

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022484.D
 Acq On : 06 Jun 2021 17:46
 Operator : JC/MD
 Sample : PB136837ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136837ZHE#12

Quant Time: Jun 07 04:26:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

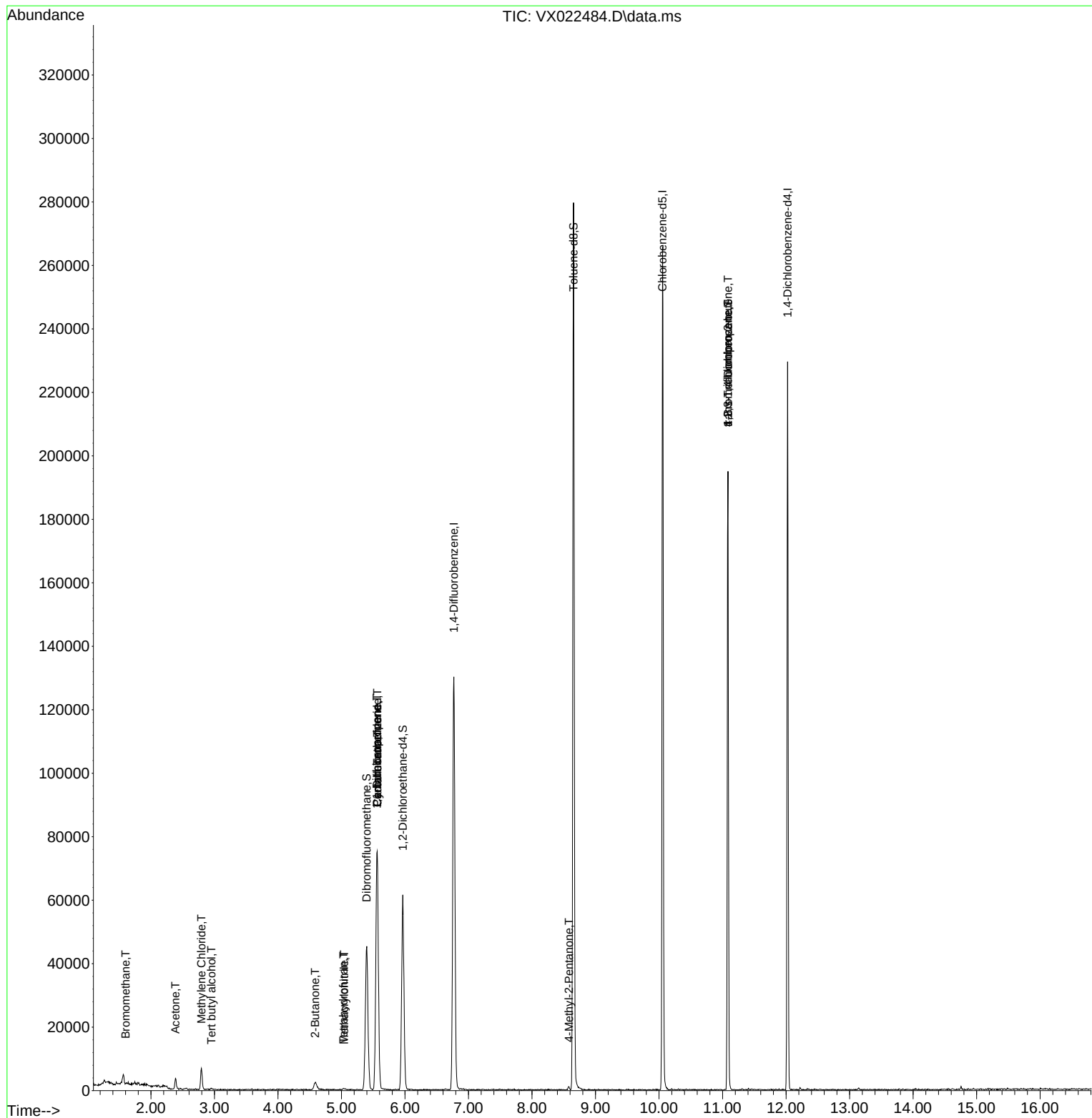
Internal Standards						
1) Pentafluorobenzene	5.562	168	64857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	129360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53176	53.151	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.300%			
35) Dibromofluoromethane	5.397	113	38513	46.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.900%			
50) Toluene-d8	8.653	98	160143	50.677	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.085	95	53687	45.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	235	0.448	ug/l #	2
11) Tert butyl alcohol	2.953	59	298	1.302	ug/l #	73
16) Acetone	2.386	43	3837	8.808	ug/l #	81
20) Methylene Chloride	2.794	84	2753	2.846	ug/l #	71
25) 2-Butanone	4.587	43	1293	1.835	ug/l #	45
29) Tetrahydrofuran	5.032	42	189	0.451	ug/l #	27
31) Cyclohexane	5.562	56	1846	1.468	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6651	5.560	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7022	6.001	ug/l #	15
41) Methacrylonitrile	5.044	41	324	0.413	ug/l #	33
51) 4-Methyl-2-Pentanone	8.580	43	819	0.570	ug/l #	70
76) 1,2,3-Trichloropropane	11.085	75	28869	28.541	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28869	67.623	ug/l #	12

