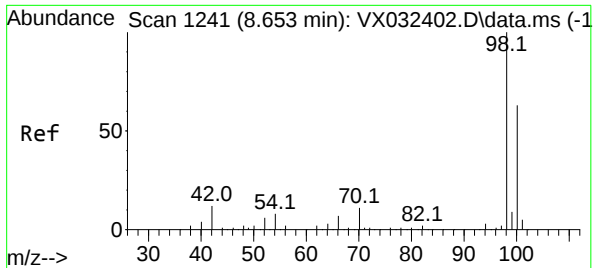
Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

121 0.0 25.8 38.6#

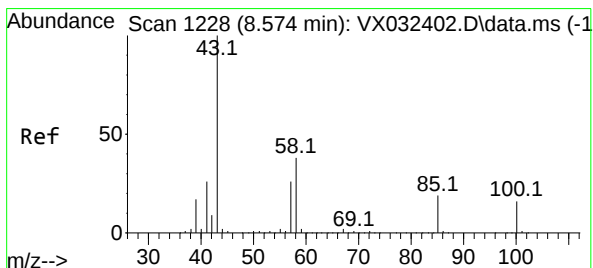
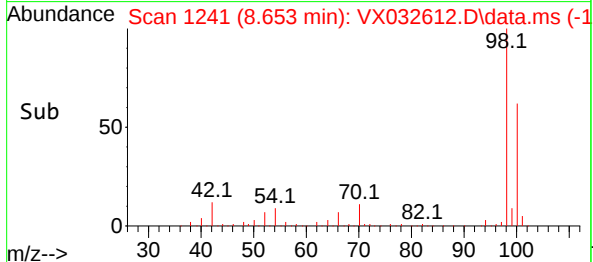
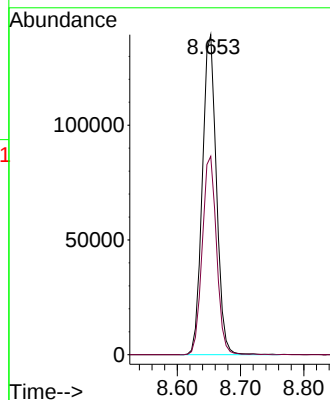
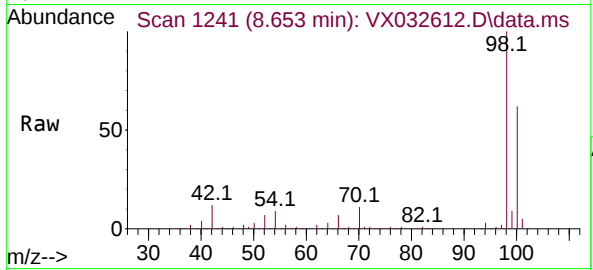




#50
Toluene-d8
Concen: 48.249 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

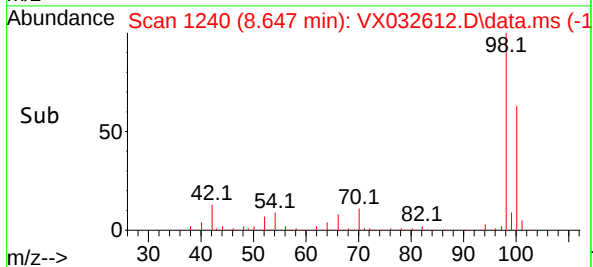
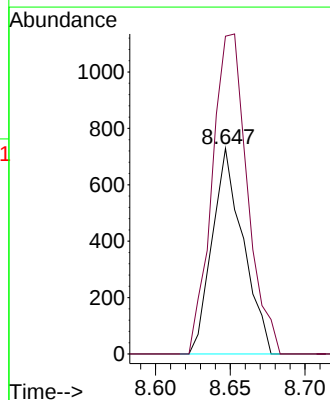
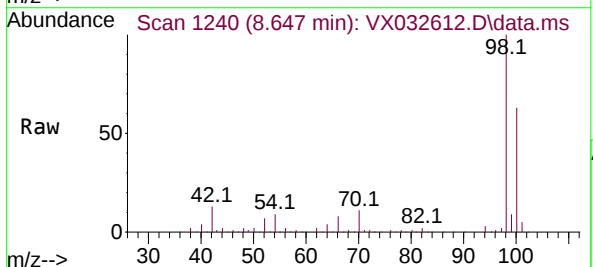
Instrument :
MSVOA_X
ClientSampleId :

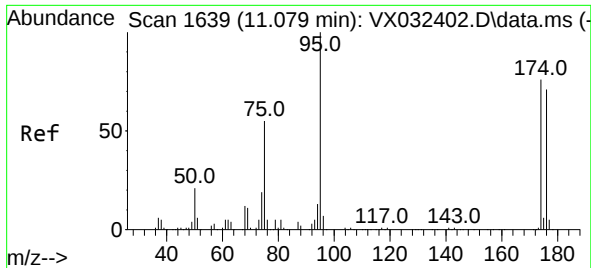
Tgt Ion: 98 Resp: 216092
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 177.0 30.9 46.3#

