

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032578.D
 Acq On : 04 Nov 2022 15:52
 Operator : JC/MD
 Sample : N5476-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:37:47 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)

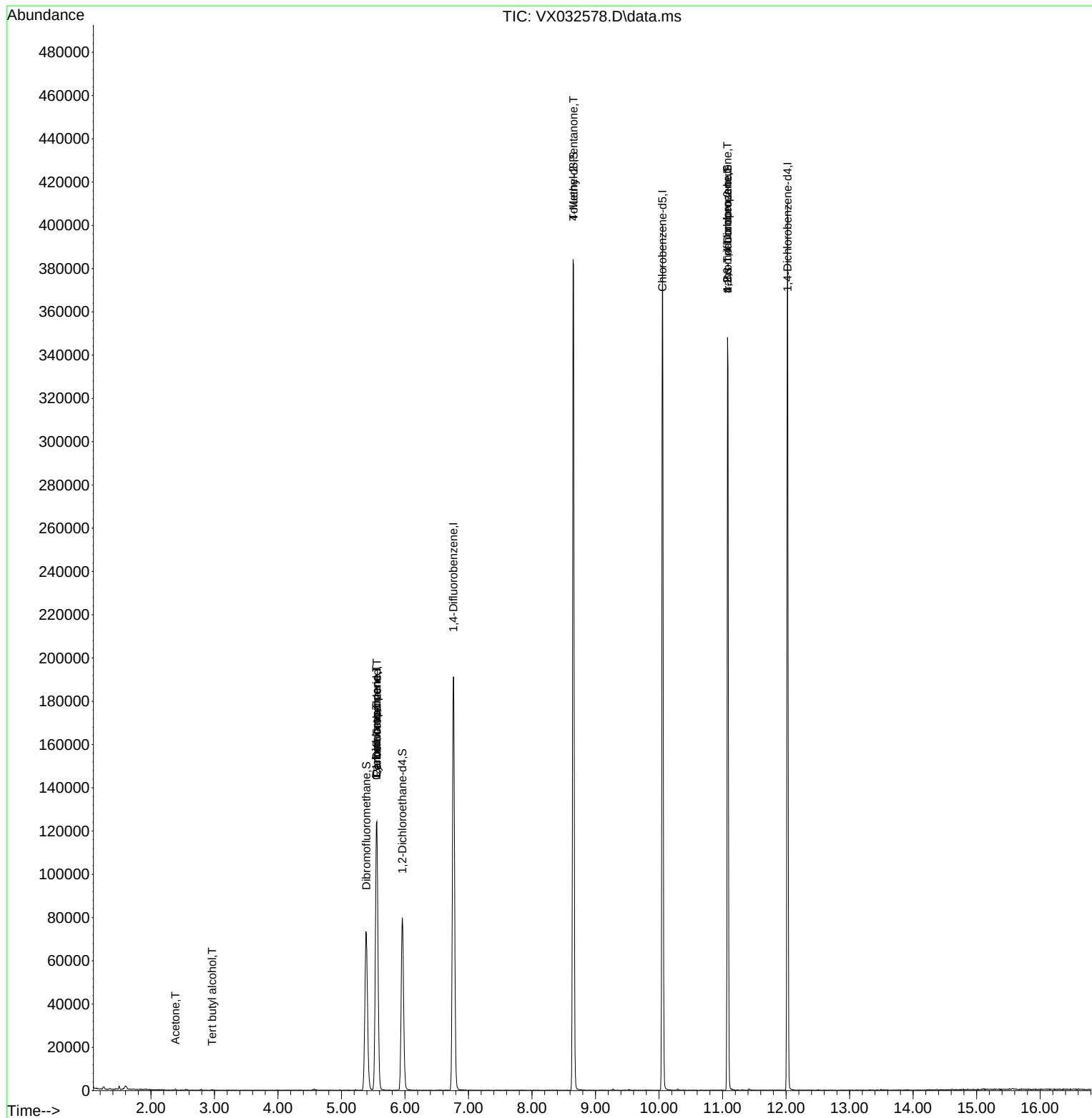
Internal Standards						
1) Pentafluorobenzene	5.556	168	117632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80126	49.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.040%
35) Dibromofluoromethane	5.391	113	62826	45.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.340%
50) Toluene-d8	8.653	98	233425	48.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	87333	46.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	436	1.833	ug/l #	72
16) Acetone	2.386	43	697	1.173	ug/l	89
31) Cyclohexane	5.550	56	2556	1.290	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	9187	4.743	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12357	5.752	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1052	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49042	26.797	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49042	85.269	ug/l #	6

