

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032557.D
 Acq On : 03 Nov 2022 14:48
 Operator : JC/MD
 Sample : N5441-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5486-6

Quant Time: Nov 04 06:19:13 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)

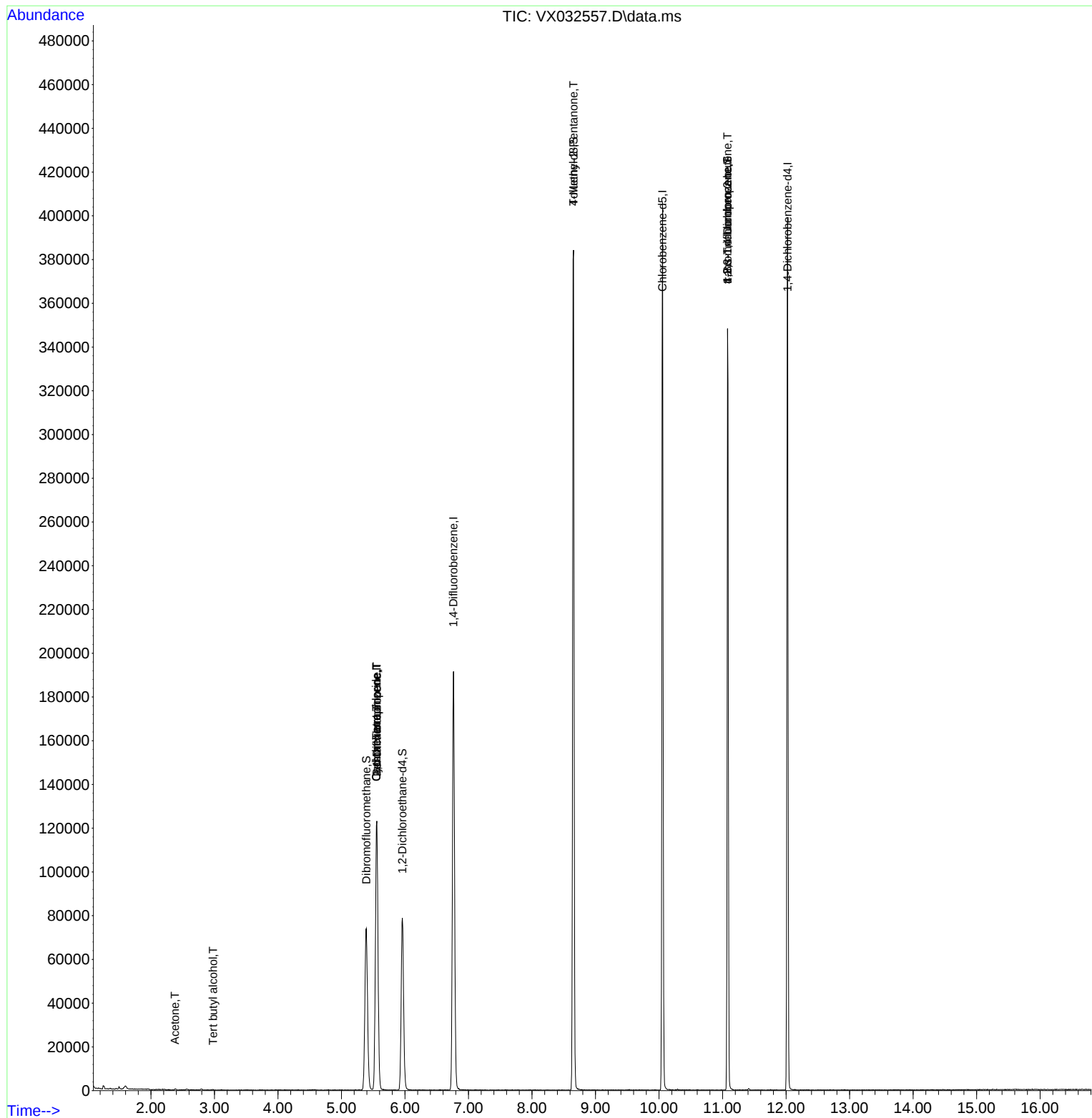
Internal Standards						
1) Pentafluorobenzene	5.556	168	114495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78667	49.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.391	113	63876	46.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.653	98	229676	48.574	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	86422	46.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	290	1.252	ug/l #	72
16) Acetone	2.380	43	635	1.098	ug/l #	86
31) Cyclohexane	5.550	56	2632	1.364	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	9082	4.796	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11821	5.628	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	942	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47789	26.881	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47789	85.536	ug/l #	6

