

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032587.D
 Acq On : 04 Nov 2022 19:21
 Operator : JC/MD
 Sample : N5486-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:40:13 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)

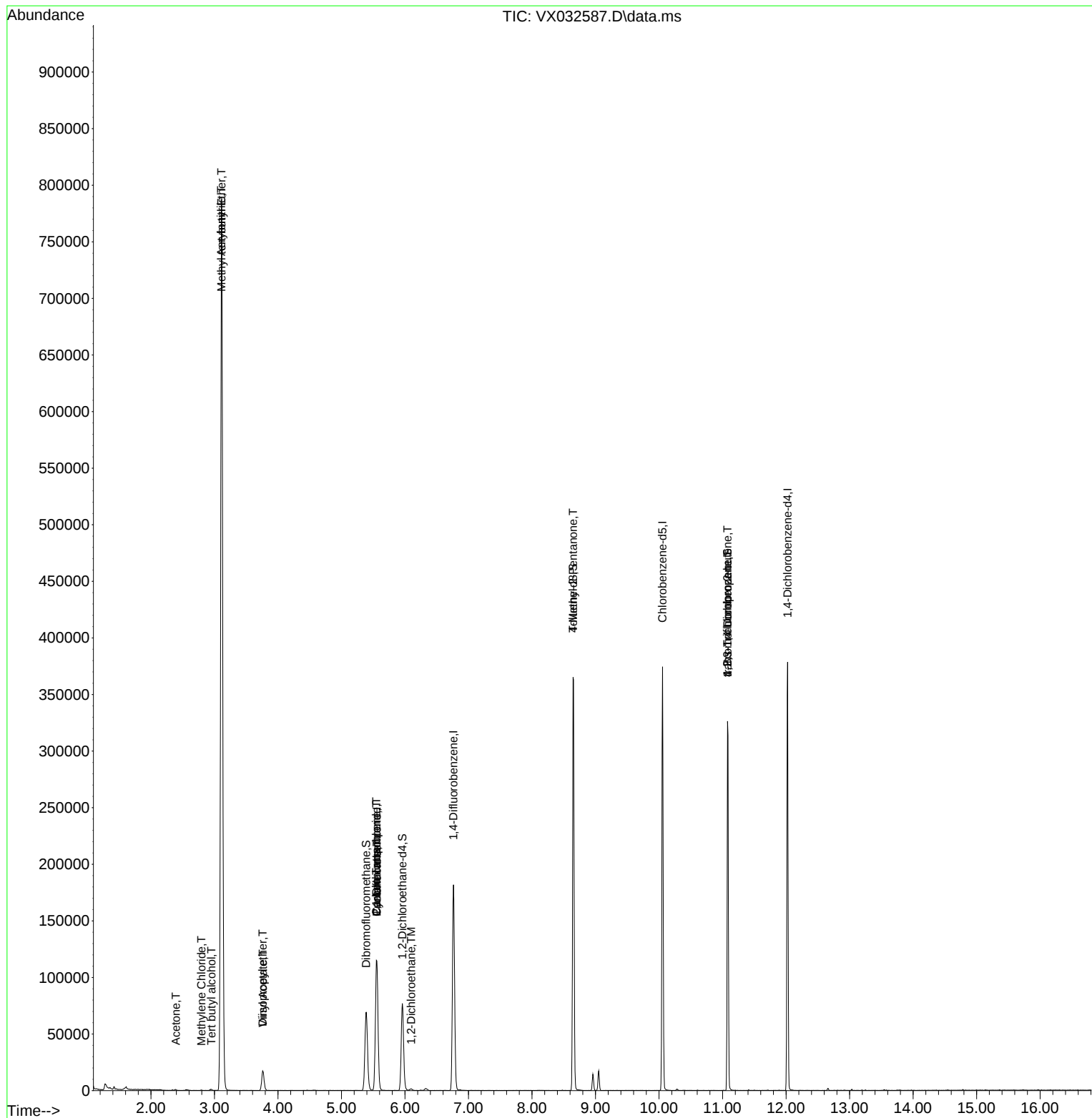
Internal Standards						
1) Pentafluorobenzene	5.556	168	109748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76676	50.282	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.560%			
35) Dibromofluoromethane	5.385	113	60476	46.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.340%			
50) Toluene-d8	8.647	98	219457	48.180	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.360%			
62) 4-Bromofluorobenzene	11.079	95	83493	46.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.860%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	910	4.100	ug/l #	72
15) Acrylonitrile	3.105	53	9781	16.238	ug/l #	28
16) Acetone	2.392	43	1067	1.925	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	834406	215.700	ug/l	100
20) Methylene Chloride	2.794	84	272	0.214	ug/l #	74
22) Diisopropyl ether	3.757	45	17732	4.673	ug/l #	84
23) Vinyl Acetate	3.763	43	9989	3.258	ug/l #	72
31) Cyclohexane	5.556	56	2419	1.308	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	8537	4.680	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11462	5.665	ug/l #	15
42) 1,2-Dichloroethane	6.098	62	1874	0.888	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	999	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45768	26.796	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45768	85.265	ug/l #	6

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

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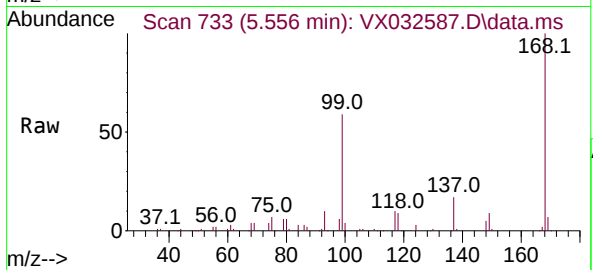
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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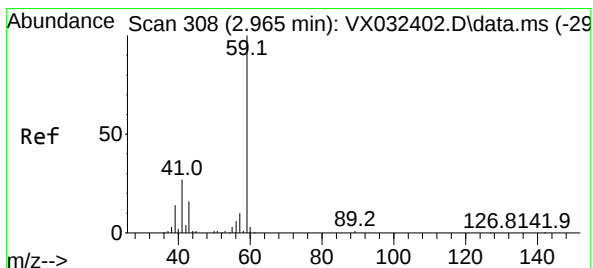
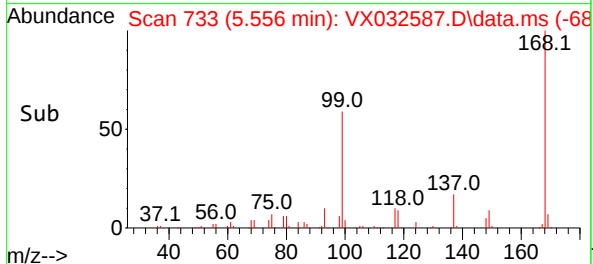
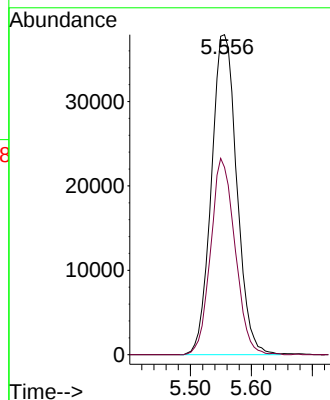


