

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026680.D
 Acq On : 31 Jan 2022 15:08
 Operator : JC/MD
 Sample : PB142369ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#03

Quant Time: Jan 31 16:33:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

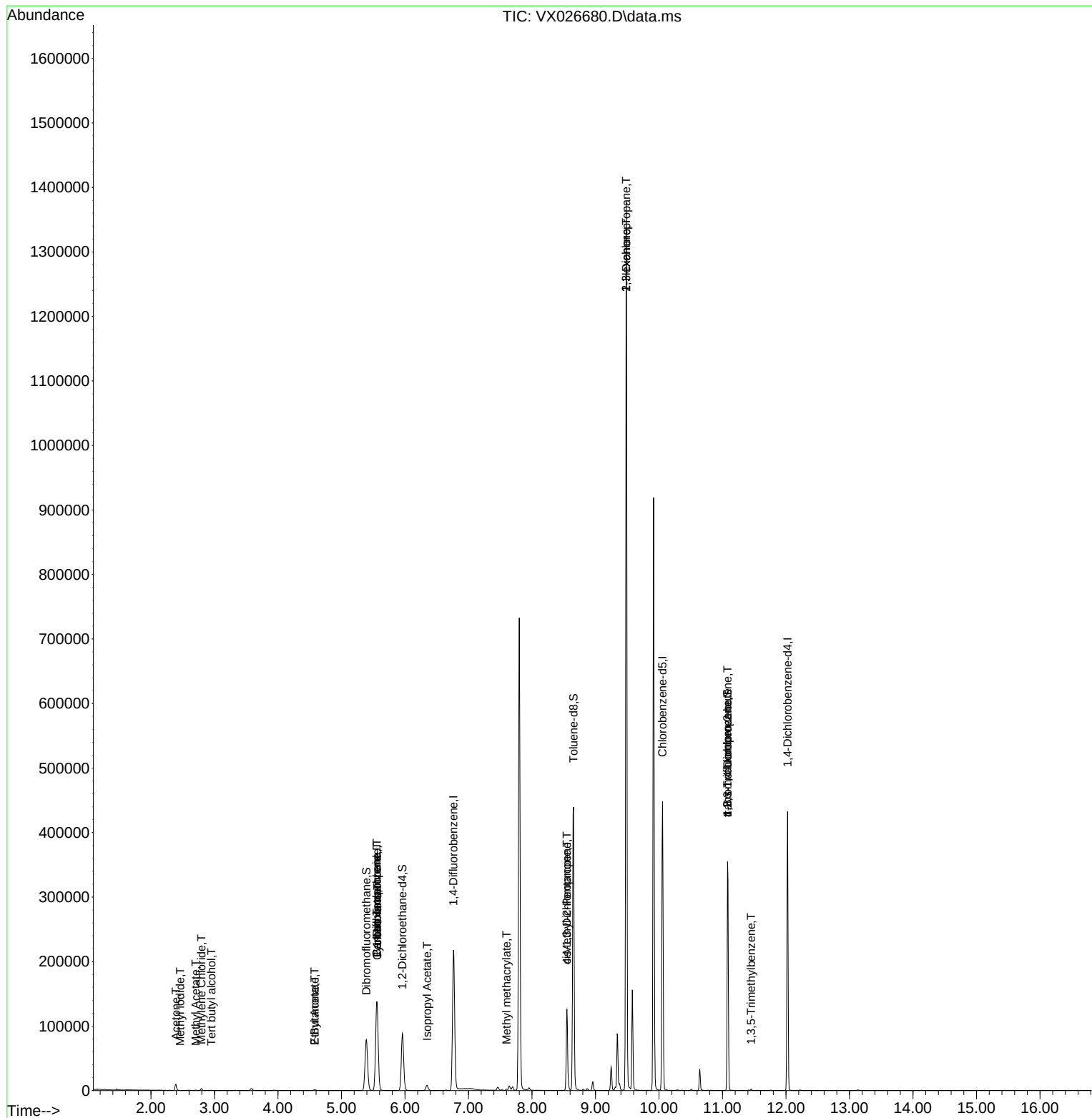
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	131352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85455	46.572	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	69878	48.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.653	98	265954	51.061	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.120%
62) 4-Bromofluorobenzene	11.079	95	97708	52.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	25	4.460	ug/l #	37
11) Tert butyl alcohol	2.953	59	191	0.748	ug/l #	75
16) Acetone	2.392	43	11492	12.281	ug/l	100
18) Methyl Acetate	2.703	43	817	0.439	ug/l #	88
20) Methylene Chloride	2.794	84	1281	0.829	ug/l	88
25) 2-Butanone	4.574	43	2476	2.035	ug/l #	83
31) Cyclohexane	5.562	56	2588	0.956	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10041	4.401	ug/l #	51
37) Ethyl Acetate	4.574	43	2476	1.073	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13765	5.865	ug/l #	17
43) Isopropyl Acetate	6.349	43	11455	3.072	ug/l	98
48) Methyl methacrylate	7.598	41	3236	1.751	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	43538	19.687	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	19947	8.282	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	12235	4.676	ug/l #	43
59) 2-Hexanone	9.482	43	163986	96.882	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	48640	25.447	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1215	0.207	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	48640	77.261	ug/l #	3