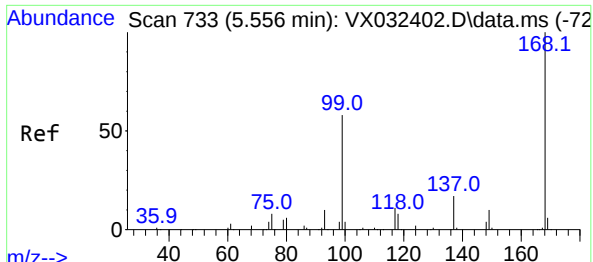
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

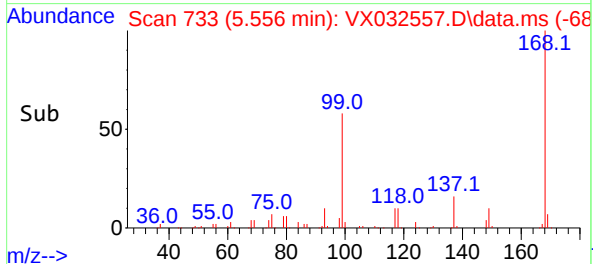
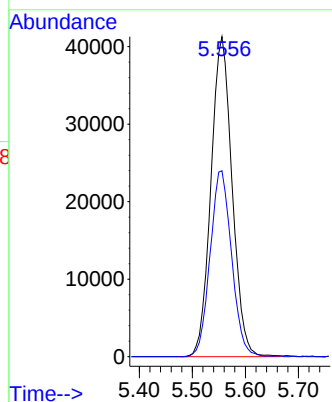
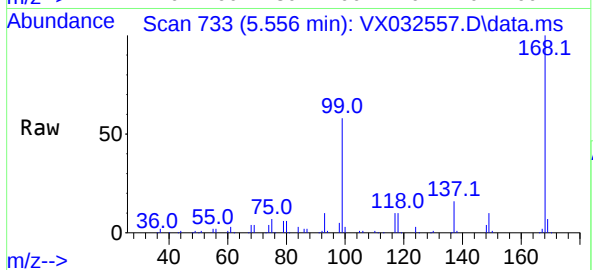




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

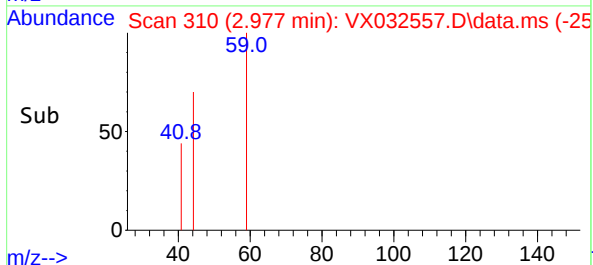
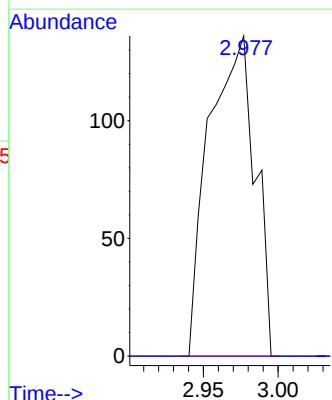
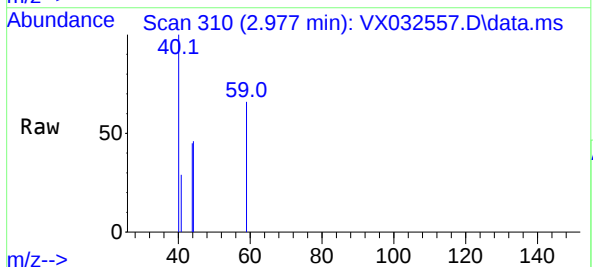
Instrument :
MSVOA_X
ClientSampleId :
5486-6

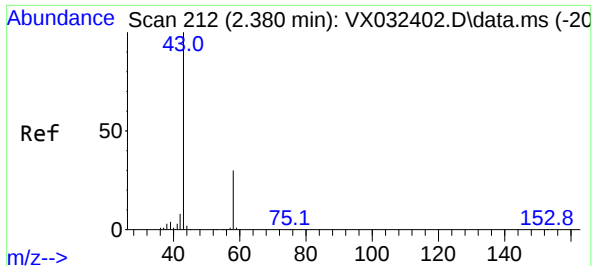
Tgt Ion:168 Resp: 114495
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.252 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

