

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032556.D
 Acq On : 03 Nov 2022 14:25
 Operator : JC/MD
 Sample : N5441-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5486-5

Quant Time: Nov 04 06:19:05 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)

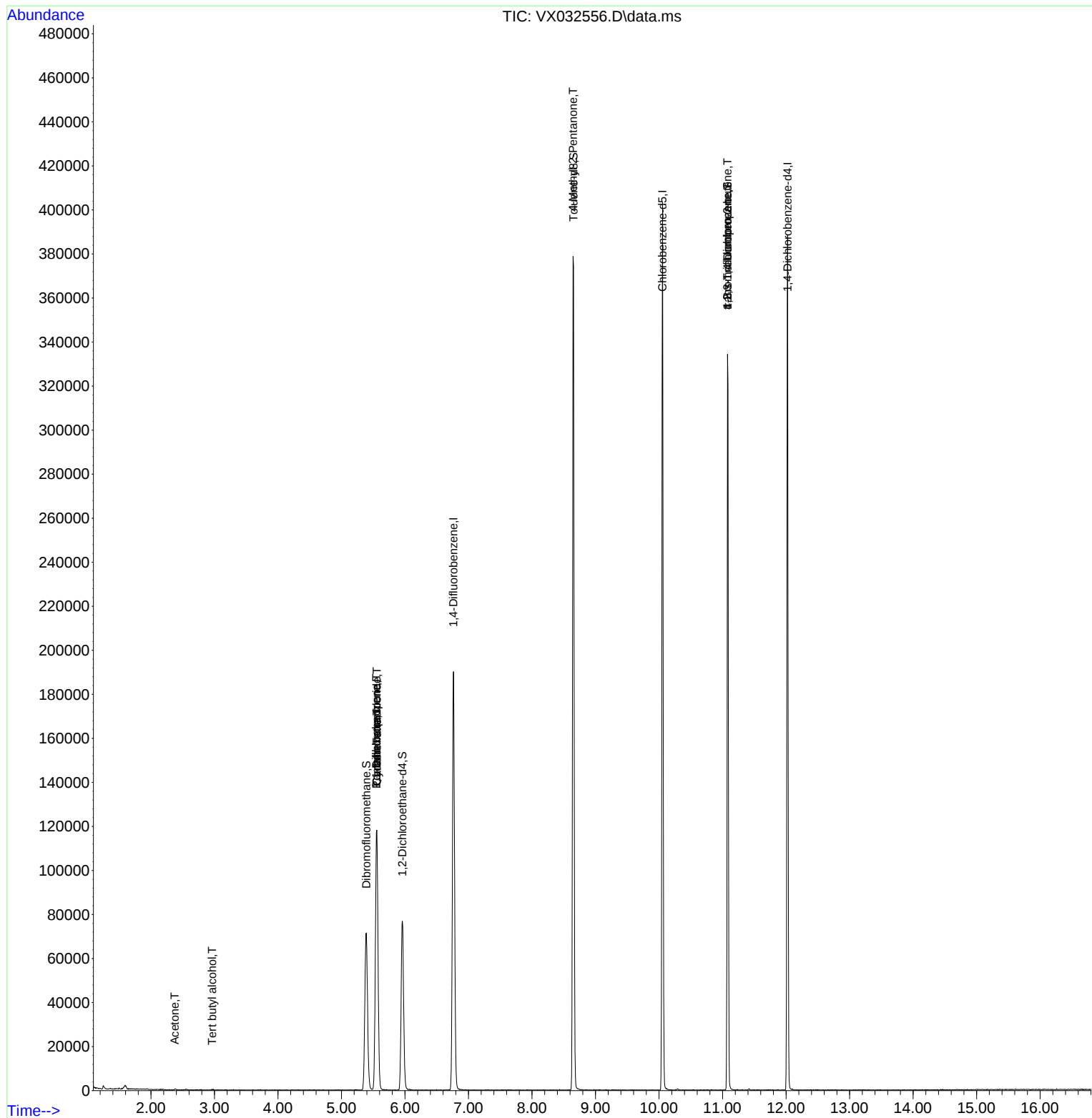
Internal Standards						
1) Pentafluorobenzene	5.550	168	114251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77936	49.094	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.180%		
35) Dibromofluoromethane	5.391	113	62490	46.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.840%		
50) Toluene-d8	8.653	98	227765	48.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	83546	45.687	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	408	1.766	ug/l #	72
16) Acetone	2.373	43	519	0.900	ug/l #	89
31) Cyclohexane	5.556	56	2439	1.267	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8745	4.665	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11482	5.522	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1042	0.552	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46429	27.176	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46429	86.475	ug/l #	6

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

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Instrument :
MSVOA_X
ClientSampleId :
5486-5

