

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033434.D
 Acq On : 15 Dec 2022 12:09
 Operator : JC/MD
 Sample : N6070-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-121422

Quant Time: Dec 16 01:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

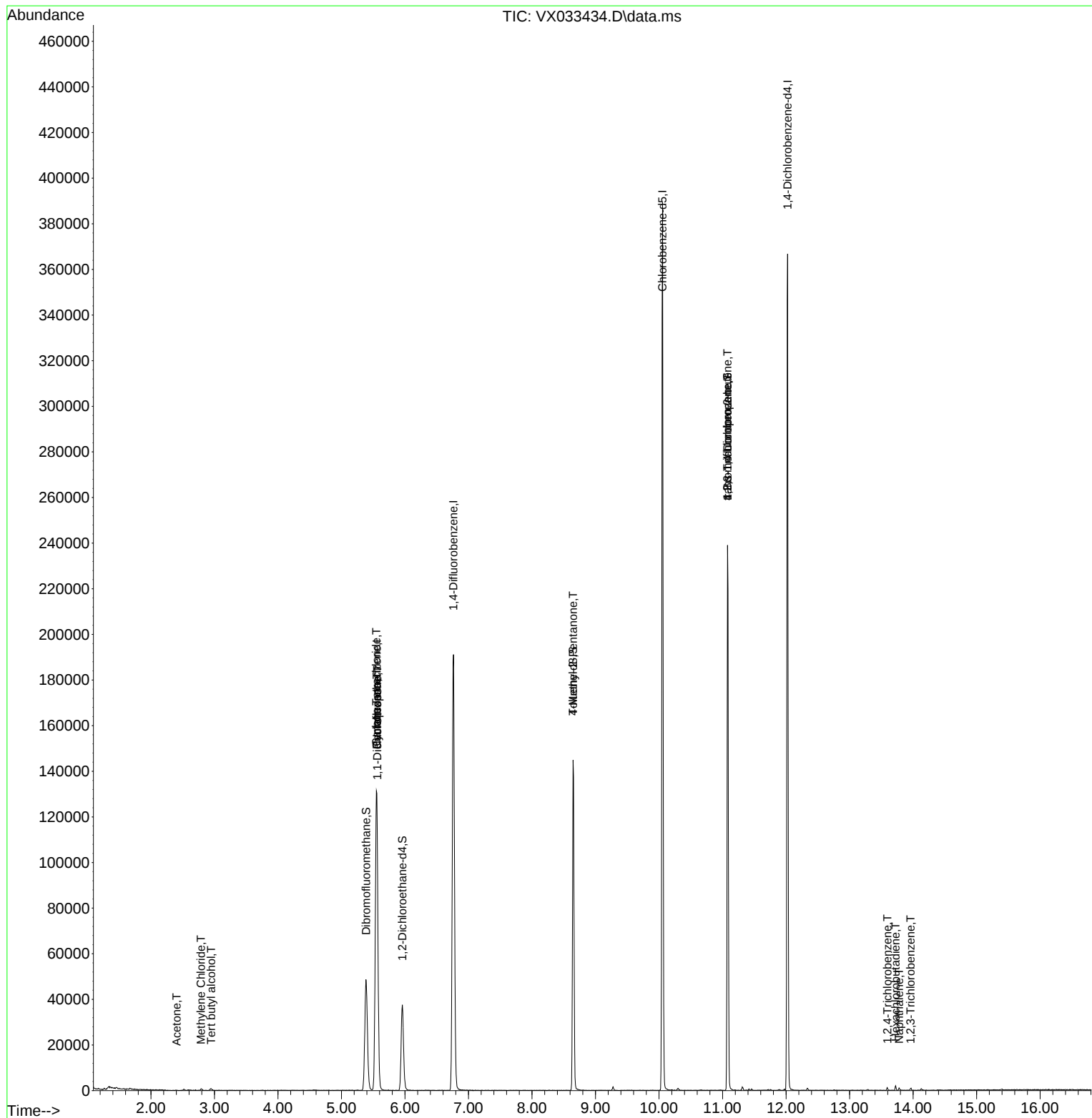
Internal Standards						
1) Pentafluorobenzene	5.556	168	128174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38432	46.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.480%		
35) Dibromofluoromethane	5.385	113	43106	46.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	8.647	98	87787	45.729	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.460%#		
62) 4-Bromofluorobenzene	11.079	95	64937	44.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.480%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	448	1.782	ug/l #	72
16) Acetone	2.404	43	180	0.296	ug/l #	45
20) Methylene Chloride	2.788	84	320	0.236	ug/l #	83
31) Cyclohexane	5.556	56	2537	1.298	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	9874	5.519	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13032	6.501	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	398	0.231	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33398	20.873	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33398	64.930	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	362	0.230	ug/l	93
94) Hexachlorobutadiene	13.725	225	425	0.674	ug/l	97
95) Naphthalene	13.780	128	1094	0.208	ug/l #	80
96) 1,2,3-Trichlorobenzene	13.963	180	333	0.209	ug/l	96

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

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Quant Time: Dec 16 01:00:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

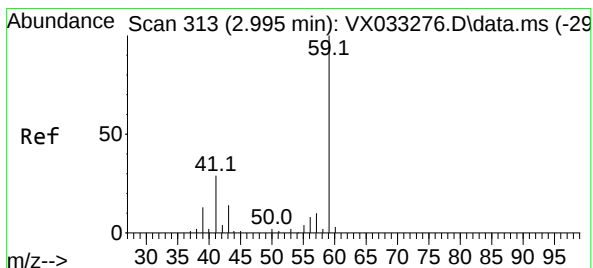
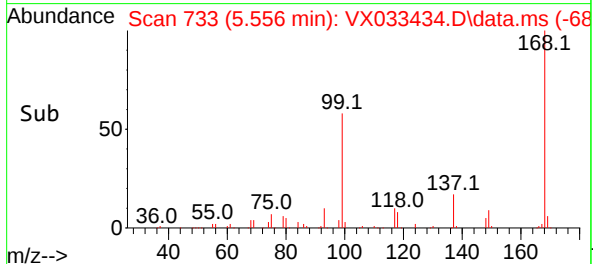
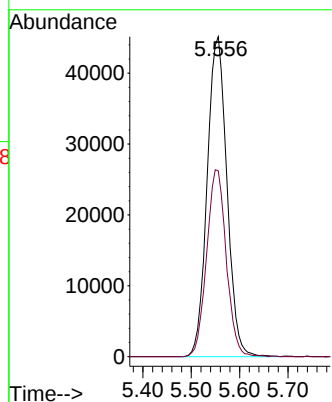
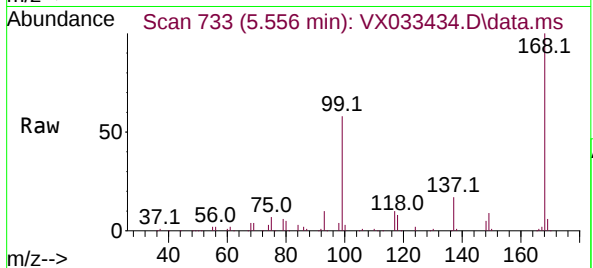