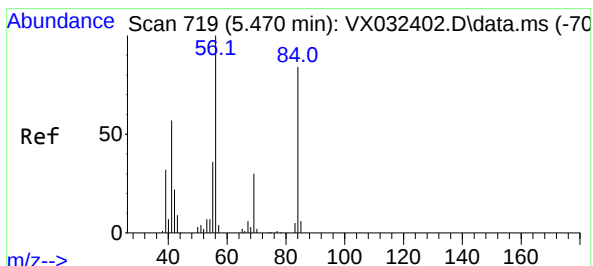
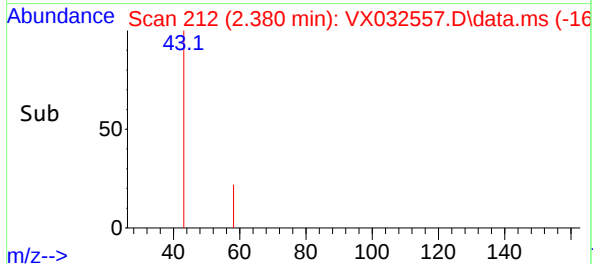
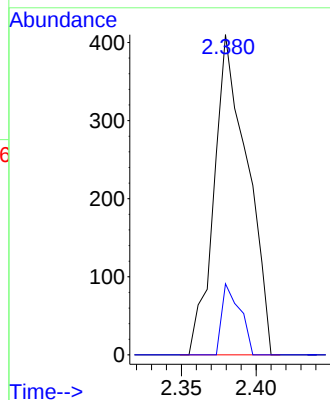
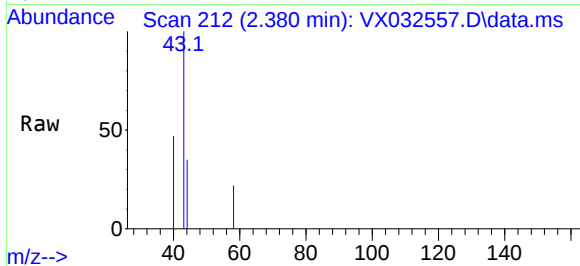




#16
Acetone
Concen: 1.098 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

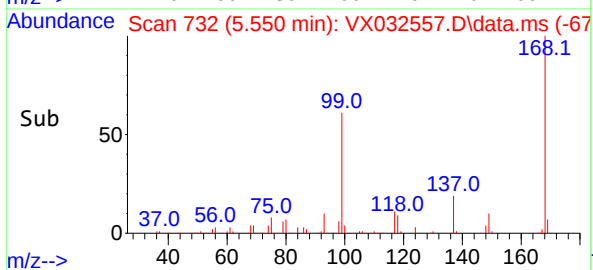
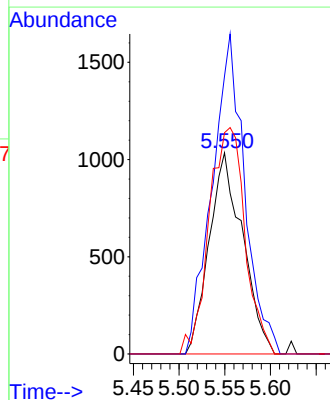
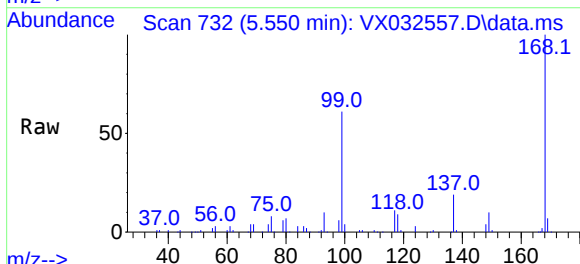
Instrument :
MSVOA_X
ClientSampleId :
5486-6

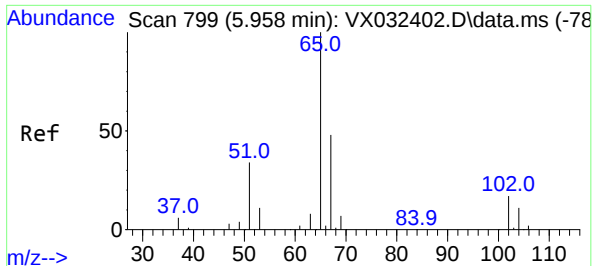
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 22.2 23.8 35.8#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Tgt Ion: 56 Resp: 2632
Ion Ratio Lower Upper
56 100
69 138.2 24.1 36.1#
84 110.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.449 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032557.D

