

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032555.D
 Acq On : 03 Nov 2022 14:02
 Operator : JC/MD
 Sample : N5439-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 506D-4

Quant Time: Nov 04 06:18:55 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)

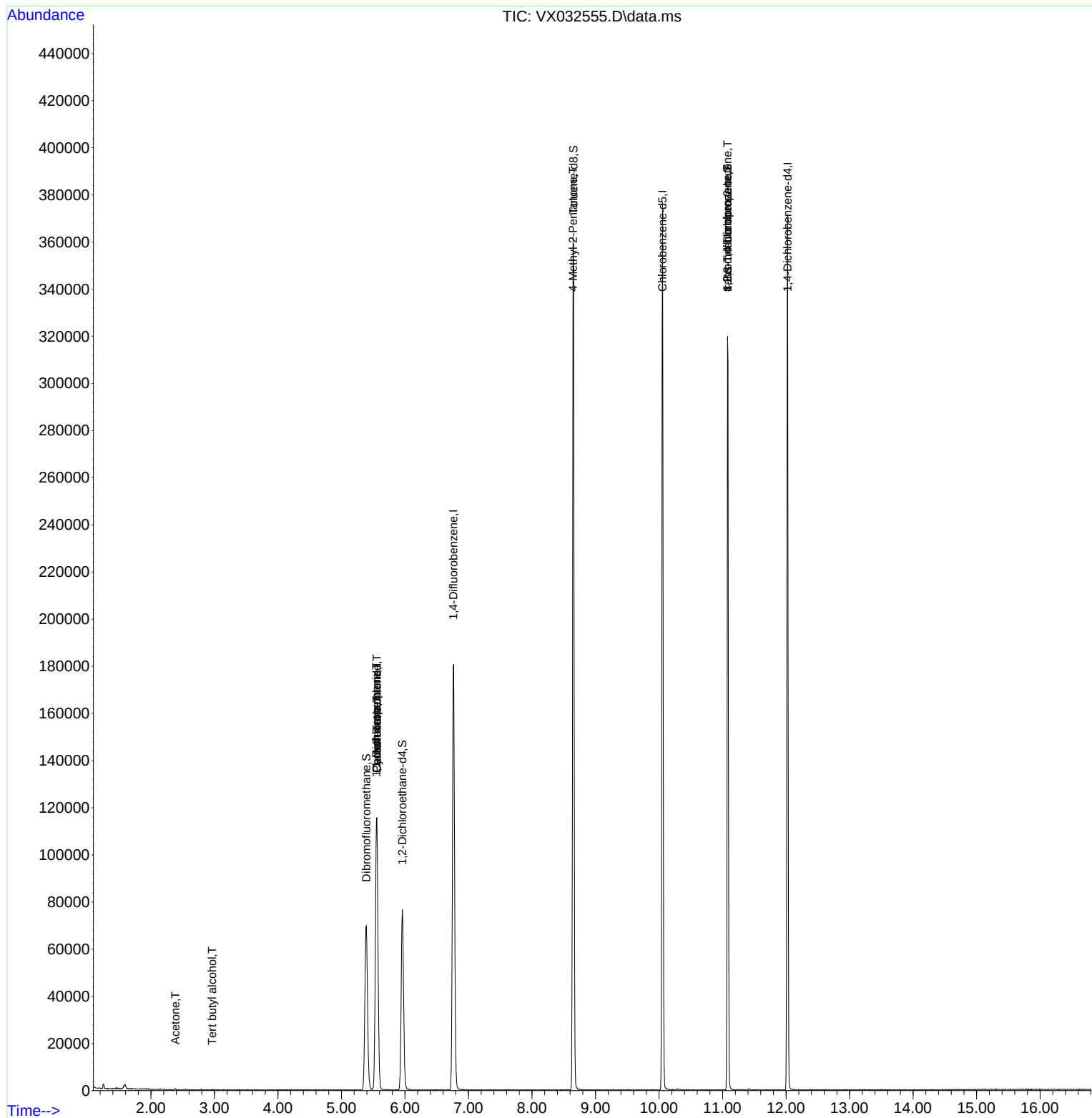
Internal Standards						
1) Pentafluorobenzene	5.556	168	108647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75593	50.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.140%			
35) Dibromofluoromethane	5.391	113	59463	45.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.420%			
50) Toluene-d8	8.653	98	217652	48.120	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	81230	45.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.960%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	195	0.887	ug/l #	72
16) Acetone	2.386	43	569	1.037	ug/l	98
31) Cyclohexane	5.556	56	2430	1.328	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8496	4.690	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11362	5.655	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	956	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45138	27.321	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45138	86.937	ug/l #	6