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :

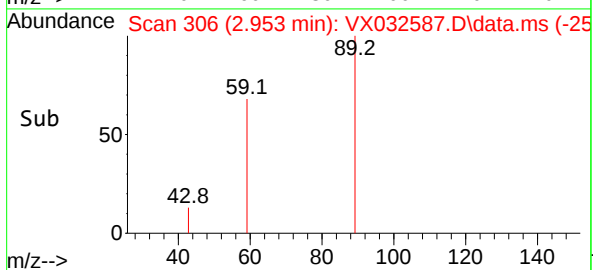
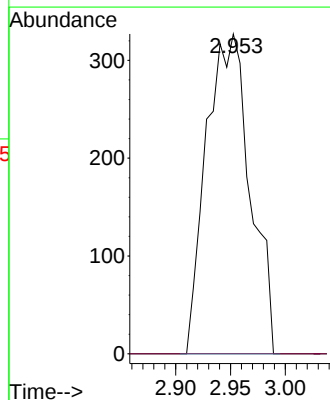
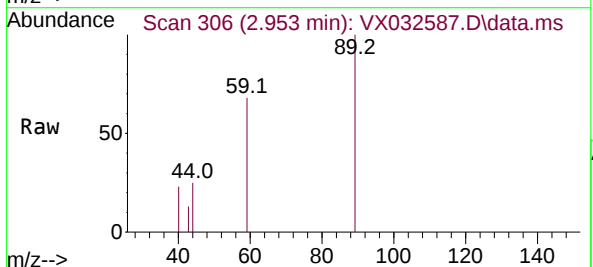


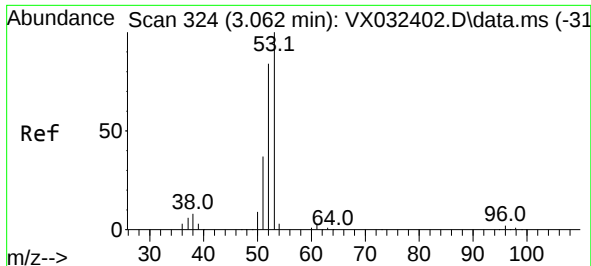
Tgt Ion:168 Resp: 109748
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.100 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 59 Resp: 910
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

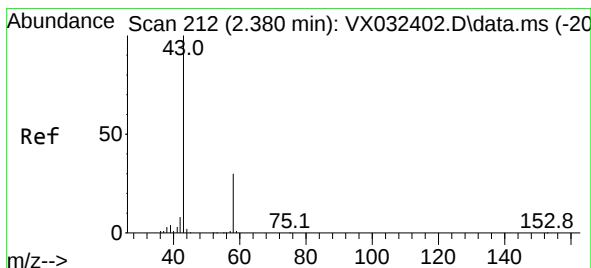
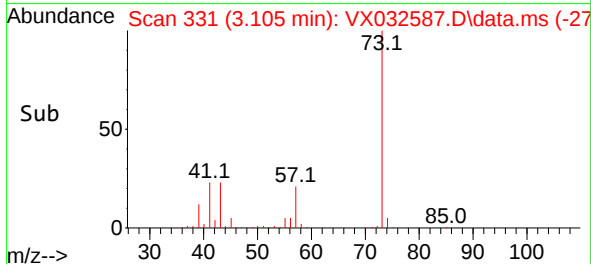
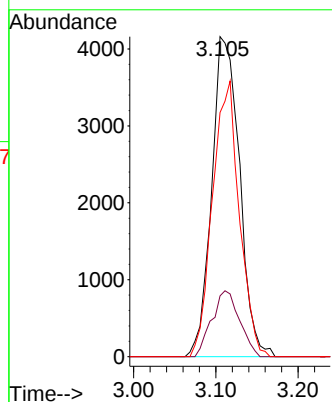
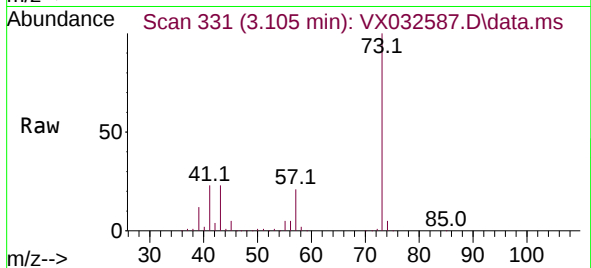




#15
Acrylonitrile
Concen: 16.238 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

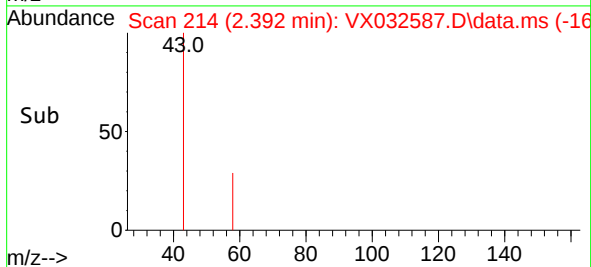
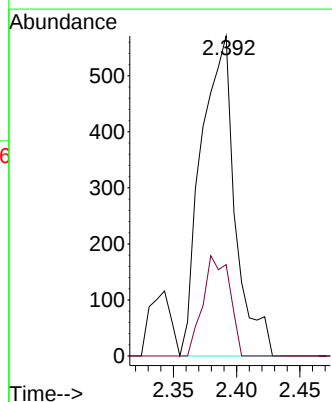
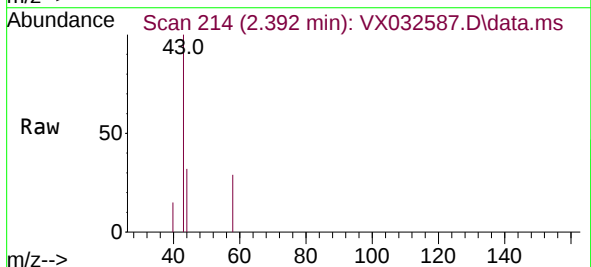
Instrument :
MSVOA_X
ClientSampleId :

