

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033067.D
 Acq On : 25 Nov 2022 14:55
 Operator : JC/MD
 Sample : N5742-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB111822

Quant Time: Nov 28 00:47:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

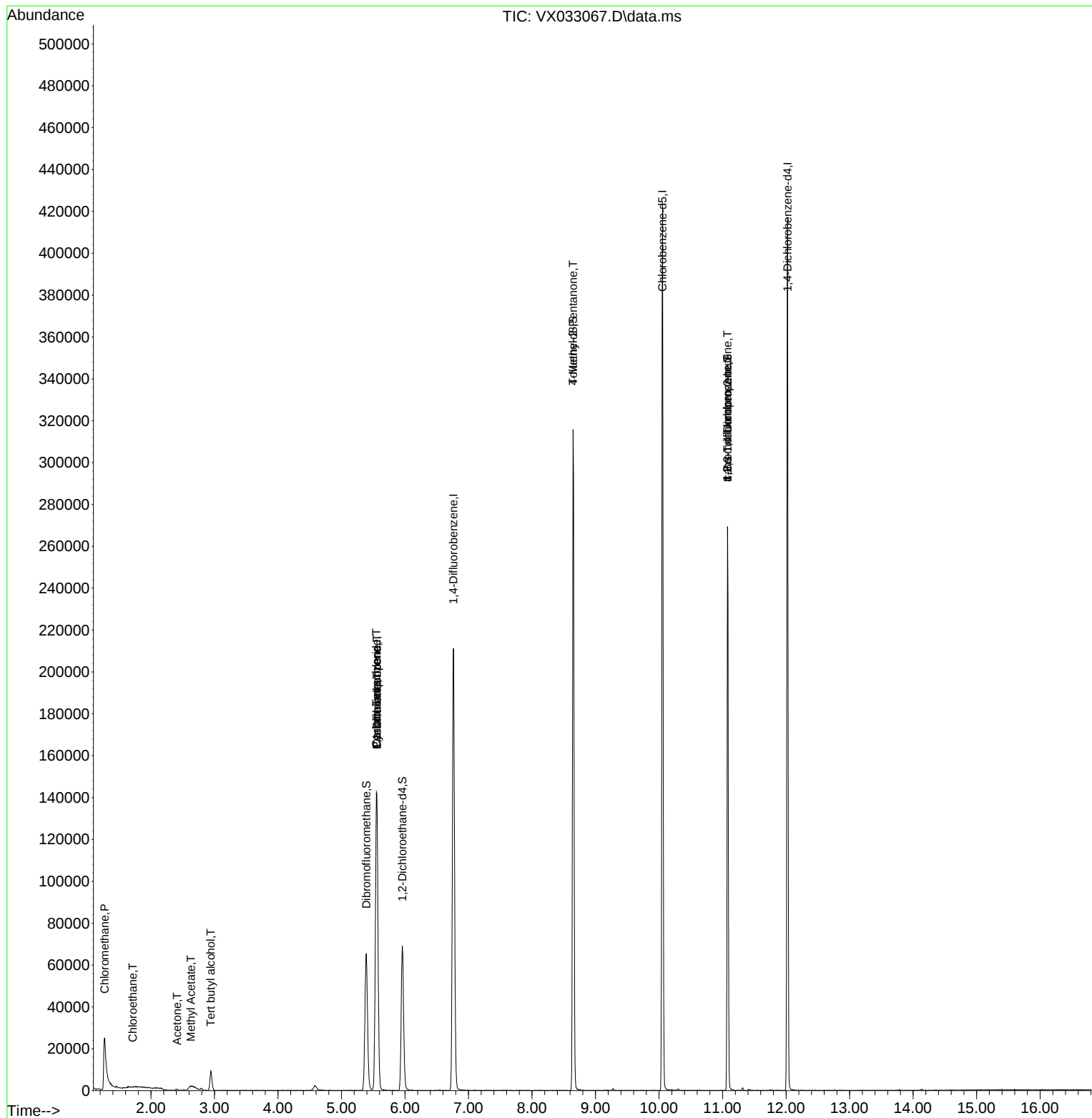
Internal Standards						
1) Pentafluorobenzene	5.556	168	134835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69827	53.198	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.400%			
35) Dibromofluoromethane	5.391	113	56084	46.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.340%			
50) Toluene-d8	8.647	98	187868	51.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.940%			
62) 4-Bromofluorobenzene	11.079	95	67546	42.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.660%			
Target Compounds						Qvalue
3) Chloromethane	1.270	50	1237	1.112	ug/l #	43
6) Chloroethane	1.715	64	356	0.353	ug/l #	42
11) Tert butyl alcohol	2.940	59	5400	25.943	ug/l #	73
16) Acetone	2.410	43	993	1.619	ug/l	91
18) Methyl Acetate	2.630	43	1738	1.024	ug/l #	51
20) Methylene Chloride	2.788	84	413	Below Cal	#	84
31) Cyclohexane	5.556	56	2875	1.351	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10283	5.294	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14260	6.619	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	886	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37097	22.441	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37097	72.944	ug/l #	6