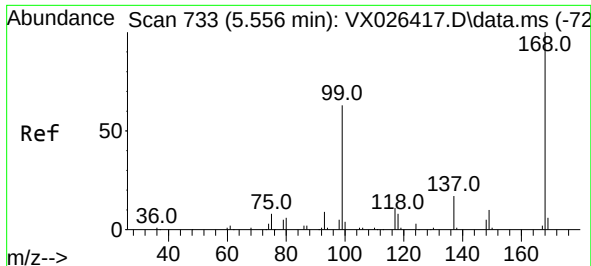
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
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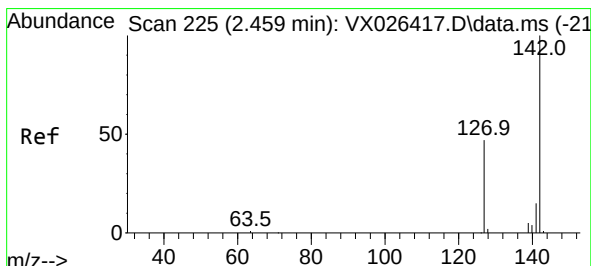
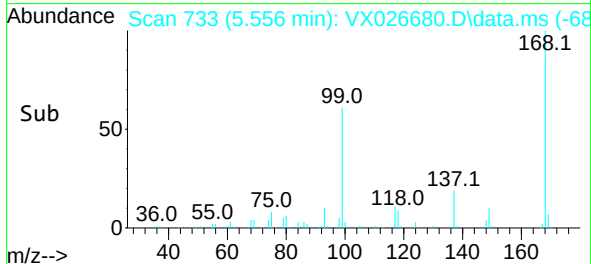
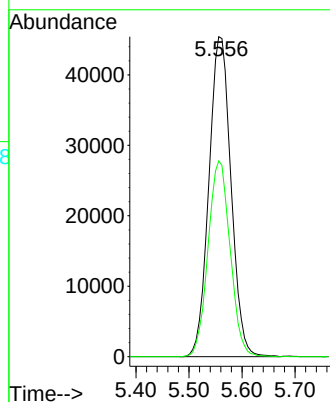
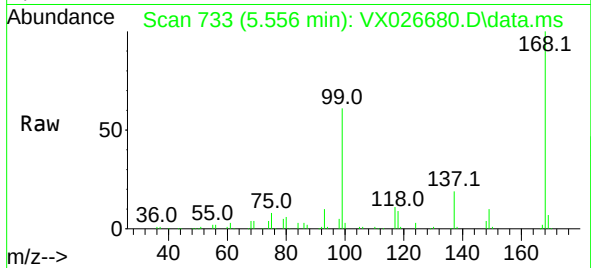