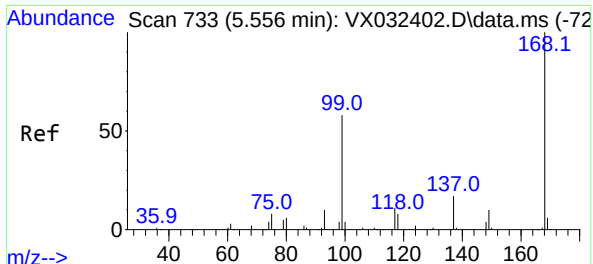
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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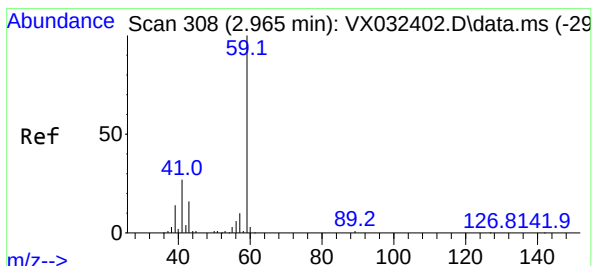
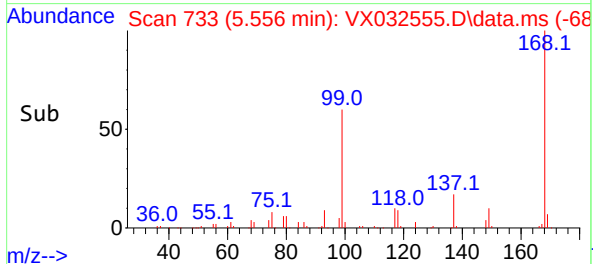
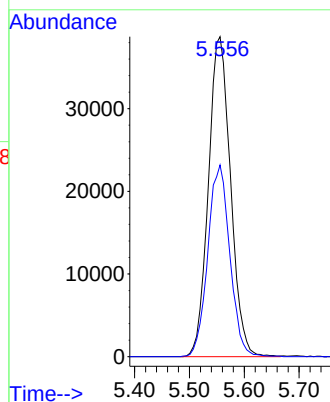
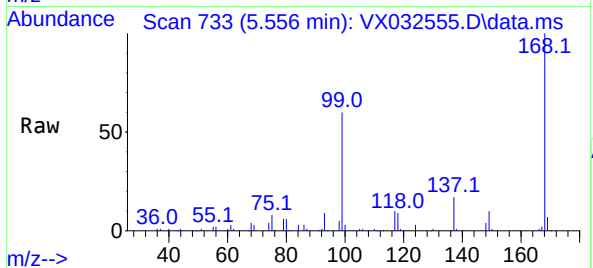




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

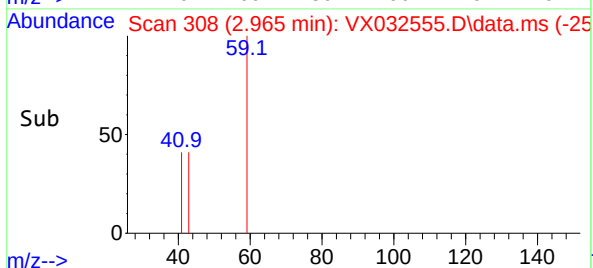
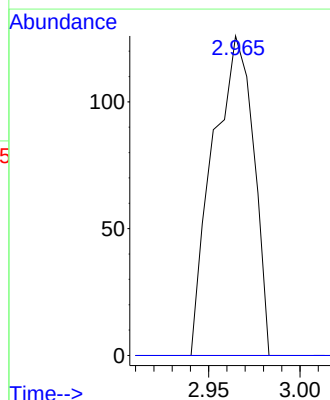
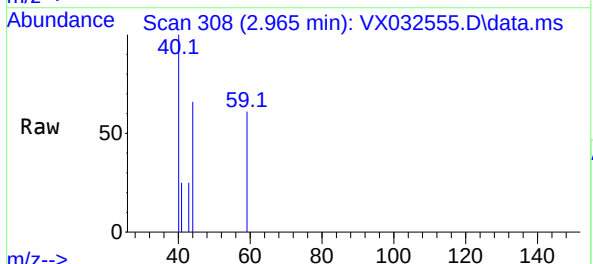
Instrument :
MSVOA_X
ClientSampleId :
506D-4

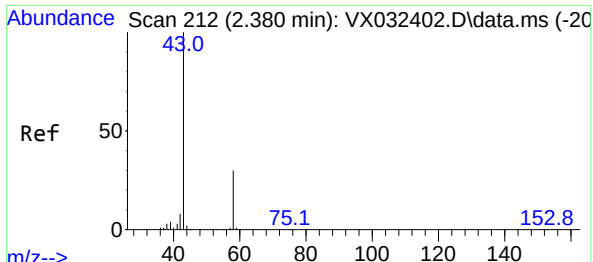
Tgt Ion:168 Resp: 108647
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.887 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