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

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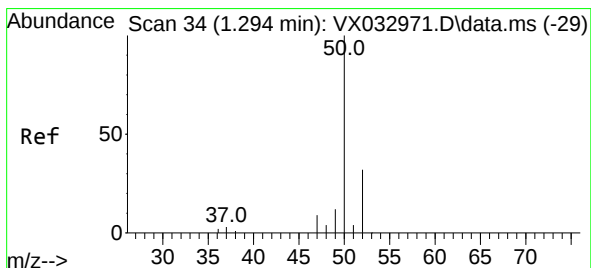
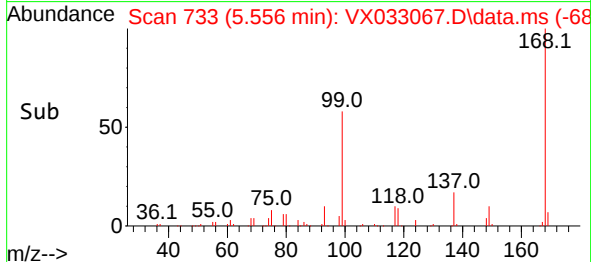
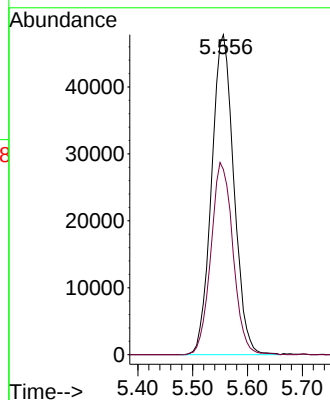
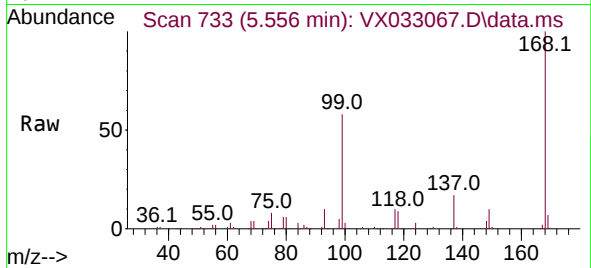




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

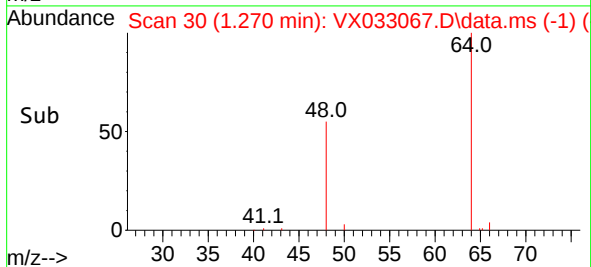
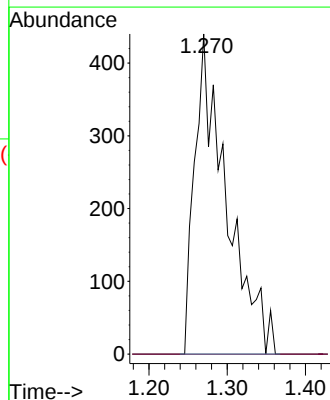
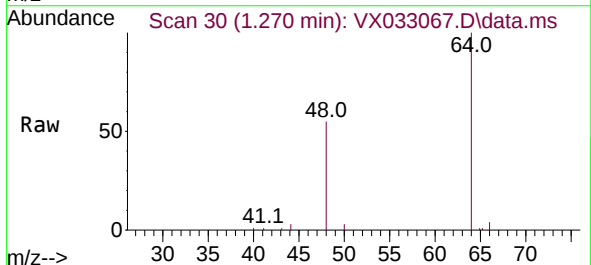
Instrument :
MSVOA_X
ClientSampleId :
TB111822

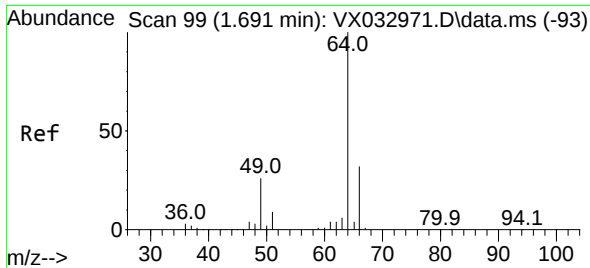
Tgt Ion:168 Resp: 134835
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#3
Chloromethane
Concen: 1.112 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion: 50 Resp: 1237
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

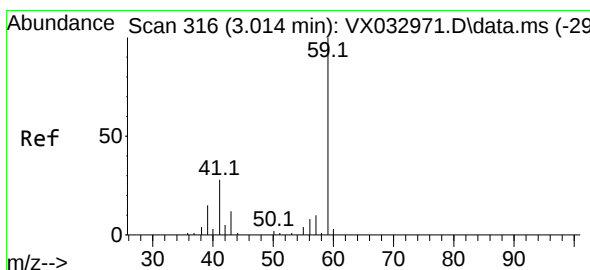
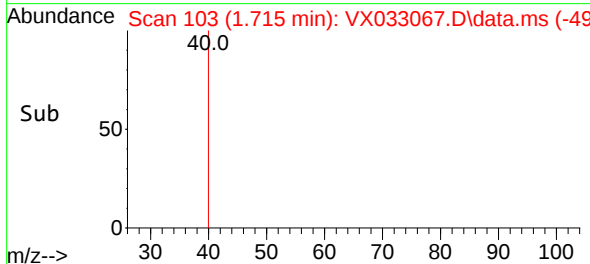
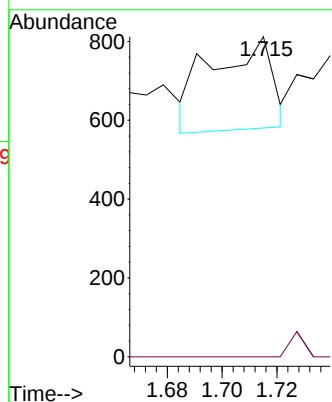
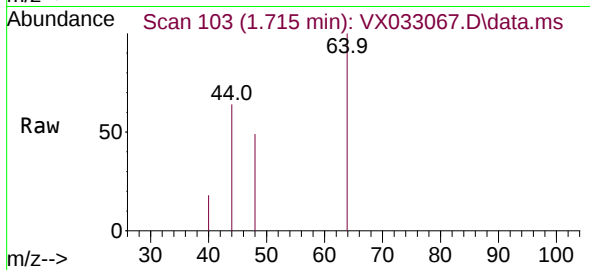




#6
Chloroethane
Concen: 0.353 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