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

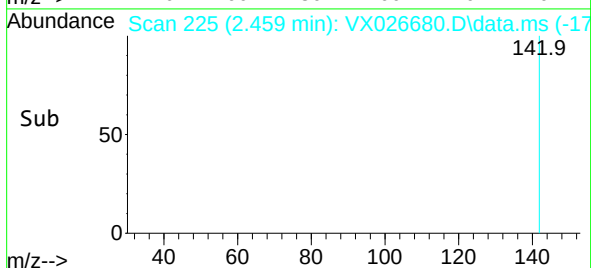
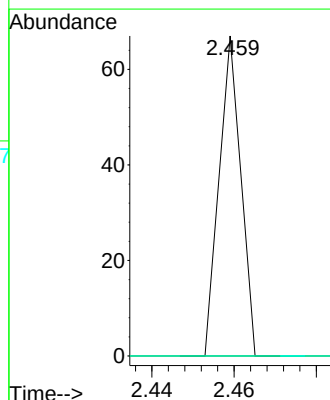
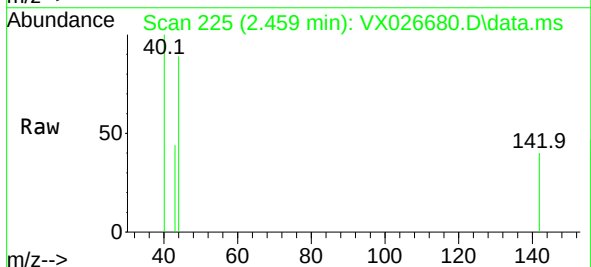
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#03

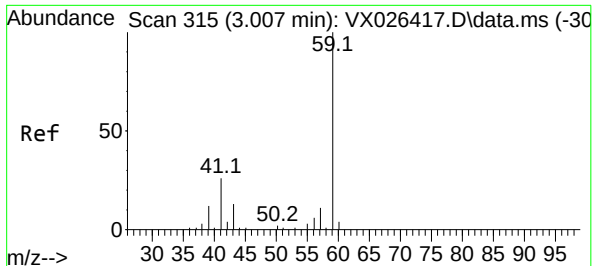
Tgt Ion:168 Resp: 131352
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#10
Methyl Iodide
Concen: 4.460 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.748 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.054 min

Lab File: VX026680.D

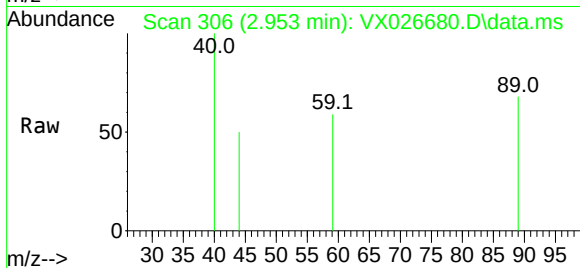
Acq: 31 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#03

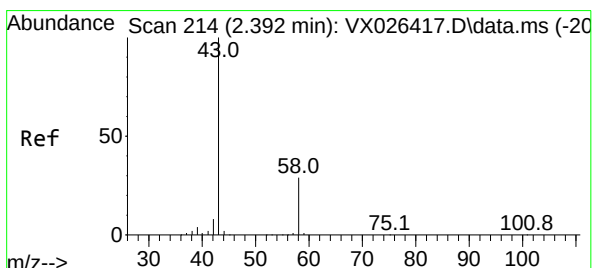
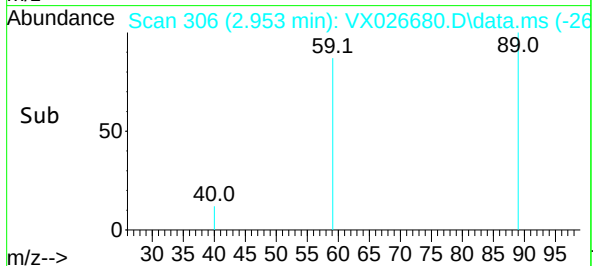
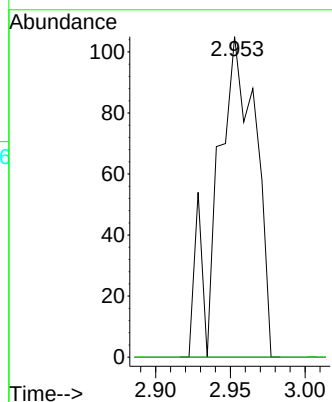


Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 12.281 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX026680.D