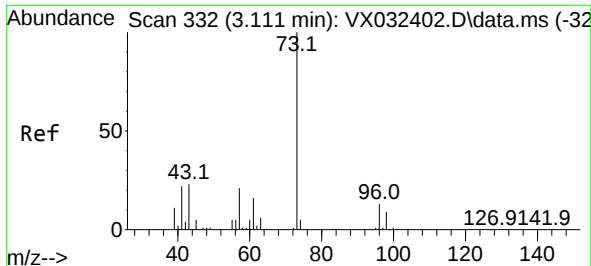
Tgt Ion: 53 Resp: 9781
Ion Ratio Lower Upper
53 100
52 20.5 67.4 101.0#
51 82.9 30.3 45.5#



#16
Acetone
Concen: 1.925 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.8

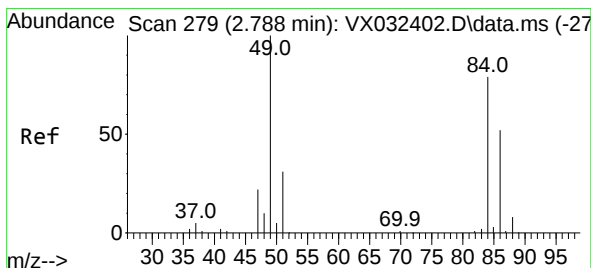
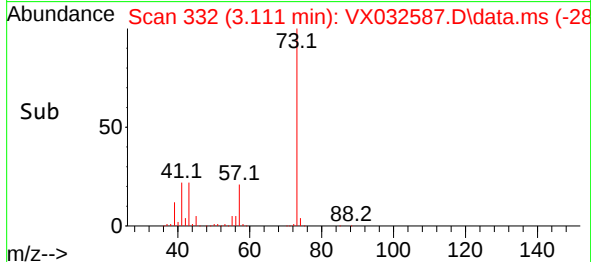
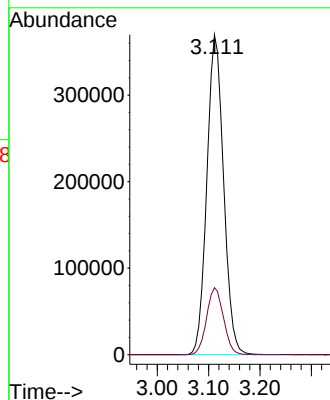
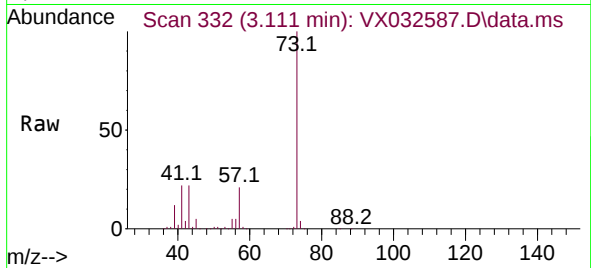




#19
Methyl tert-butyl Ether
Concen: 215.700 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

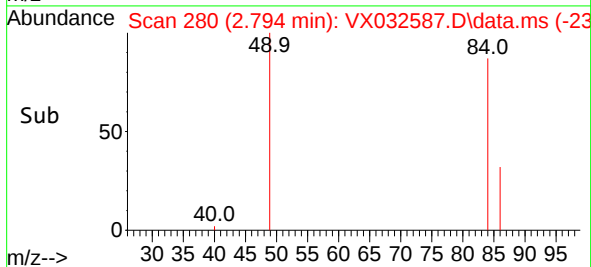
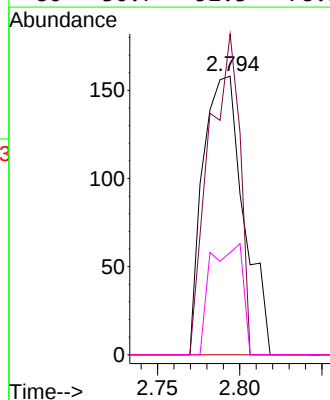
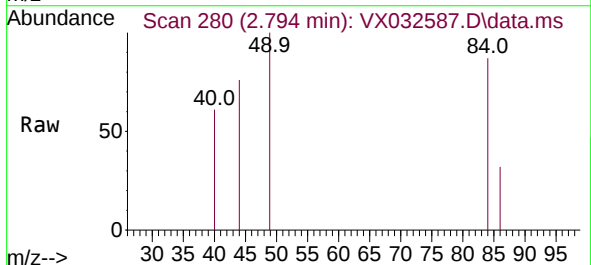
Instrument :
MSVOA_X
ClientSampleId :

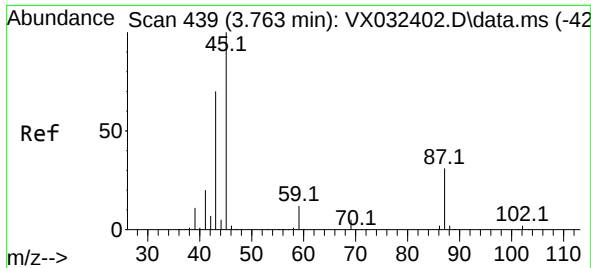
Tgt Ion: 73 Resp: 834406
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 84 Resp: 272
Ion Ratio Lower Upper
84 100
49 115.2 101.0 151.6
51 0.0 31.1 46.7#
86 36.7 52.3 78.5#

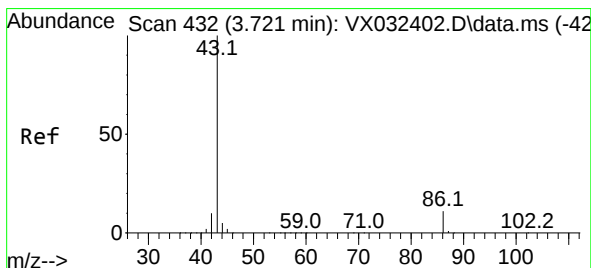
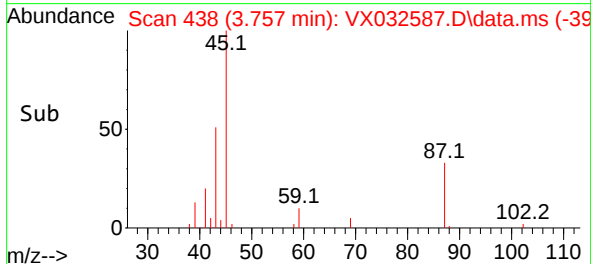
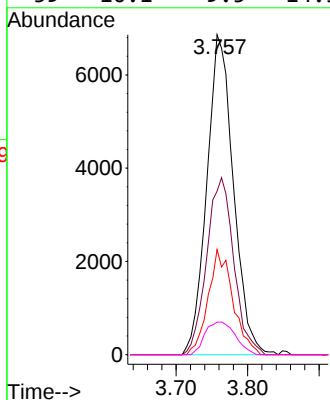
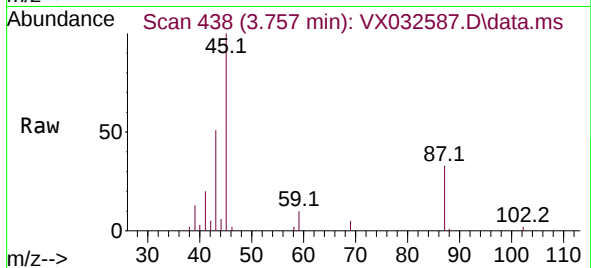