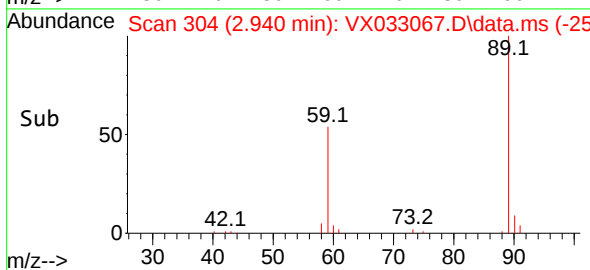
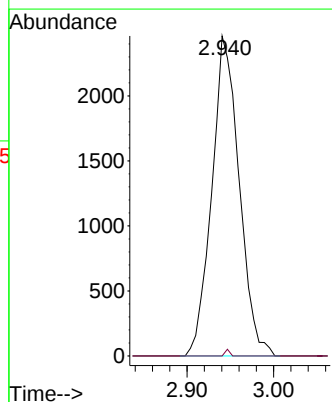
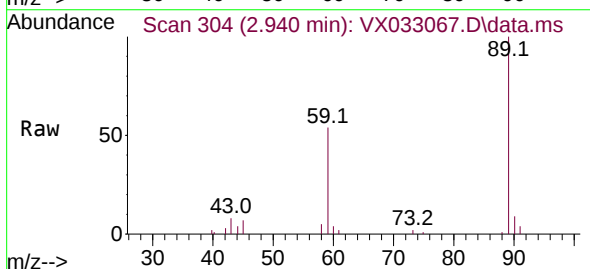
Instrument :
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ClientSampleId :
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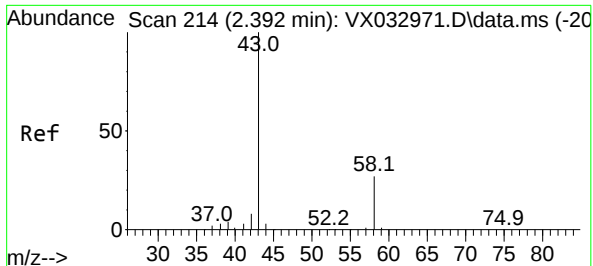
Tgt Ion: 64 Resp: 356
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 25.943 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion: 59 Resp: 5400
Ion Ratio Lower Upper
59 100
57 0.4 8.2 12.4#

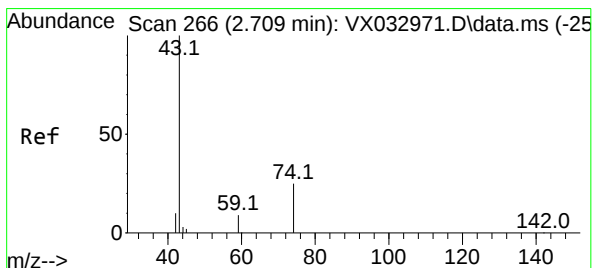
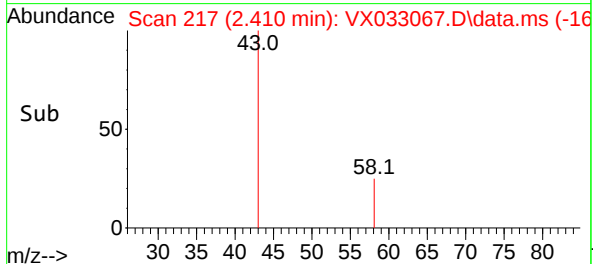
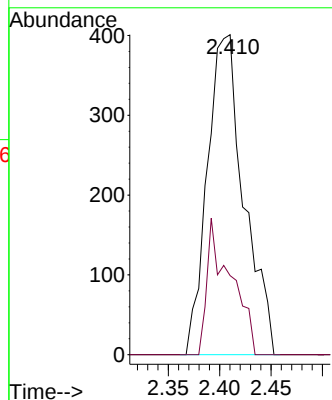
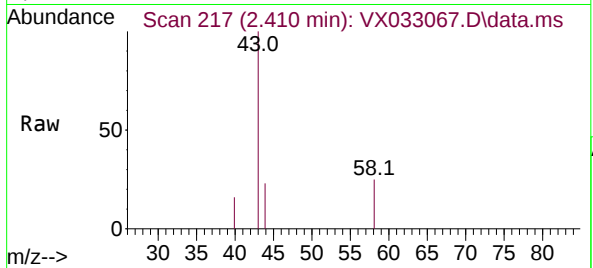




#16
Acetone
Concen: 1.619 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.030 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

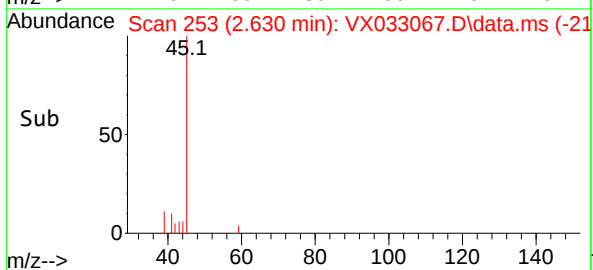
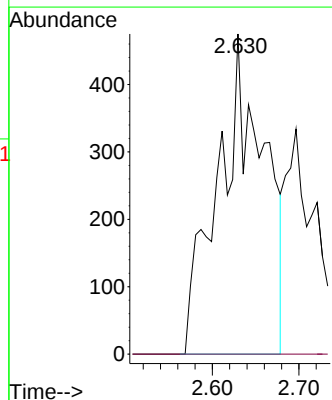
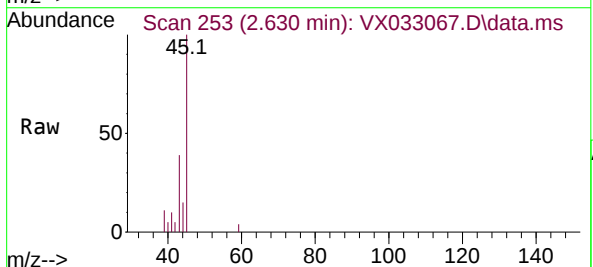
Instrument :
MSVOA_X
ClientSampleId :
TB111822