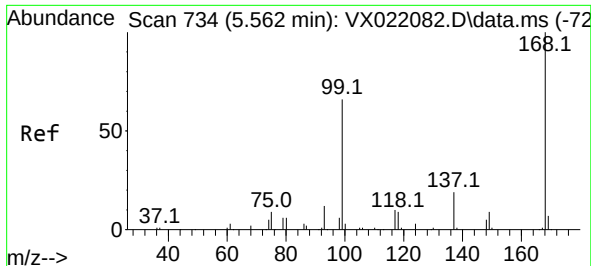
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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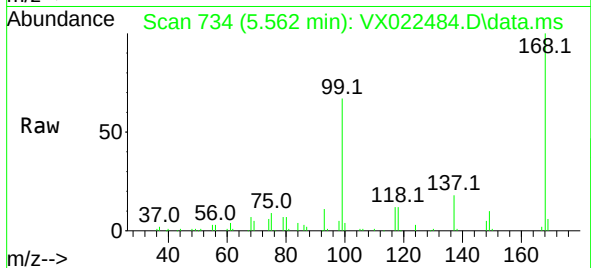
Quant Time: Jun 07 04:26:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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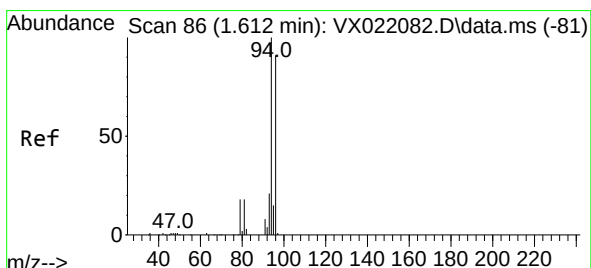
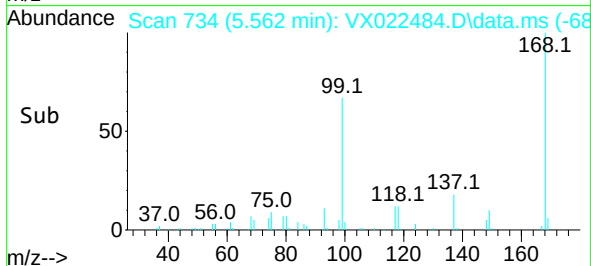
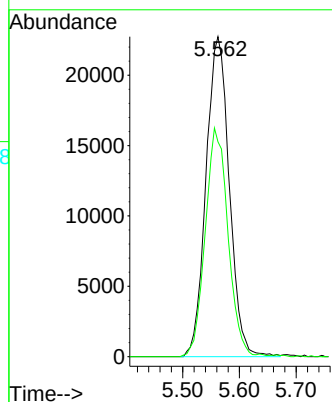


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

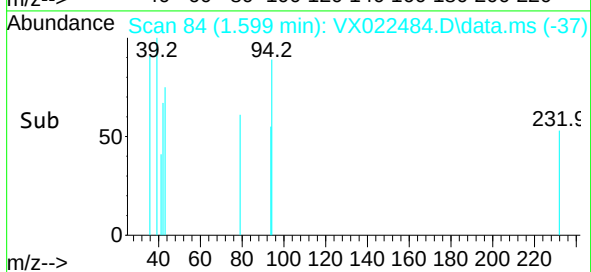
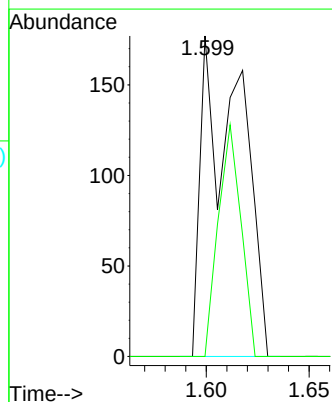
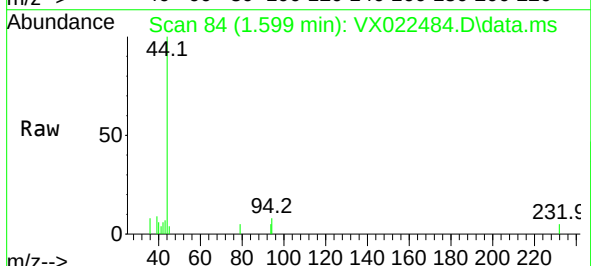


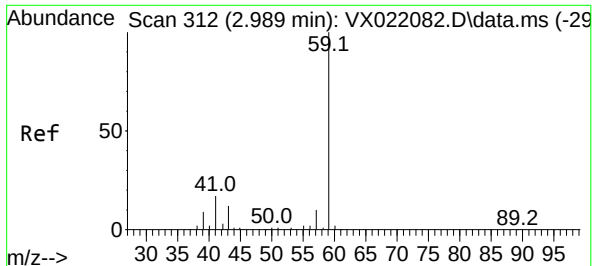
Tgt Ion:168 Resp: 64857
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.6



#5
Bromomethane
Concen: 0.448 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



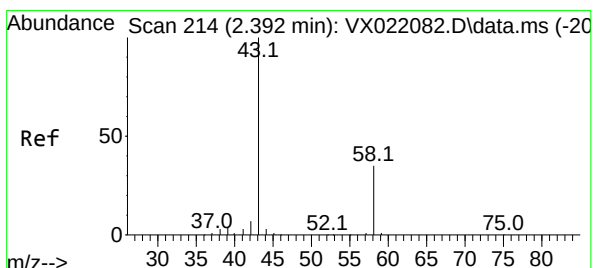
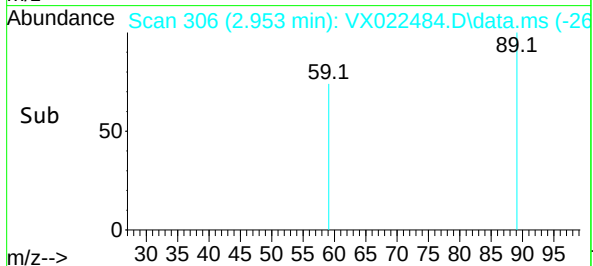
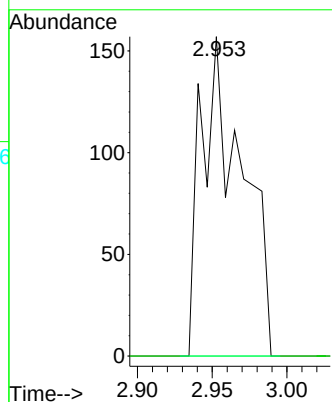
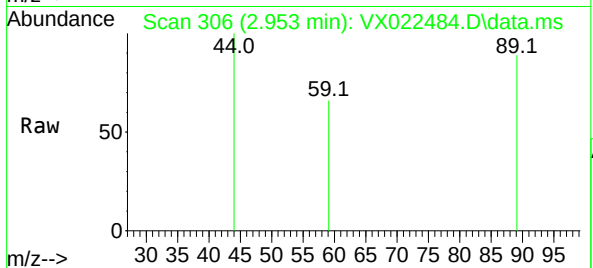


#11

Tert butyl alcohol
Concen: 1.302 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