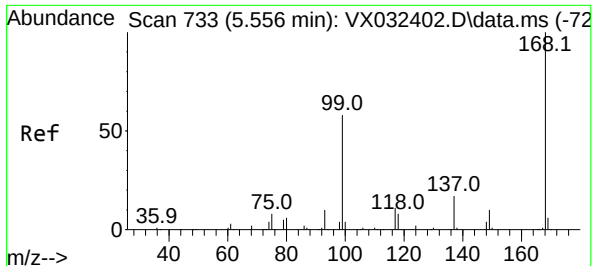
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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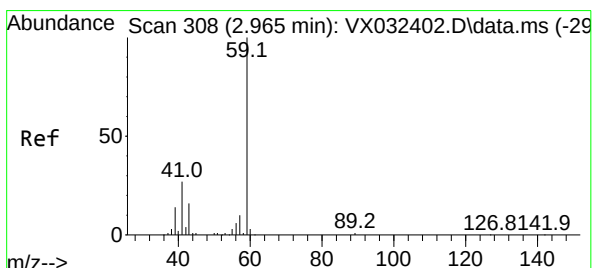
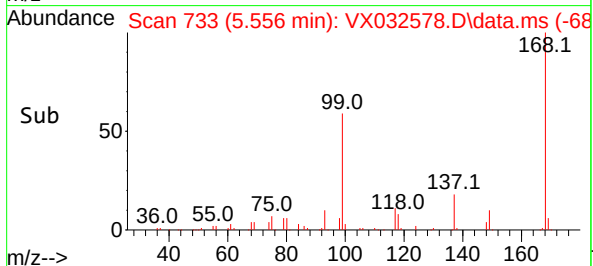
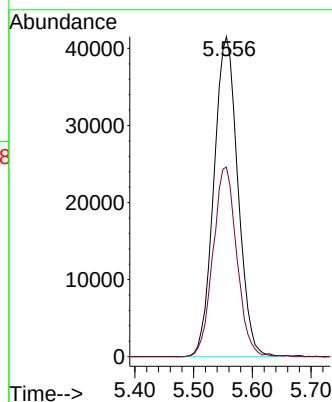
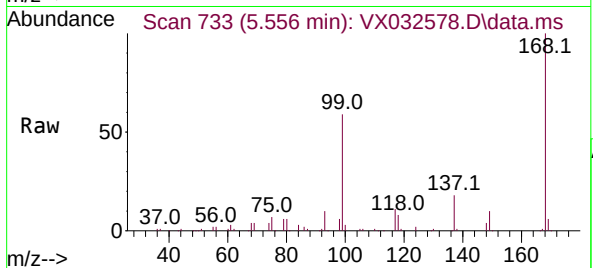




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

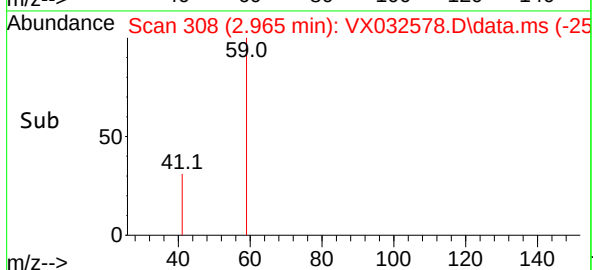
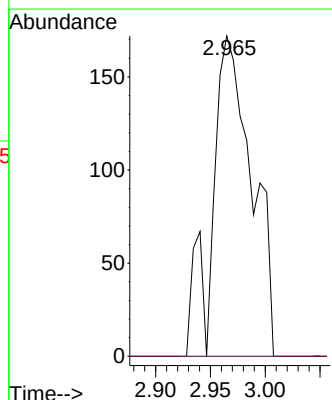
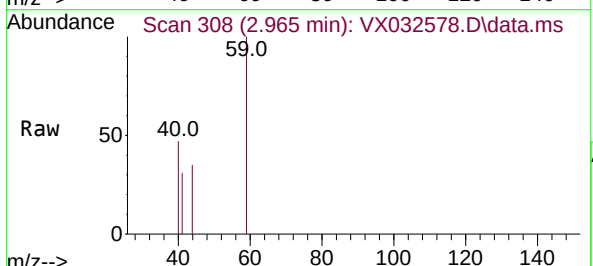
Instrument :
MSVOA_X
ClientSampleId :

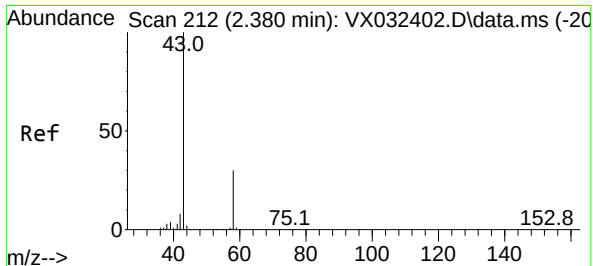
Tgt Ion:168 Resp: 117632
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.833 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