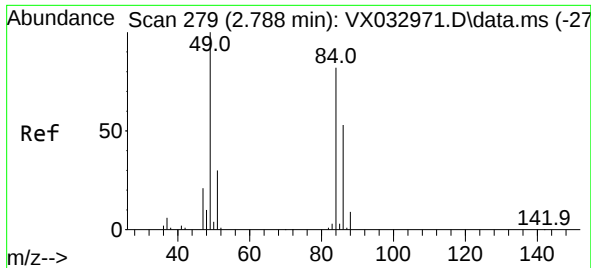
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 24.7 23.8 35.8



#18
Methyl Acetate
Concen: 1.024 ug/l
RT: 2.630 min Scan# 253
Delta R.T. -0.073 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

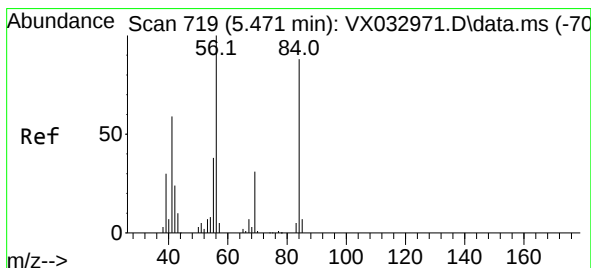
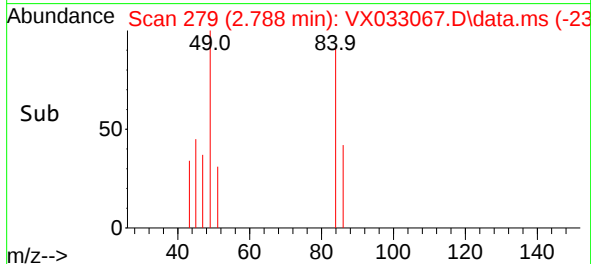
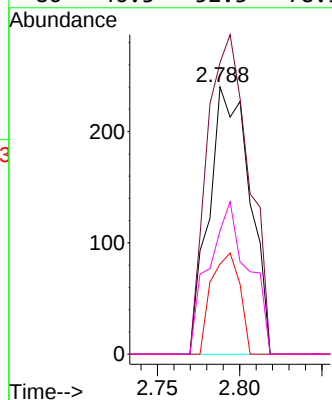
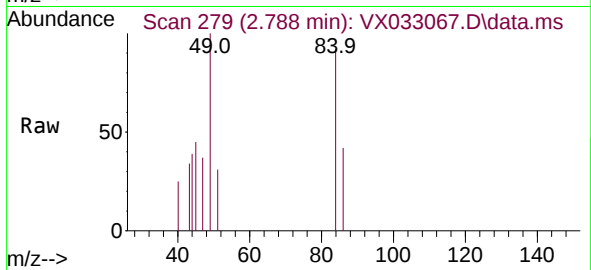




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

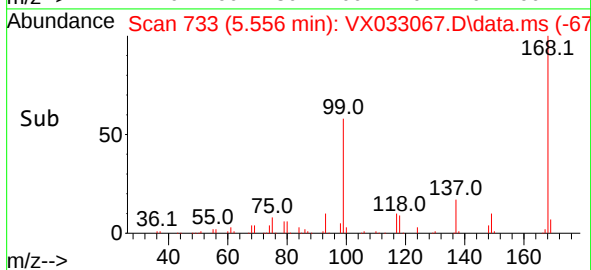
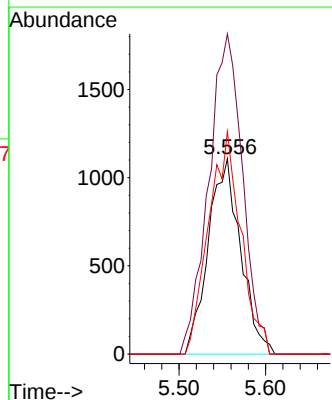
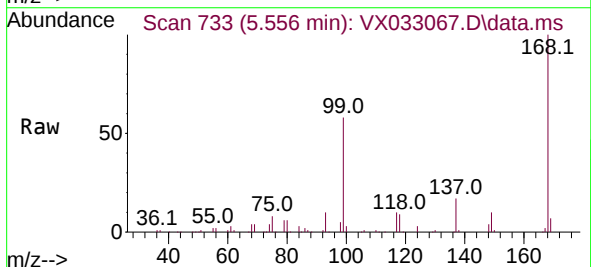
Instrument :
MSVOA_X
ClientSampleId :
TB111822

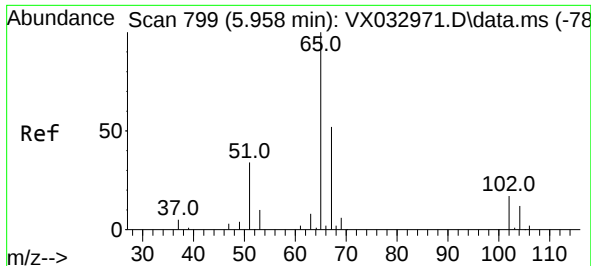
Tgt Ion:	84	Resp:	413
Ion	Ratio	Lower	Upper
84	100		
49	109.2	101.0	151.6
51	33.8	31.1	46.7
86	46.3	52.3	78.5#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion:	56	Resp:	2875
Ion	Ratio	Lower	Upper
56	100		
69	164.0	24.1	36.1#
84	126.1	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.198 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033067.D