Quant Time: Nov 04 06:19:05 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

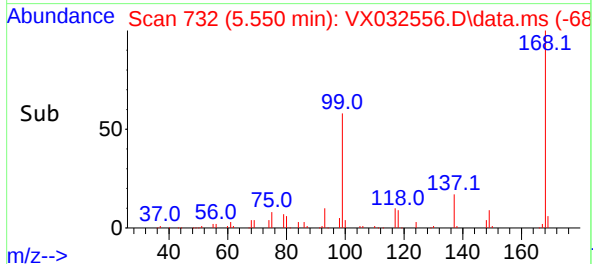
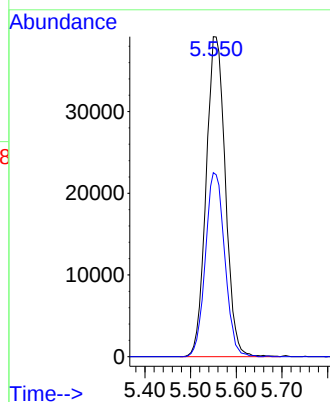
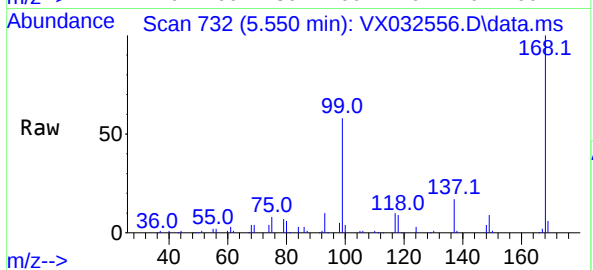




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

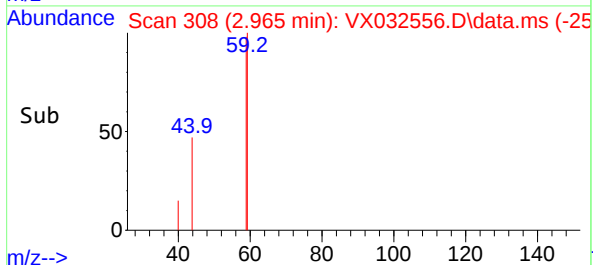
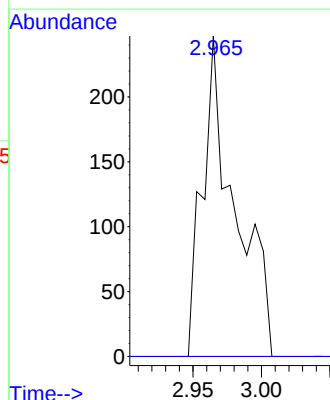
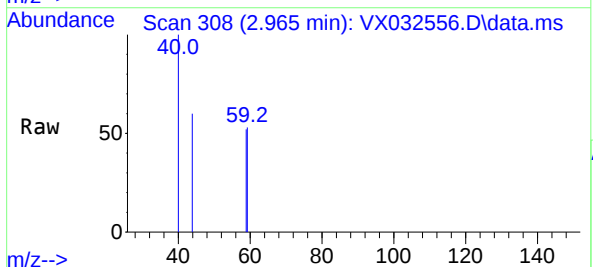
Instrument :
MSVOA_X
ClientSampleId :
5486-5

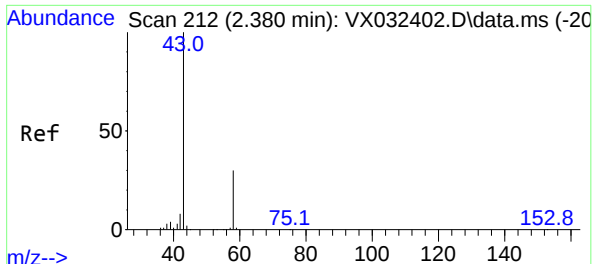
Tgt Ion:168 Resp: 114251
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.766 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