#22
Diisopropyl ether
Concen: 4.673 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

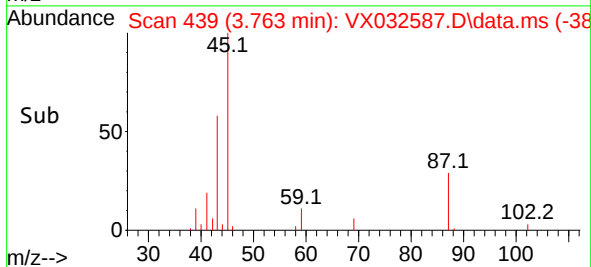
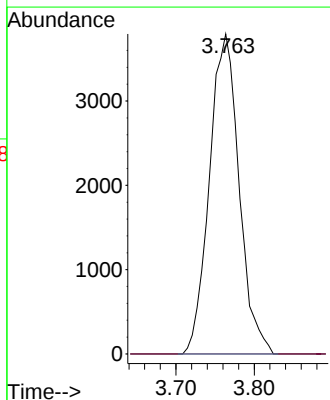
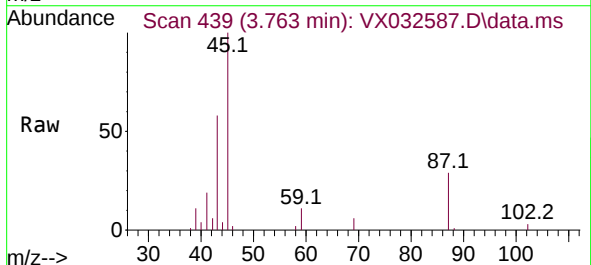
Instrument :
MSVOA_X
ClientSampleId :

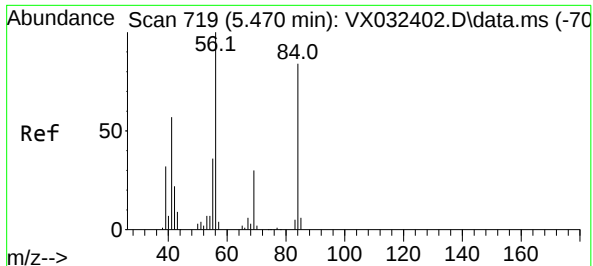
Tgt Ion: 45 Resp: 17732
Ion Ratio Lower Upper
45 100
43 51.1 56.4 84.6#
87 32.8 24.4 36.6
59 10.1 9.5 14.3



#23
Vinyl Acetate
Concen: 3.258 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

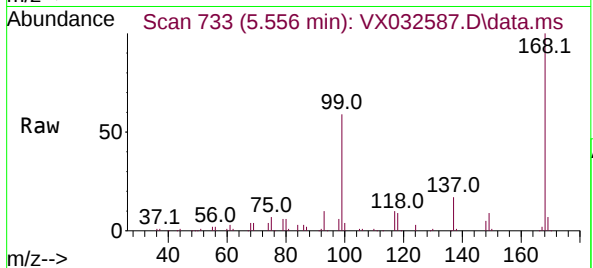
Tgt Ion: 43 Resp: 9989
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#



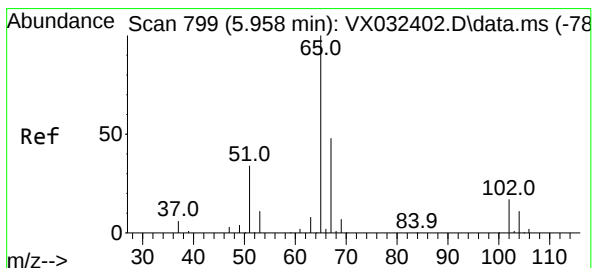
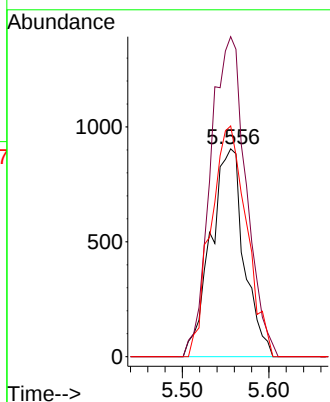
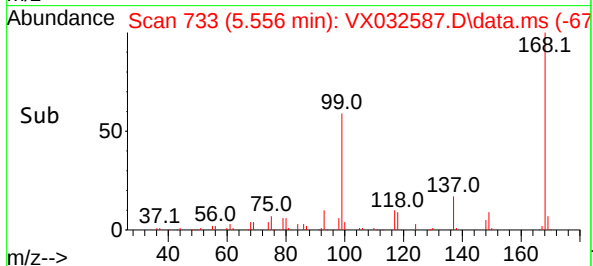


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :

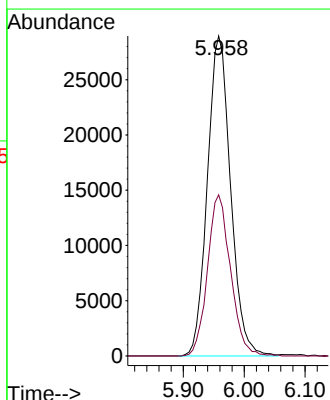
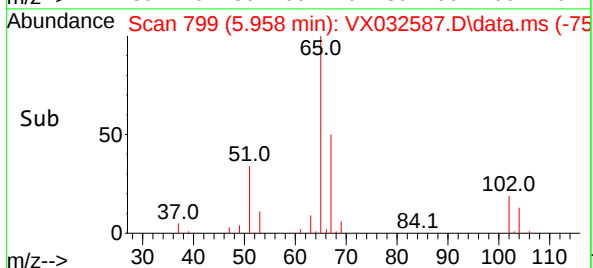
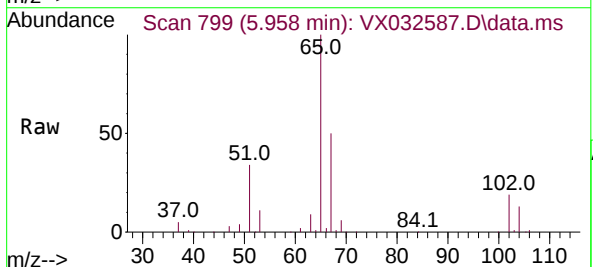