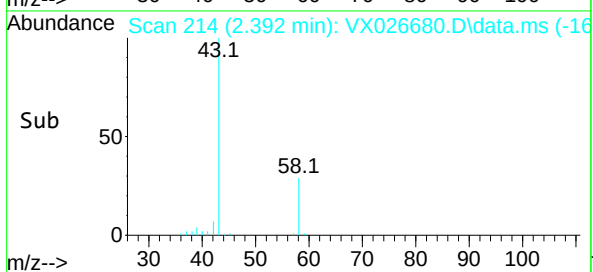
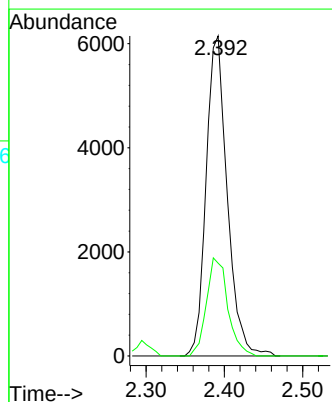
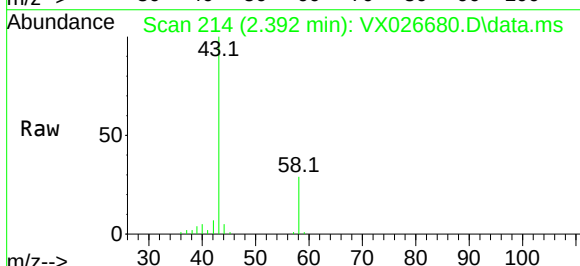
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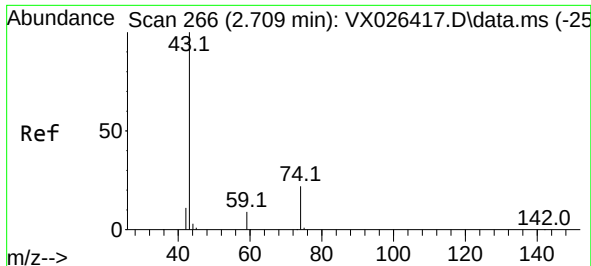
Tgt Ion: 43 Resp: 11492

Ion Ratio Lower Upper

43 100

58 29.0 23.0 34.6

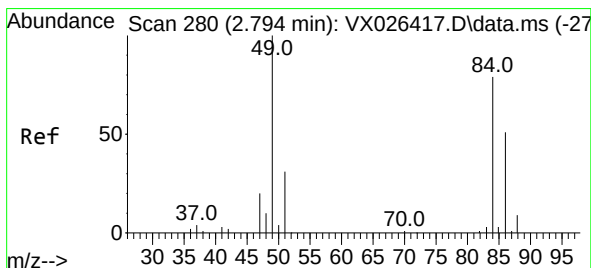
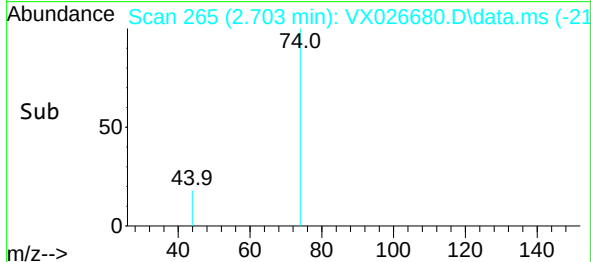
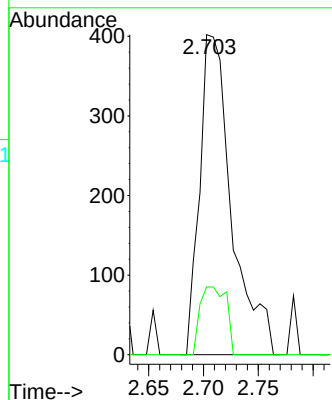
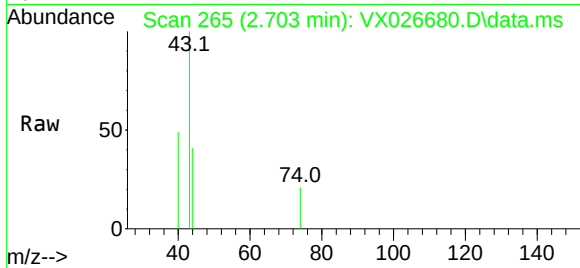




#18
Methyl Acetate
Concen: 0.439 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

