

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032576.D
 Acq On : 04 Nov 2022 15:05
 Operator : JC/MD
 Sample : N5474-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:37:19 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)

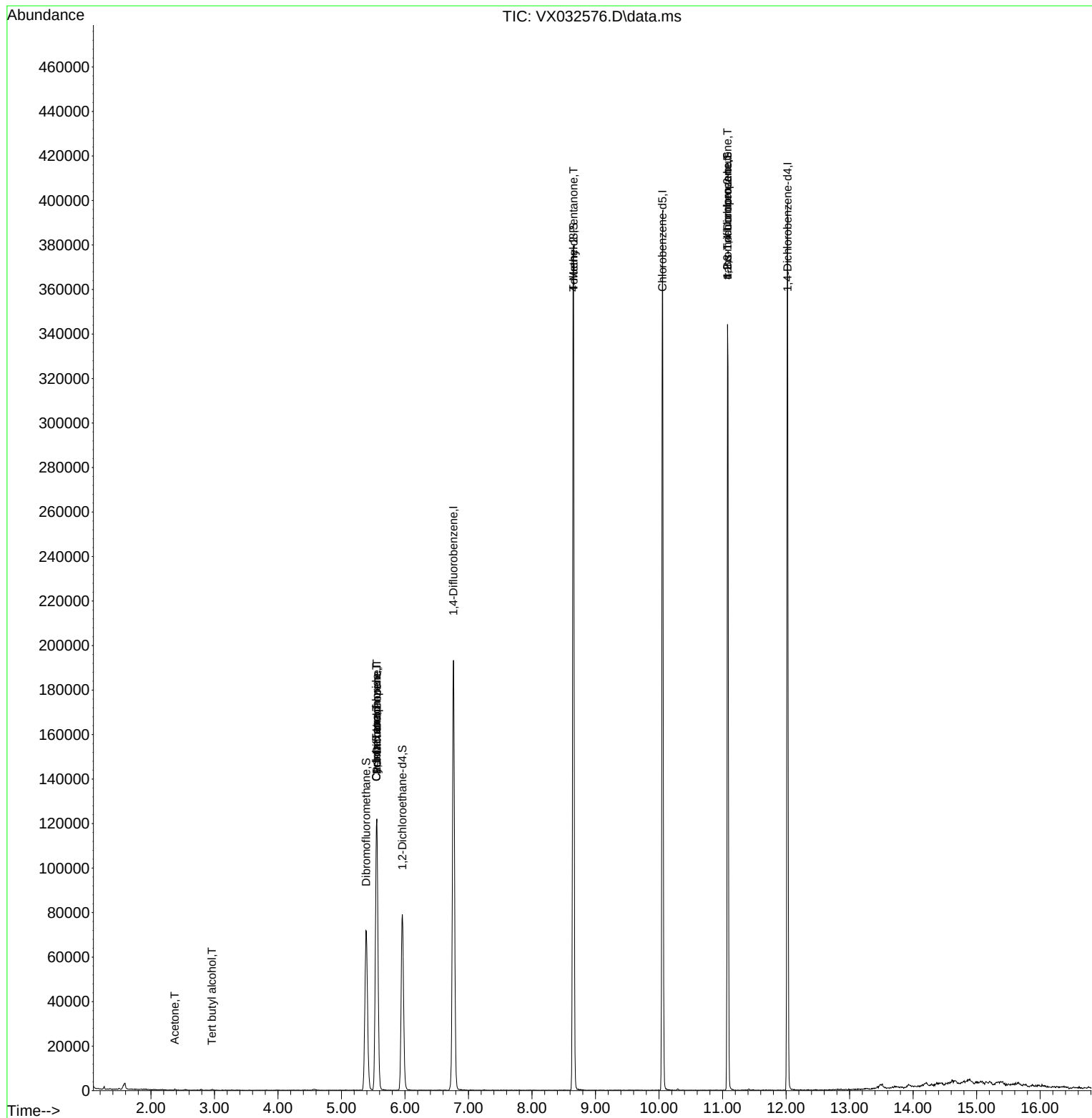
Internal Standards						
1) Pentafluorobenzene	5.556	168	114828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79690	49.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.385	113	61740	44.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.680%
50) Toluene-d8	8.653	98	229007	47.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	86541	46.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	576	2.480	ug/l #	72
16) Acetone	2.373	43	577	0.995	ug/l	94
31) Cyclohexane	5.550	56	2559	1.323	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8885	4.633	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11672	5.488	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1002	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47417	26.465	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47417	84.213	ug/l #	6

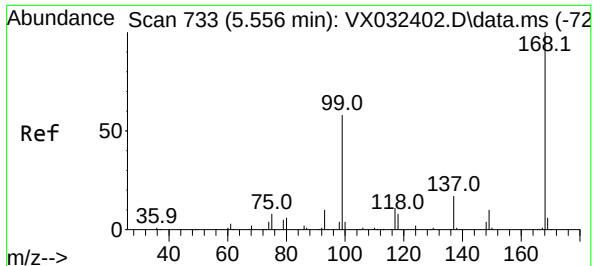
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