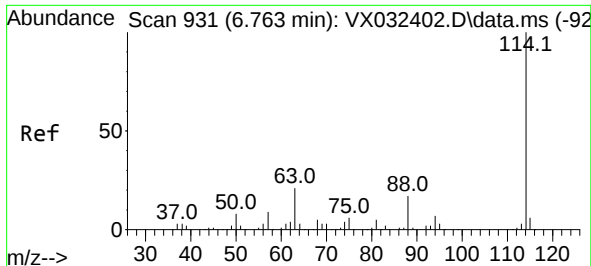
Tgt Ion: 56 Resp: 2419
Ion Ratio Lower Upper
56 100
69 153.9 24.1 36.1#
84 110.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.282 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 65 Resp: 76676
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

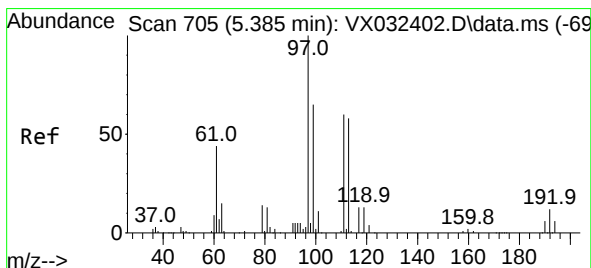
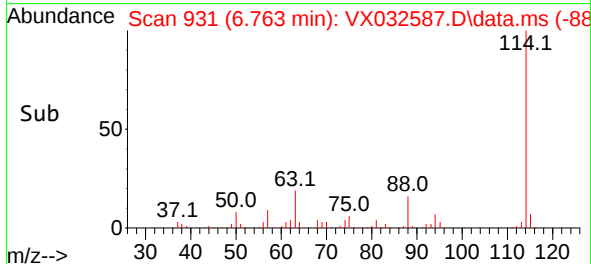
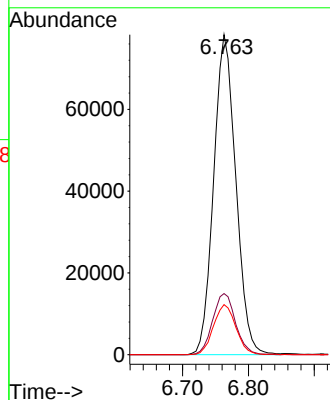
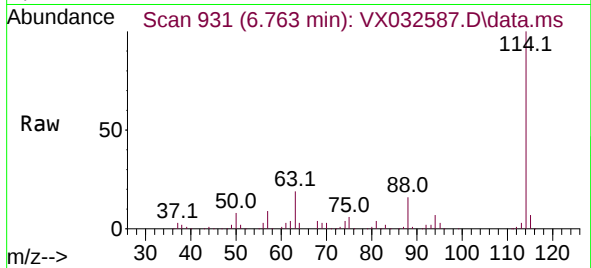




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

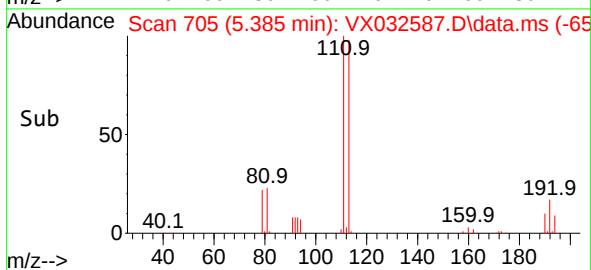
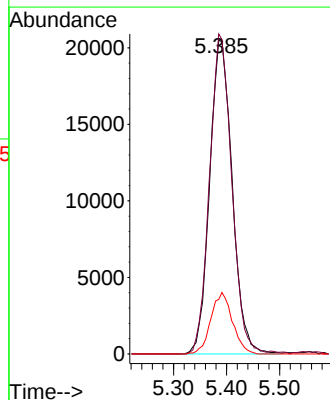
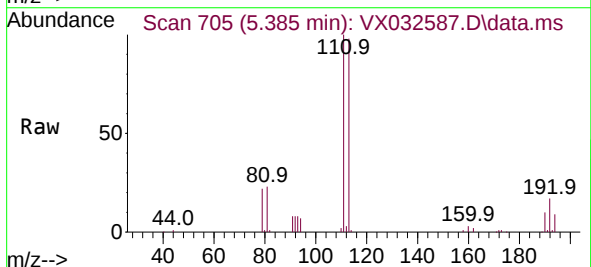
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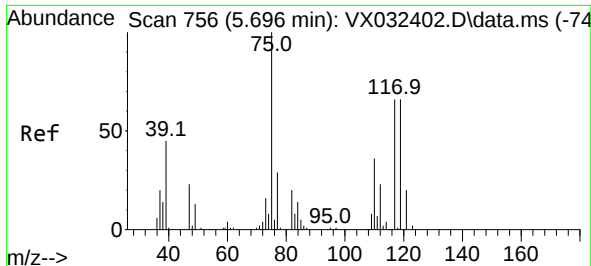
Tgt Ion:114 Resp: 183641
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.167 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion:113 Resp: 60476
Ion Ratio Lower Upper
113 100
111 100.3 82.4 123.6
192 18.8 15.4 23.2