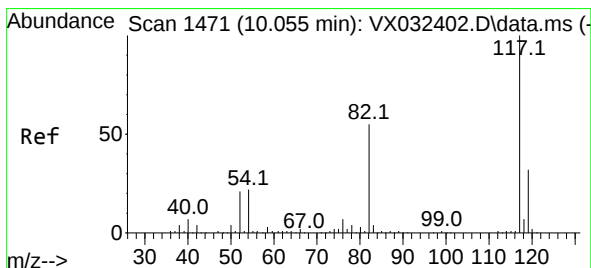
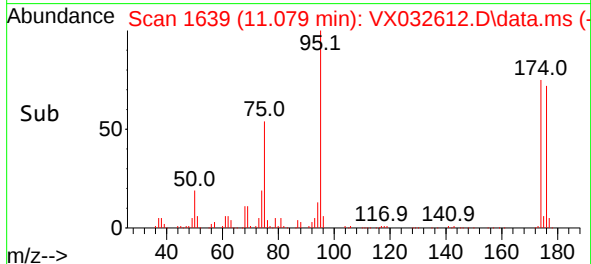
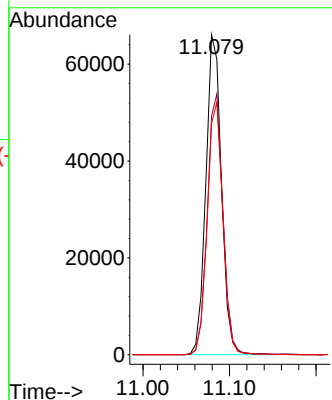
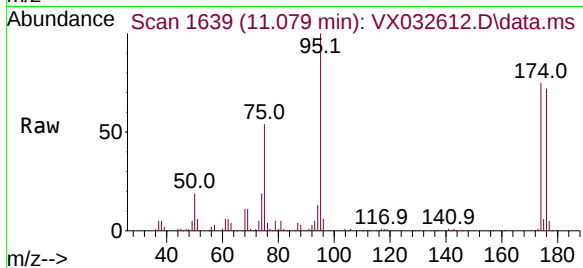




#62
4-Bromofluorobenzene
Concen: 47.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

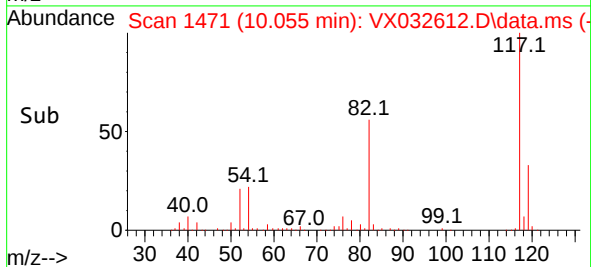
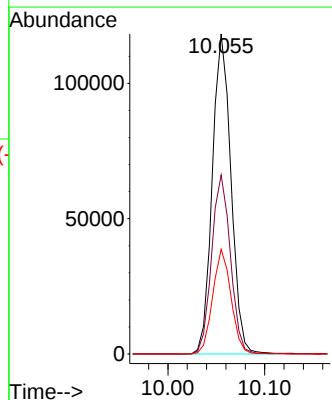
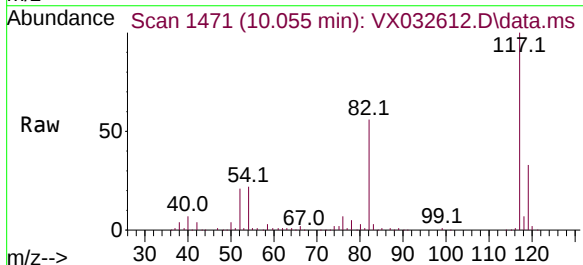
Instrument :
MSVOA_X
ClientSampleId :

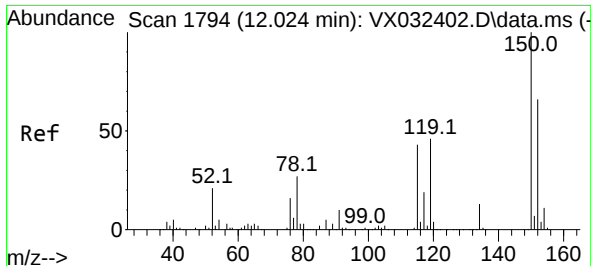
Tgt Ion: 95 Resp: 82439
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032612.D
Acq: 05 Nov 2022 07:52

Tgt Ion: 117 Resp: 158308
Ion Ratio Lower Upper
117 100
82 56.0 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# 1

Delta R.T. 0.000 min

Lab File: VX032612.D

Acq: 05 Nov 2022 07:52

Instrument :

MSVOA_X

ClientSampleId :