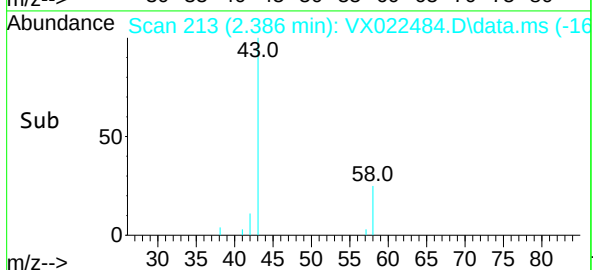
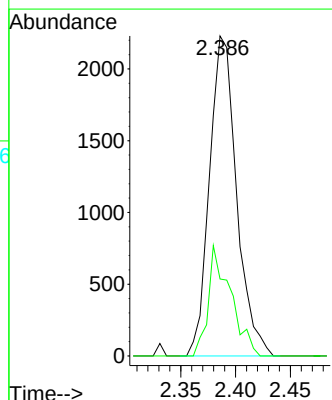
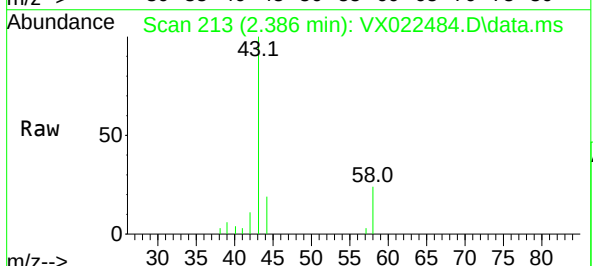
Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

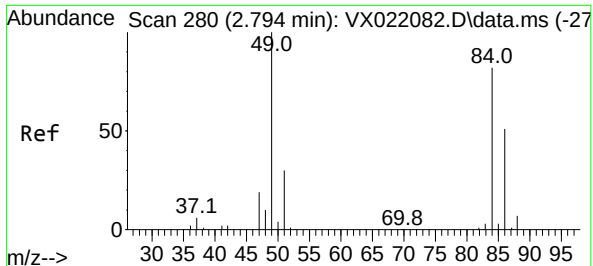


#16

Acetone
Concen: 8.808 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Tgt Ion: 43 Resp: 3837
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#





#20

Methylene Chloride

Concen: 2.846 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022484.D

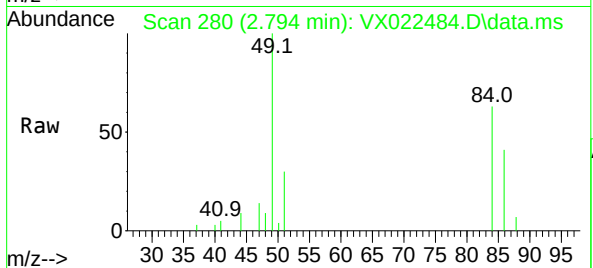
Acq: 06 Jun 2021 17:46

Instrument :

MSVOA_X

ClientSampleId :

PB136837ZHE#12



Tgt Ion: 84 Resp: 2753

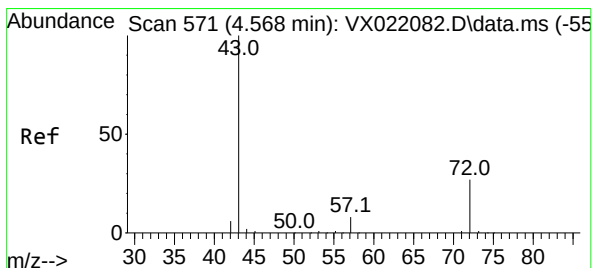
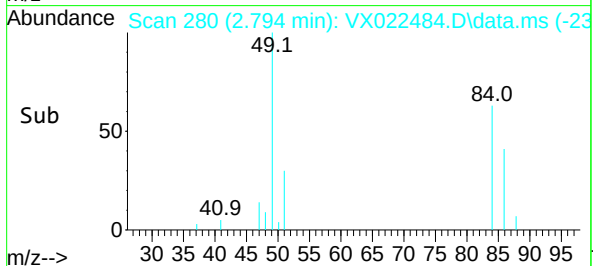
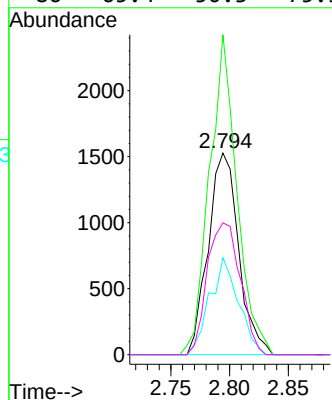
Ion Ratio Lower Upper

84 100

49 158.7 88.6 132.8#

51 48.0 27.0 40.6#

86 65.4 50.3 75.5



#25

2-Butanone

Concen: 1.835 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022484.D

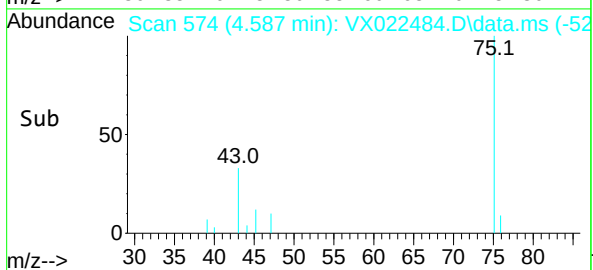
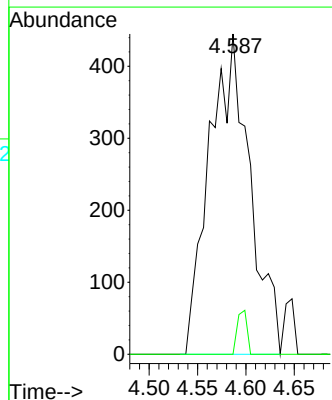
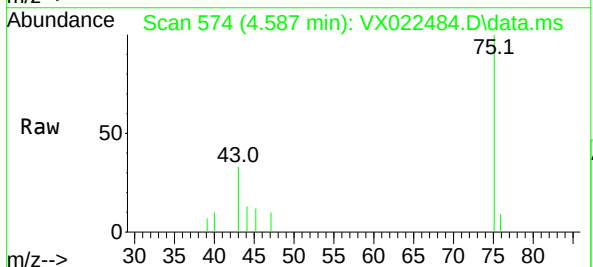
Acq: 06 Jun 2021 17:46

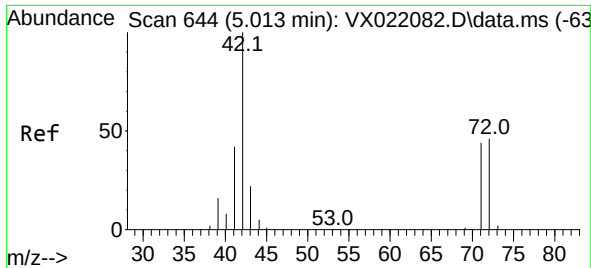
Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