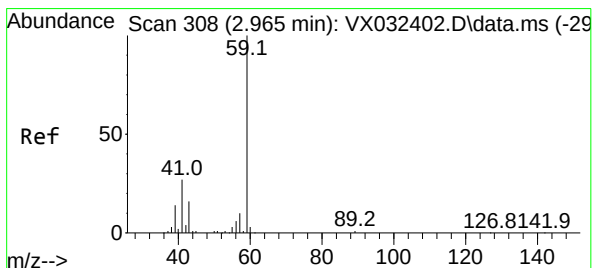
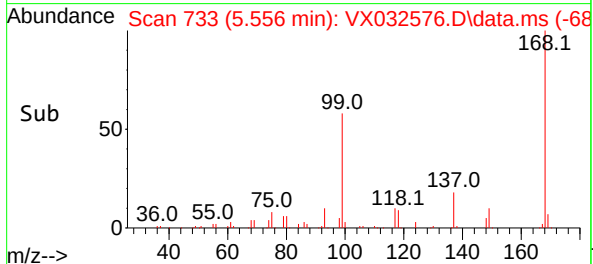
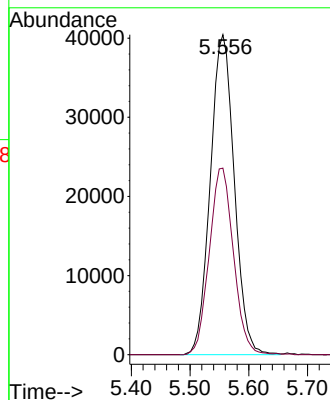
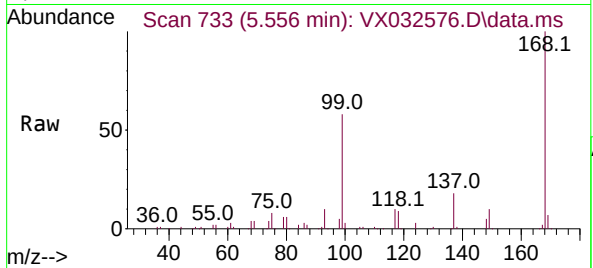




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

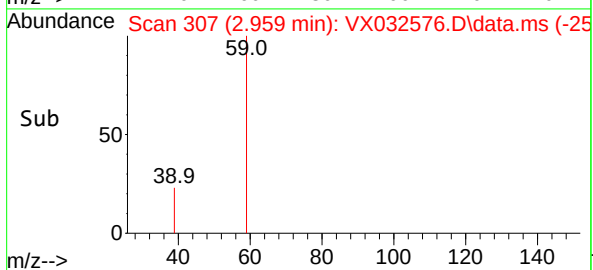
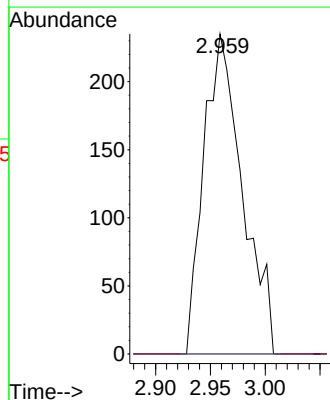
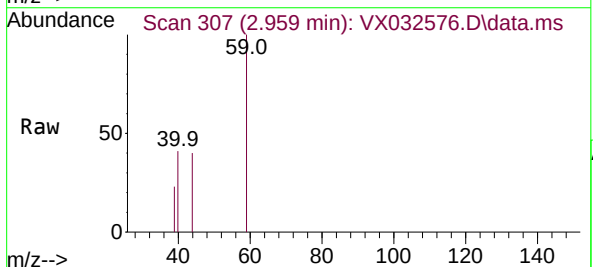
Instrument :
MSVOA_X
ClientSampleId :

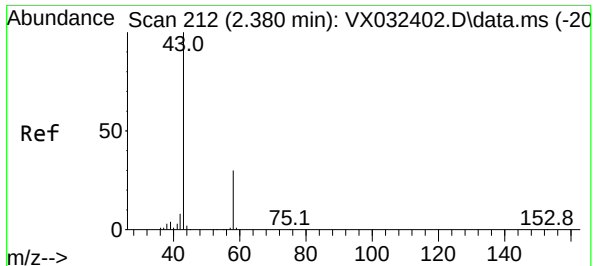
Tgt Ion:168 Resp: 114828
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.480 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