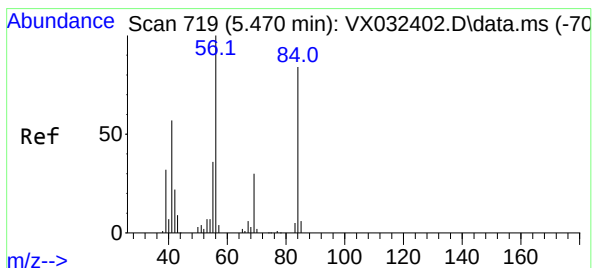
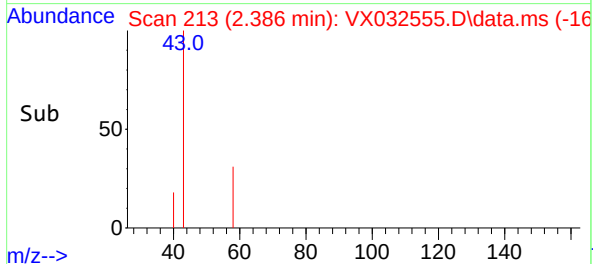
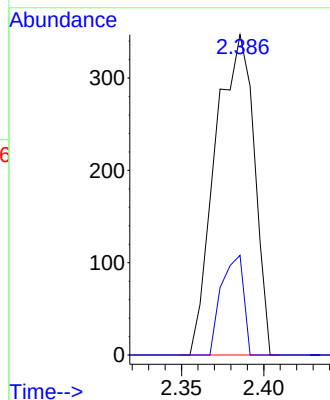
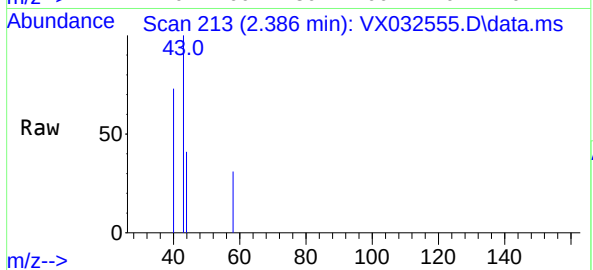




#16
Acetone
Concen: 1.037 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

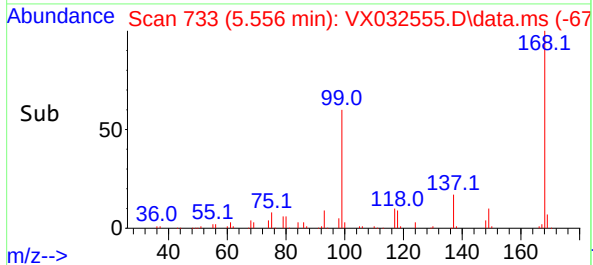
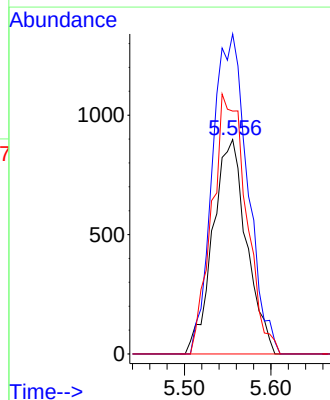
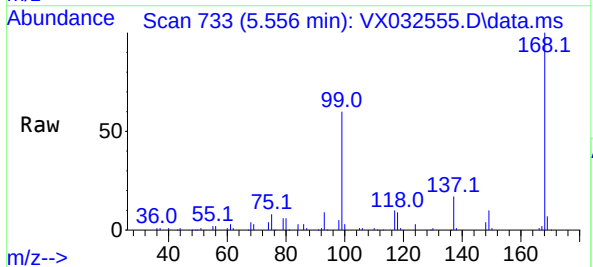
Instrument :
MSVOA_X
ClientSampleId :
506D-4

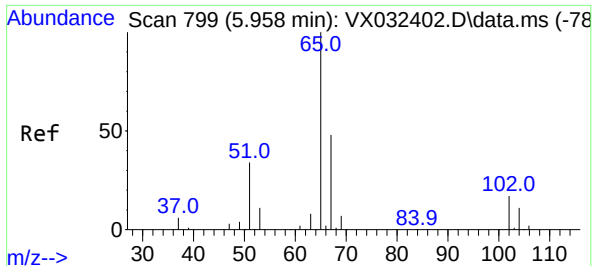
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.8



#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion: 56 Resp: 2430
Ion Ratio Lower Upper
56 100
69 149.2 24.1 36.1#
84 113.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.074 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032555.D