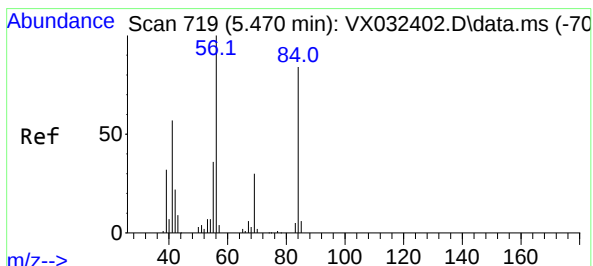
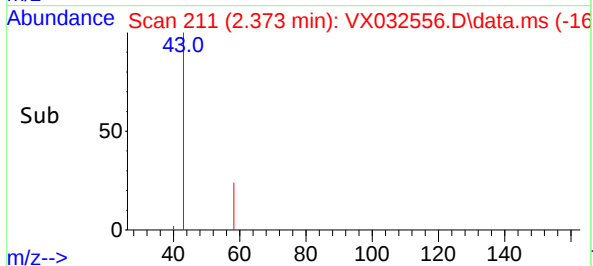
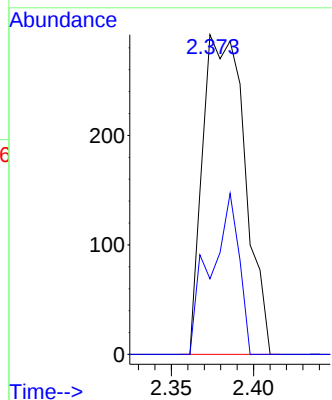
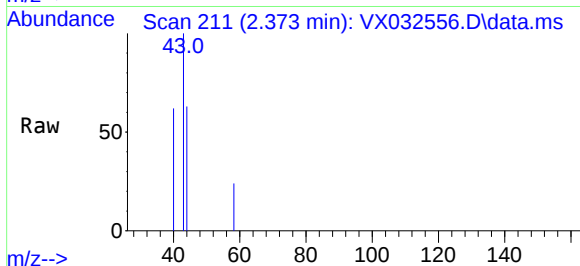




#16
Acetone
Concen: 0.900 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

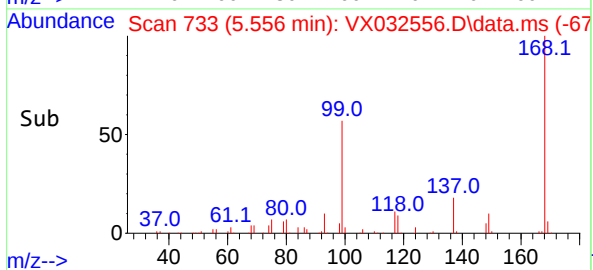
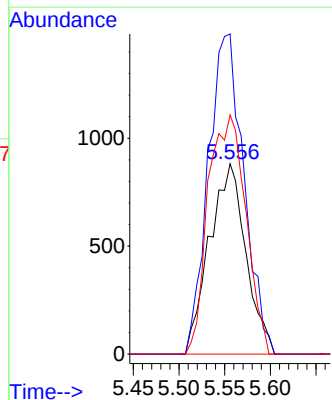
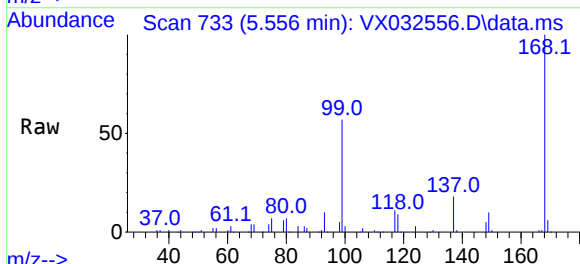
Instrument :
MSVOA_X
ClientSampleId :
5486-5

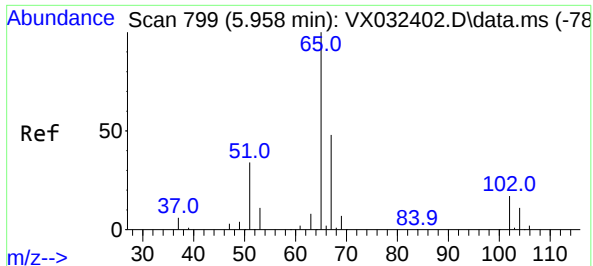
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.8#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Tgt Ion: 56 Resp: 2439
Ion Ratio Lower Upper
56 100
69 168.1 24.1 36.1#
84 125.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.094 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032556.D

Acq: 03 Nov 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

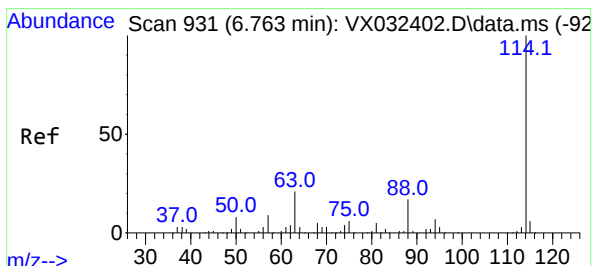
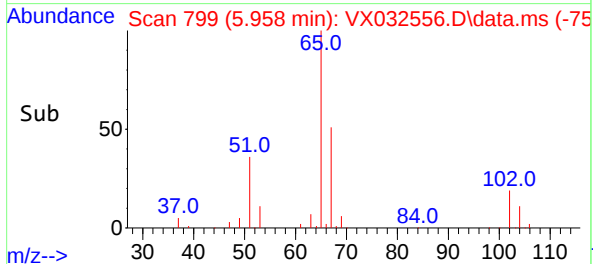
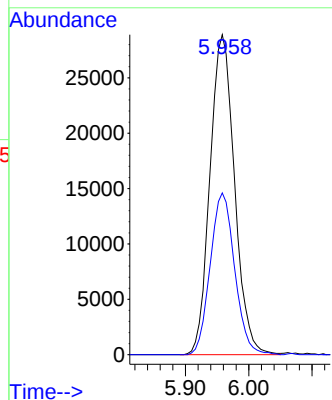
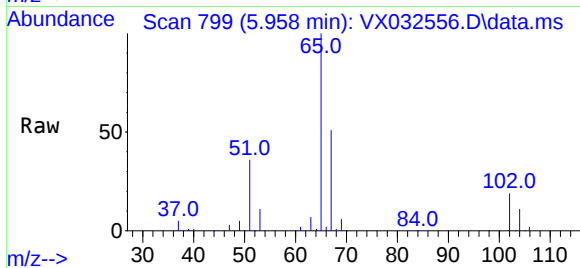
5486-5