Acq: 25 Nov 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

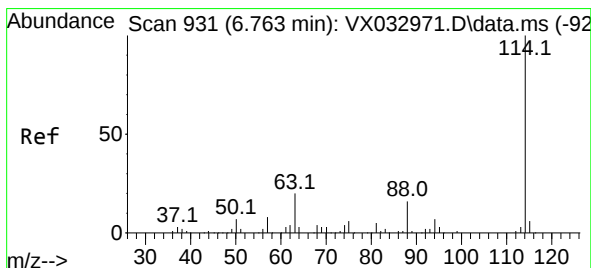
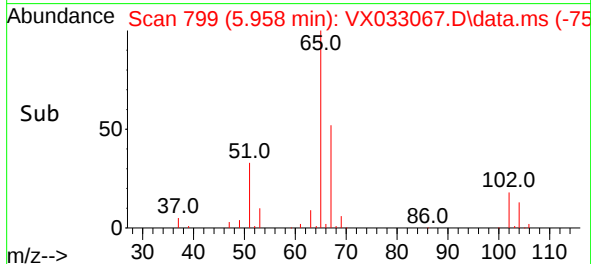
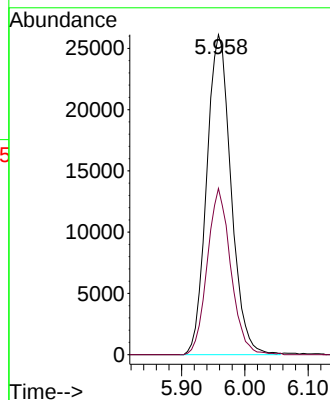
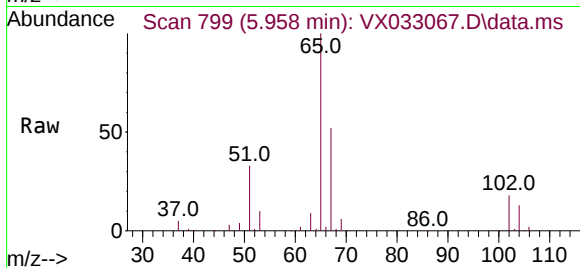
TB111822

Tgt Ion: 65 Resp: 69827

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: VX033067.D

Acq: 25 Nov 2022 14:55

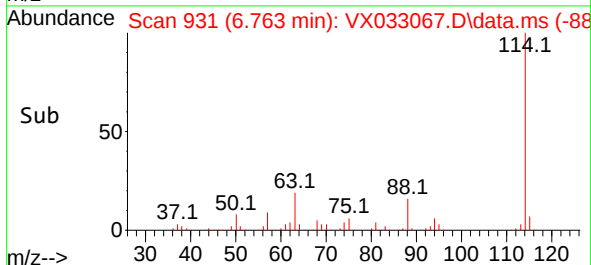
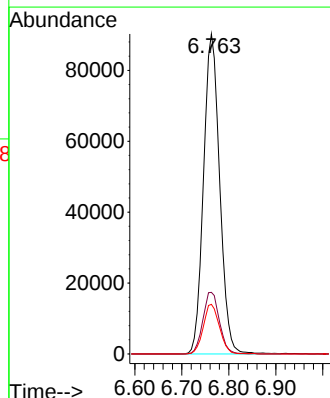
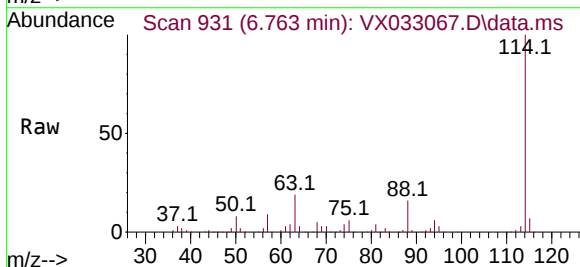
Tgt Ion: 114 Resp: 215457

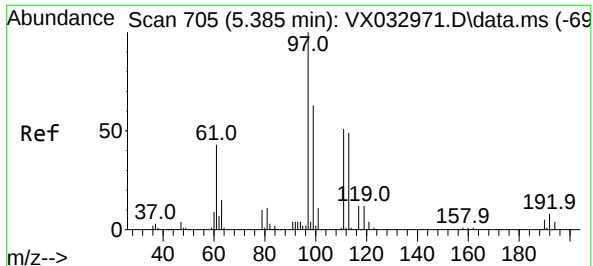
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.172 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033067.D

Acq: 25 Nov 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

TB111822

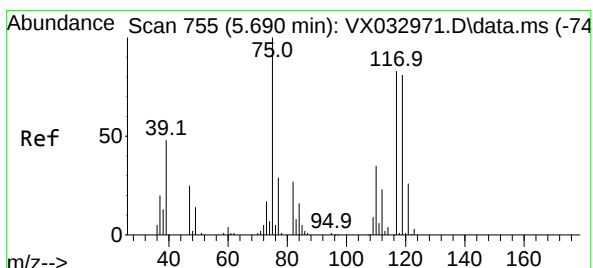
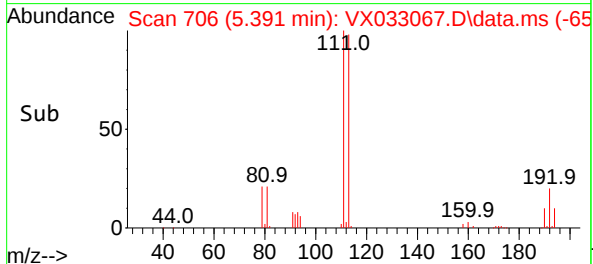
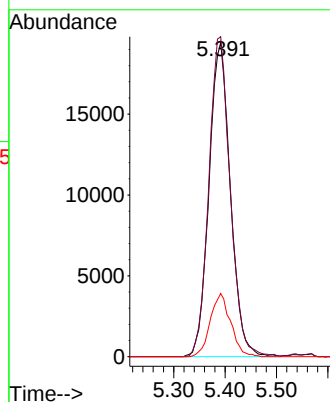
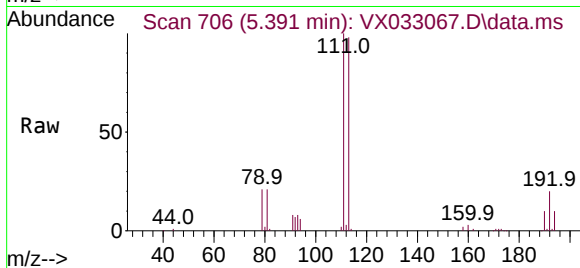
Tgt Ion:113 Resp: 56084

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.294 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033067.D