Acq: 03 Nov 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

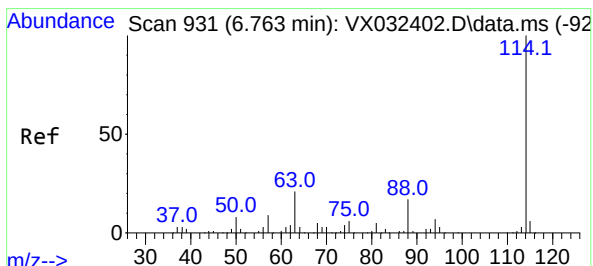
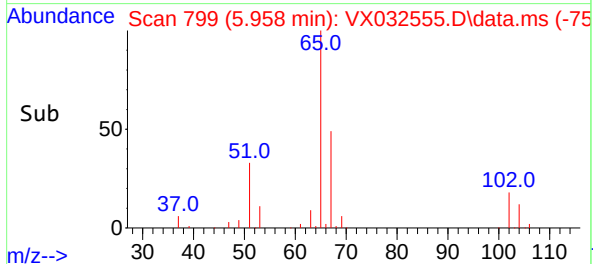
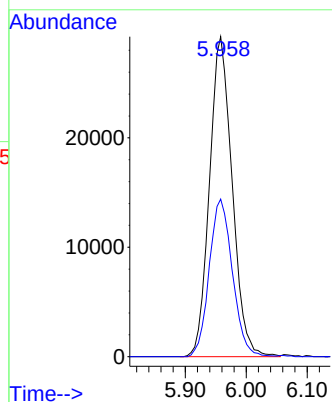
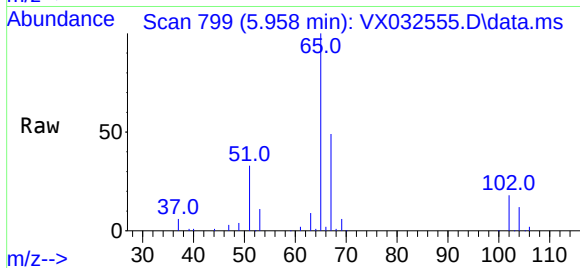
506D-4

Tgt Ion: 65 Resp: 75593

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: VX032555.D

Acq: 03 Nov 2022 14:02

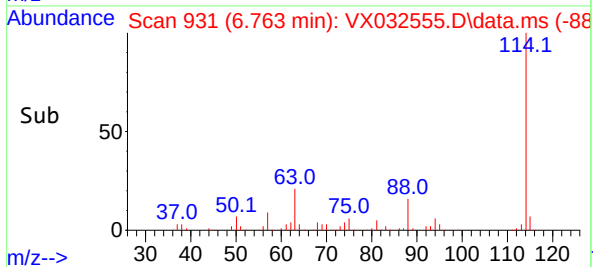
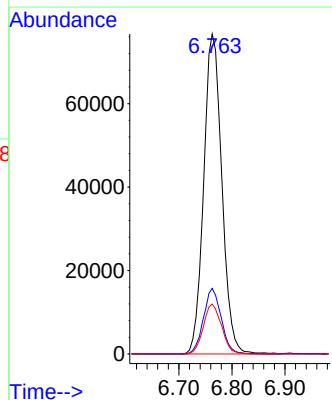
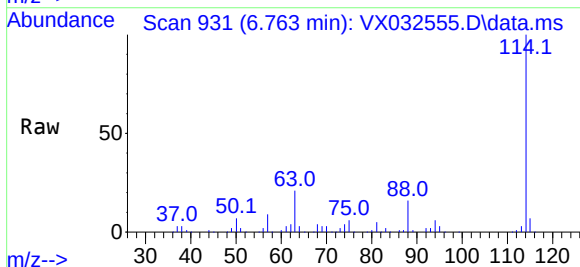
Tgt Ion: 114 Resp: 182358

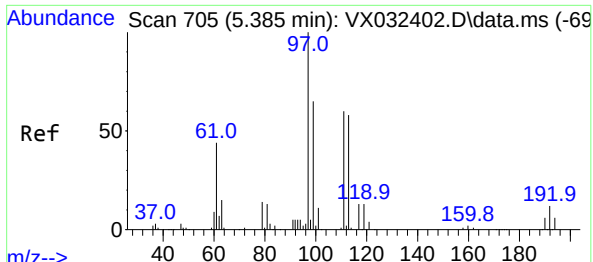
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.713 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032555.D