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

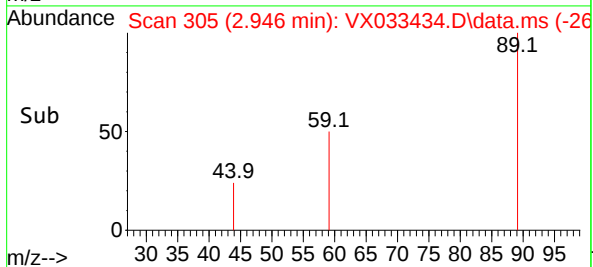
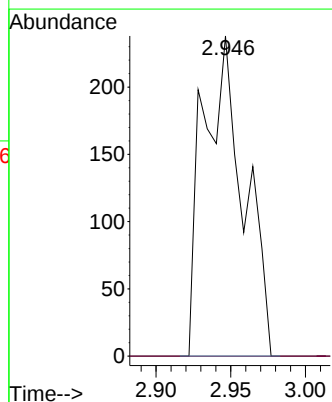
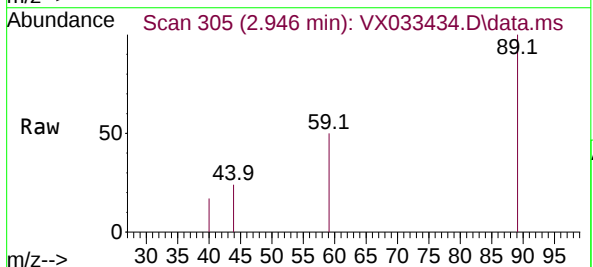
Instrument :
MSVOA_X
ClientSampleId :
TB-01-121422

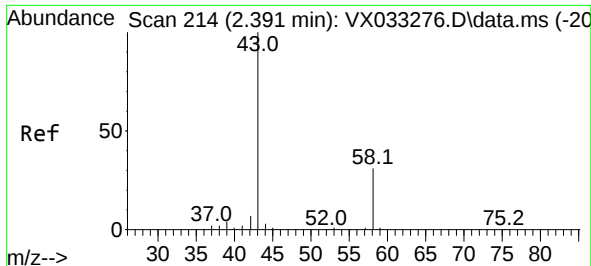
Tgt Ion:168 Resp: 128174
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.782 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.296 ug/l

RT: 2.404 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX033434.D

Acq: 15 Dec 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

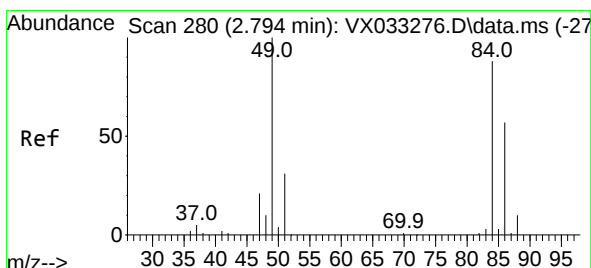
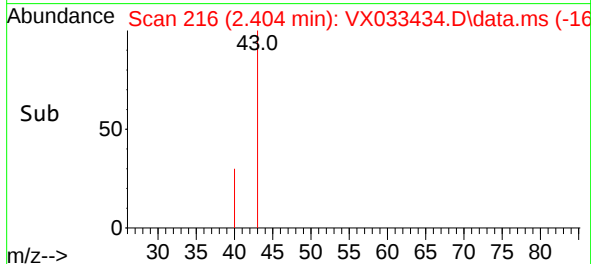
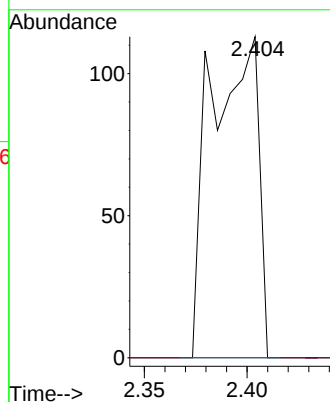
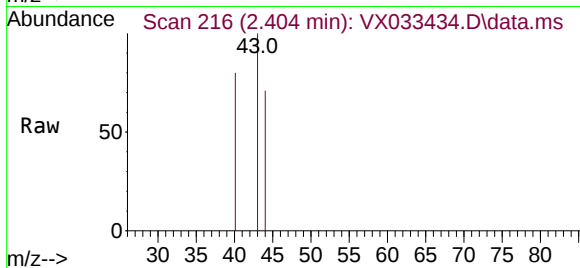
TB-01-121422

Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: 0.236 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX033434.D

Acq: 15 Dec 2022 12:09

Tgt Ion: 84 Resp: 320

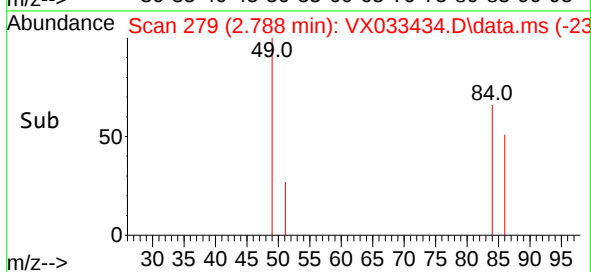
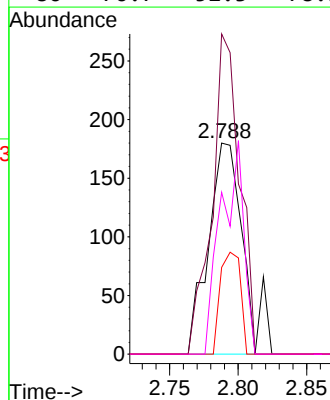
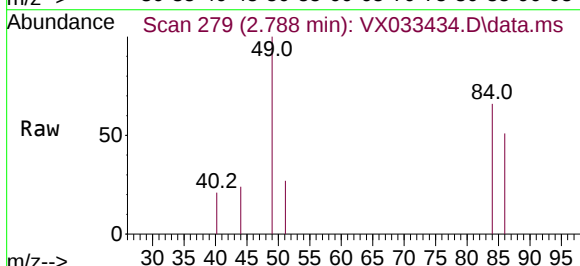
Ion Ratio Lower Upper