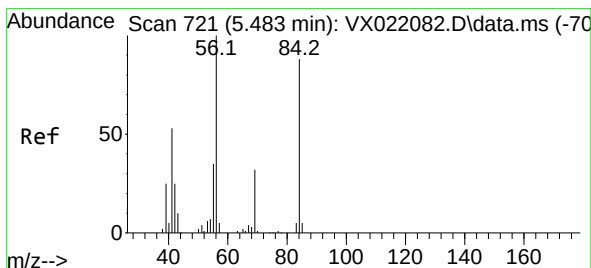
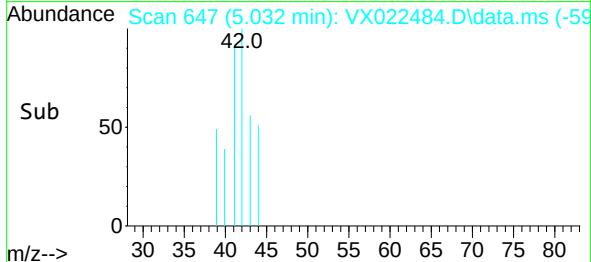
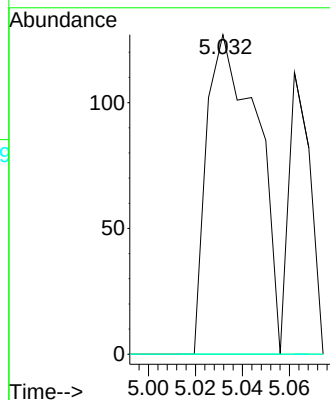
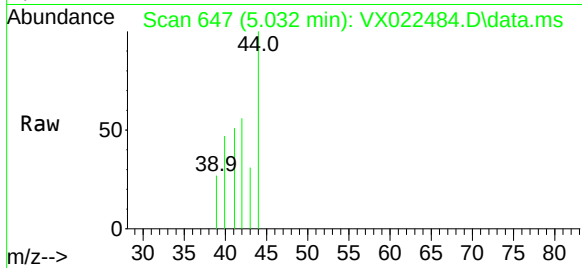




#29
Tetrahydrofuran
Concen: 0.451 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

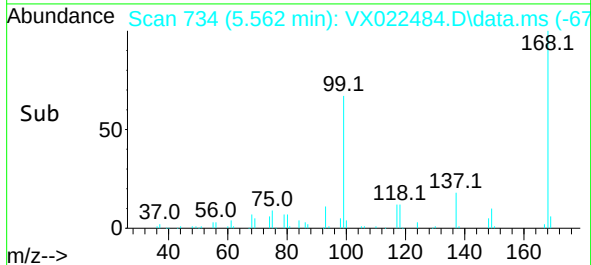
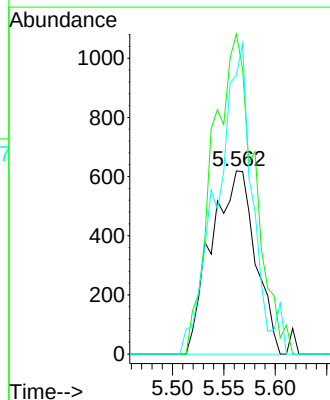
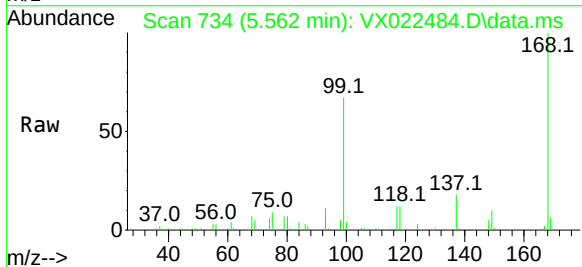
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

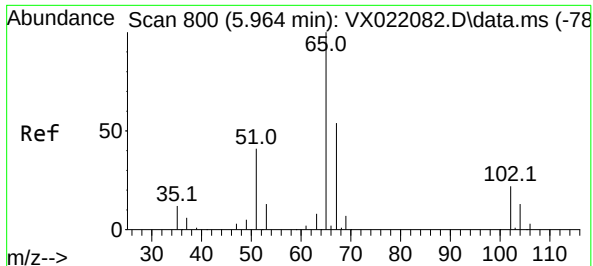
Tgt Ion:	42	Resp:	189
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Tgt Ion:	56	Resp:	1846
Ion	Ratio	Lower	Upper
56	100		
69	174.8	25.3	37.9#
84	152.2	71.4	107.0#



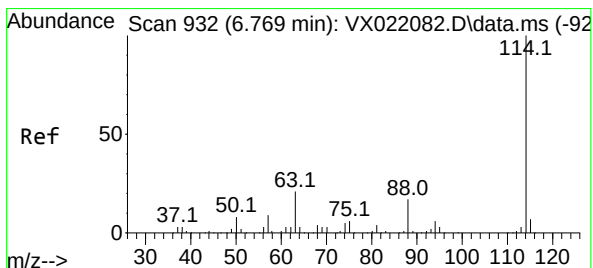
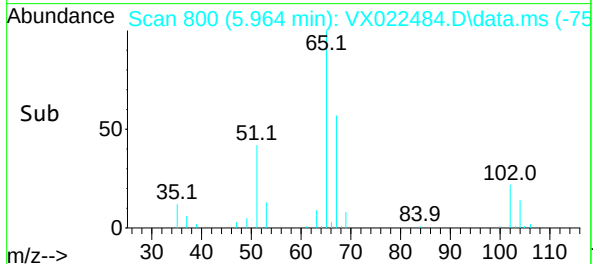
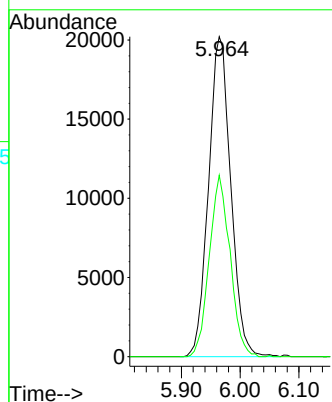
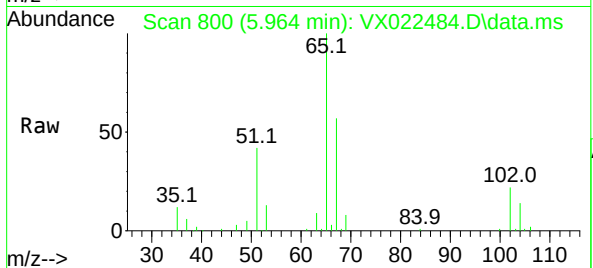