Acq: 25 Nov 2022 14:55

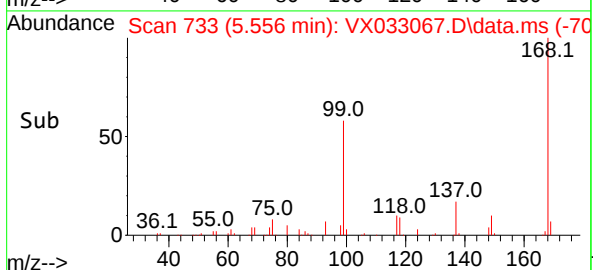
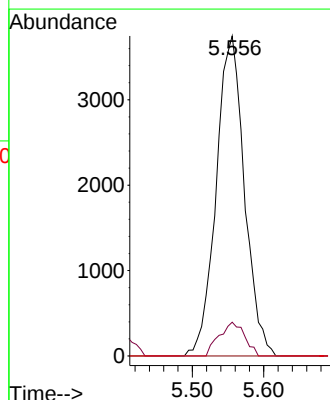
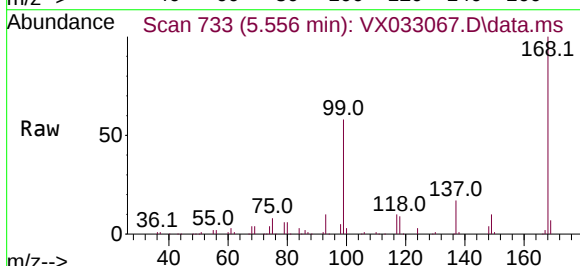
Tgt Ion: 75 Resp: 10283

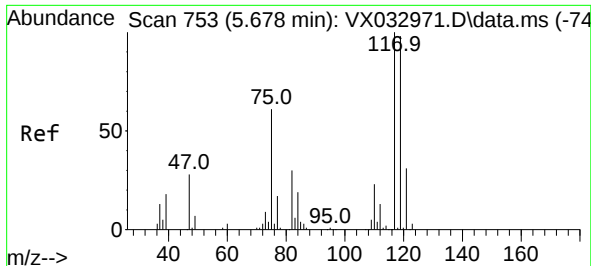
Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#

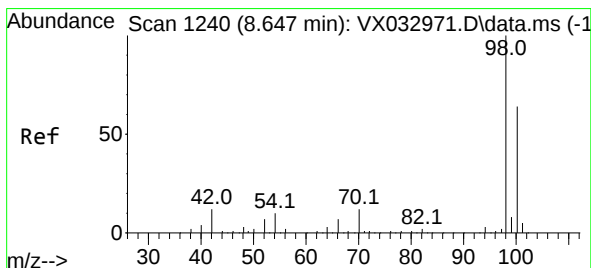
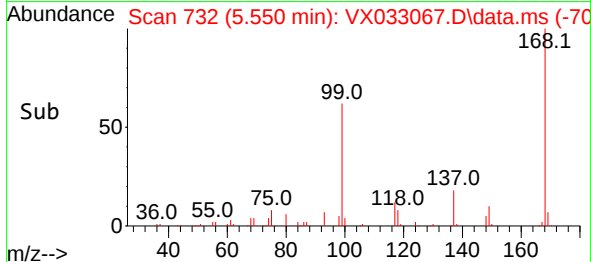
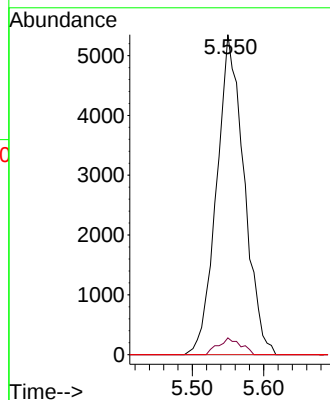
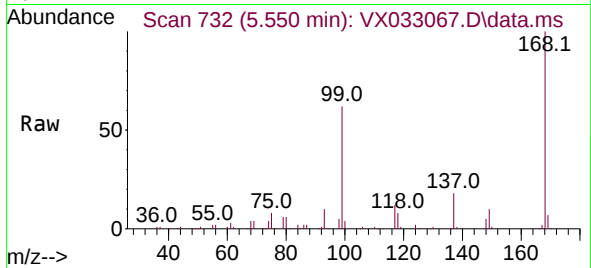




#38
Carbon Tetrachloride
Concen: 6.619 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

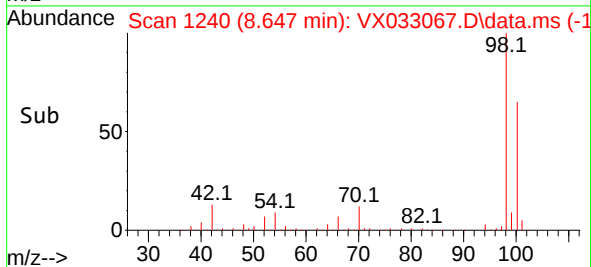
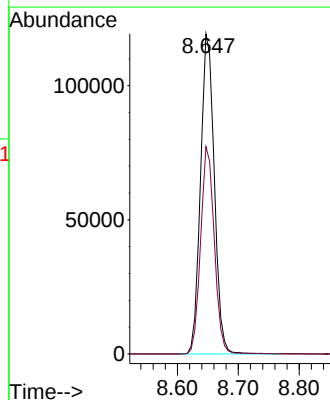
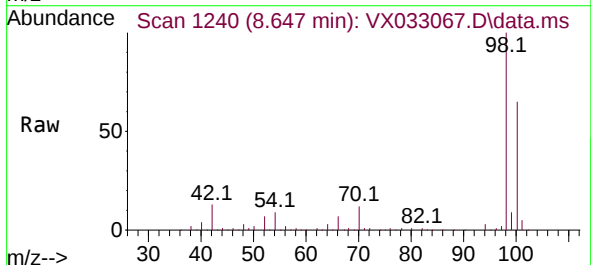
Instrument :
MSVOA_X
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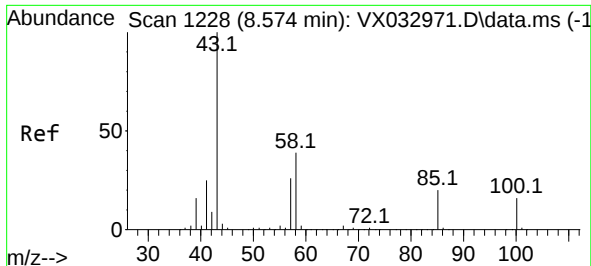
Tgt Ion:117 Resp: 14260
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion: 98 Resp: 187868
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.512 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033067.D