Tgt Ion: 65 Resp: 77936

Ion Ratio Lower Upper

65 100

67 50.2 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: VX032556.D

Acq: 03 Nov 2022 14:25

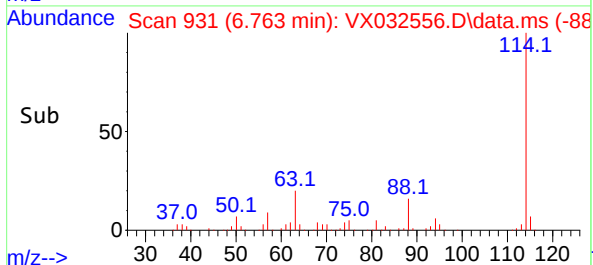
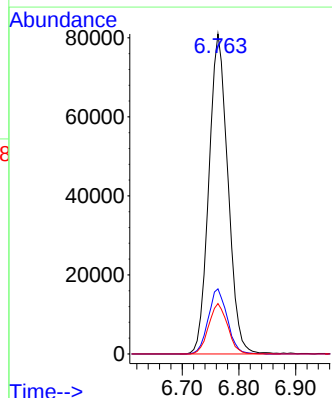
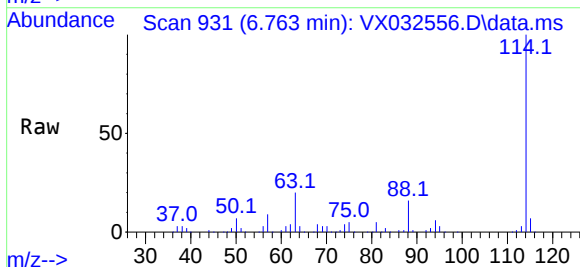
Tgt Ion: 114 Resp: 188739

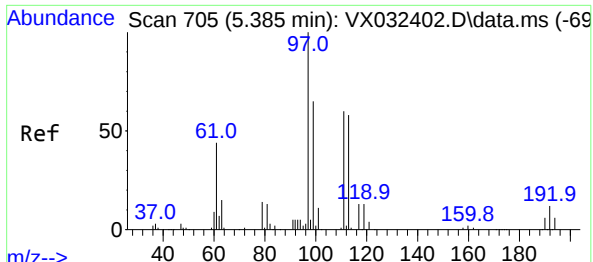
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.8 0.0 33.4

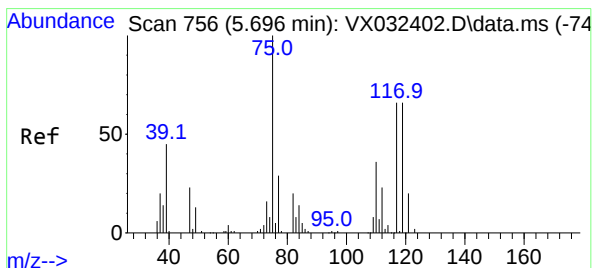
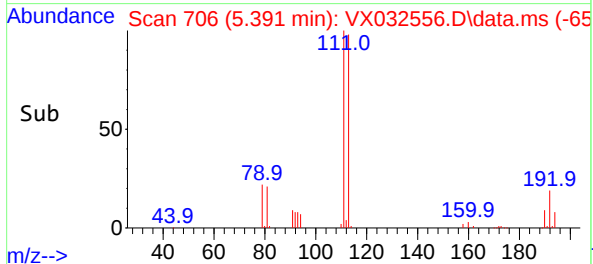
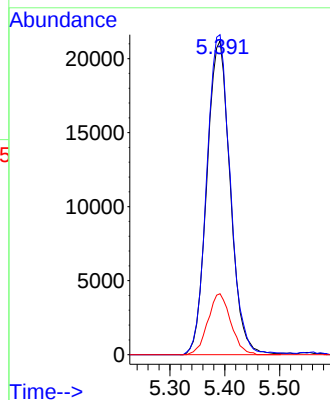
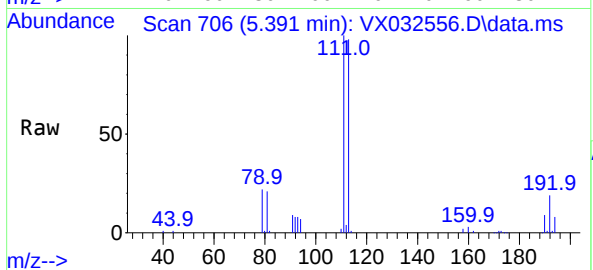