#33

1,2-Dichloroethane-d4
Concen: 53.151 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

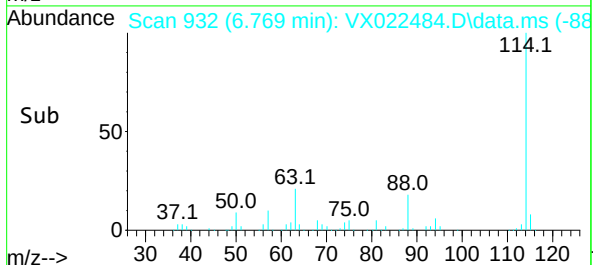
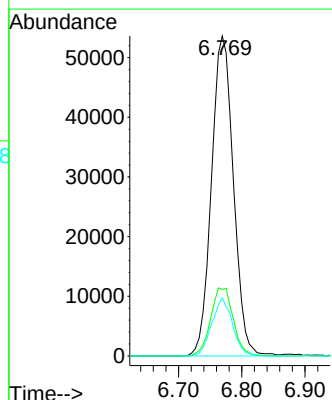
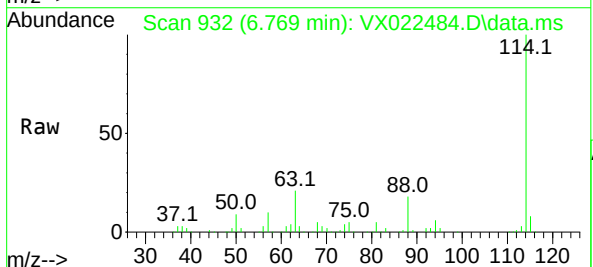
Tgt Ion: 65 Resp: 53176
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

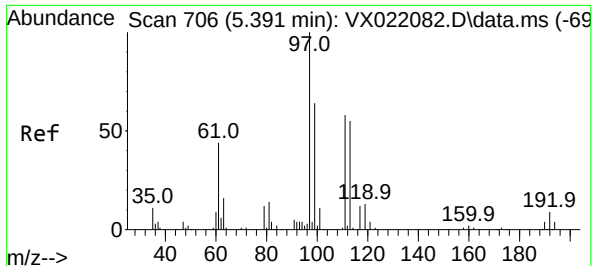


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

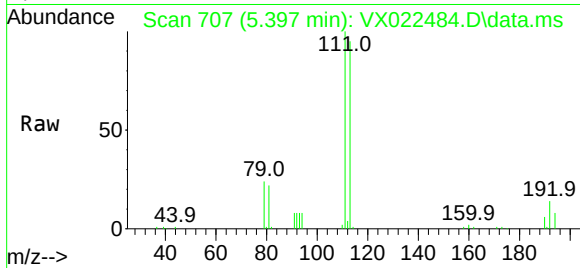
Tgt Ion: 114 Resp: 129360
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 18.2 0.0 32.8



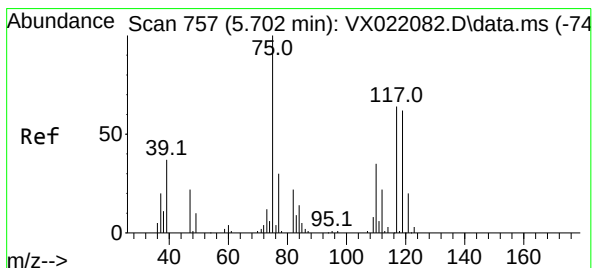
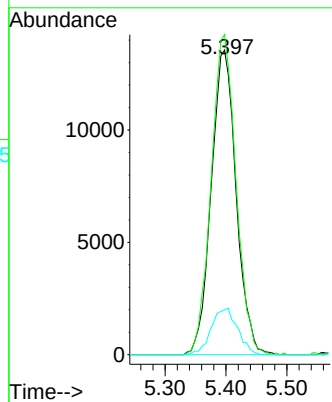
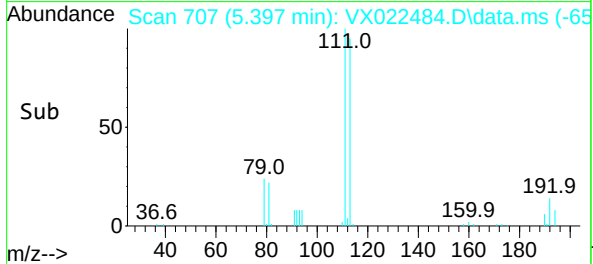


#35
Dibromofluoromethane
Concen: 46.948 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

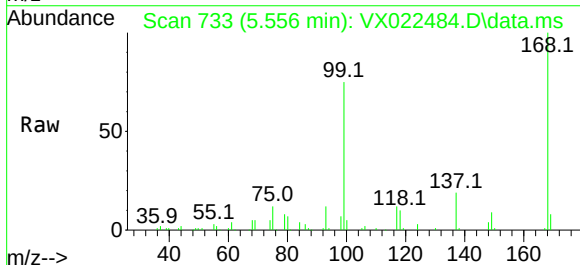
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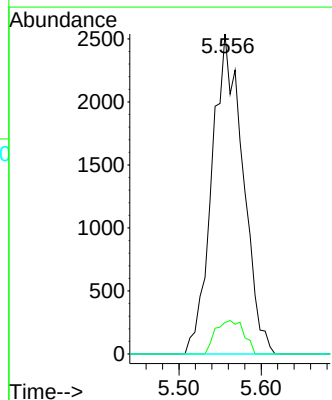
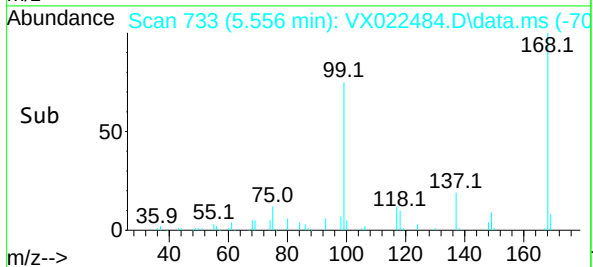
Tgt Ion:113 Resp: 38513
Ion Ratio Lower Upper
113 100
111 105.3 81.9 122.9
192 16.1 16.7 25.1#