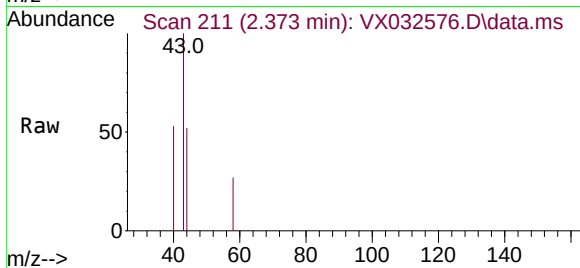
Tgt Ion: 59 Resp: 576
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



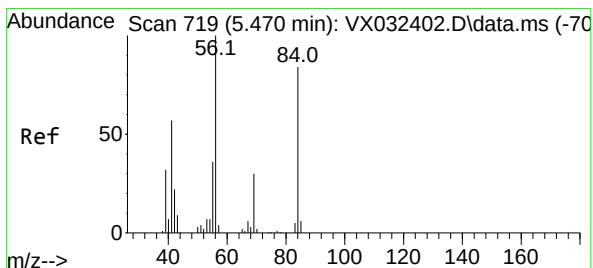
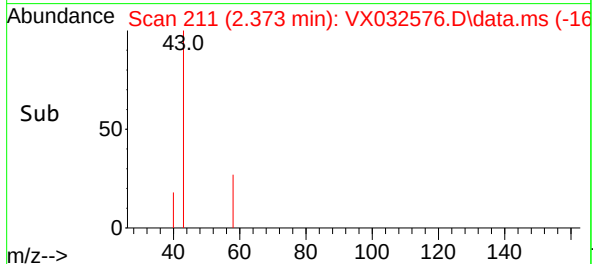
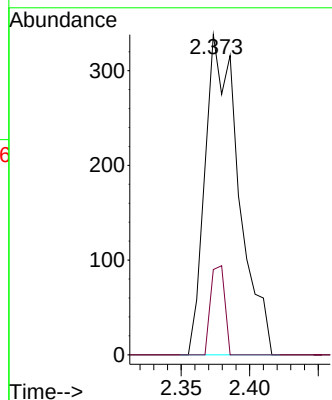


#16
Acetone
Concen: 0.995 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :

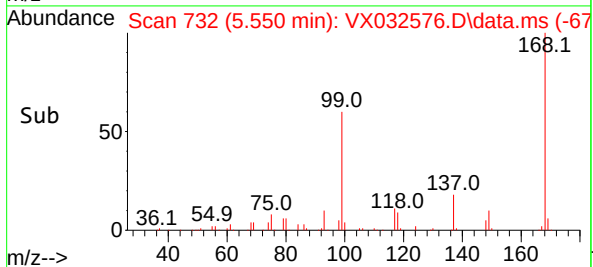
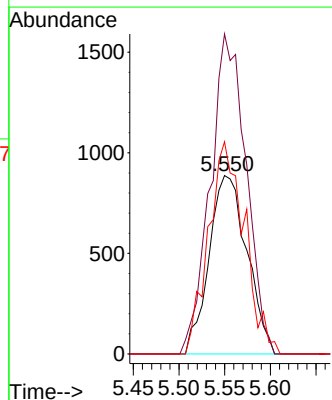
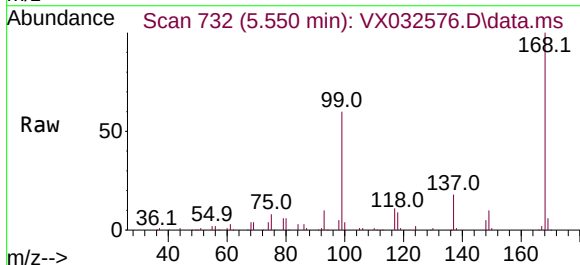


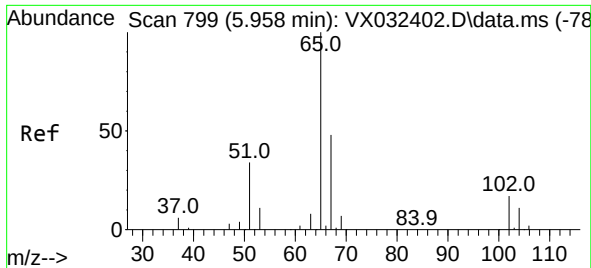
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 26.6 23.8 35.8



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 179.4 24.1 36.1#
84 118.9 66.9 100.3#