#35
Dibromofluoromethane
Concen: 46.416 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

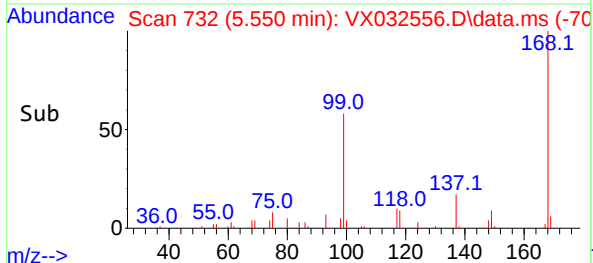
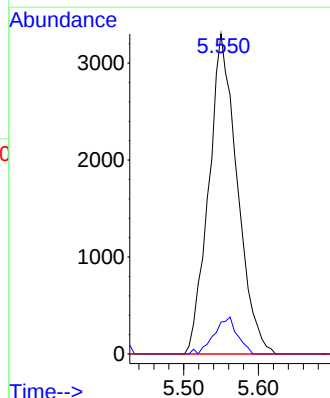
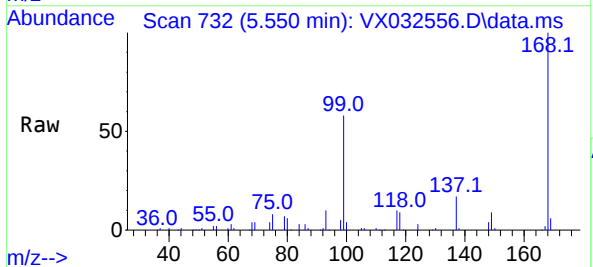
Instrument :
MSVOA_X
ClientSampleId :
5486-5

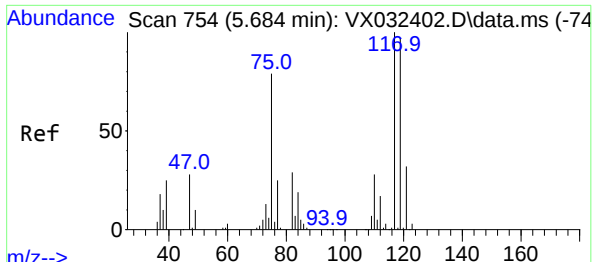
Tgt Ion:113 Resp: 62490
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

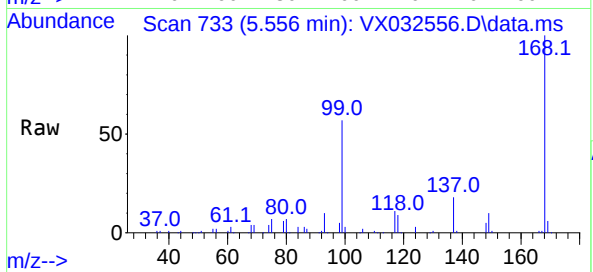
Tgt Ion: 75 Resp: 8745
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



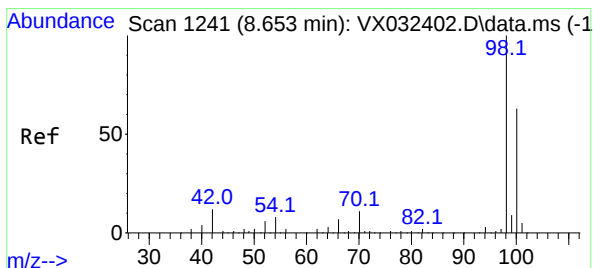
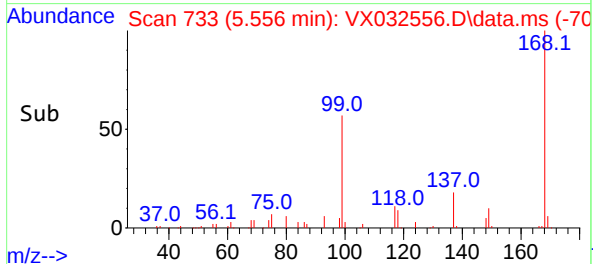
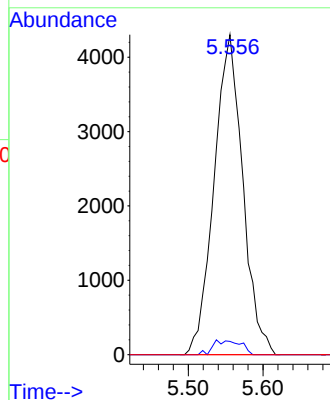