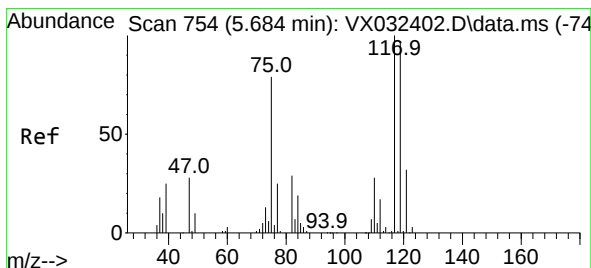
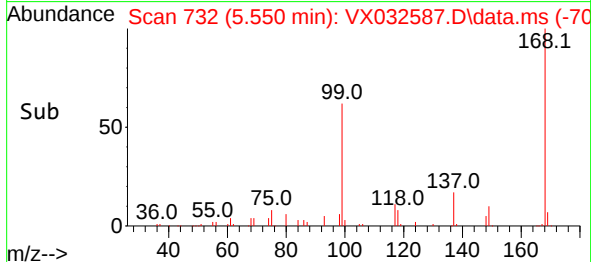
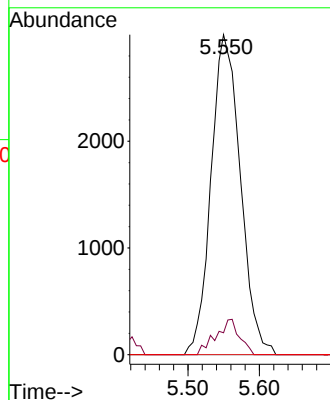
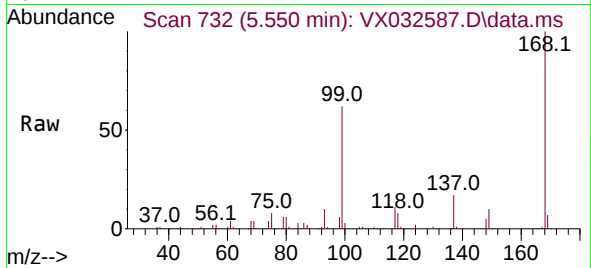




#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

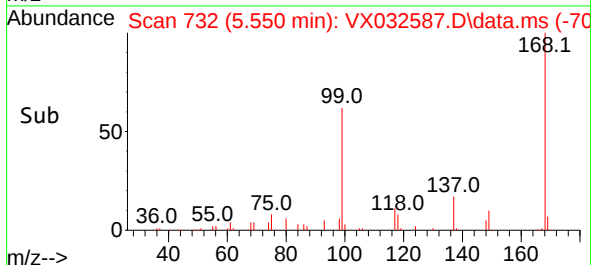
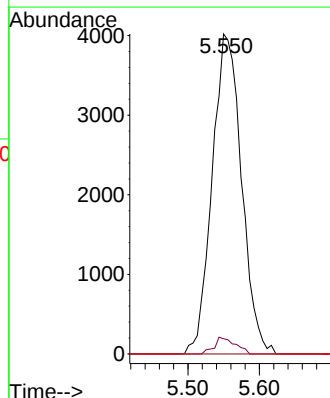
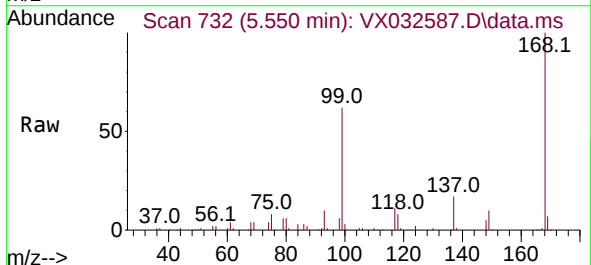
Instrument :
MSVOA_X
ClientSampleId :

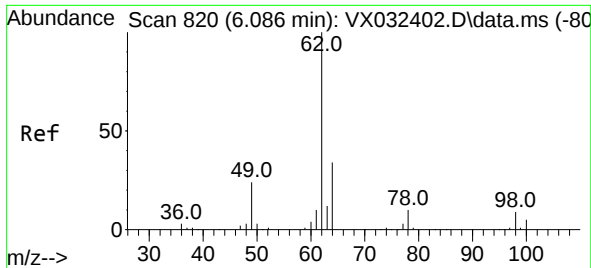
Tgt Ion: 75 Resp: 8537
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 117 Resp: 11462
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.6#





#42

1,2-Dichloroethane

Concen: 0.888 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX032587.D

Acq: 04 Nov 2022 19:21

Instrument :

MSVOA_X

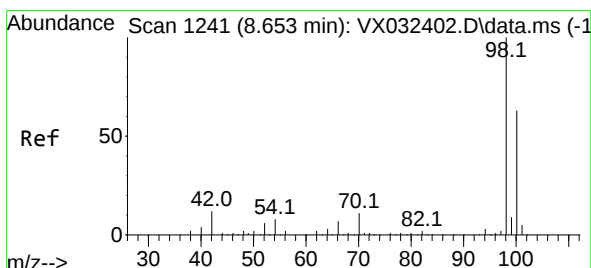
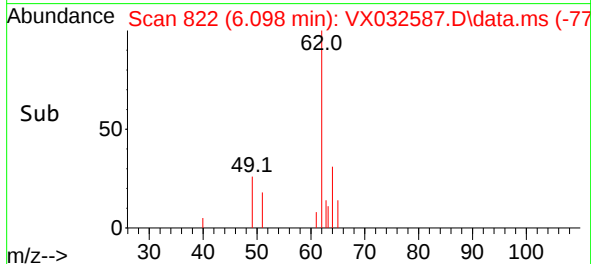
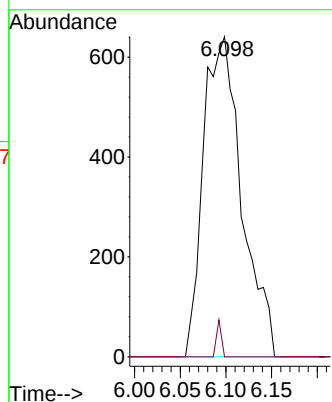
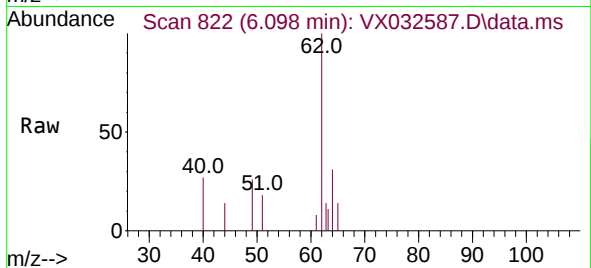
ClientSampleId :