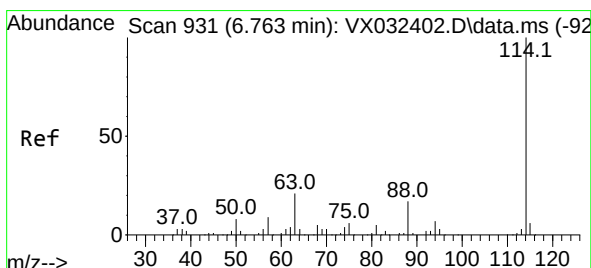
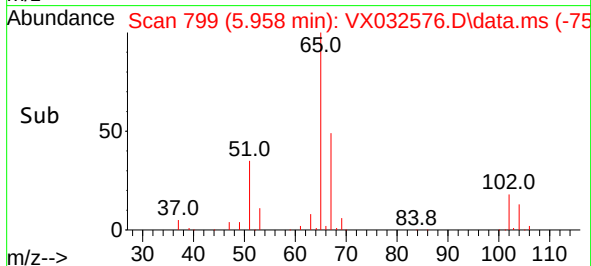
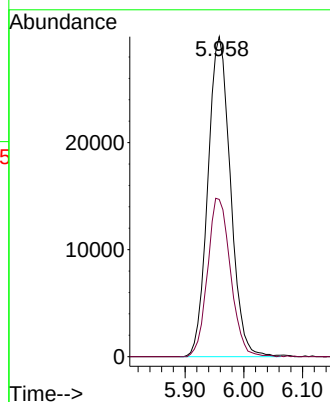
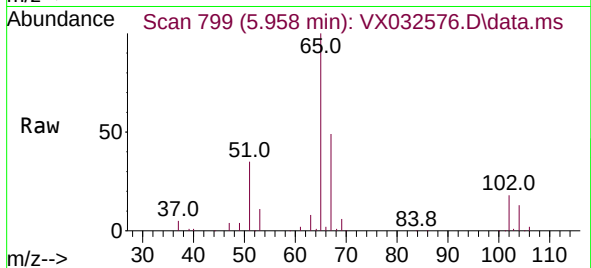




#33
 1,2-Dichloroethane-d4
 Concen: 49.946 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032576.D
 Acq: 04 Nov 2022 15:05

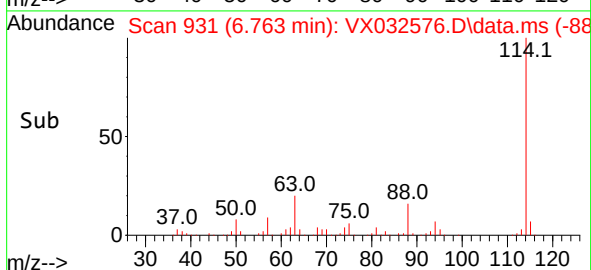
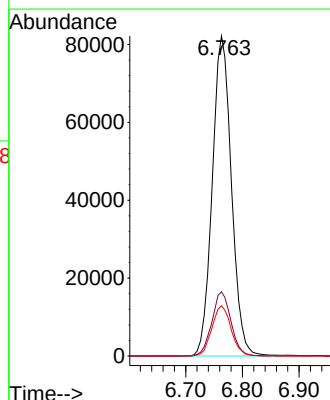
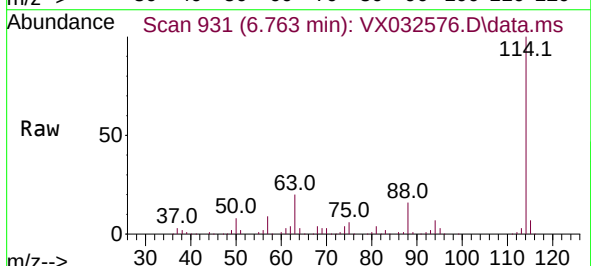
Instrument :
 MSVOA_X
 ClientSampleId :

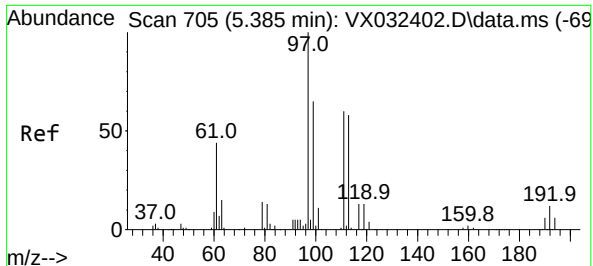
Tgt Ion: 65 Resp: 79690
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032576.D
 Acq: 04 Nov 2022 15:05

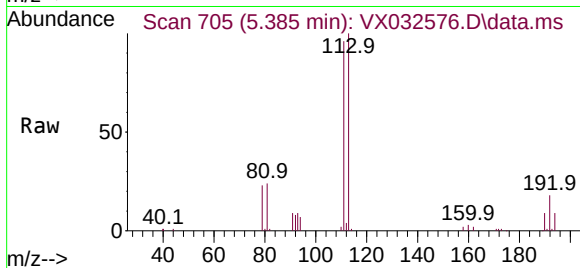
Tgt Ion: 114 Resp: 193046
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.7 0.0 33.4