#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
5486-5

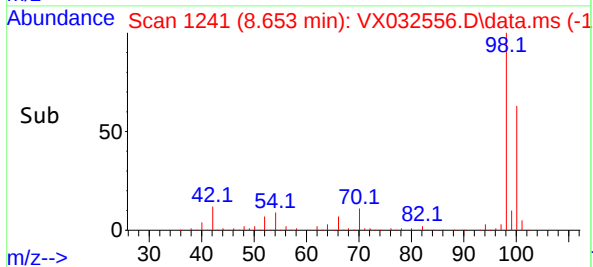
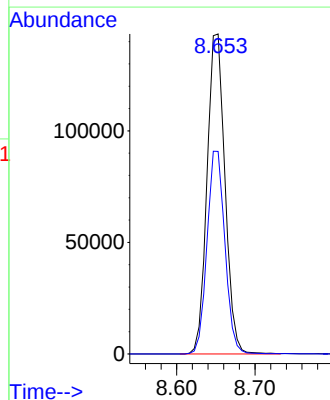
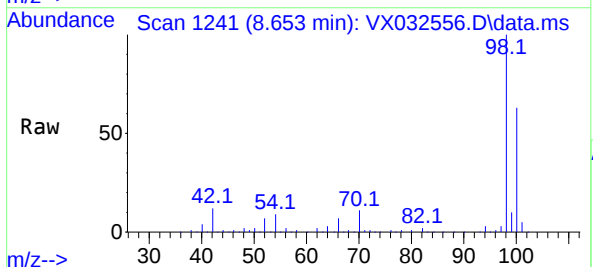


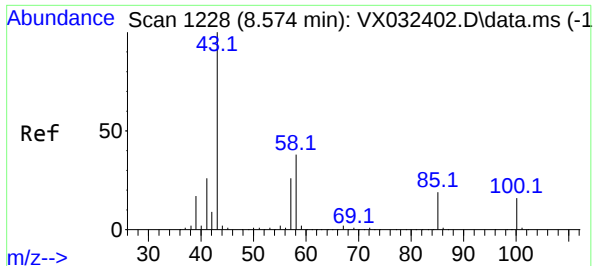
Tgt Ion:117 Resp: 11482
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Tgt Ion: 98 Resp: 227765
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.552 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032556.D

Acq: 03 Nov 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

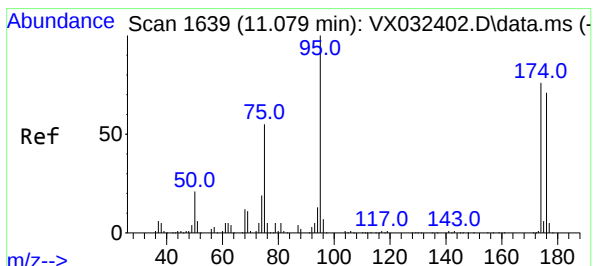
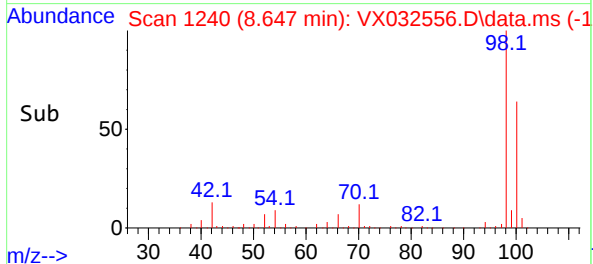
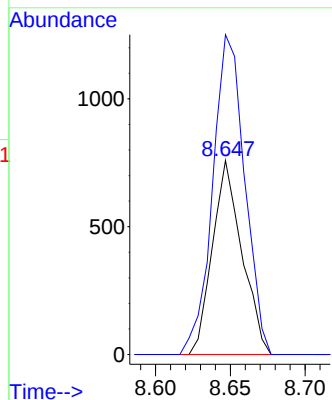
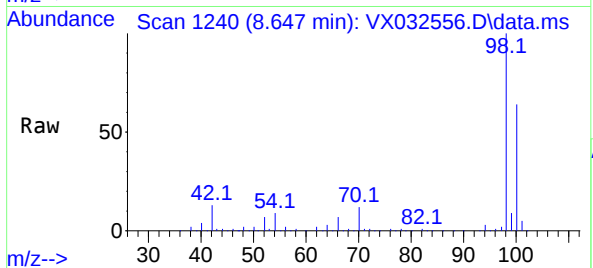
5486-5