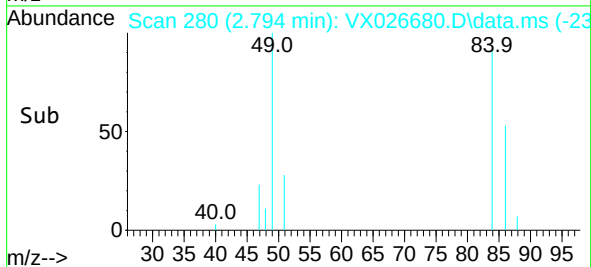
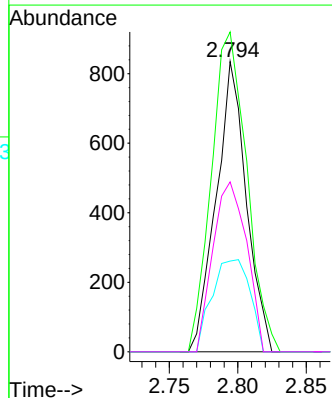
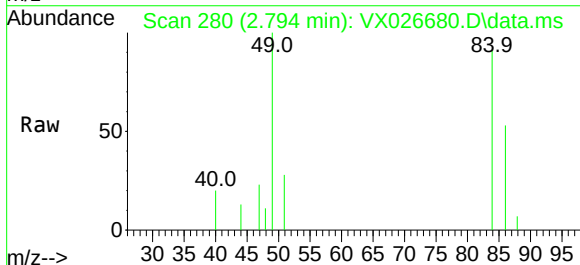
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#03

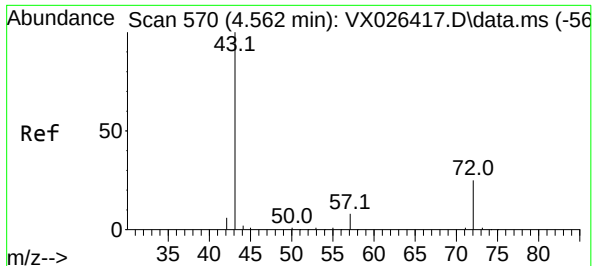
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
74 17.3 18.3 27.5#



#20
Methylene Chloride
Concen: 0.829 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 84 Resp: 1281
Ion Ratio Lower Upper
84 100
49 110.2 101.5 152.3
51 31.3 31.2 46.8
86 58.6 51.3 76.9





#25

2-Butanone

Concen: 2.035 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

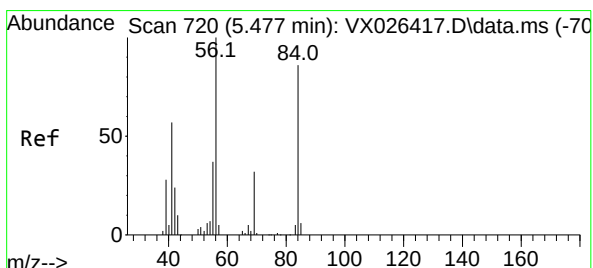
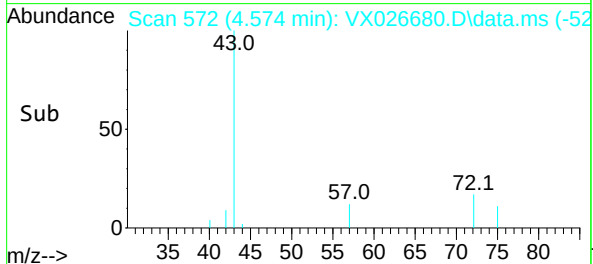
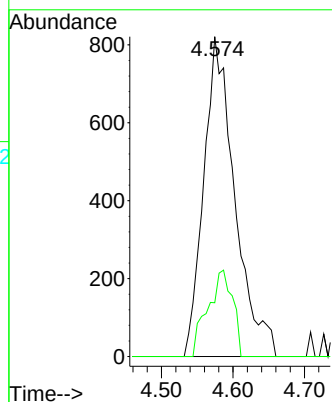
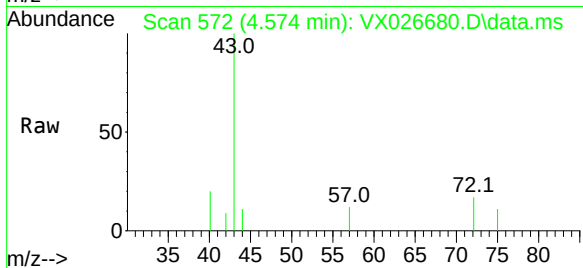
PB142369ZHE#03