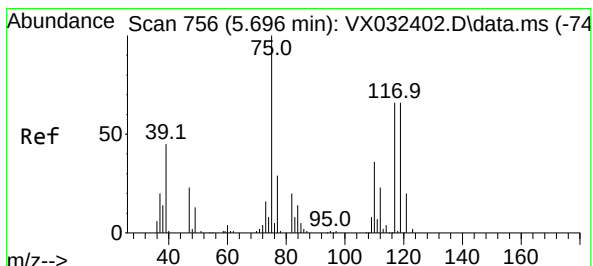
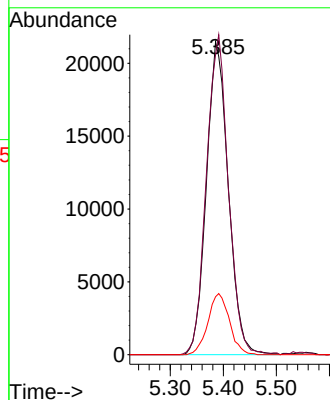
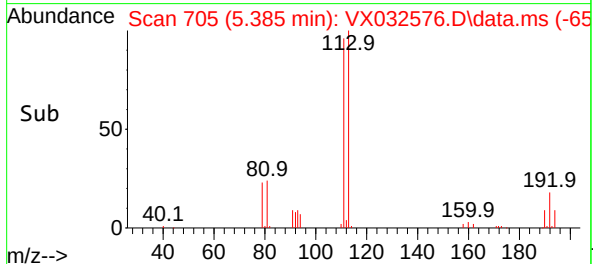


#35
Dibromofluoromethane
Concen: 44.836 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :

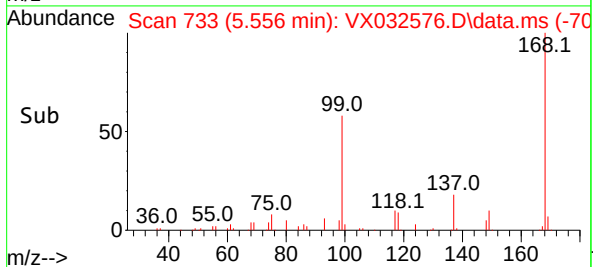
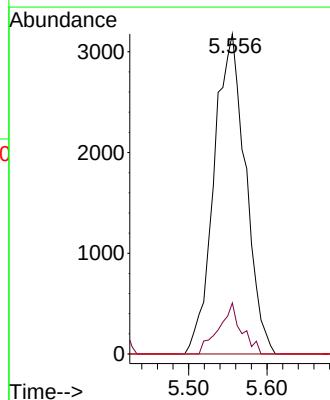
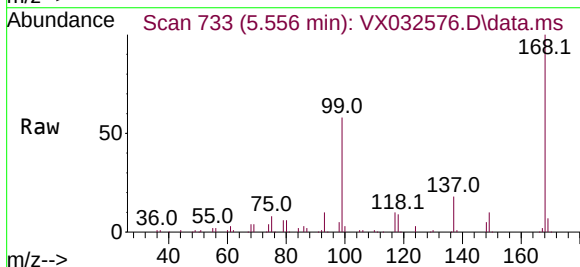


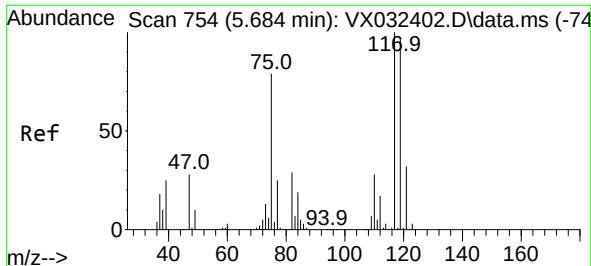
Tgt Ion:113 Resp: 61740
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

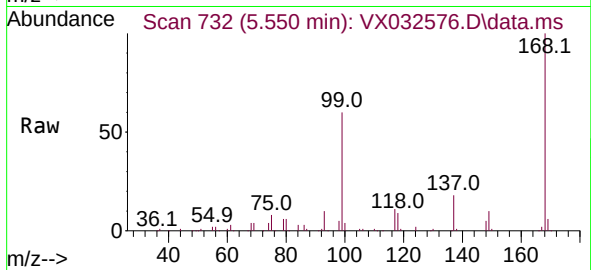
Tgt Ion: 75 Resp: 8885
Ion Ratio Lower Upper
75 100
110 11.5 18.4 55.2#
77 0.0 24.5 36.7#



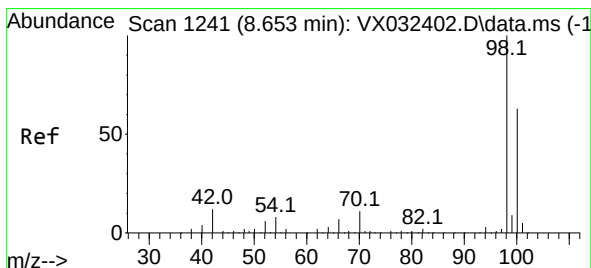
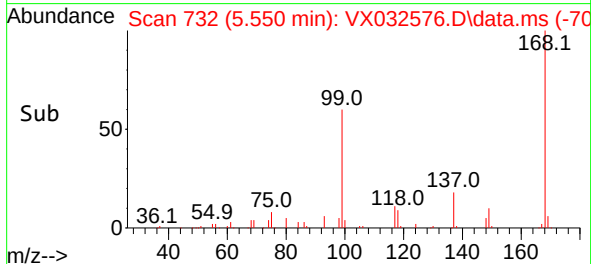
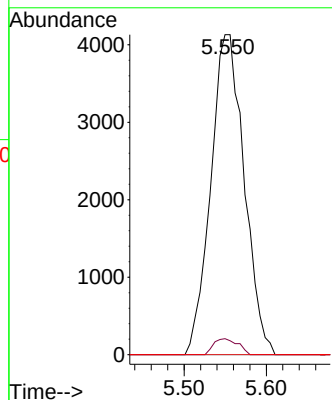