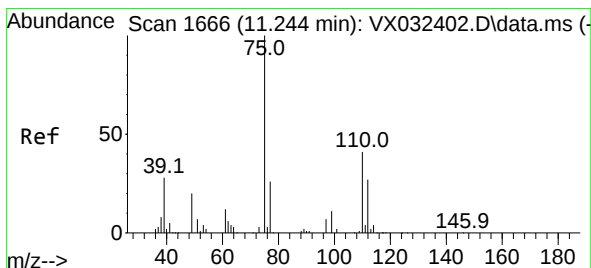
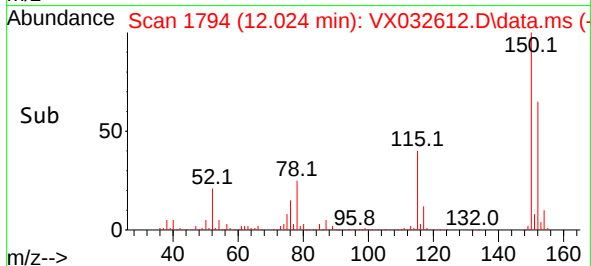
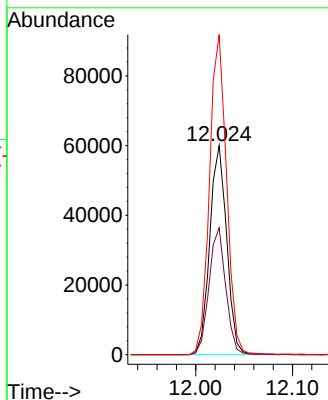
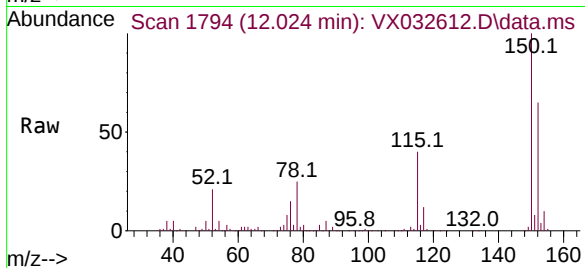
Tgt Ion:152 Resp: 73144

Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 154.5 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 28.085 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX032612.D

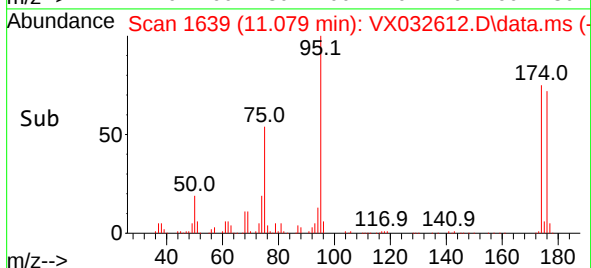
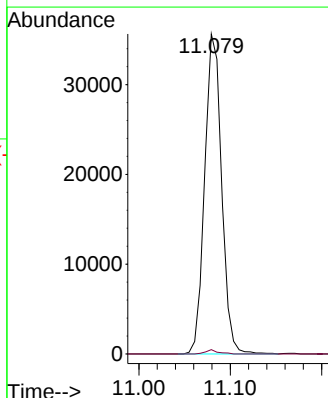
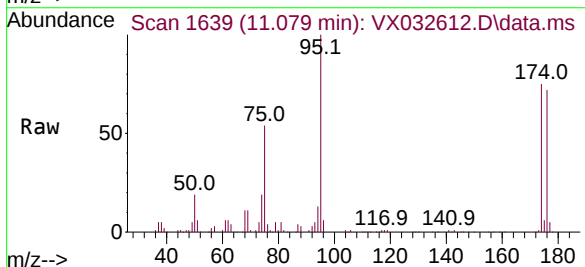
Acq: 05 Nov 2022 07:52

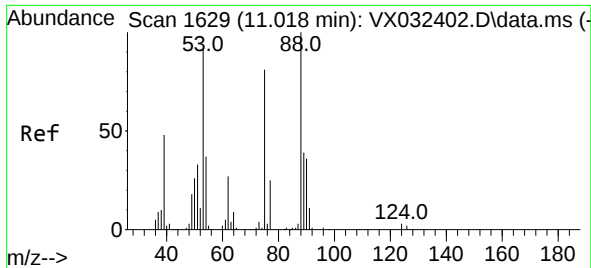
Tgt Ion: 75 Resp: 45702

Ion Ratio Lower Upper

75 100

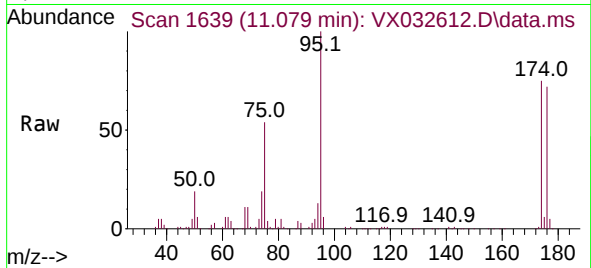
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.367 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032612.D
 Acq: 05 Nov 2022 07:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 45702
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