Acq: 03 Nov 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

506D-4

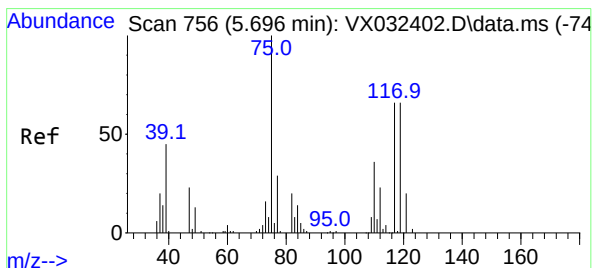
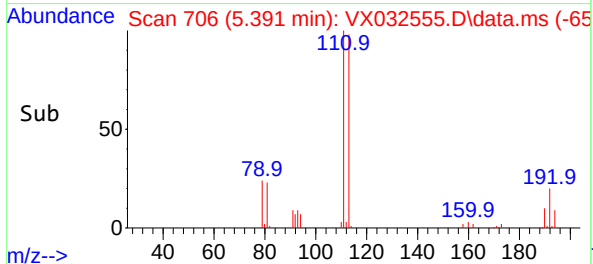
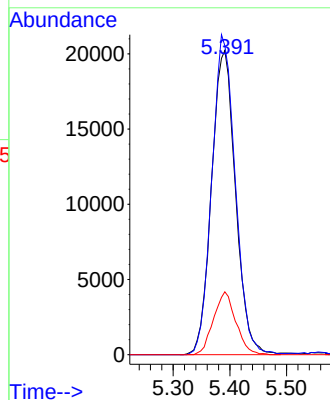
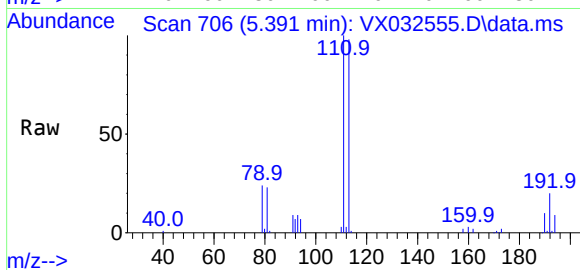
Tgt Ion:113 Resp: 59463

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032555.D

Acq: 03 Nov 2022 14:02

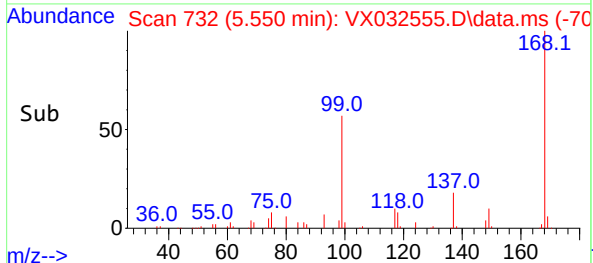
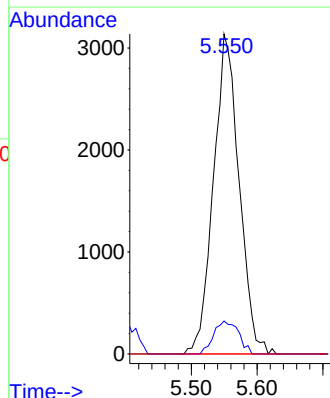
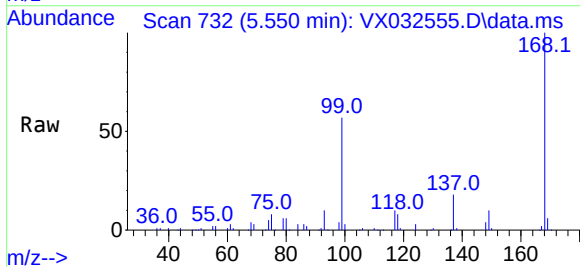
Tgt Ion: 75 Resp: 8496

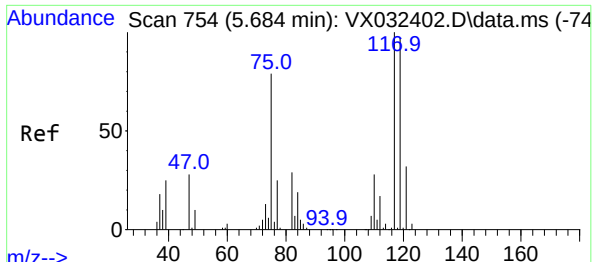
Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