#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :

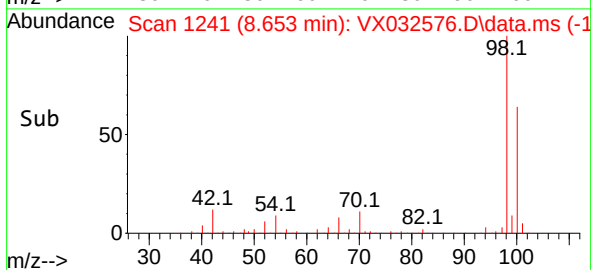
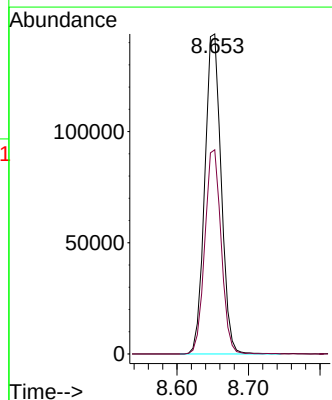
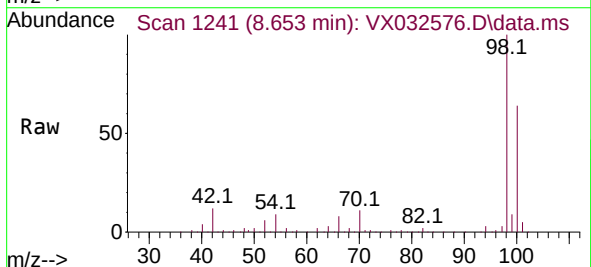


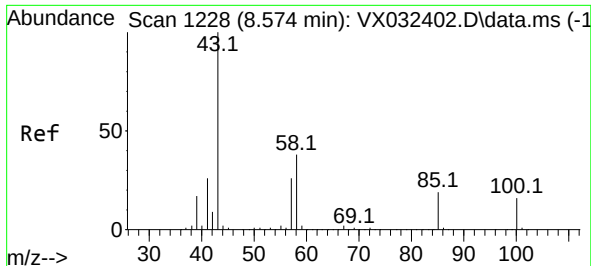
Tgt Ion:117 Resp: 11672
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.827 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Tgt Ion: 98 Resp: 229007
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.519 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032576.D

Acq: 04 Nov 2022 15:05

Instrument :

MSVOA_X

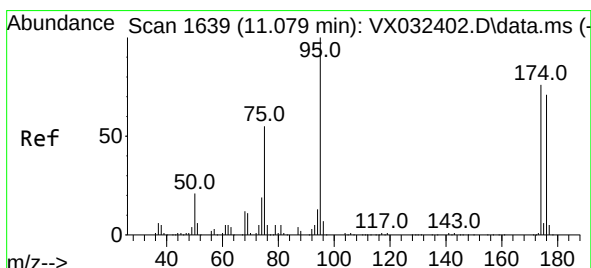
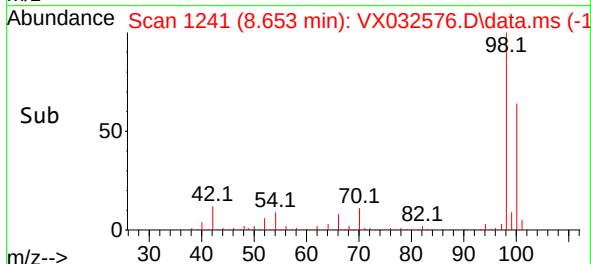
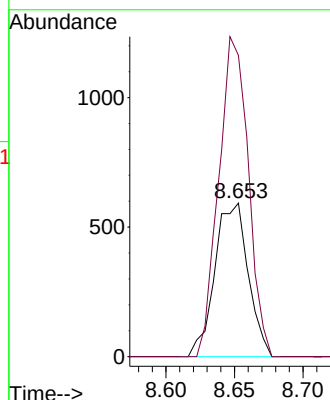
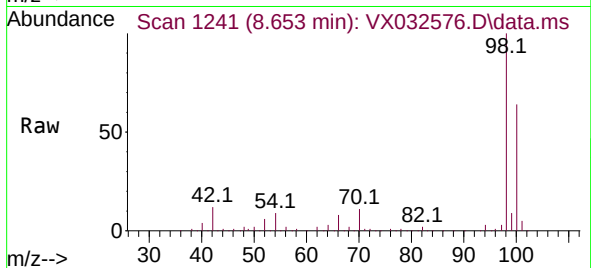
ClientSampleId :