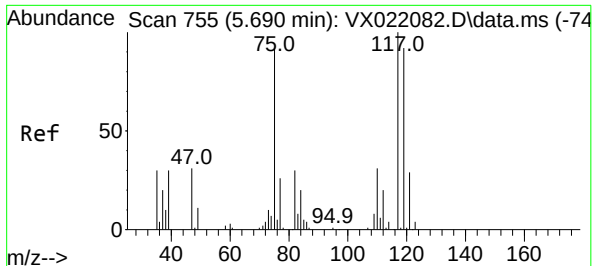


#36
1,1-Dichloropropene
Concen: 5.560 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46



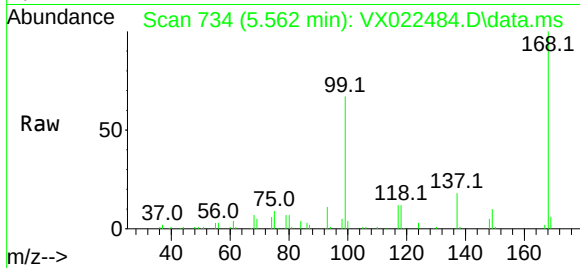
Tgt Ion: 75 Resp: 6651
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



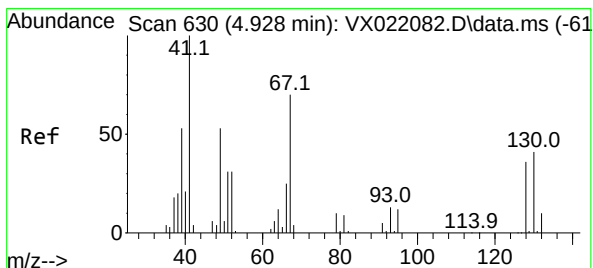
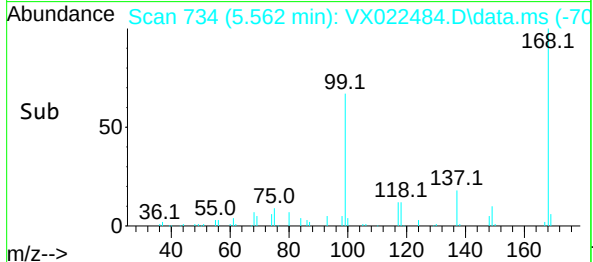
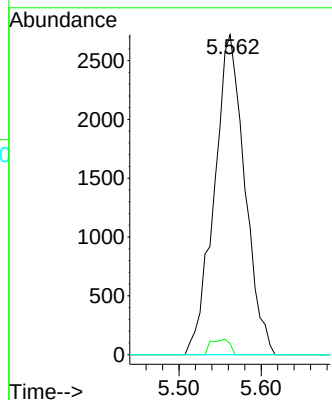


#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

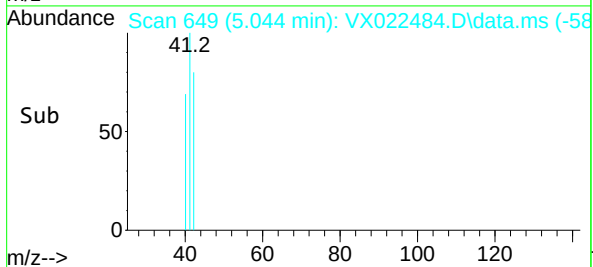
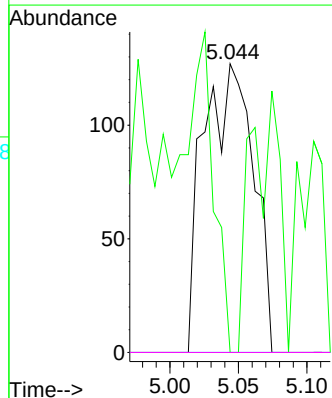
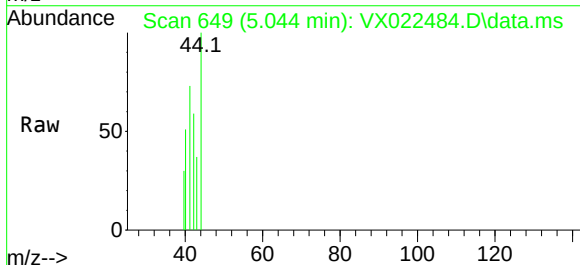


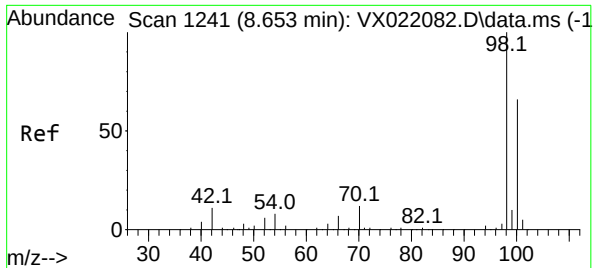
Tgt Ion:117 Resp: 7022
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.413 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Tgt Ion: 41 Resp: 324
Ion Ratio Lower Upper
41 100
39 28.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

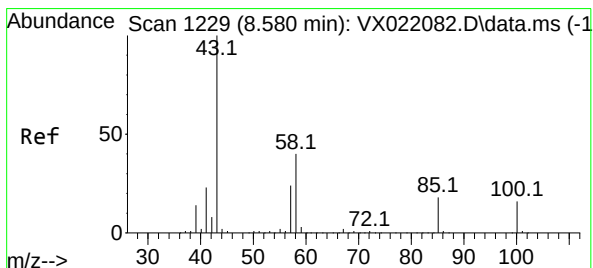
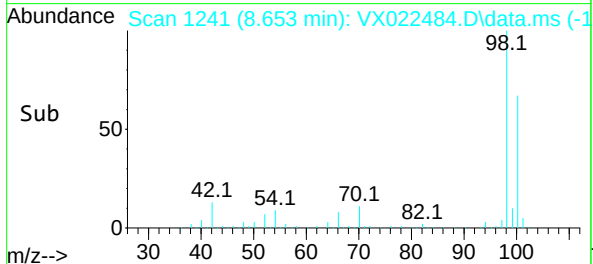
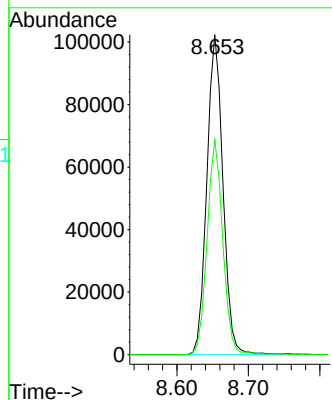
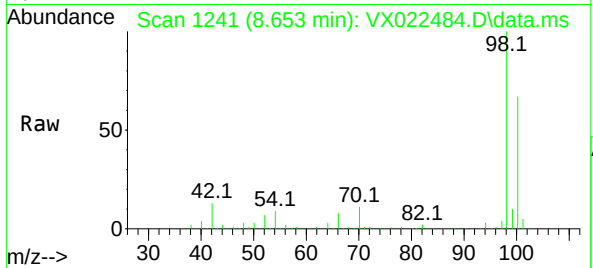