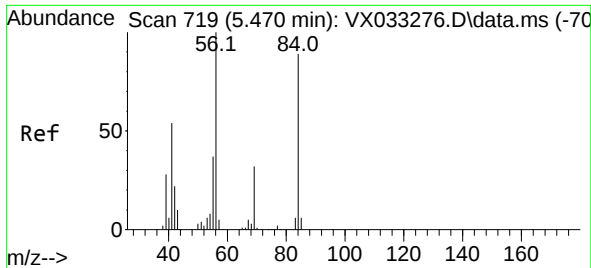
84 100

49 151.7 101.0 151.6#

51 41.1 31.1 46.7

86 76.7 52.3 78.5

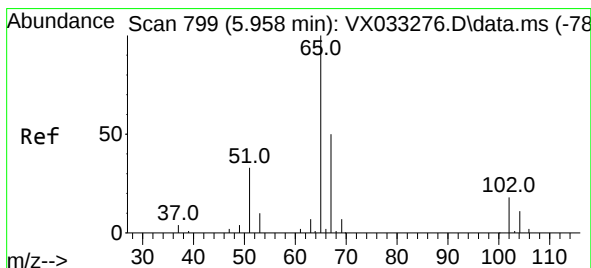
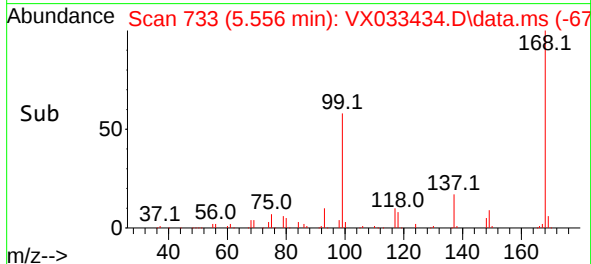
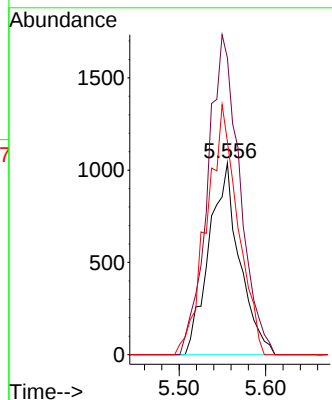
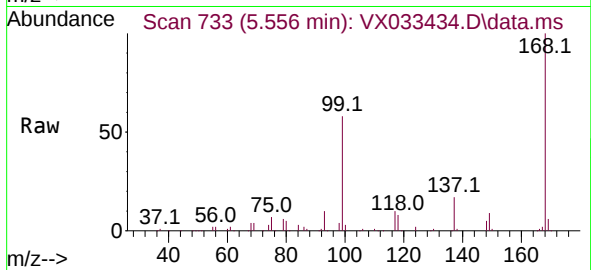




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

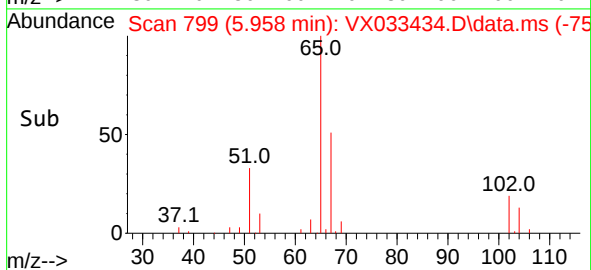
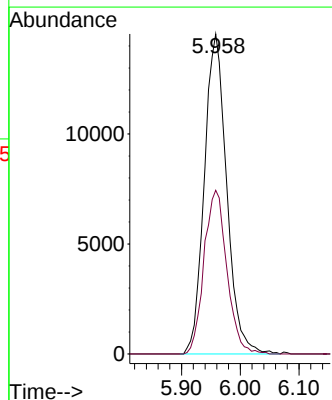
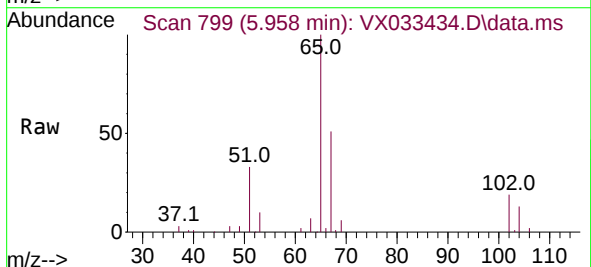
Instrument :
MSVOA_X
ClientSampleId :
TB-01-121422

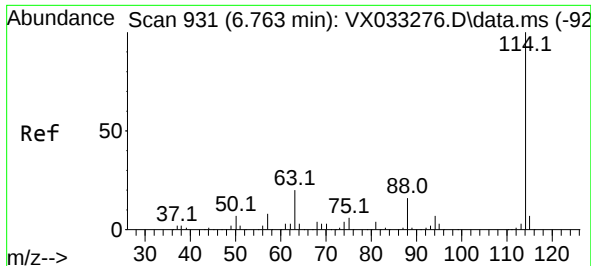
Tgt Ion: 56 Resp: 2537
Ion Ratio Lower Upper
56 100
69 154.8 24.1 36.1#
84 111.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