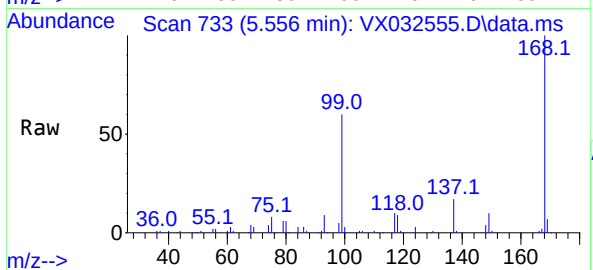
77 0.0 24.5 36.7#



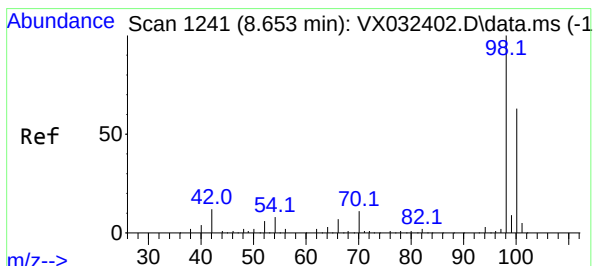
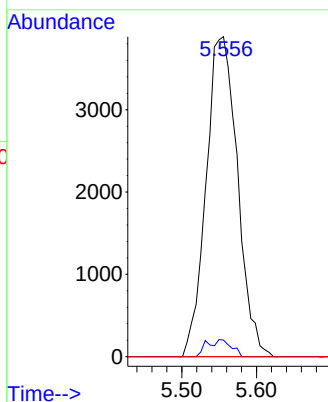
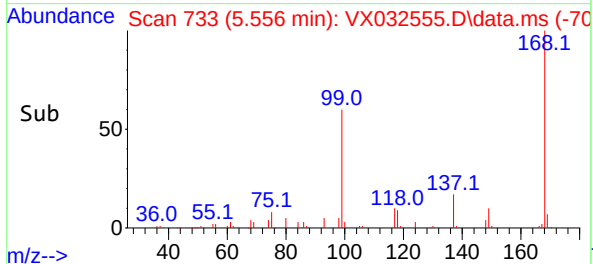


#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Instrument :
MSVOA_X
ClientSampleId :
506D-4

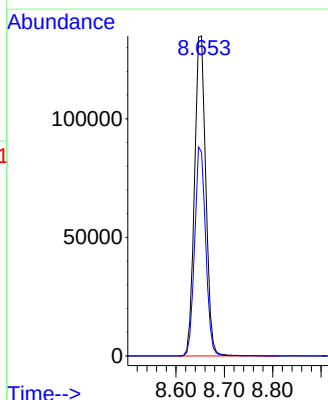
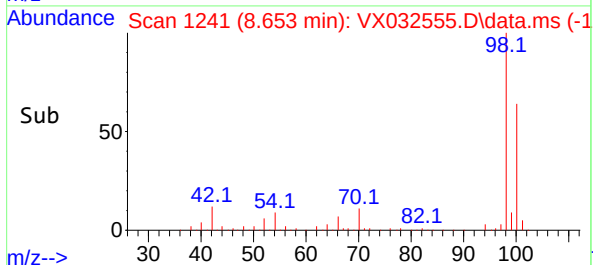
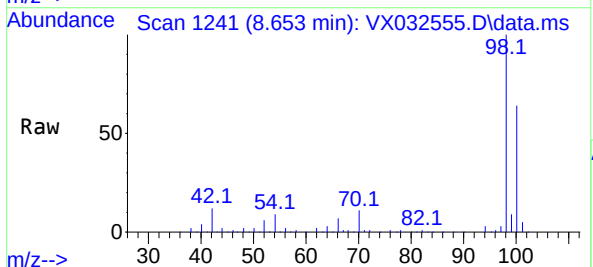


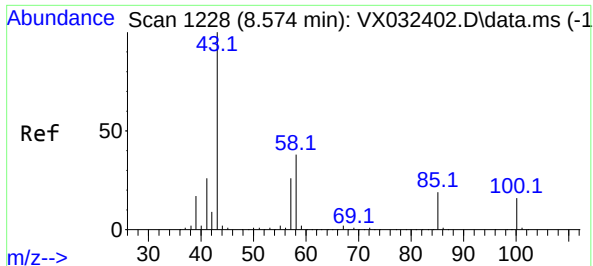
Tgt Ion:117 Resp: 11362
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.120 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion: 98 Resp: 217652
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.524 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032555.D

Acq: 03 Nov 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

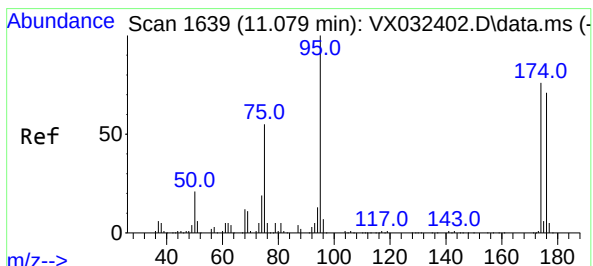
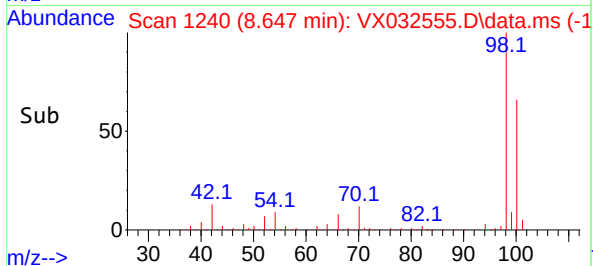
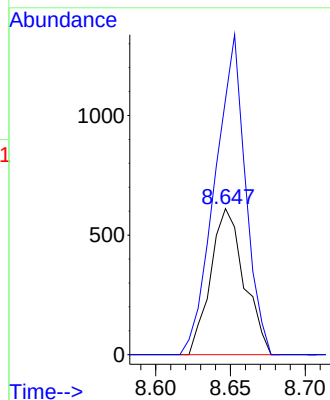
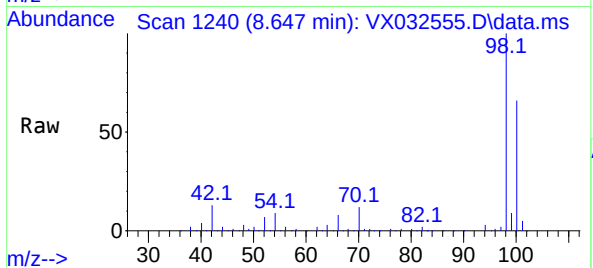
506D-4