Tgt Ion: 43 Resp: 1042

Ion Ratio Lower Upper

43 100

58 178.9 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.687 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032556.D

Acq: 03 Nov 2022 14:25

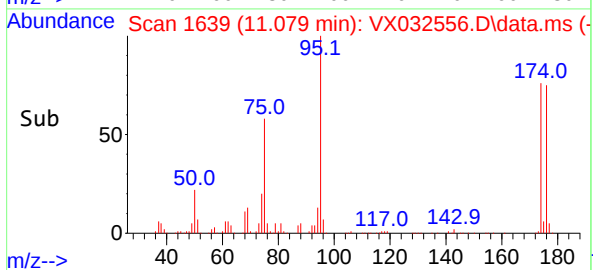
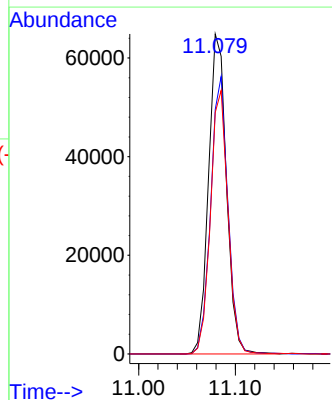
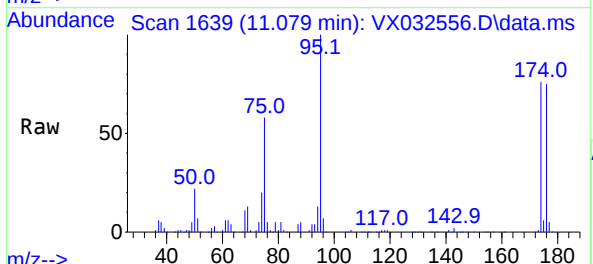
Tgt Ion: 95 Resp: 83546

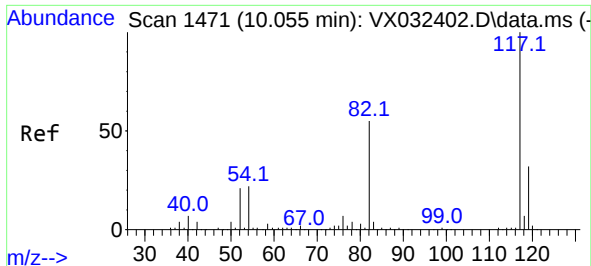
Ion Ratio Lower Upper

95 100

174 83.6 0.0 164.0

176 80.7 0.0 154.4

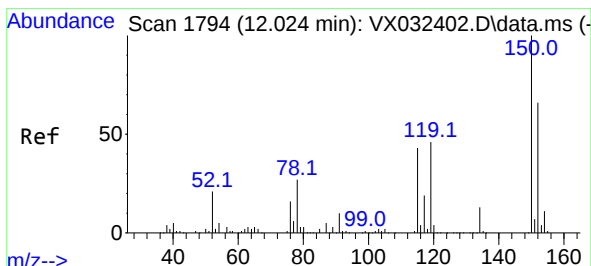
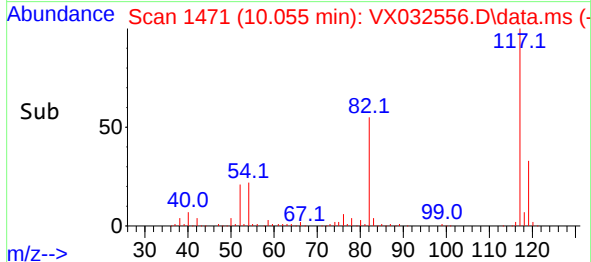
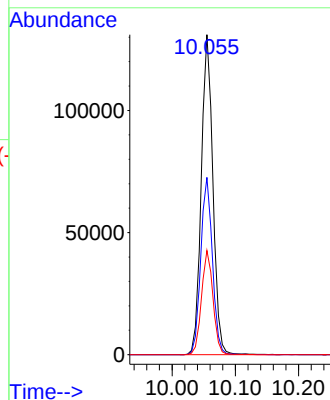
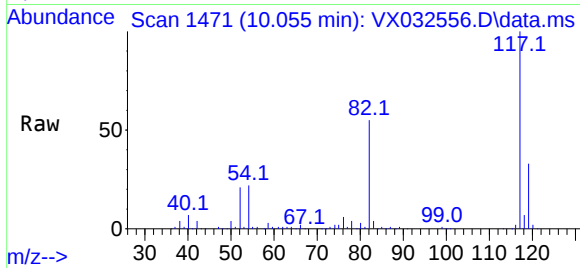