Tgt Ion: 65 Resp: 38432
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

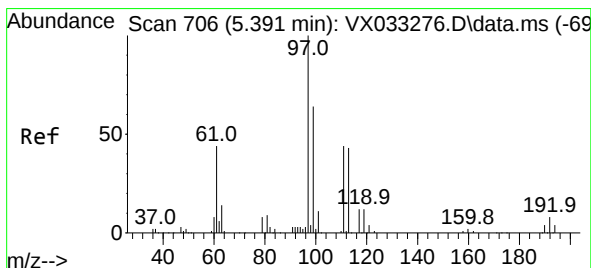
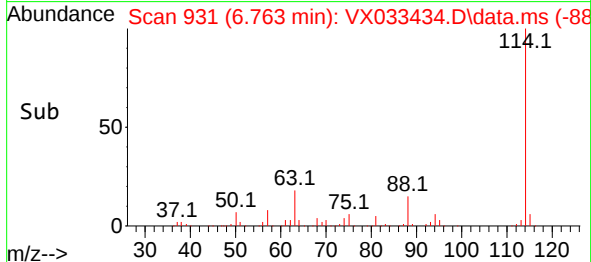
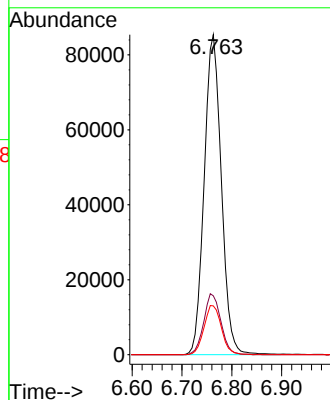
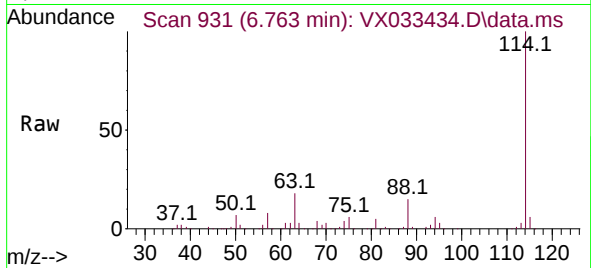




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

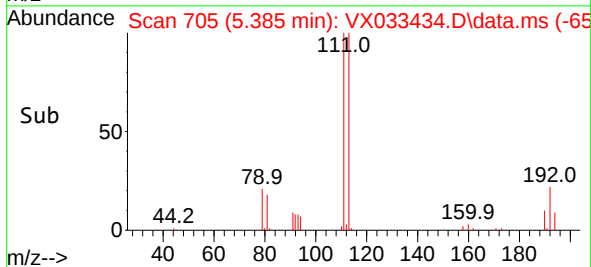
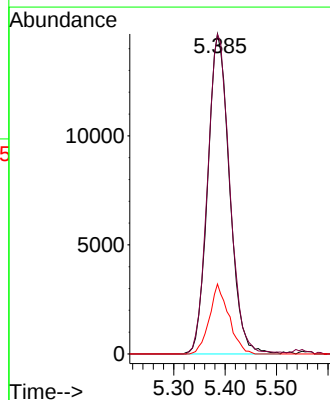
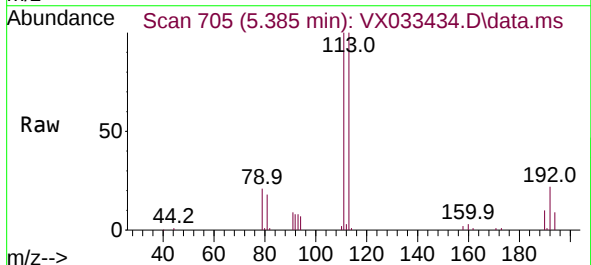
Instrument :
MSVOA_X
ClientSampleId :
TB-01-121422

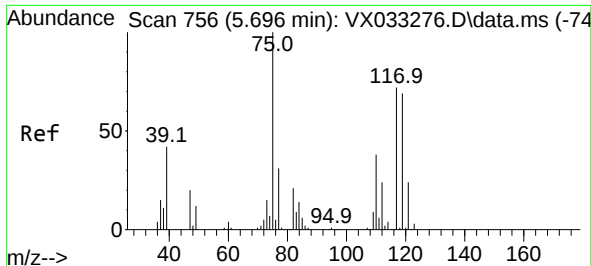
Tgt Ion:114 Resp: 204029
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

Tgt Ion:113 Resp: 43106
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.5 15.4 23.2

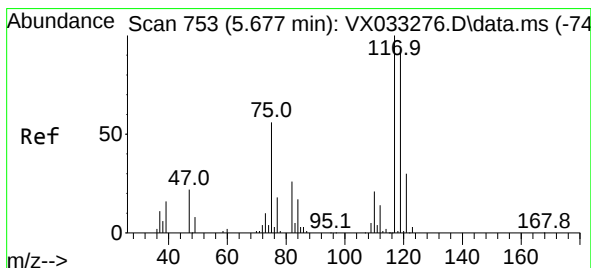
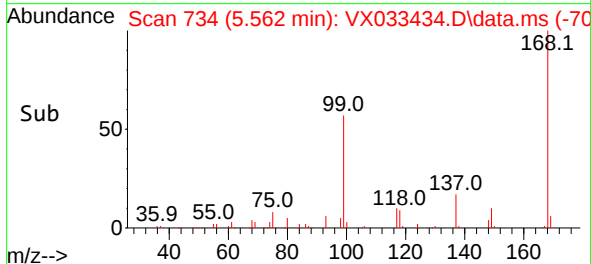
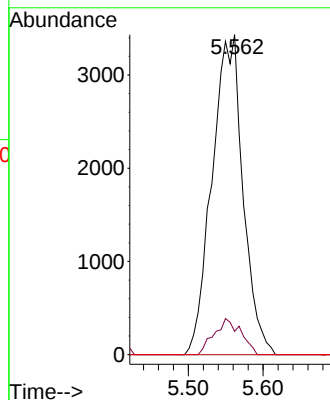
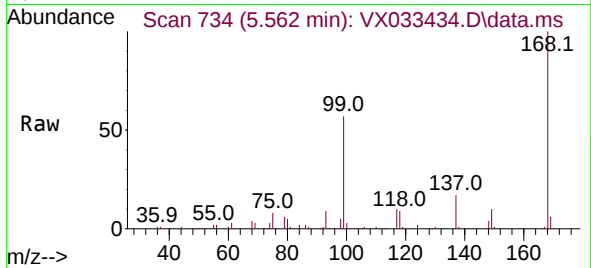




#36
1,1-Dichloropropene
Concen: 5.519 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