Tgt Ion: 43 Resp: 956

Ion Ratio Lower Upper

43 100

58 199.3 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.975 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032555.D

Acq: 03 Nov 2022 14:02

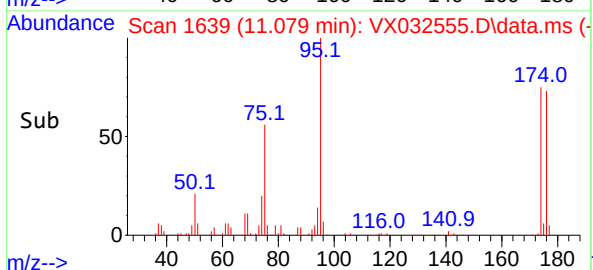
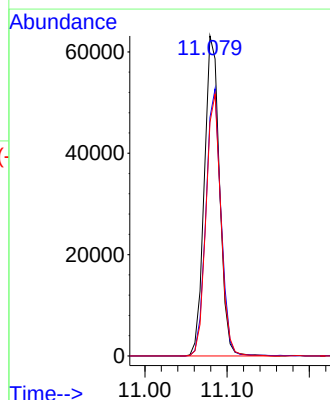
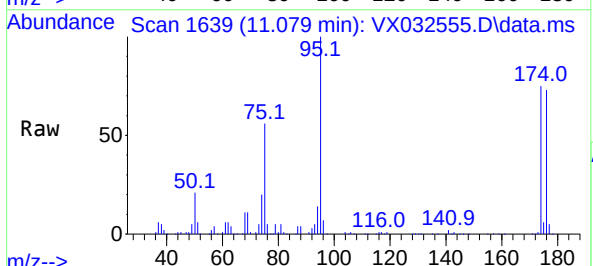
Tgt Ion: 95 Resp: 81230

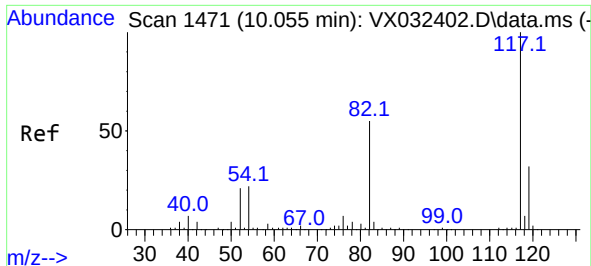
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 80.1 0.0 154.4

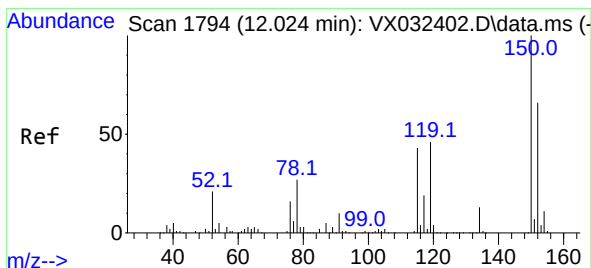
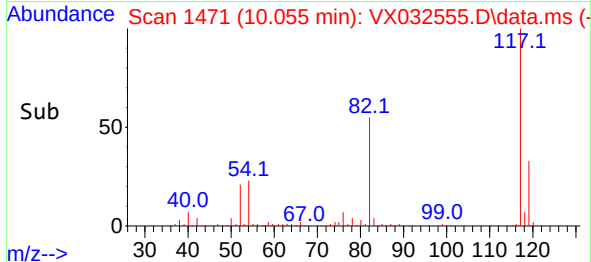
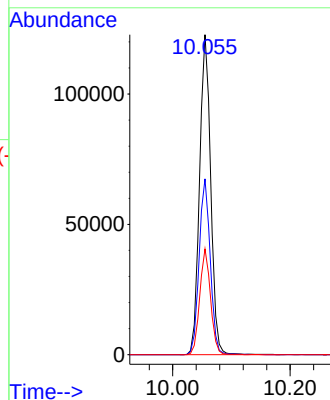
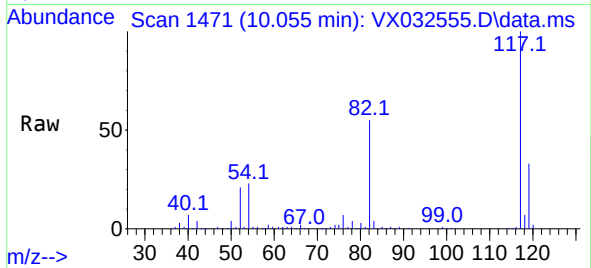