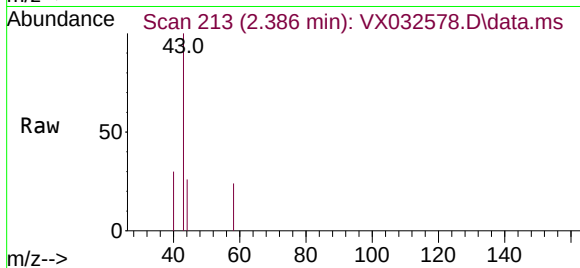
Tgt Ion: 59 Resp: 436
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



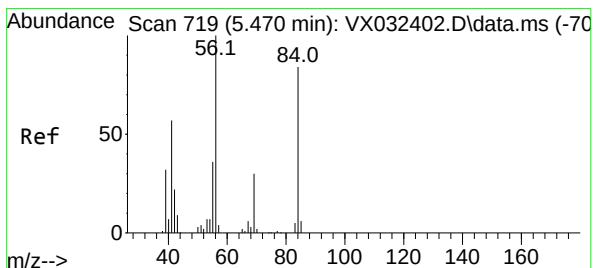
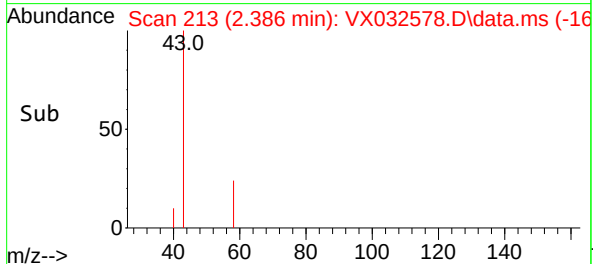
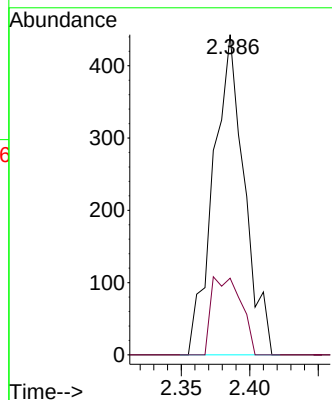


#16
Acetone
Concen: 1.173 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :

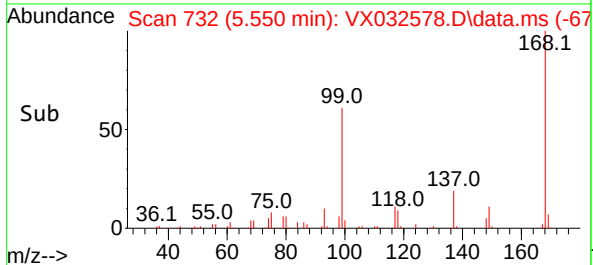
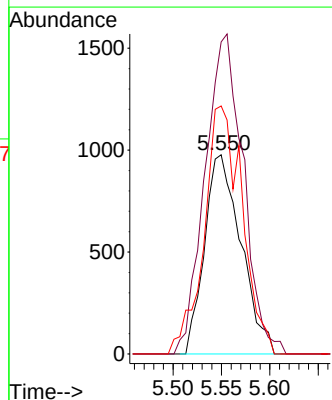
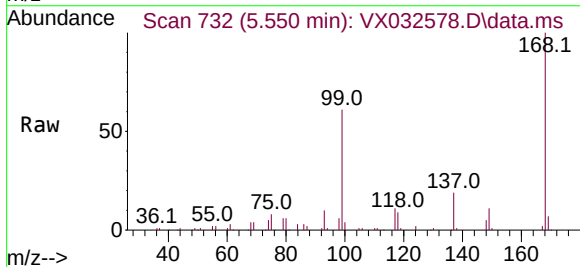


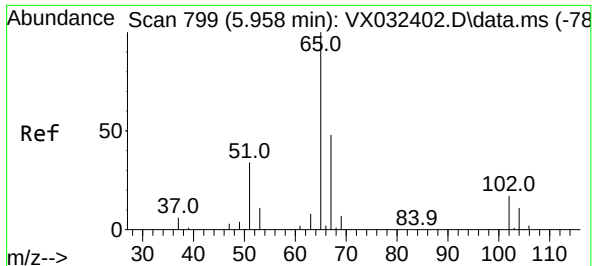
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
58 23.9 23.8 35.8



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Tgt Ion: 56 Resp: 2556
Ion Ratio Lower Upper
56 100
69 150.4 24.1 36.1#
84 124.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.023 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032578.D

Acq: 04 Nov 2022 15:52

Instrument :