Acq: 03 Nov 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

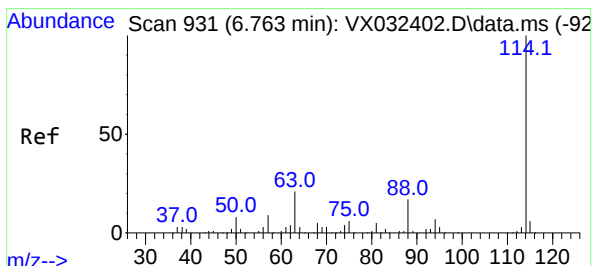
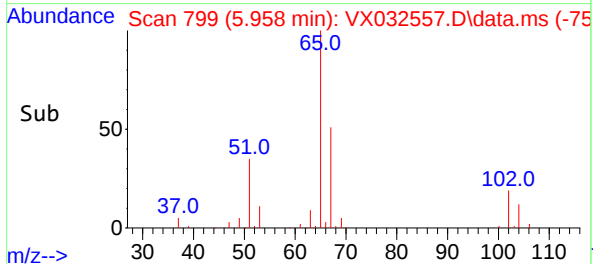
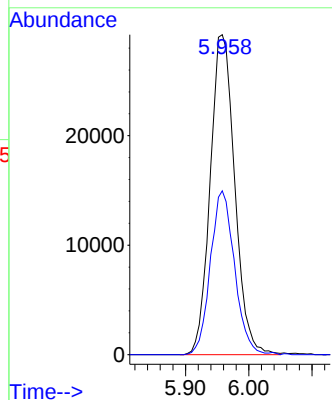
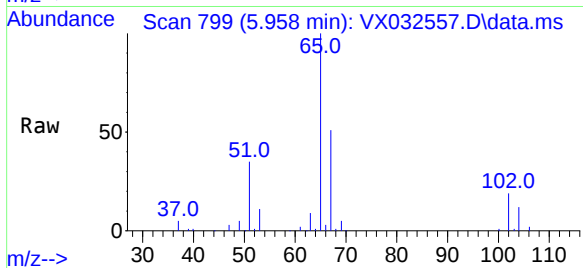
5486-6

Tgt Ion: 65 Resp: 78667

Ion Ratio Lower Upper

65 100

67 50.5 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: VX032557.D

Acq: 03 Nov 2022 14:48

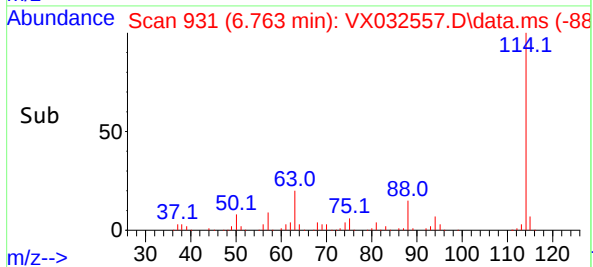
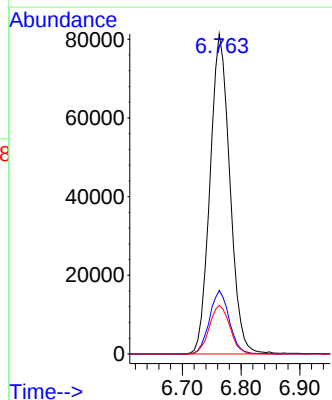
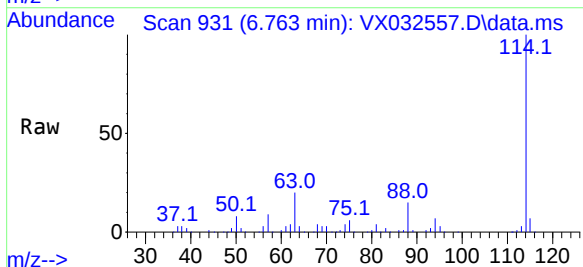
Tgt Ion: 114 Resp: 190633

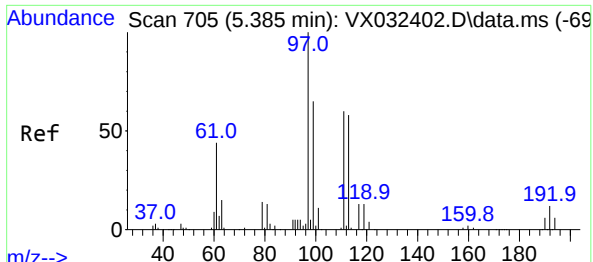
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