Tgt Ion: 62 Resp: 1874

Ion Ratio Lower Upper

62 100

98 1.4 0.0 16.0



#50

Toluene-d8

Concen: 48.180 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032587.D

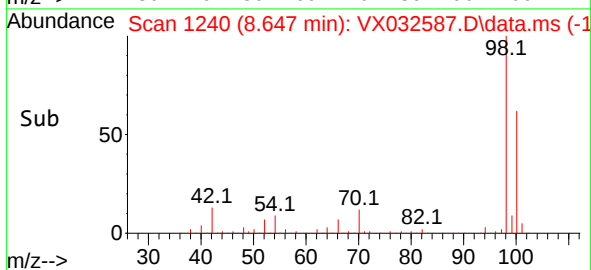
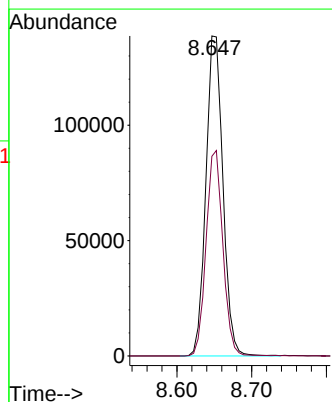
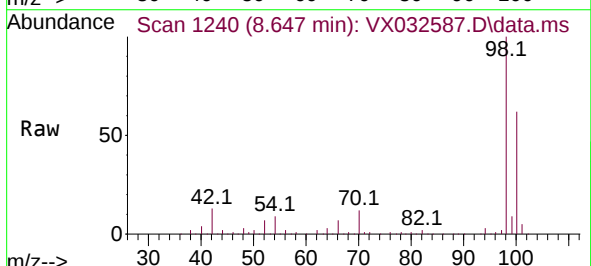
Acq: 04 Nov 2022 19:21

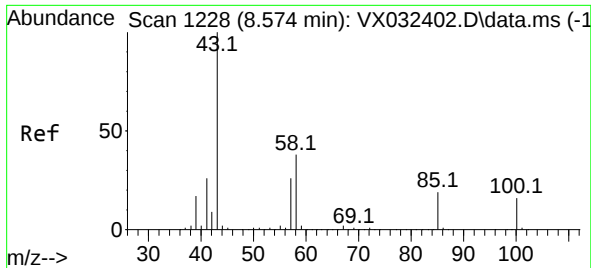
Tgt Ion: 98 Resp: 219457

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.544 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032587.D

Acq: 04 Nov 2022 19:21

Instrument :

MSVOA_X

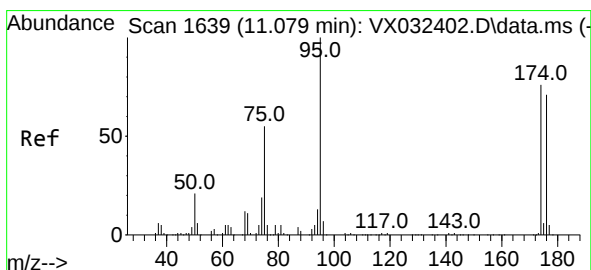
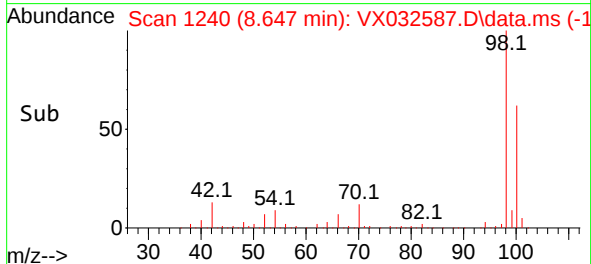
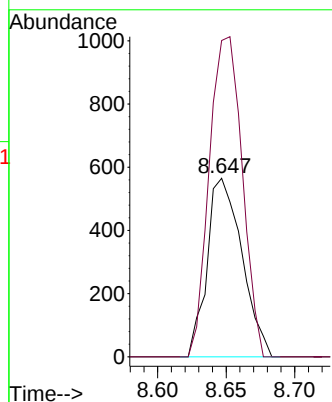
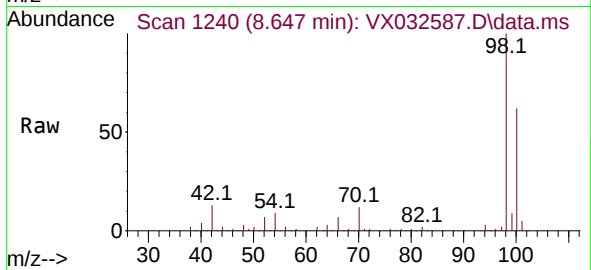
ClientSampleId :

Tgt Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

58 169.4 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.926 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032587.D

Acq: 04 Nov 2022 19:21

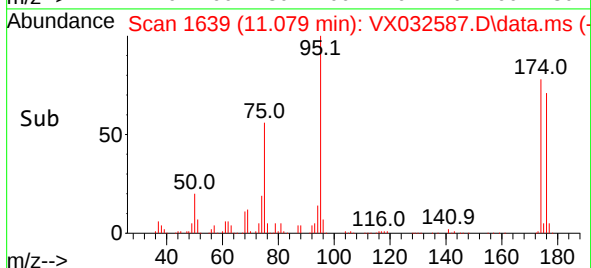
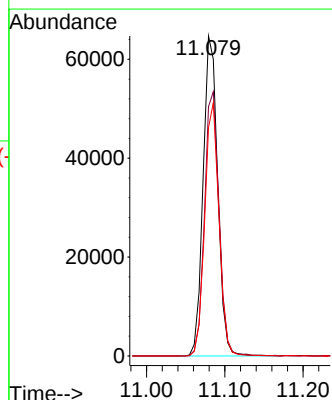
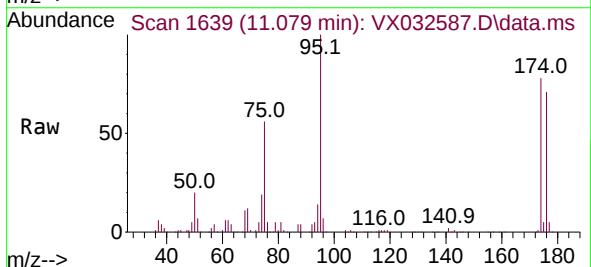
Tgt Ion: 95 Resp: 83493

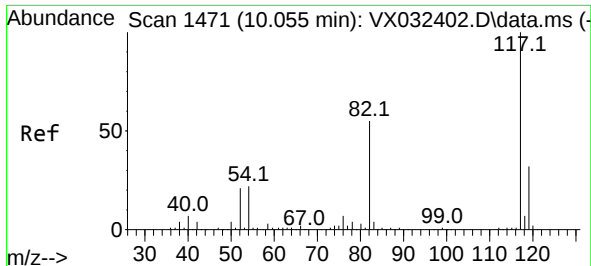
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 77.6 0.0 154.4