MSVOA_X

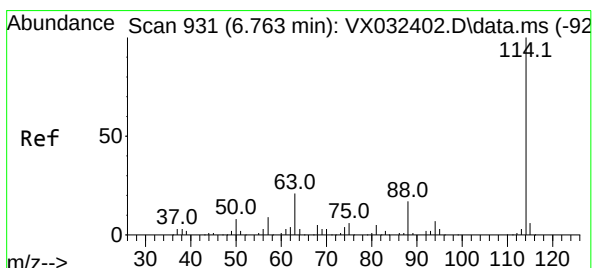
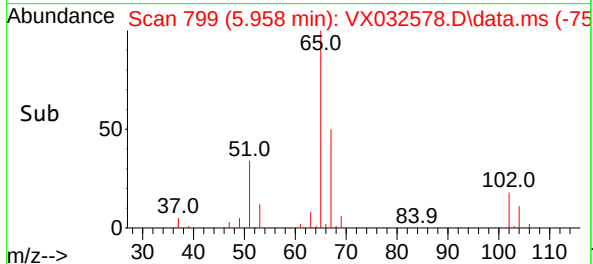
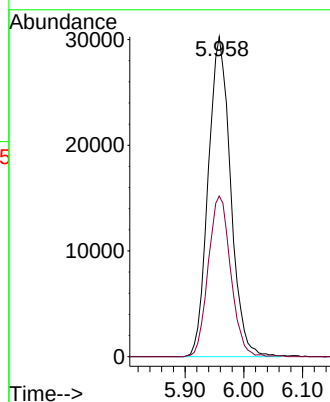
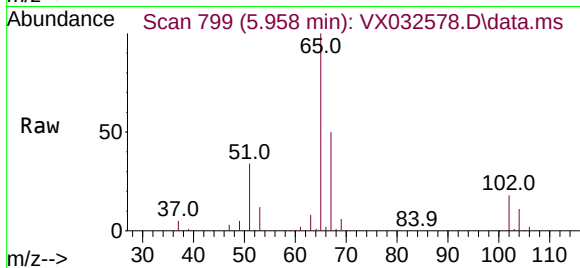
ClientSampleId :

Tgt Ion: 65 Resp: 80126

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# 931

Delta R.T. -0.000 min

Lab File: VX032578.D

Acq: 04 Nov 2022 15:52

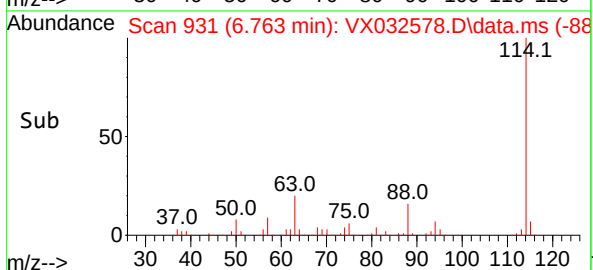
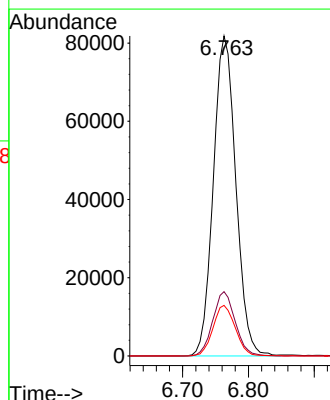
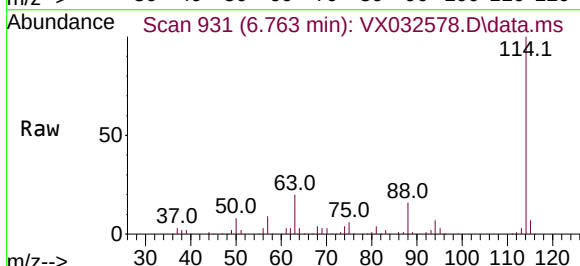
Tgt Ion: 114 Resp: 195002

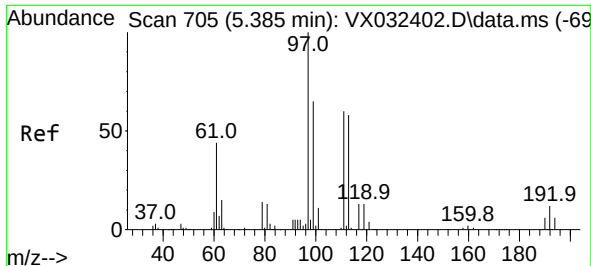
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