Tgt Ion: 43 Resp: 2476

Ion Ratio Lower Upper

43 100

72 16.8 20.4 30.6#



#31

Cyclohexane

Concen: 0.956 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

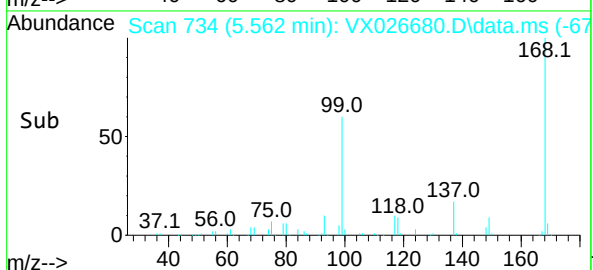
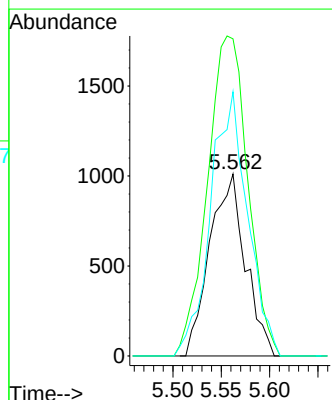
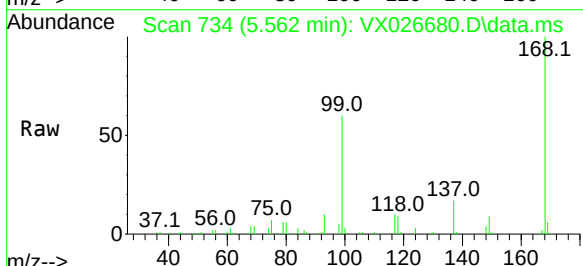
Tgt Ion: 56 Resp: 2588

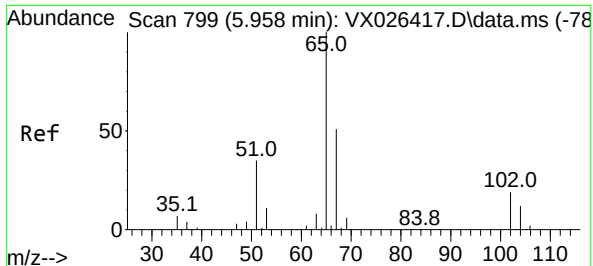
Ion Ratio Lower Upper

56 100

69 174.3 25.8 38.6#

84 145.2 68.9 103.3#

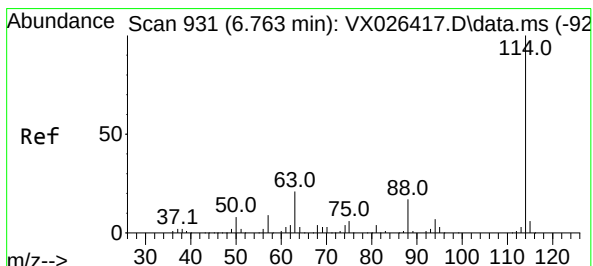
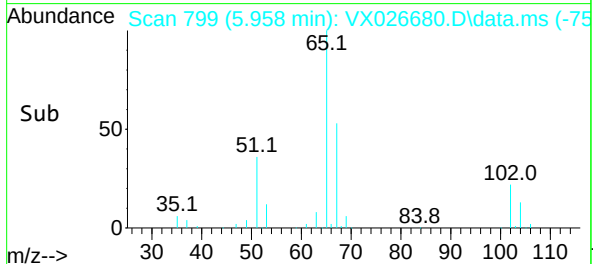
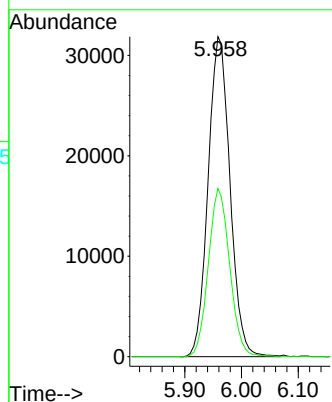
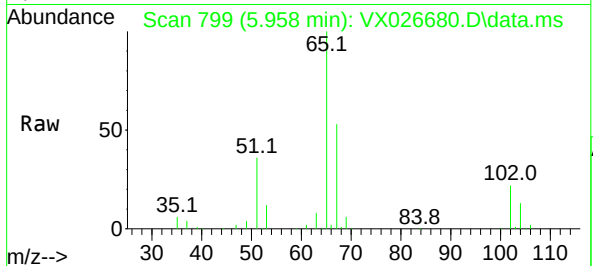