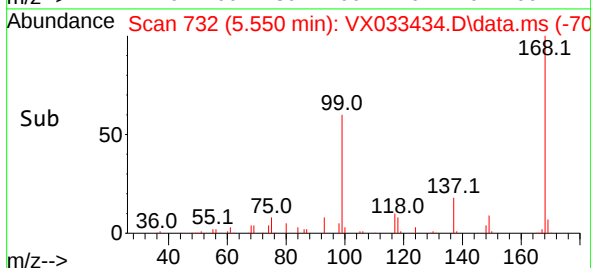
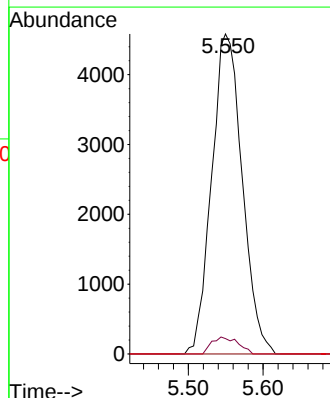
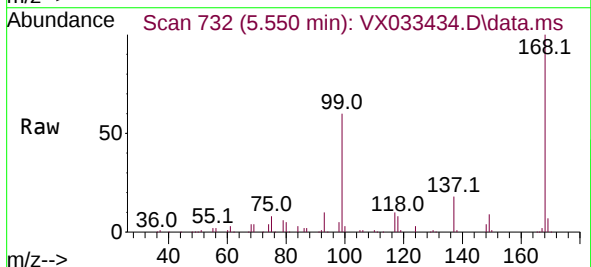
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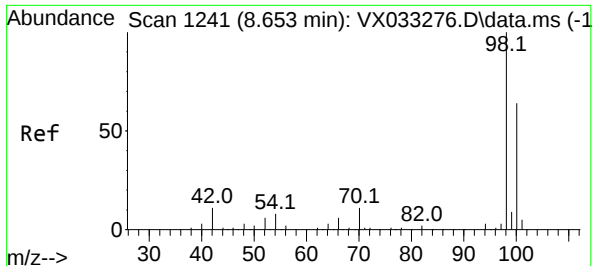
Tgt Ion: 75 Resp: 9874
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

Tgt Ion: 117 Resp: 13032
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#

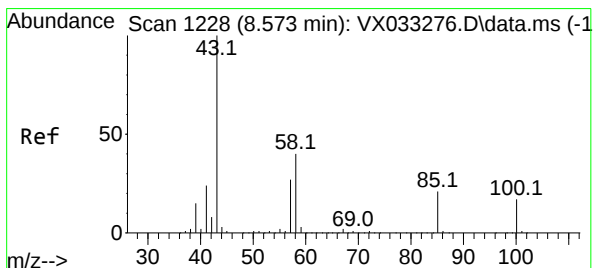
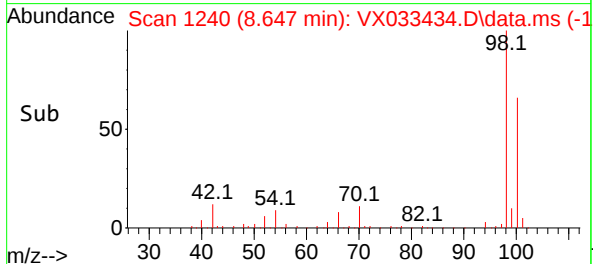
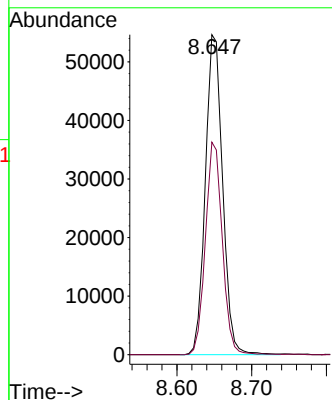
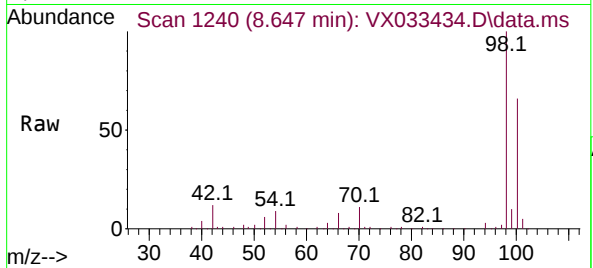




#50
Toluene-d8
Concen: 45.729 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

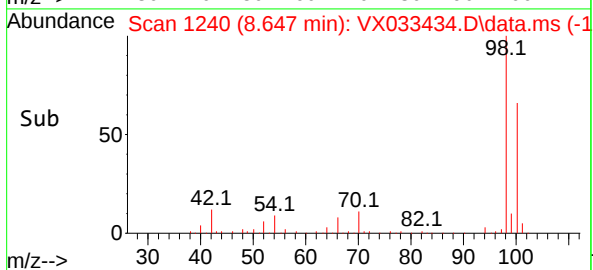
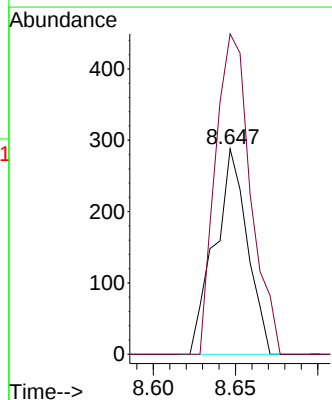
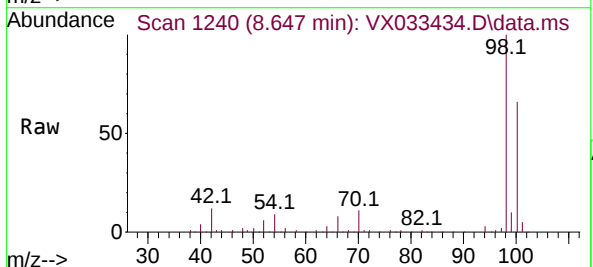
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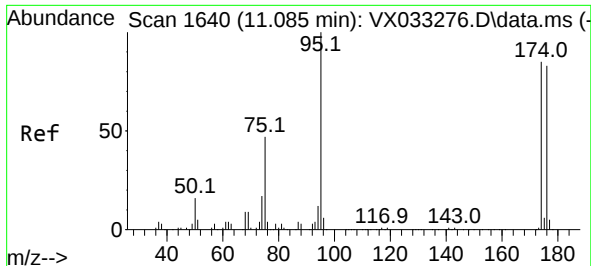
Tgt Ion: 98 Resp: 87787
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 168.1 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 44.239 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033434.D