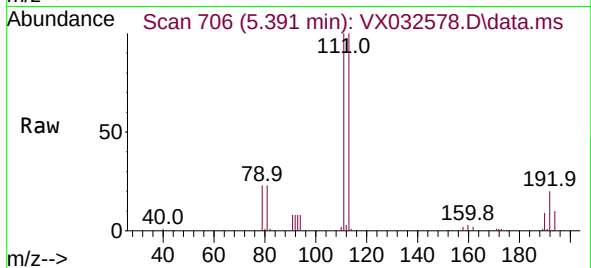
88 15.8 0.0 33.4



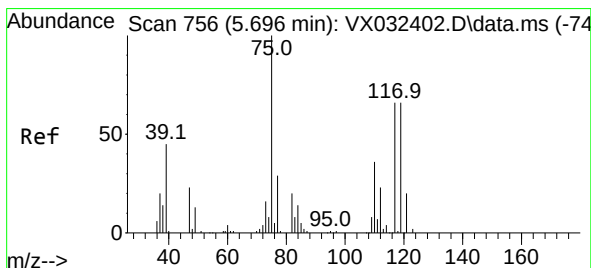
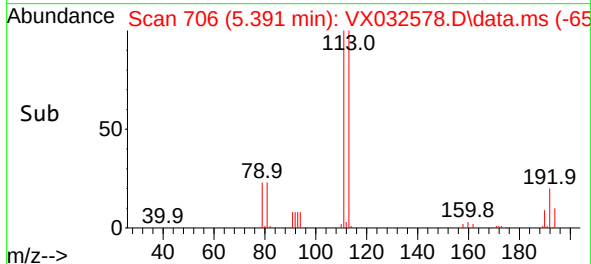
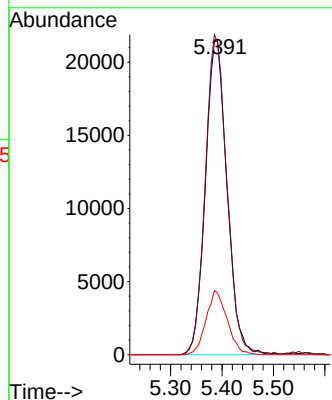


#35
Dibromofluoromethane
Concen: 45.167 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :

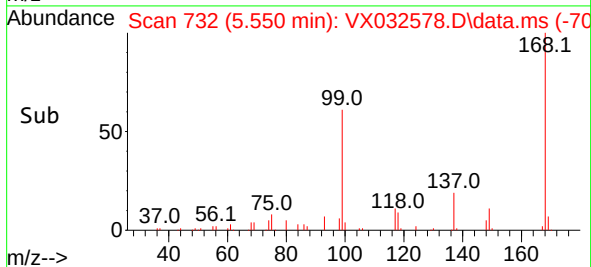
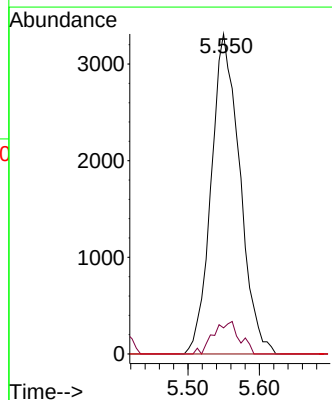
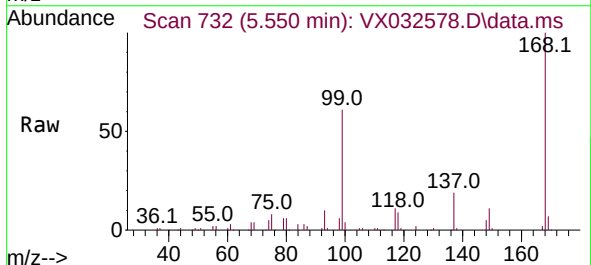


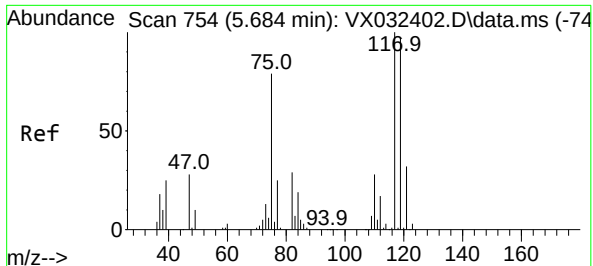
Tgt Ion:113 Resp: 62826
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 19.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

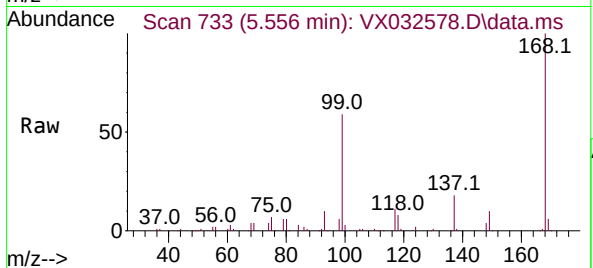
Tgt Ion: 75 Resp: 9187
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