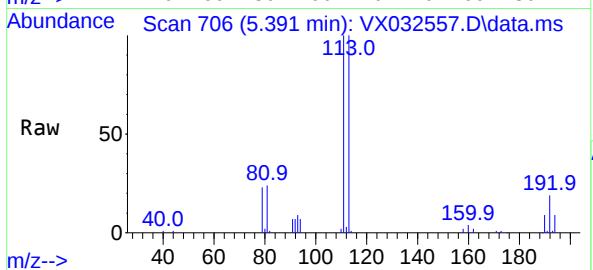
88 15.2 0.0 33.4



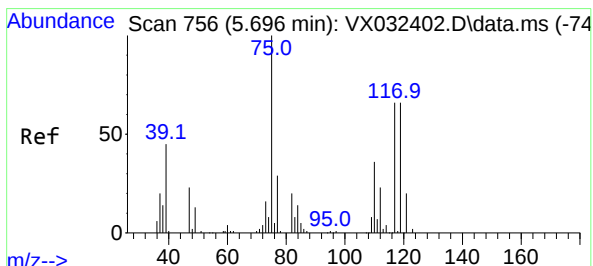
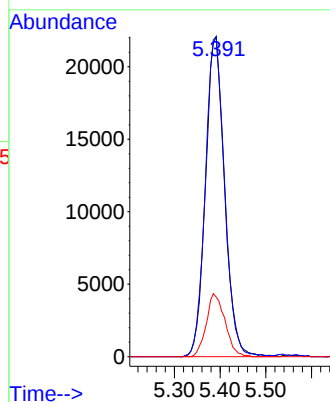
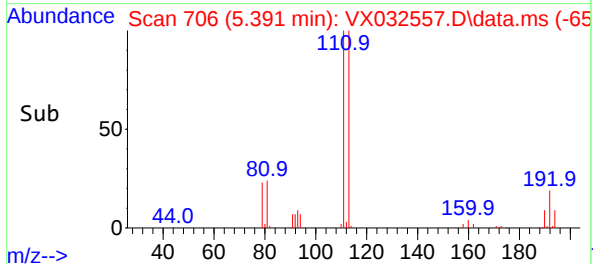


#35
Dibromofluoromethane
Concen: 46.974 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

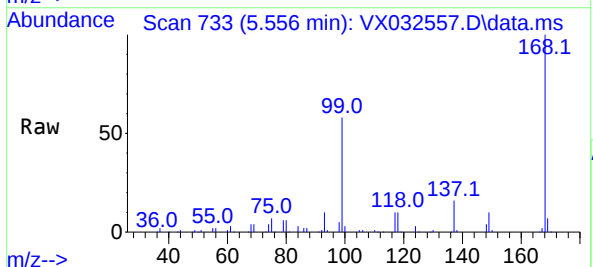
Instrument :
MSVOA_X
ClientSampleId :
5486-6



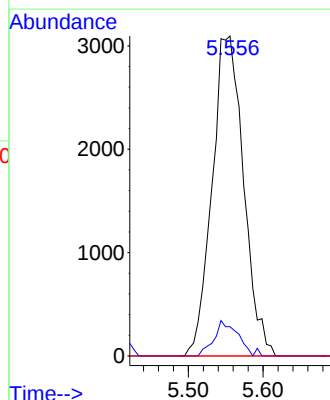
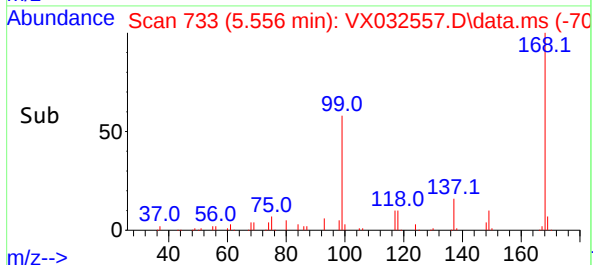
Tgt Ion:113 Resp: 63876
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.4 15.4 23.2

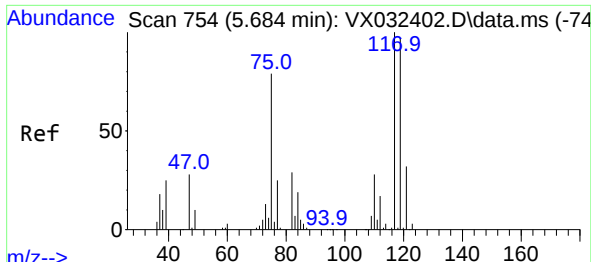


#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48



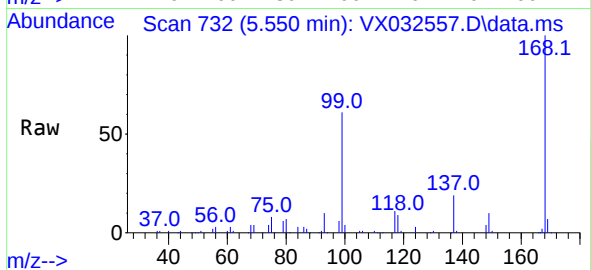
Tgt Ion: 75 Resp: 9082
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.5 36.7#



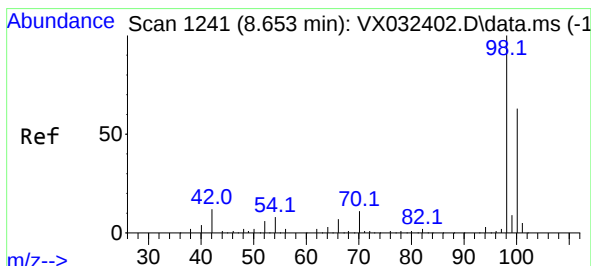
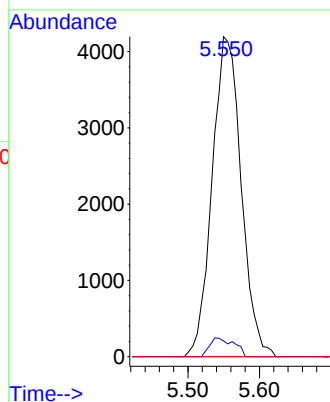
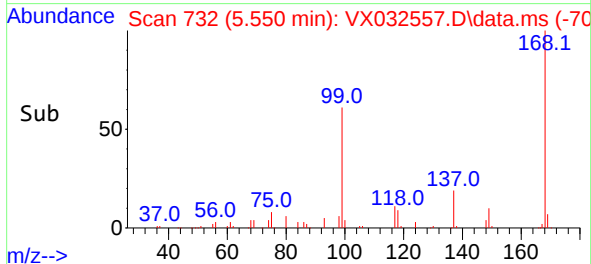