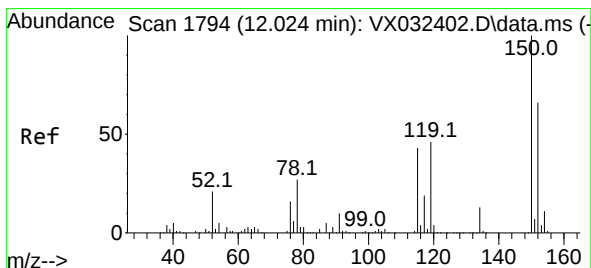
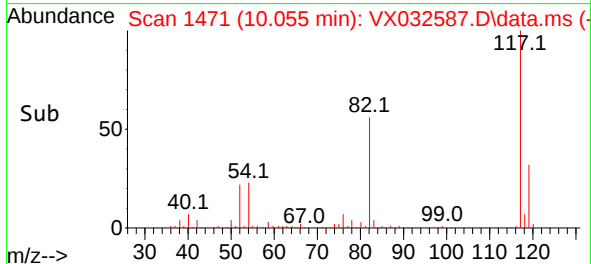
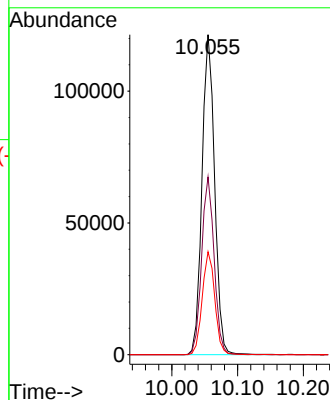
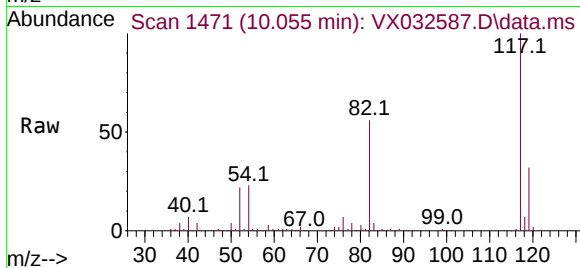




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

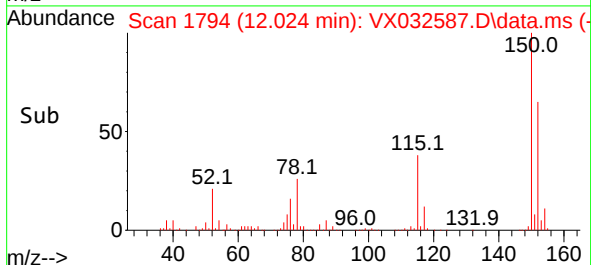
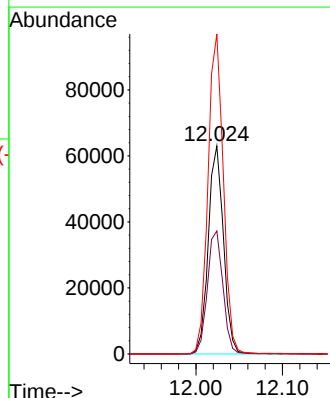
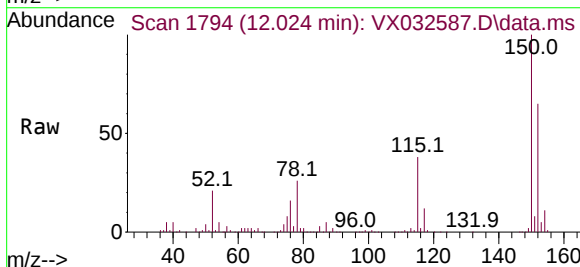
Instrument :
MSVOA_X
ClientSampleId :

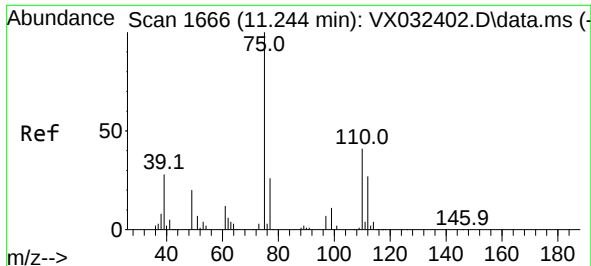
Tgt Ion:117 Resp: 161953
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion:152 Resp: 76774
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 154.9 0.0 351.8

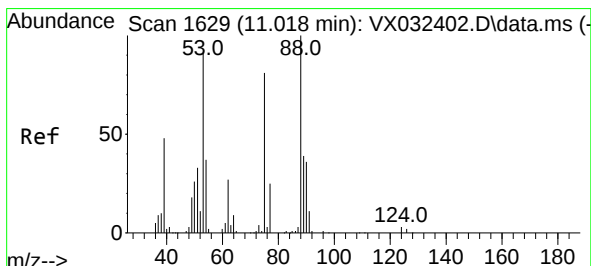
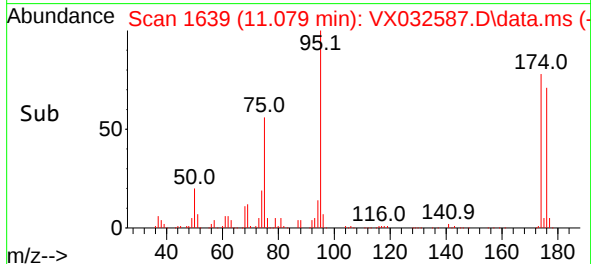
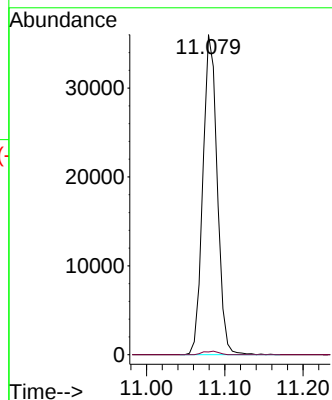
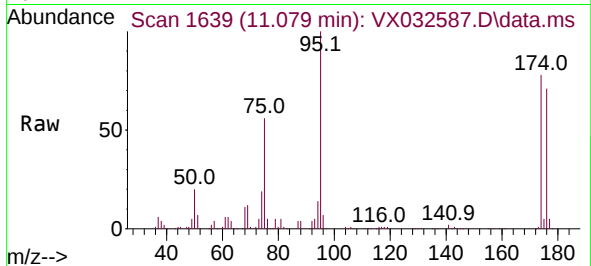




#76
1,2,3-Trichloropropane
Concen: 26.796 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45768
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032587.D
Acq: 04 Nov 2022 19:21

Tgt Ion: 75 Resp: 45768
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