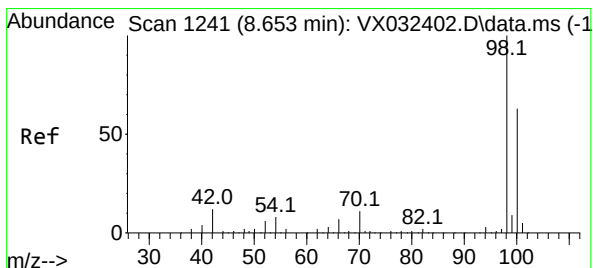
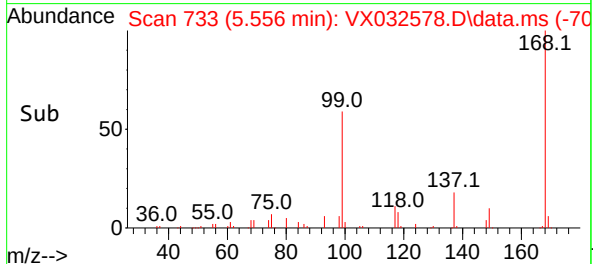
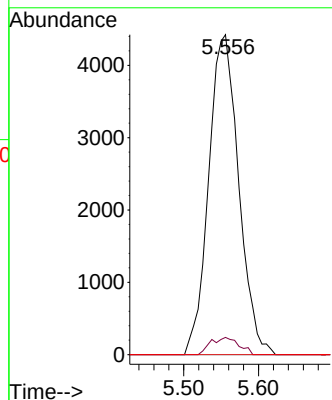


#38
Carbon Tetrachloride
Concen: 5.752 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :

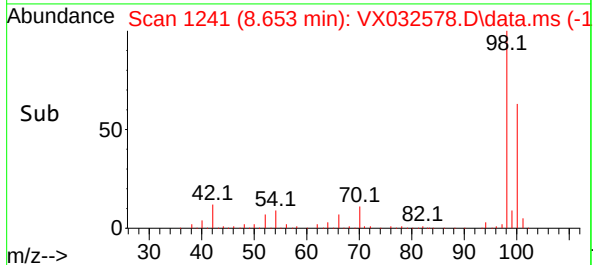
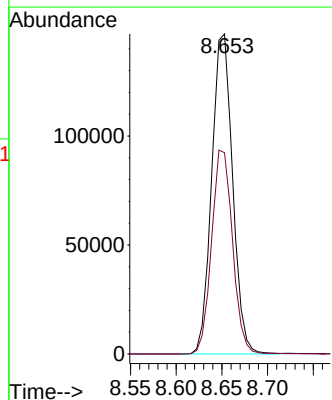
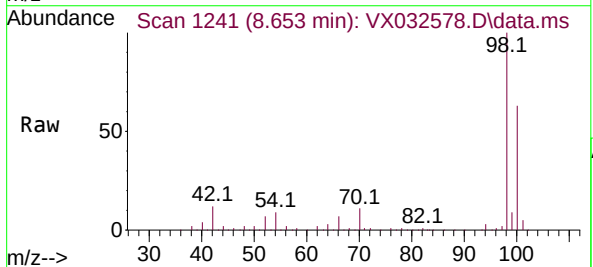


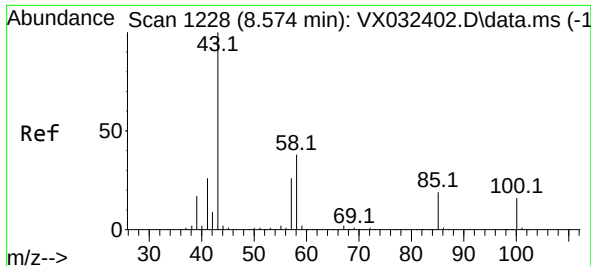
Tgt Ion:117 Resp: 12357
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.261 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Tgt Ion: 98 Resp: 233425
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.540 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032578.D

Acq: 04 Nov 2022 15:52

Instrument :

MSVOA_X

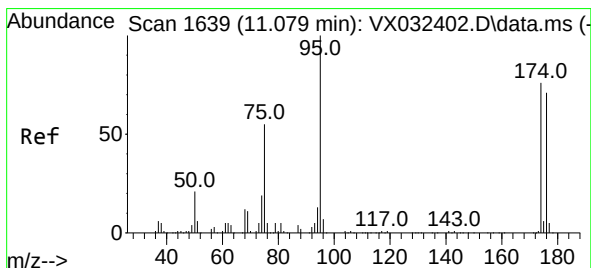
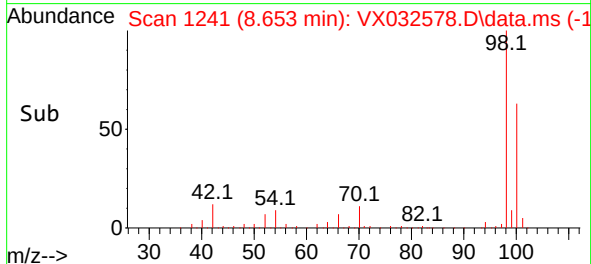
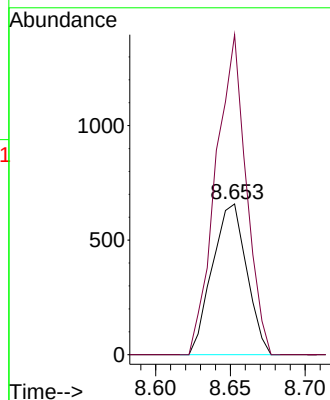
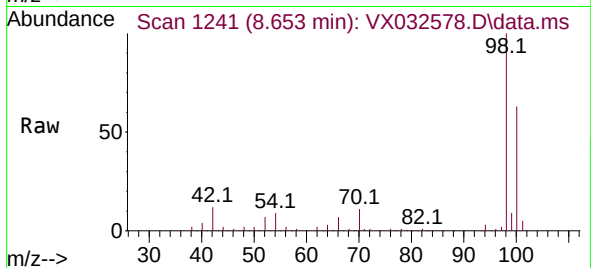
ClientSampleId :

Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 188.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.224 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032578.D

Acq: 04 Nov 2022 15:52

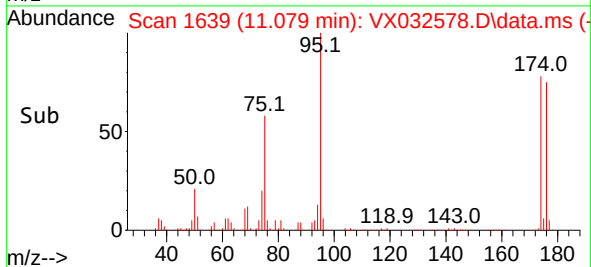
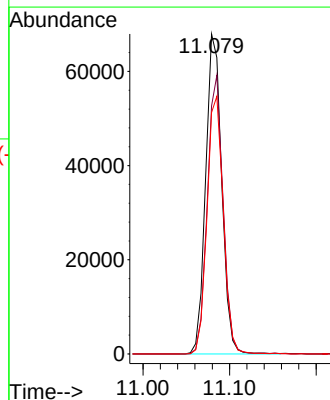
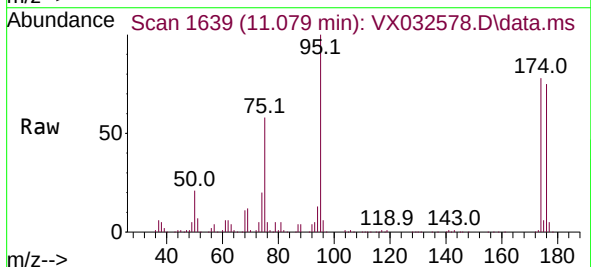
Tgt Ion: 95 Resp: 87333

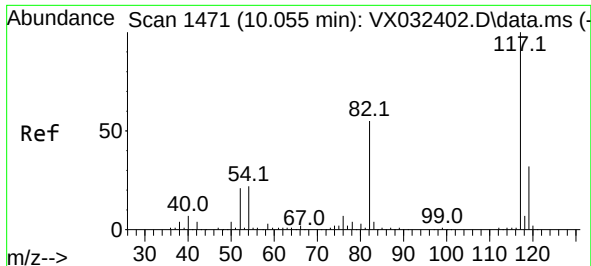
Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 81.7 0.0 154.4

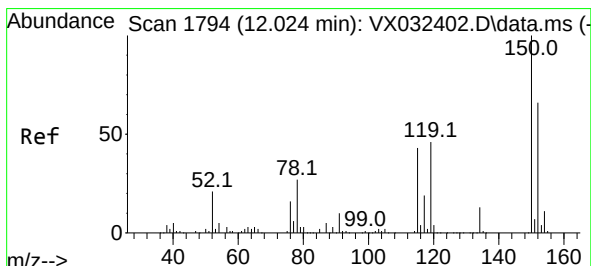
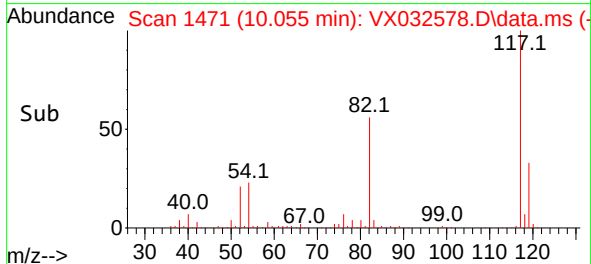
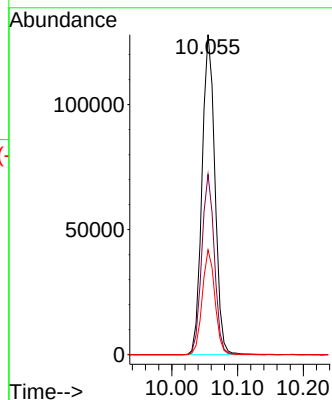
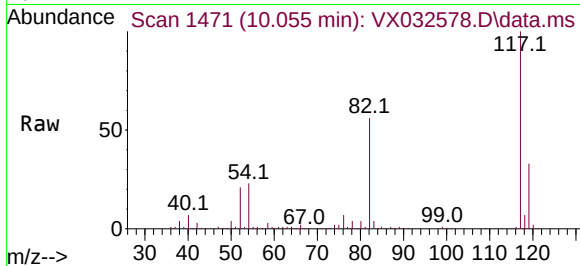