#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Instrument :
MSVOA_X
ClientSampleId :
5486-6

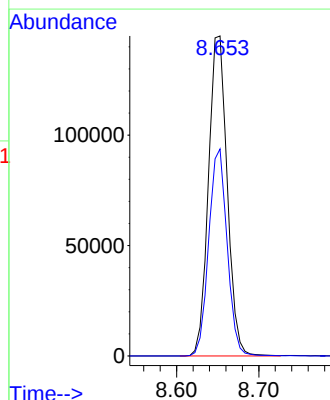
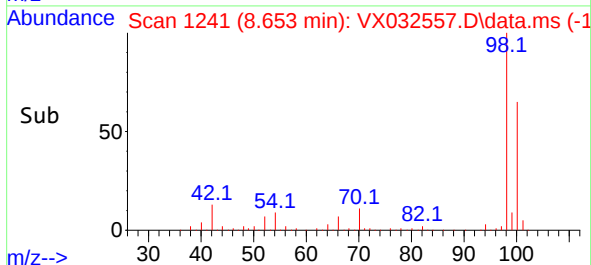
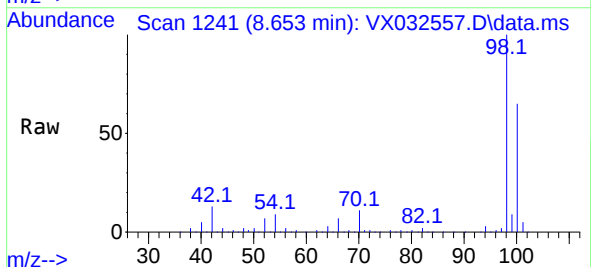


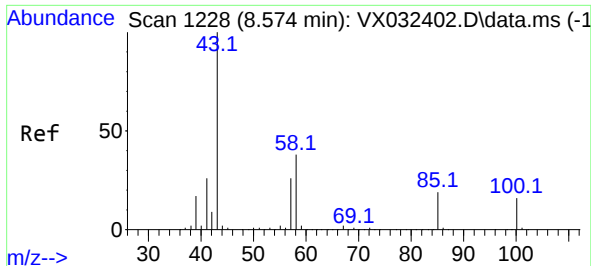
Tgt Ion:117 Resp: 11821
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.574 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Tgt Ion: 98 Resp: 229676
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.494 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032557.D

Acq: 03 Nov 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

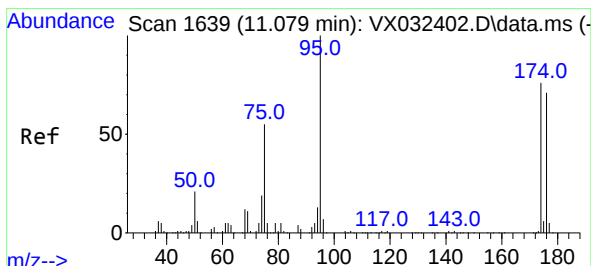
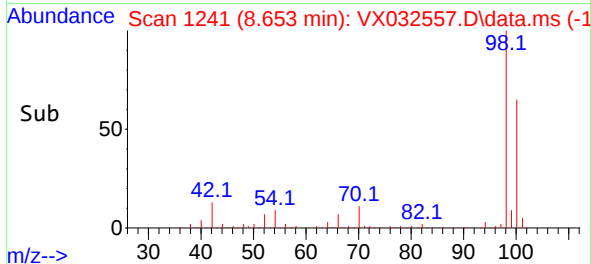
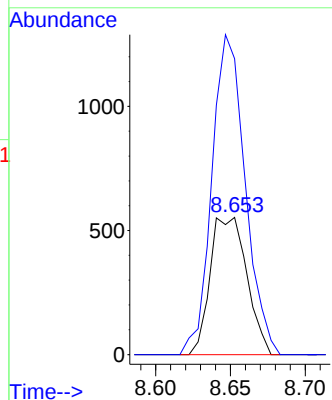
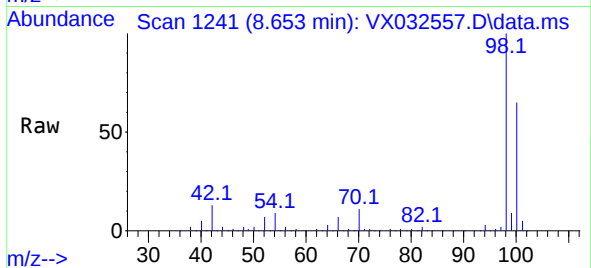
5486-6