Acq: 15 Dec 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

TB-01-121422

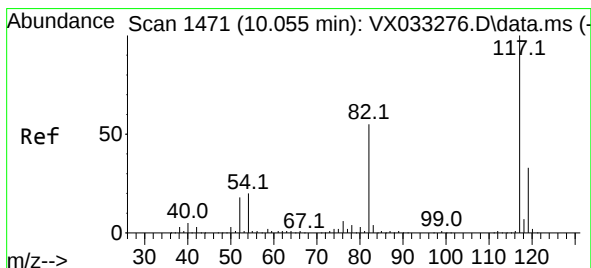
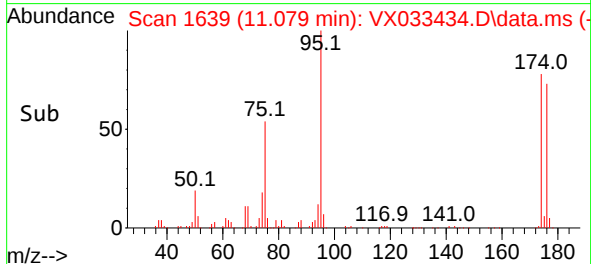
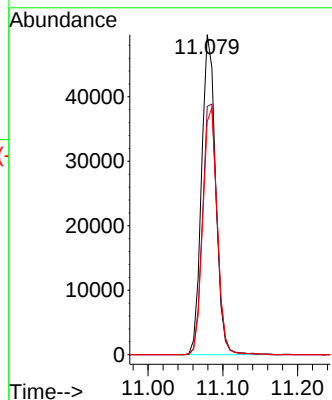
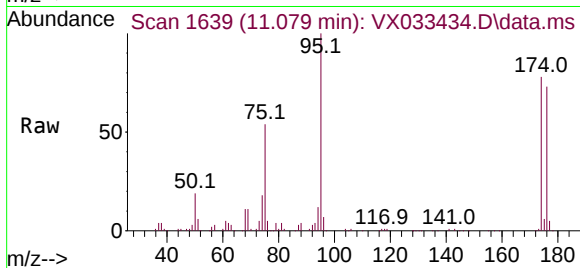
Tgt Ion: 95 Resp: 64937

Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.0

176 78.8 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: VX033434.D

Acq: 15 Dec 2022 12:09

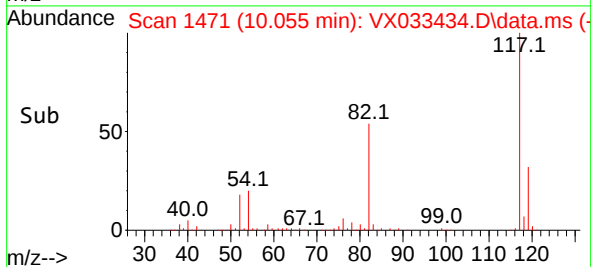
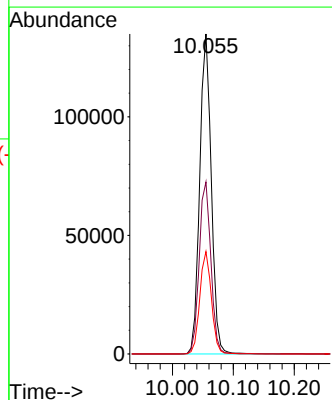
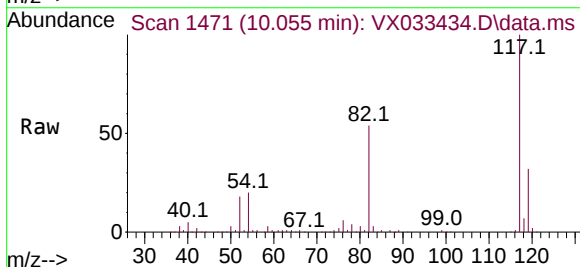
Tgt Ion: 117 Resp: 177272

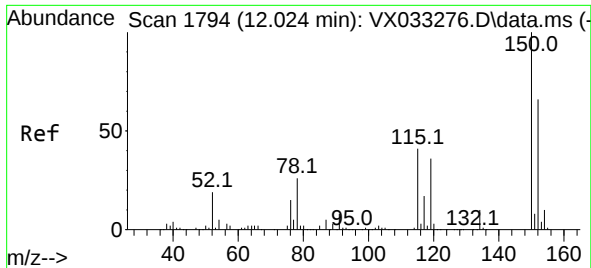
Ion Ratio Lower Upper

117 100

82 53.8 44.3 66.5

119 32.0 25.7 38.5

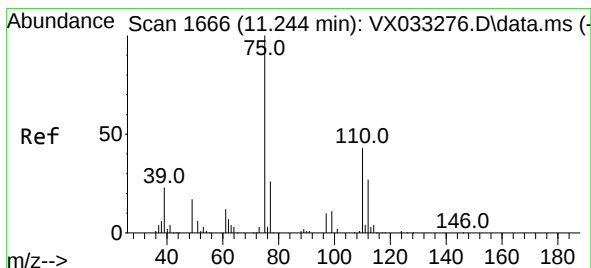
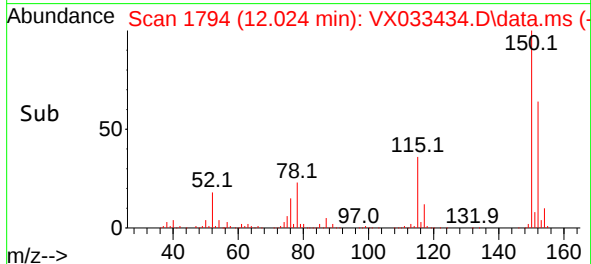
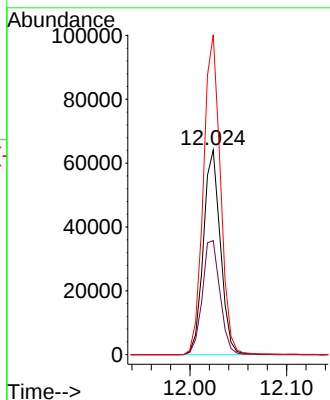
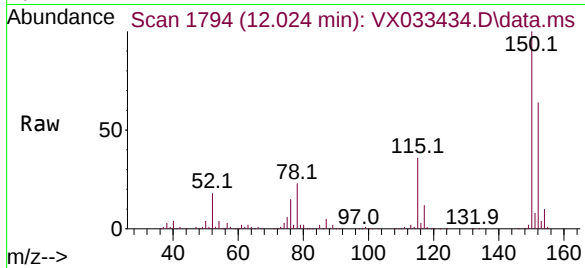