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

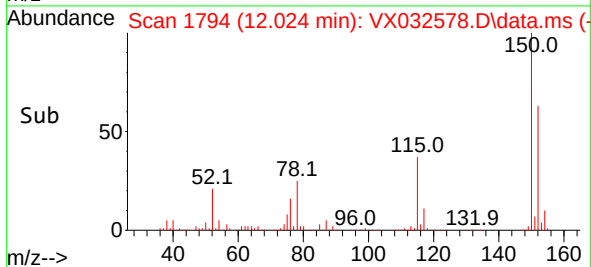
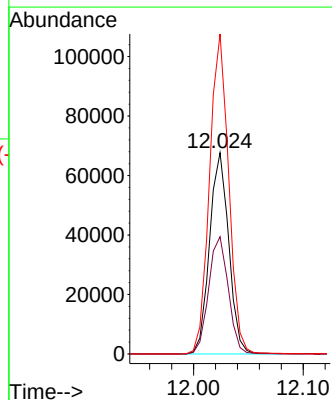
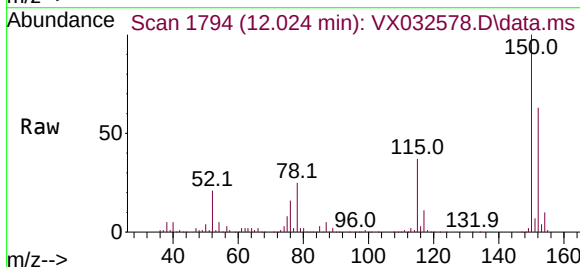
Instrument :
MSVOA_X
ClientSampleId :

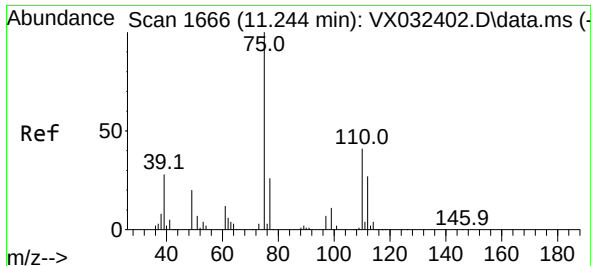
Tgt Ion:117 Resp: 174384
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Tgt Ion:152 Resp: 82262
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 158.6 0.0 351.8

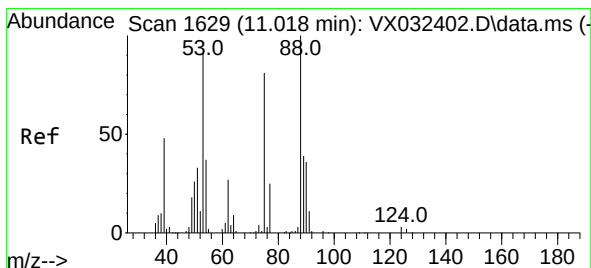
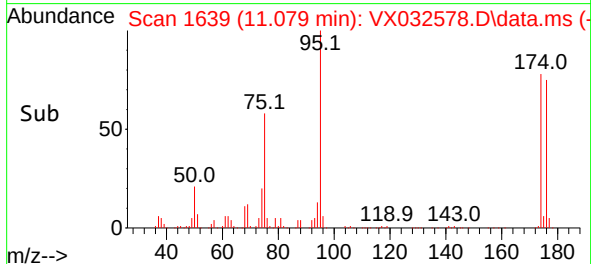
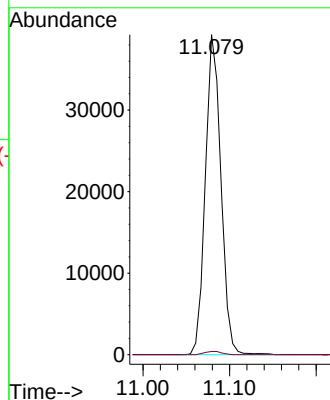
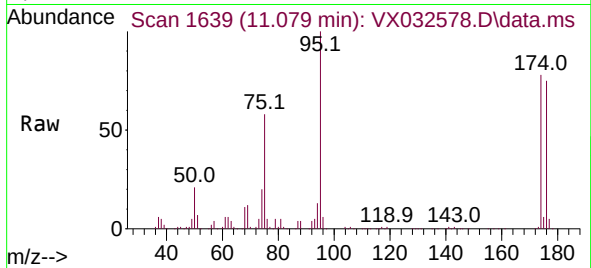




#76
1,2,3-Trichloropropane
Concen: 26.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49042
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032578.D
Acq: 04 Nov 2022 15:52

Tgt Ion: 75 Resp: 49042
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