#33
 1,2-Dichloroethane-d4
 Concen: 46.572 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026680.D
 Acq: 31 Jan 2022 15:08

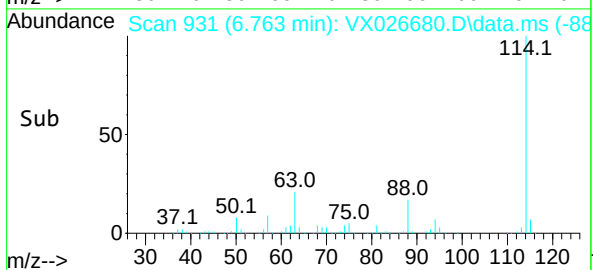
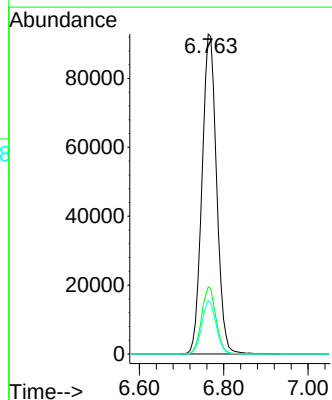
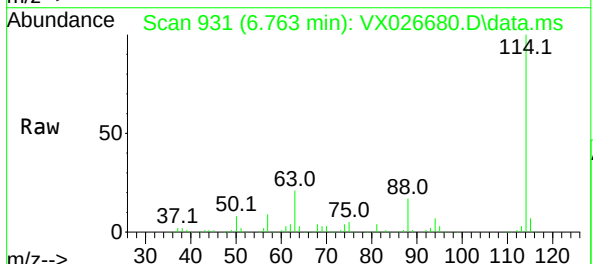
Instrument :
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 PB142369ZHE#03

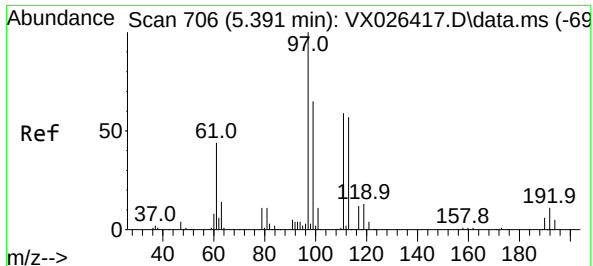
Tgt Ion: 65 Resp: 85455
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026680.D
 Acq: 31 Jan 2022 15:08

Tgt Ion: 114 Resp: 223826
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.7 0.0 33.0

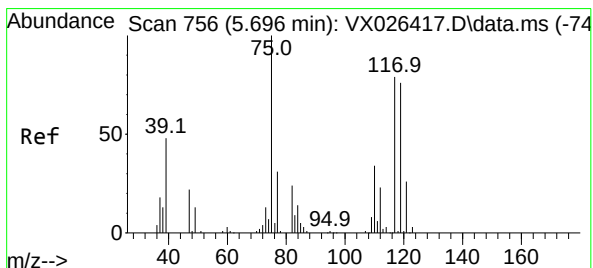
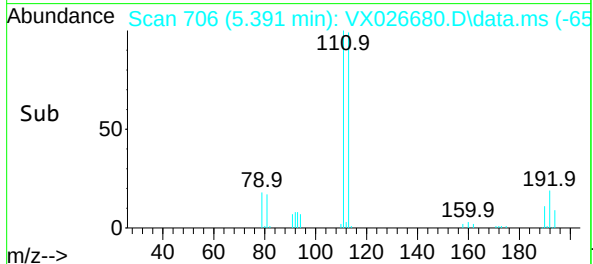
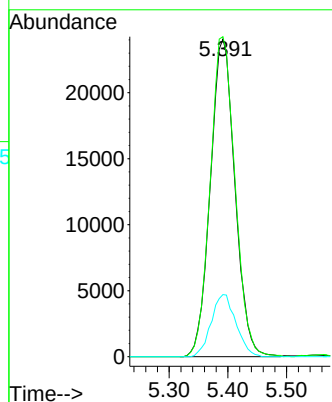
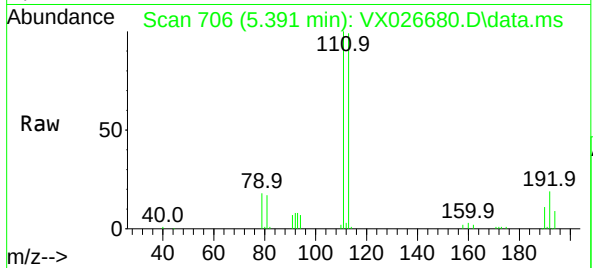