#50
Toluene-d8
Concen: 50.677 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

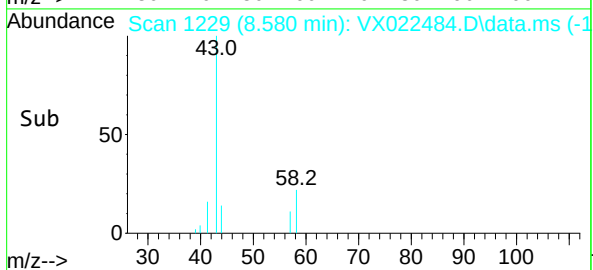
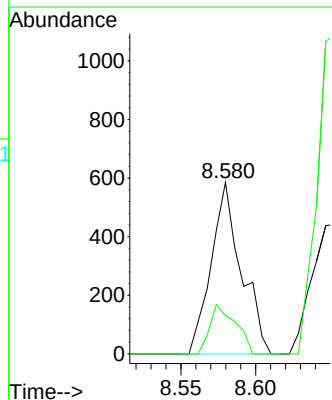
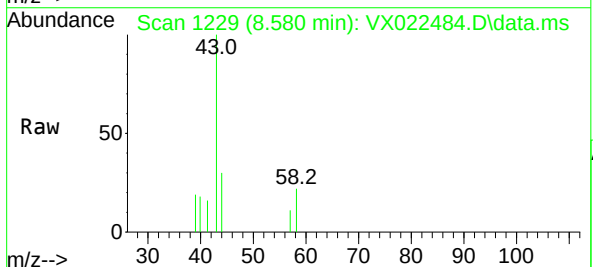
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

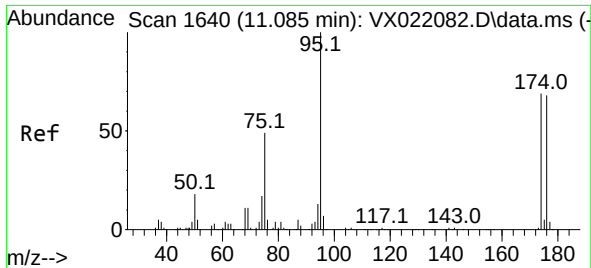
Tgt Ion: 98 Resp: 160143
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
58 24.7 35.4 53.0#

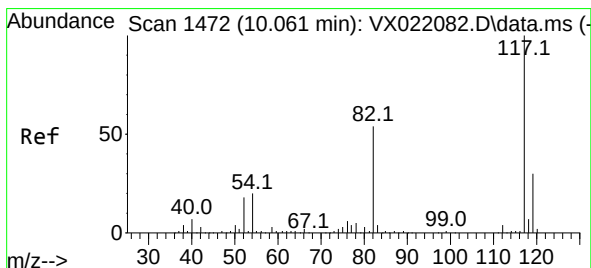
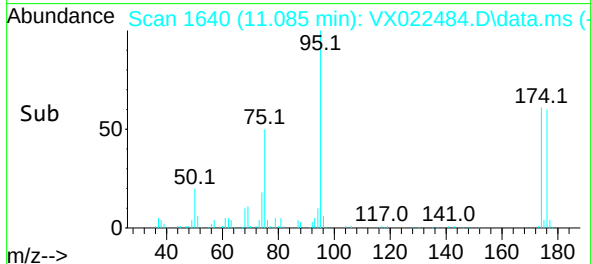
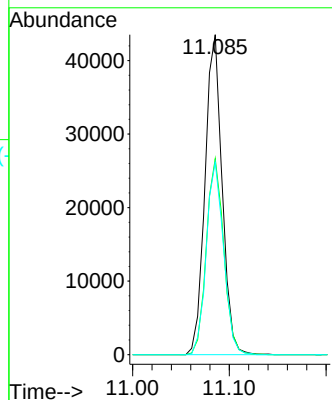
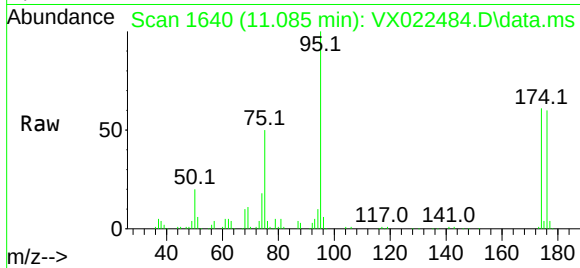




#62
4-Bromofluorobenzene
Concen: 45.964 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

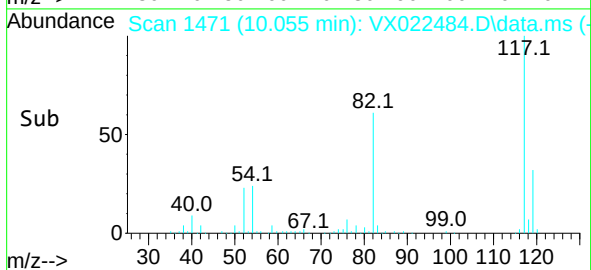
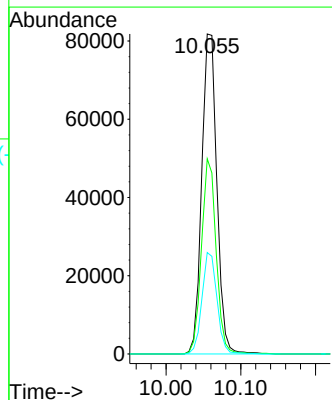
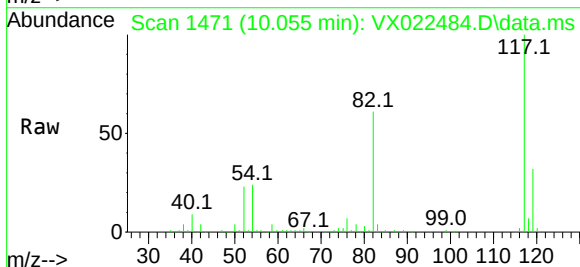
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#12