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

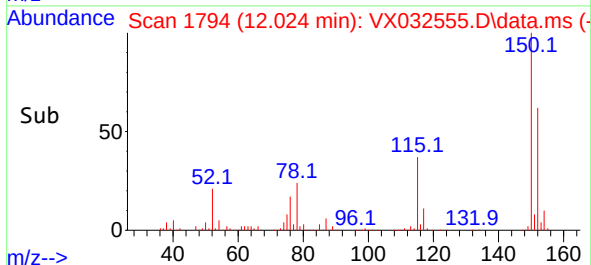
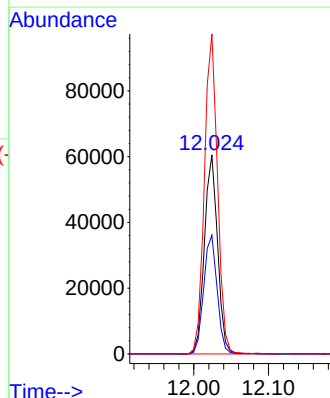
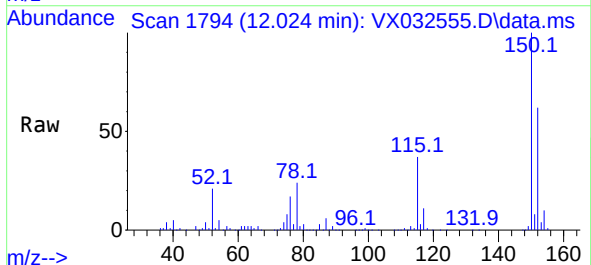
Instrument :
MSVOA_X
ClientSampleId :
506D-4

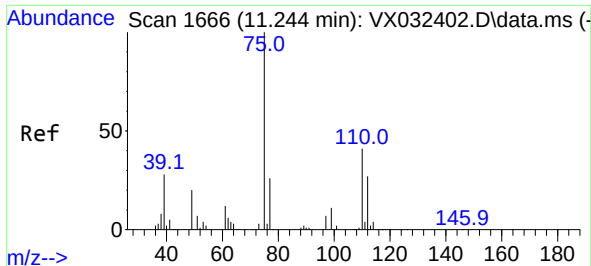
Tgt Ion:117 Resp: 161662
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion:152 Resp: 74261
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 159.8 0.0 351.8

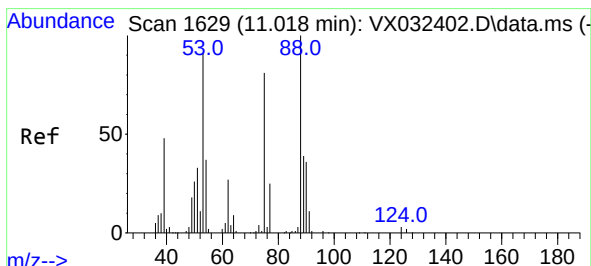
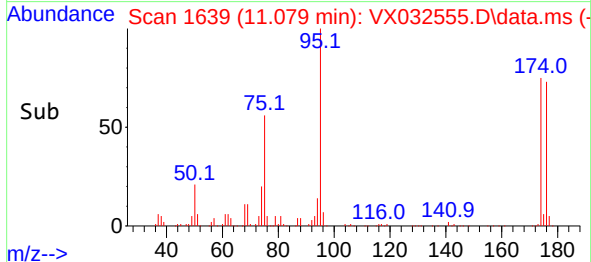
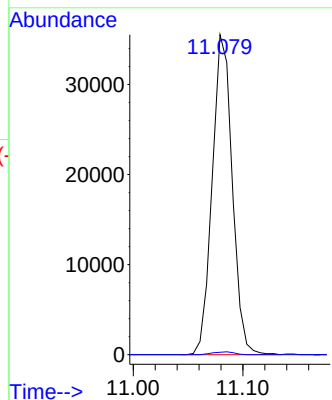
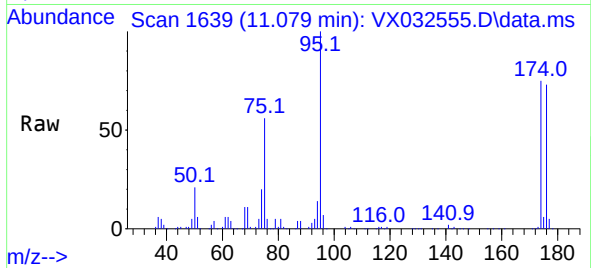




#76
1,2,3-Trichloropropane
Concen: 27.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Instrument :
MSVOA_X
ClientSampleId :
506D-4

Tgt Ion: 75 Resp: 45138
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion: 75 Resp: 45138
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