Acq: 25 Nov 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

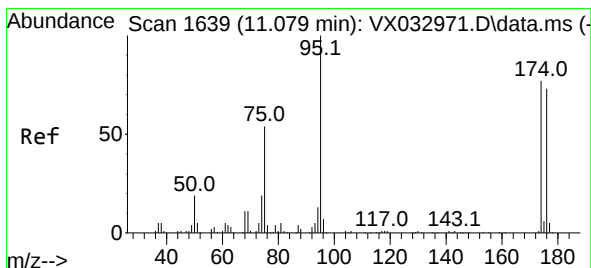
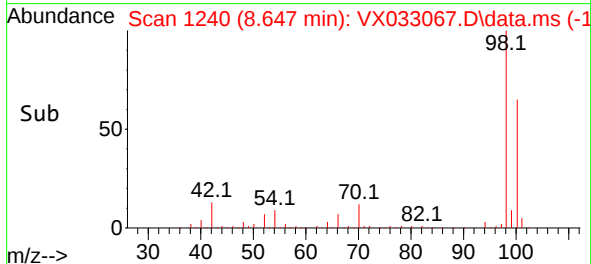
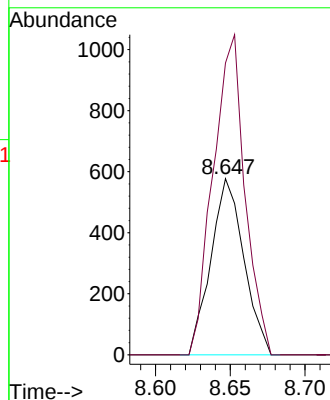
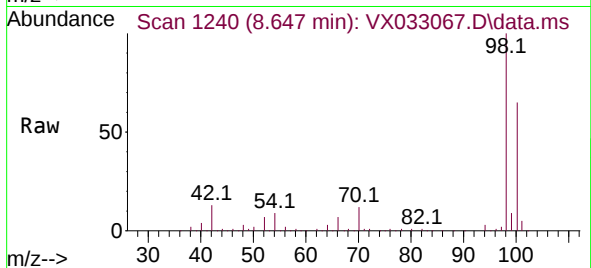
TB111822

Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

43 100

58 175.3 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 42.333 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033067.D

Acq: 25 Nov 2022 14:55

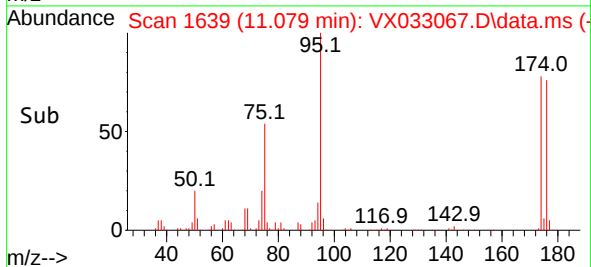
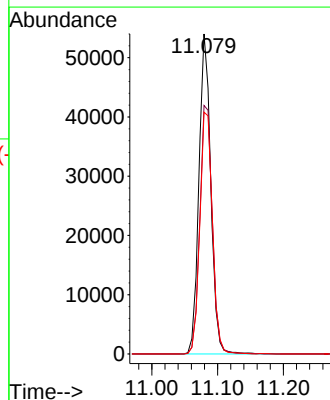
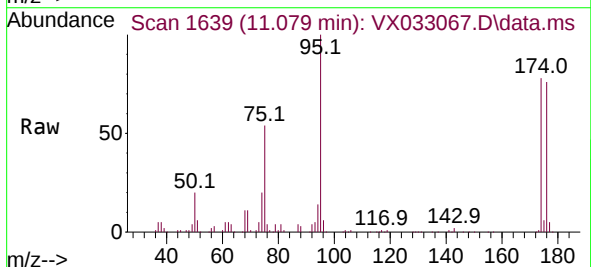
Tgt Ion: 95 Resp: 67546