Tgt Ion: 43 Resp: 1002

Ion Ratio Lower Upper

43 100

58 185.2 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.269 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032576.D

Acq: 04 Nov 2022 15:05

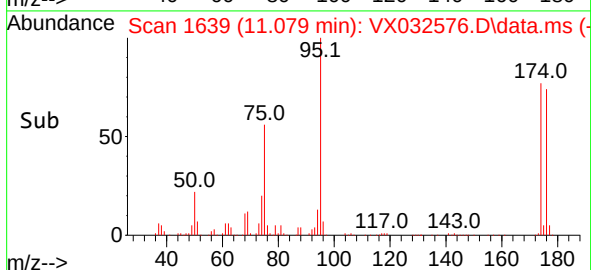
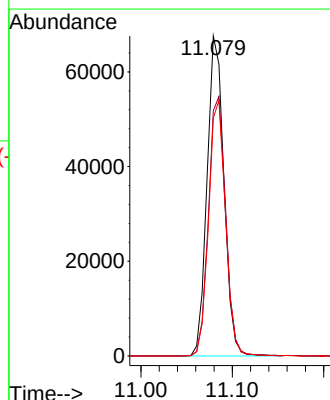
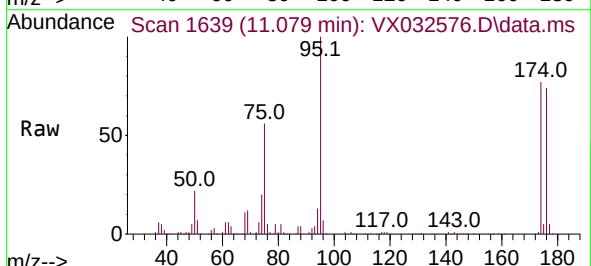
Tgt Ion: 95 Resp: 86541

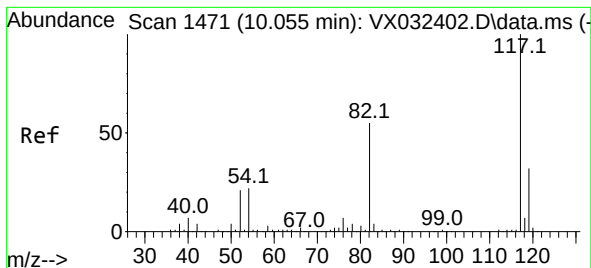
Ion Ratio Lower Upper

95 100

174 82.7 0.0 164.0

176 80.1 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: VX032576.D

Acq: 04 Nov 2022 15:05

Instrument :

MSVOA_X

ClientSampleId :

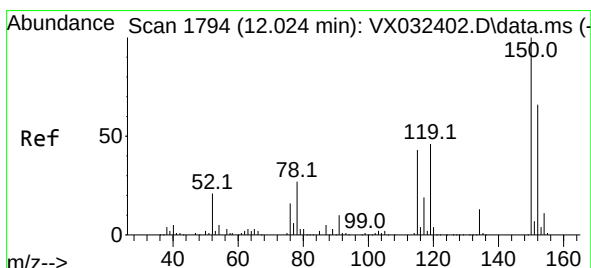
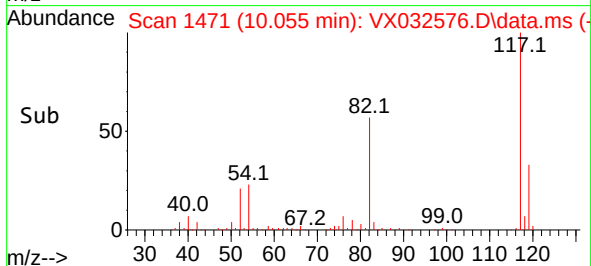
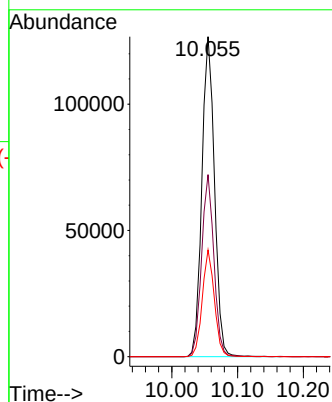
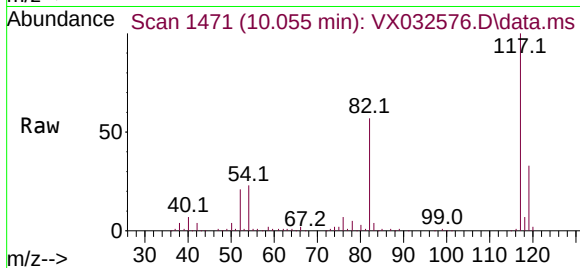
Tgt Ion:117 Resp: 168600