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

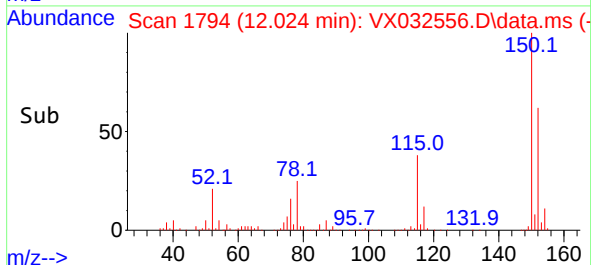
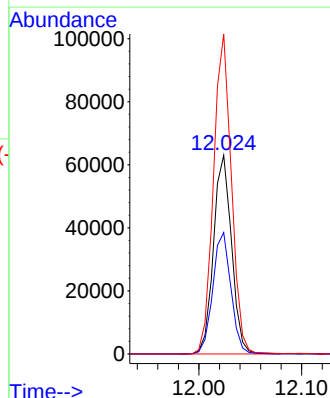
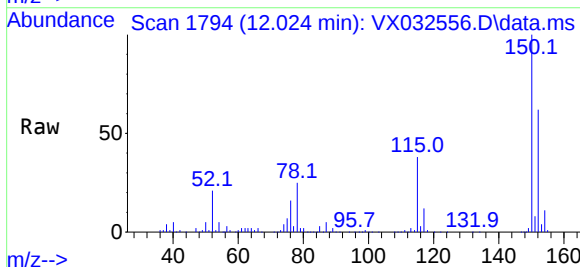
Instrument :
MSVOA_X
ClientSampleId :
5486-5

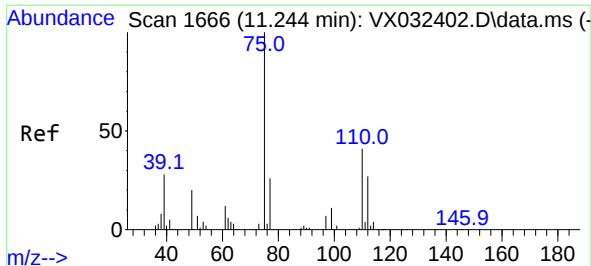
Tgt Ion:117 Resp: 167860
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Tgt Ion:152 Resp: 76793
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 159.9 0.0 351.8

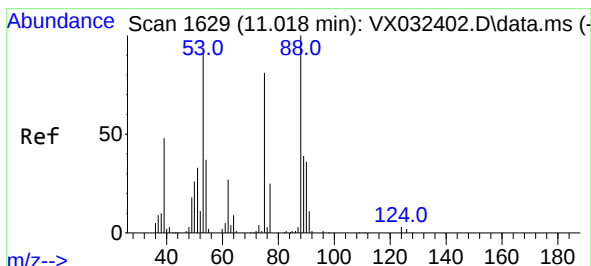
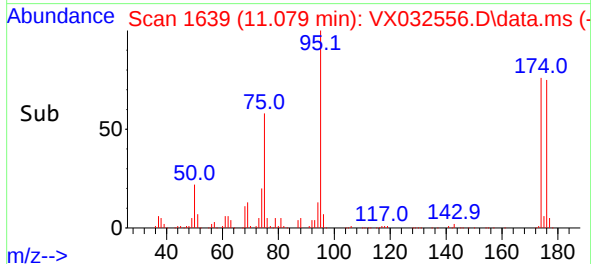
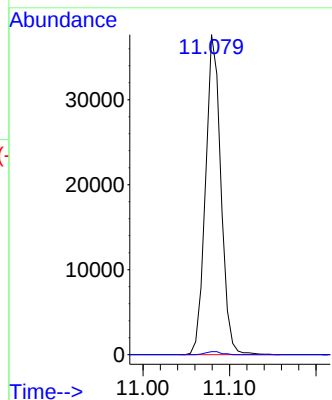
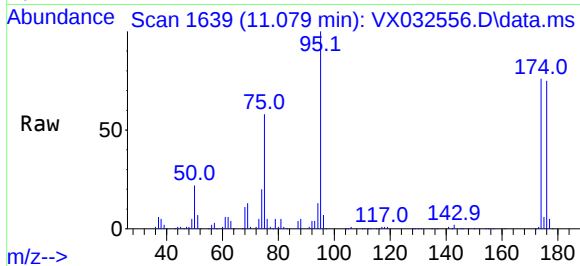




#76
1,2,3-Trichloropropane
Concen: 27.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
5486-5

Tgt Ion: 75 Resp: 46429
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032556.D
Acq: 03 Nov 2022 14:25

Tgt Ion: 75 Resp: 46429
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