Tgt Ion: 43 Resp: 942

Ion Ratio Lower Upper

43 100

58 212.1 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.790 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032557.D

Acq: 03 Nov 2022 14:48

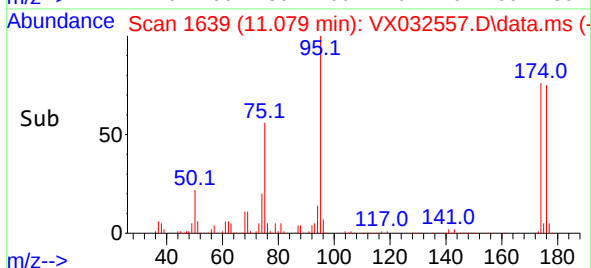
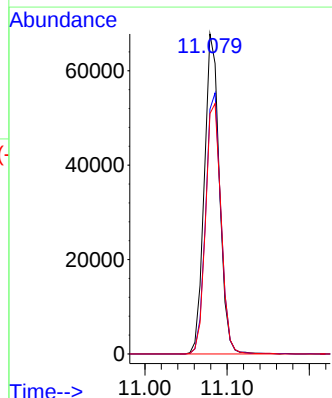
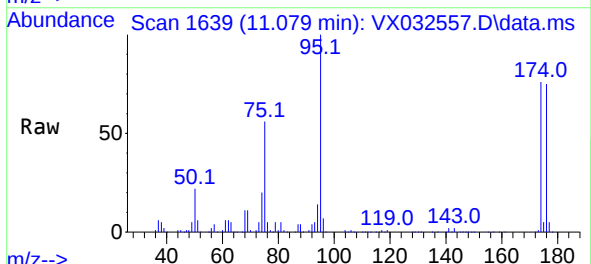
Tgt Ion: 95 Resp: 86422

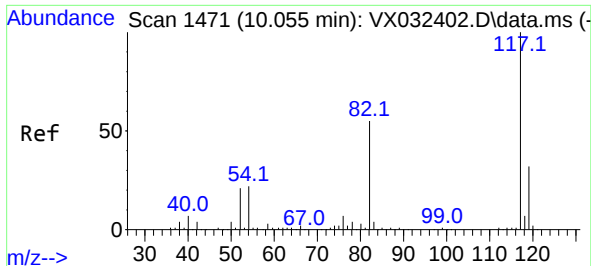
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 80.1 0.0 154.4

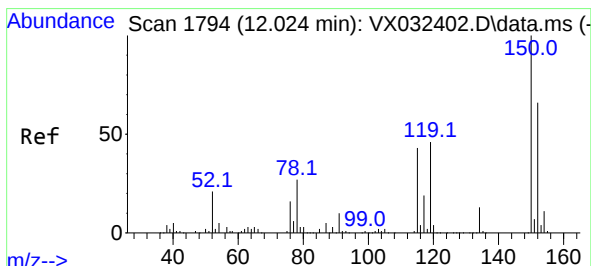
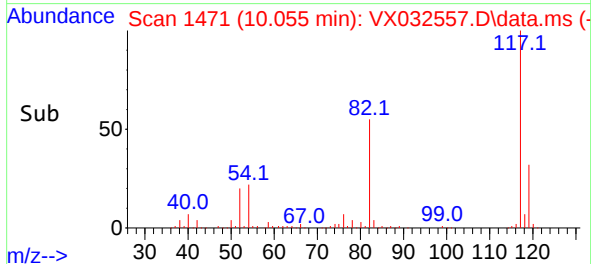
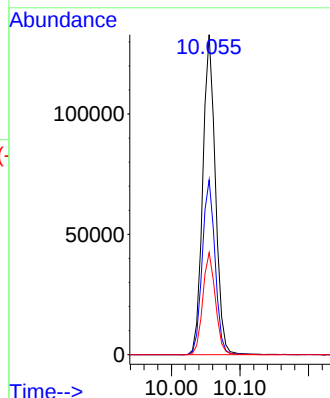
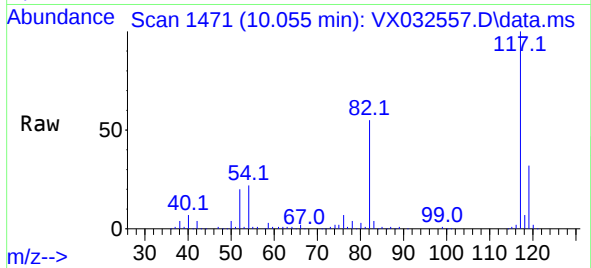