Ion Ratio Lower Upper

117 100

82 56.9 44.3 66.5

119 33.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX032576.D

Acq: 04 Nov 2022 15:05

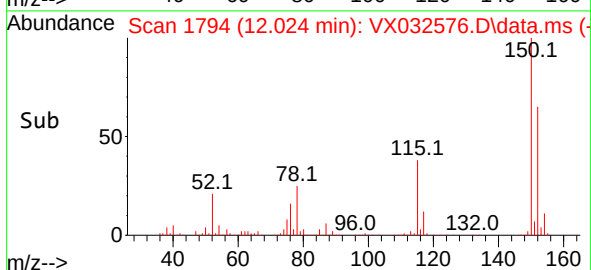
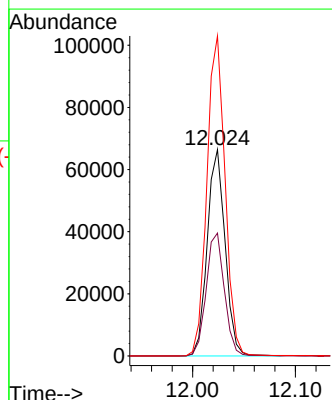
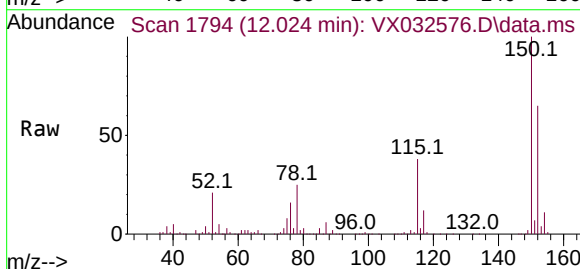
Tgt Ion:152 Resp: 80533

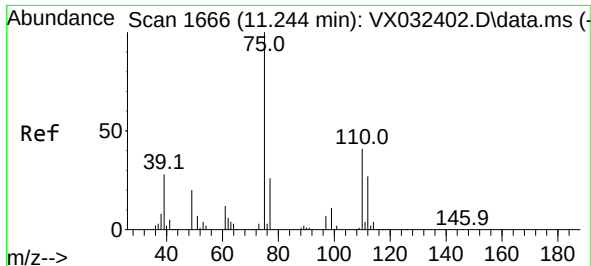
Ion Ratio Lower Upper

152 100

115 60.8 44.0 132.0

150 157.4 0.0 351.8

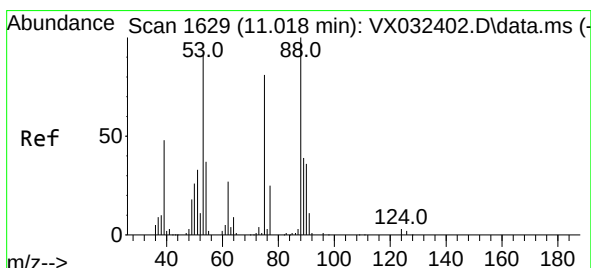
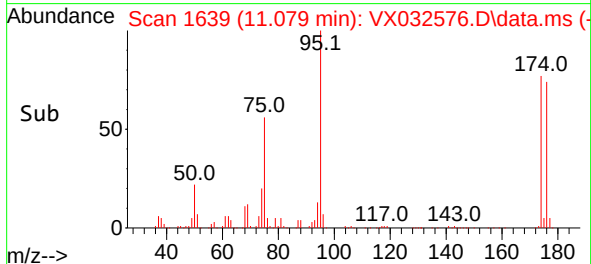
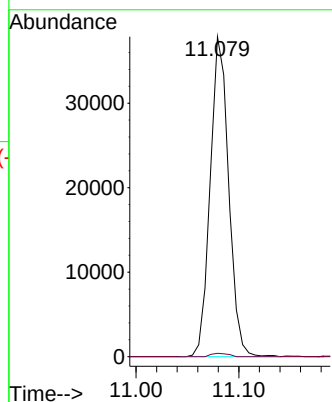
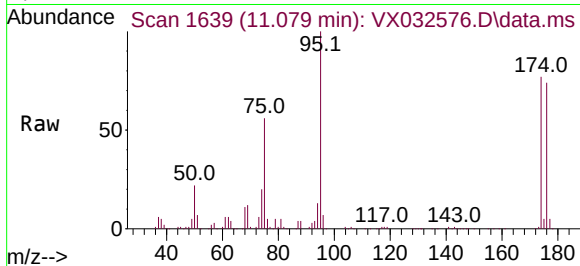




#76
1,2,3-Trichloropropane
Concen: 26.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47417
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Tgt Ion: 75 Resp: 47417
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