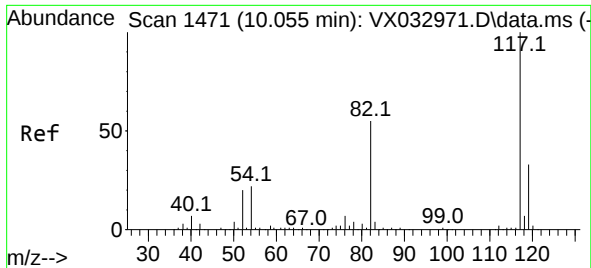
Ion Ratio Lower Upper

95 100

174 82.1 0.0 164.0

176 80.3 0.0 154.4

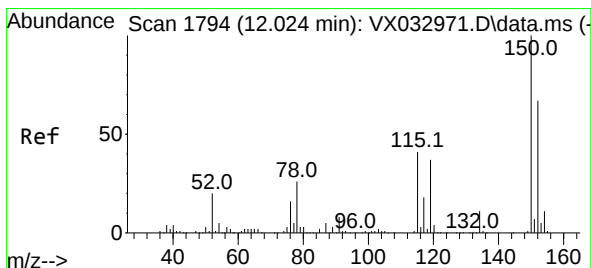
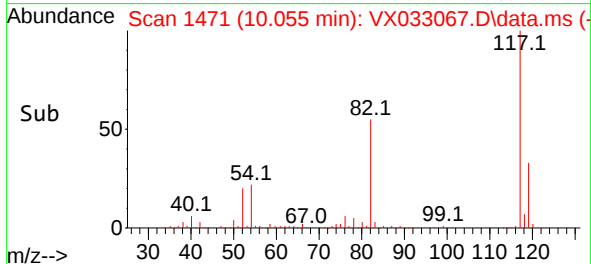
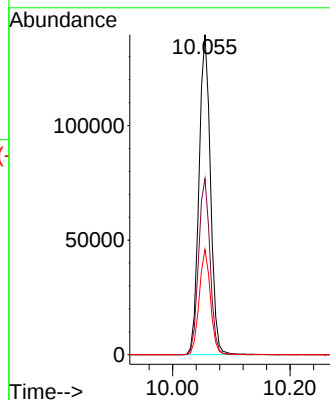
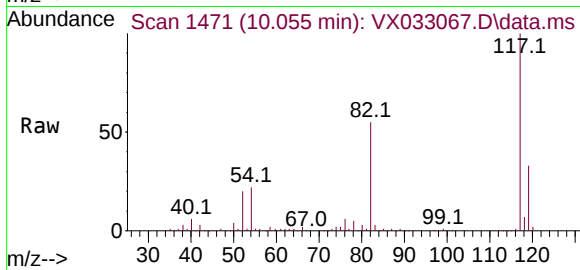




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

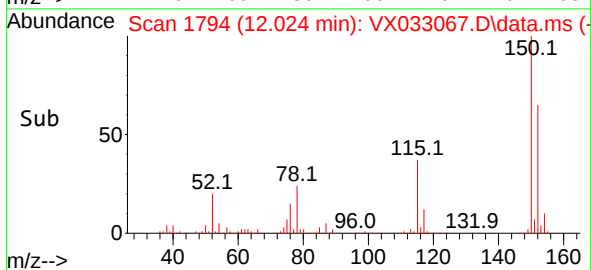
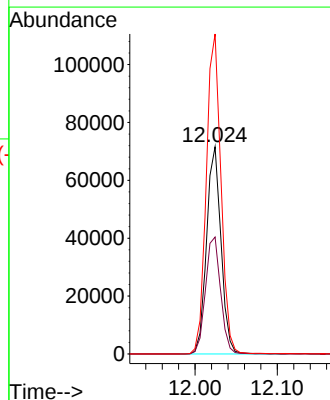
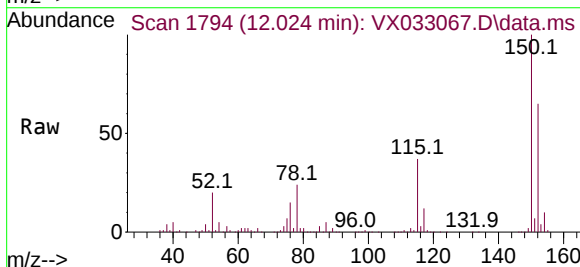
Instrument :
MSVOA_X
ClientSampleId :
TB111822

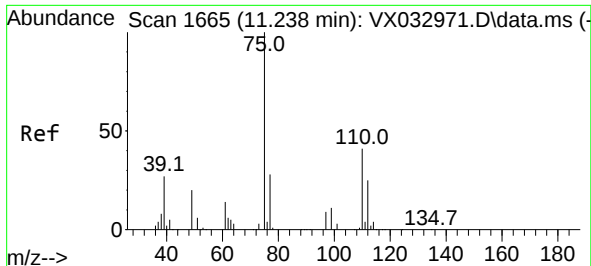
Tgt Ion:117 Resp: 189396
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion:152 Resp: 87287
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 157.1 0.0 351.8

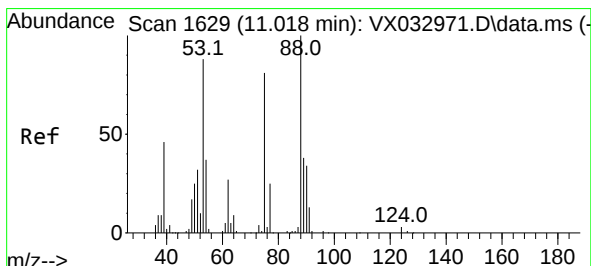
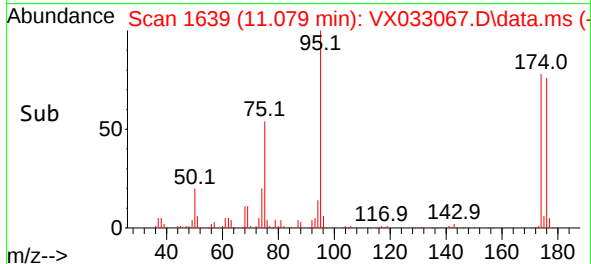
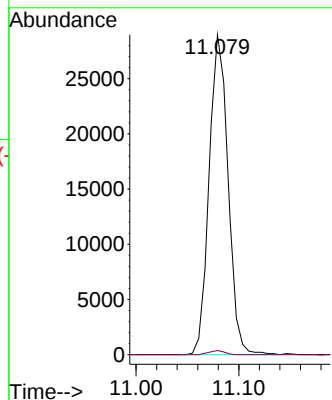
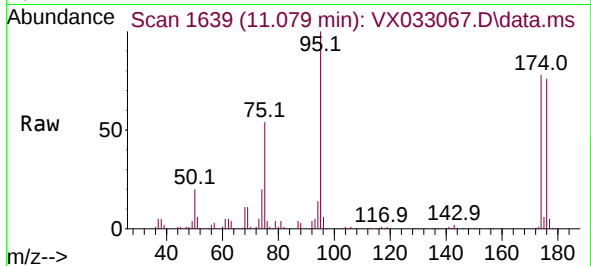




#76
1,2,3-Trichloropropane
Concen: 22.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Instrument :
MSVOA_X
ClientSampleId :
TB111822

Tgt Ion: 75 Resp: 37097
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033067.D
Acq: 25 Nov 2022 14:55

Tgt Ion: 75 Resp: 37097
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