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033434.D
 Acq: 15 Dec 2022 12:09

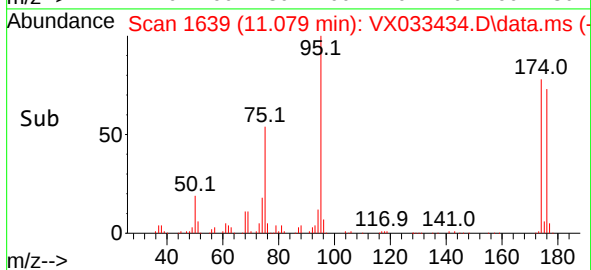
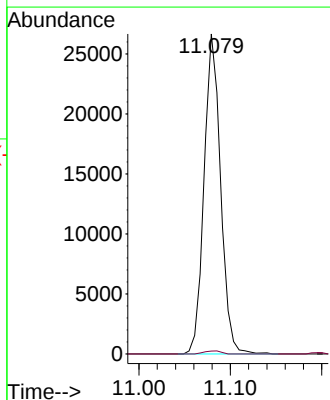
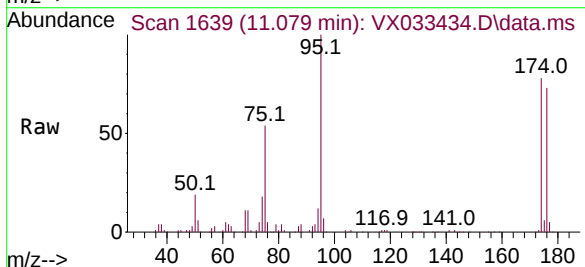
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-121422

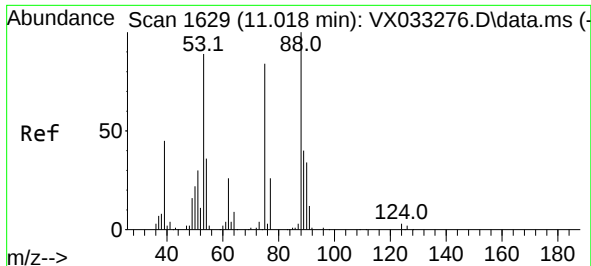
Tgt Ion:152 Resp: 78645
 Ion Ratio Lower Upper
 152 100
 115 58.2 44.0 132.0
 150 157.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 20.873 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033434.D
 Acq: 15 Dec 2022 12:09

Tgt Ion: 75 Resp: 33398
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#

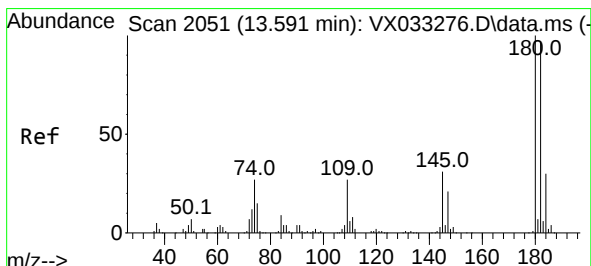
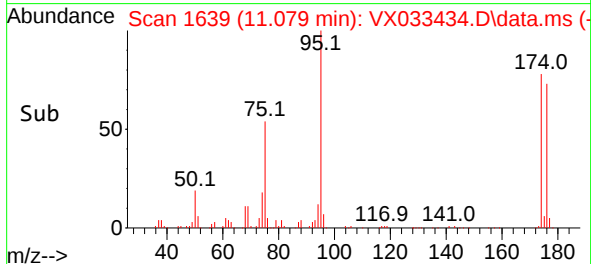
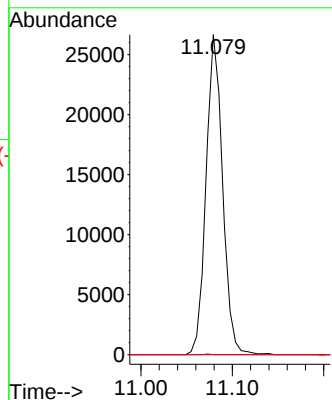
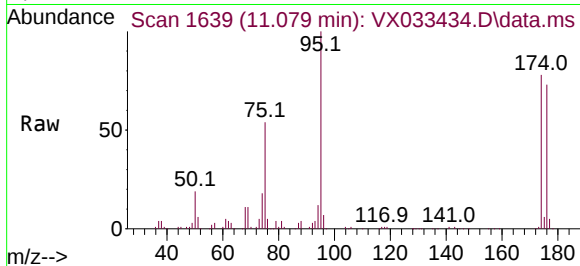




#81
trans-1,4-Dichloro-2-butene
Concen: 64.930 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

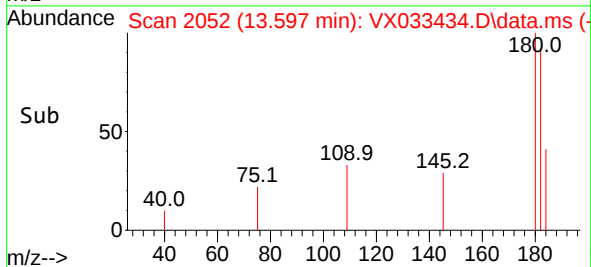
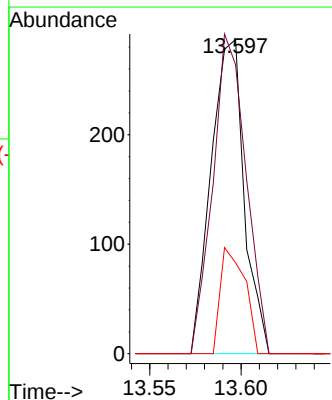
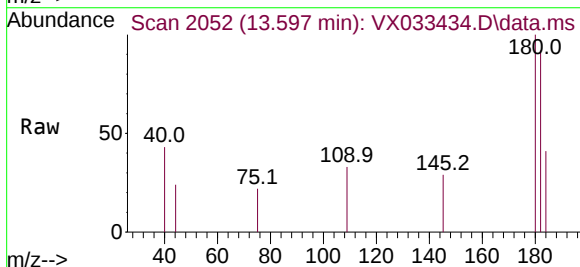
Instrument :
MSVOA_X
ClientSampleId :
TB-01-121422