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

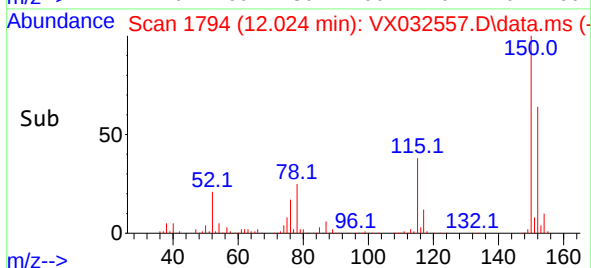
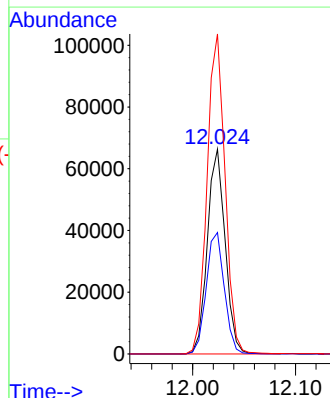
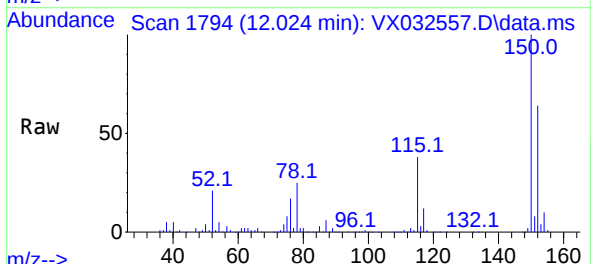
Instrument :
MSVOA_X
ClientSampleId :
5486-6

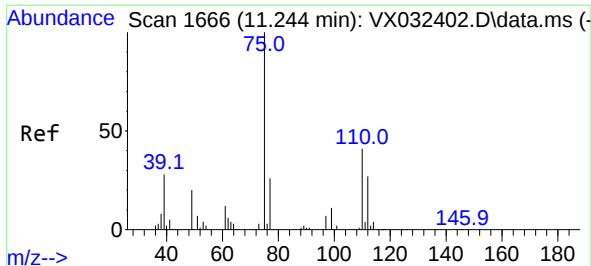
Tgt Ion:117 Resp: 170929
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Tgt Ion:152 Resp: 79910
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 157.7 0.0 351.8

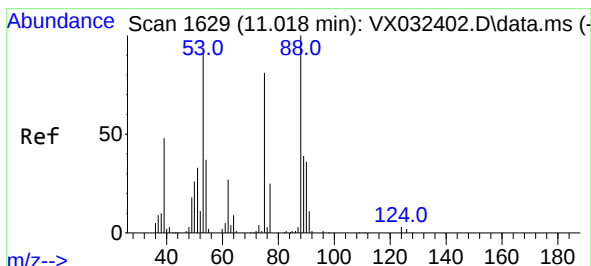
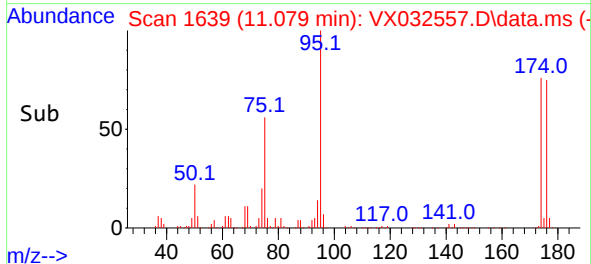
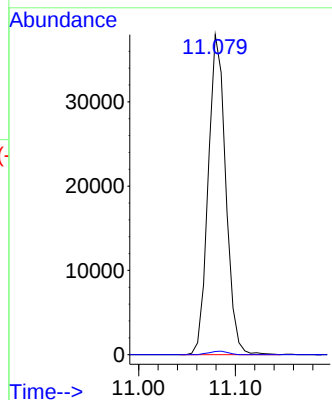
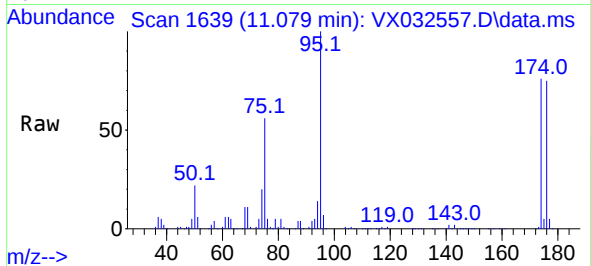




#76
1,2,3-Trichloropropane
Concen: 26.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Instrument :
MSVOA_X
ClientSampleId :
5486-6

Tgt Ion: 75 Resp: 47789
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032557.D
Acq: 03 Nov 2022 14:48

Tgt Ion: 75 Resp: 47789
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