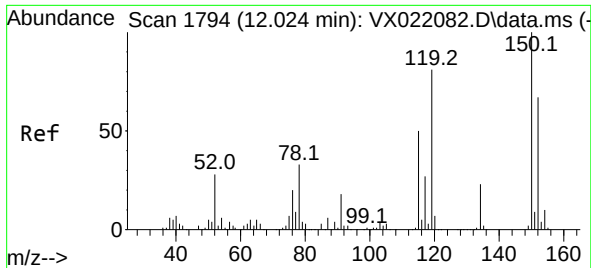
Tgt Ion: 95 Resp: 53687
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022484.D
Acq: 06 Jun 2021 17:46

Tgt Ion: 117 Resp: 115029
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.7 26.6 39.8

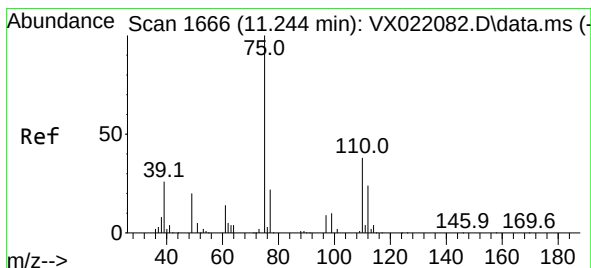
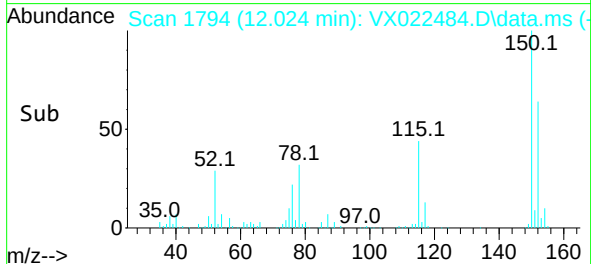
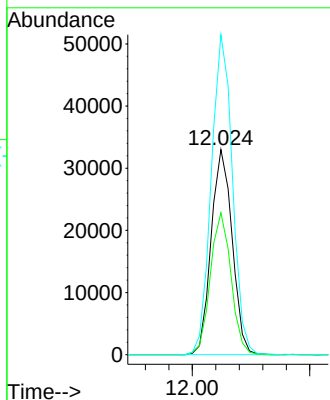
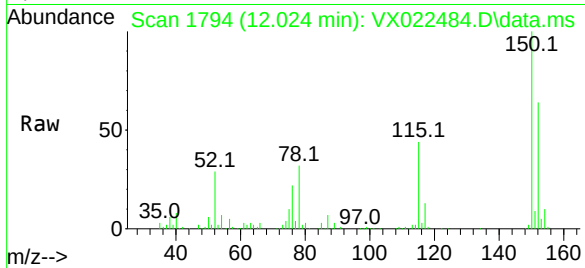




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022484.D
 Acq: 06 Jun 2021 17:46

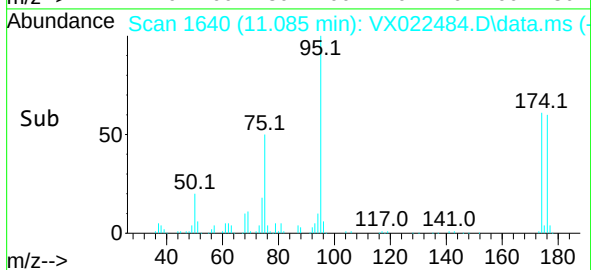
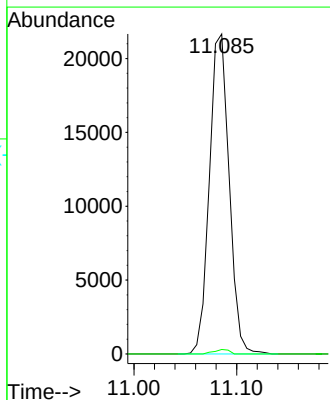
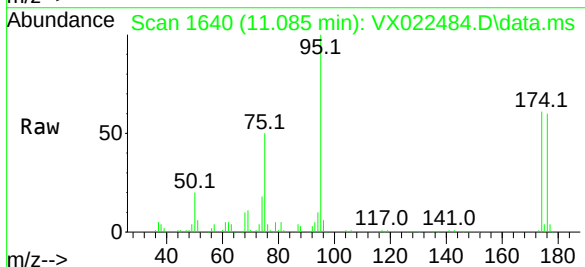
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136837ZHE#12

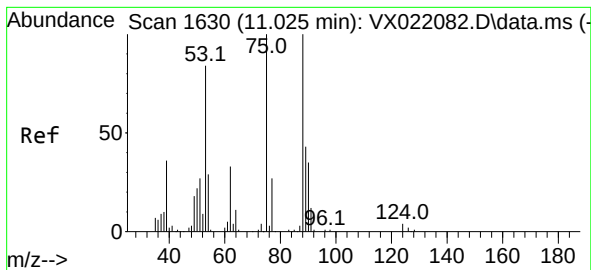
Tgt Ion:152 Resp: 41001
 Ion Ratio Lower Upper
 152 100
 115 67.9 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.541 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022484.D
 Acq: 06 Jun 2021 17:46

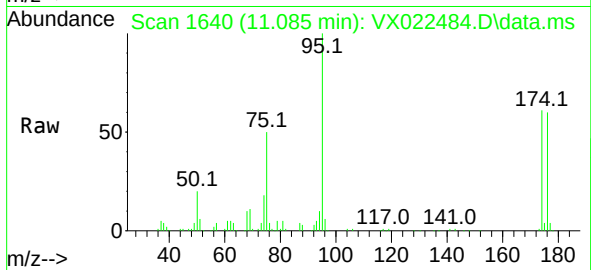
Tgt Ion: 75 Resp: 28869
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.623 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022484.D
 Acq: 06 Jun 2021 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136837ZHE#12



Tgt Ion: 75 Resp: 28869
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