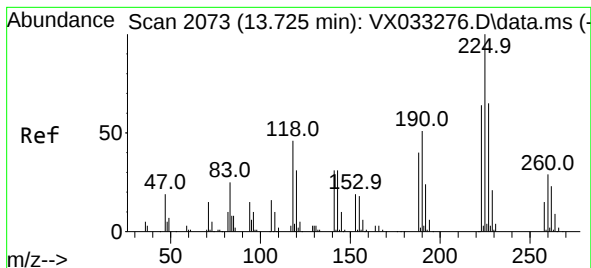
Tgt Ion: 75 Resp: 33398
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.230 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX033434.D
Acq: 15 Dec 2022 12:09

Tgt Ion:180 Resp: 362
Ion Ratio Lower Upper
180 100
182 101.9 48.4 145.0
145 24.9 16.2 48.5





#94

Hexachlorobutadiene

Concen: 0.674 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033434.D

Acq: 15 Dec 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

TB-01-121422

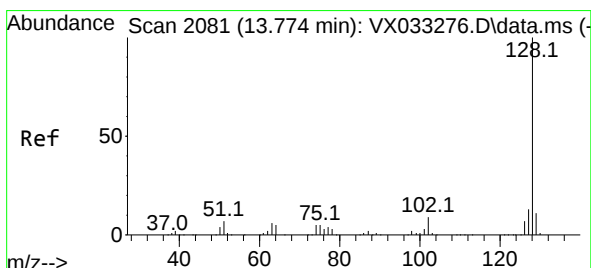
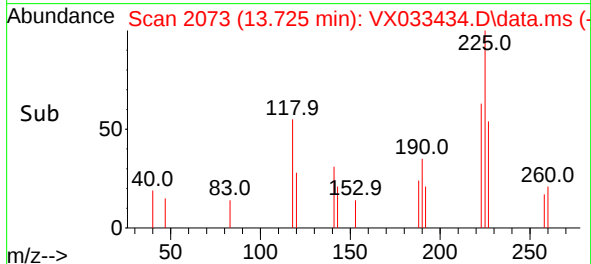
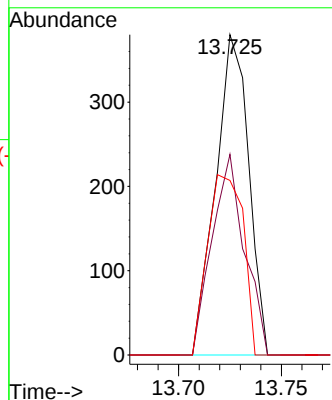
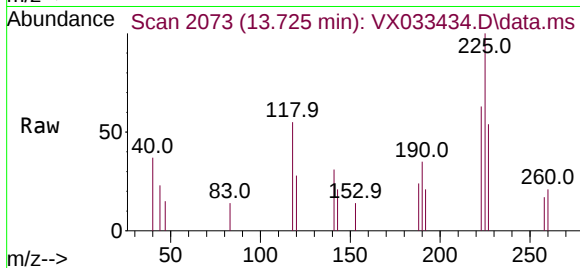
Tgt Ion:225 Resp: 425

Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 60.7 31.9 95.5



#95

Naphthalene

Concen: 0.208 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX033434.D

Acq: 15 Dec 2022 12:09

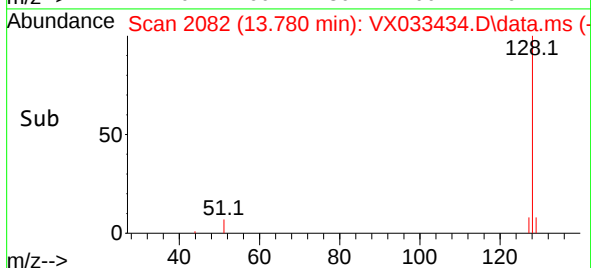
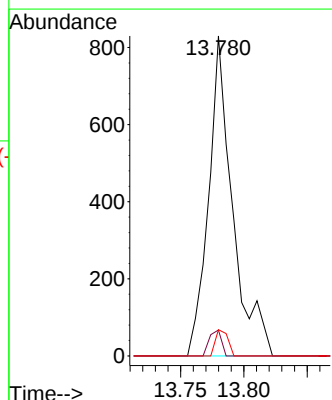
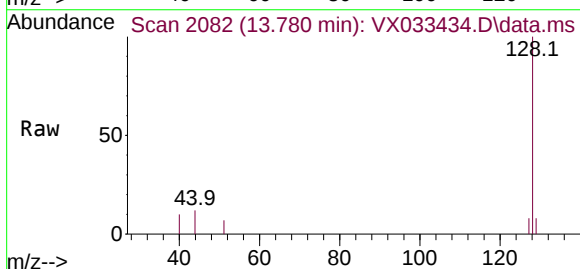
Tgt Ion:128 Resp: 1094

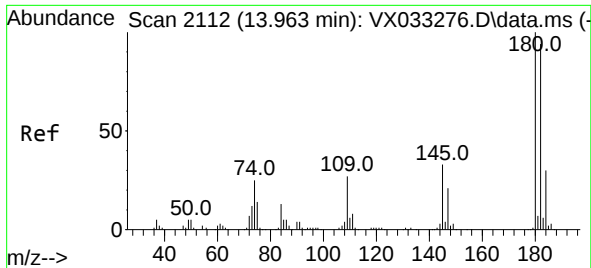
Ion Ratio Lower Upper

128 100

127 4.1 10.2 15.4#

129 4.2 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.209 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX033434.D
 Acq: 15 Dec 2022 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-121422

Tgt Ion:180	Resp:	333
Ion	Ratio	Lower Upper
180	100	
182	99.4	47.5 142.6
145	36.0	16.9 50.6