#35
Dibromofluoromethane
Concen: 48.345 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

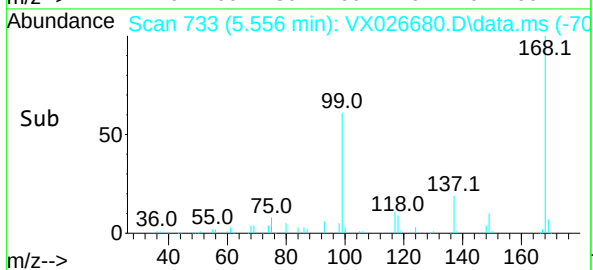
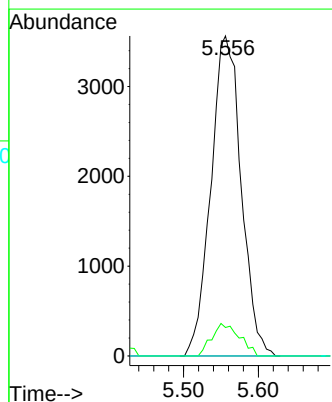
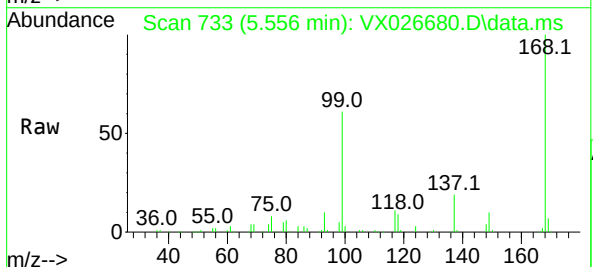
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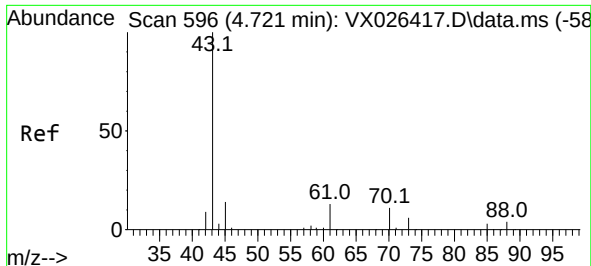
Tgt Ion:113 Resp: 69878
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 19.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 75 Resp: 10041
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.073 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX026680.D

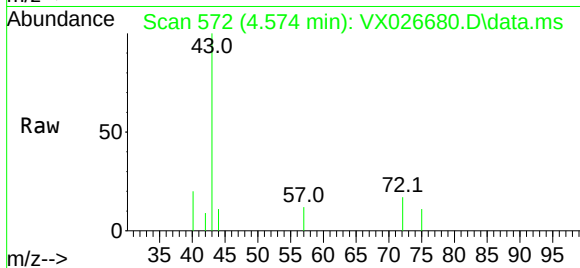
Acq: 31 Jan 2022 15:08

Instrument :

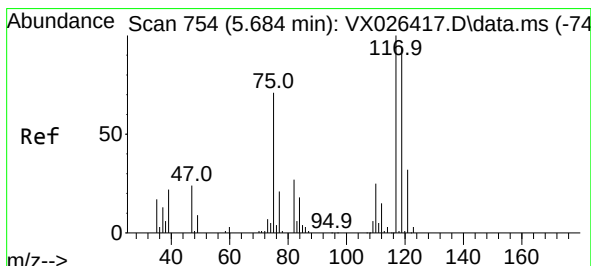
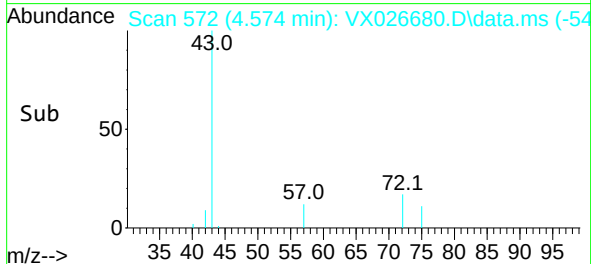
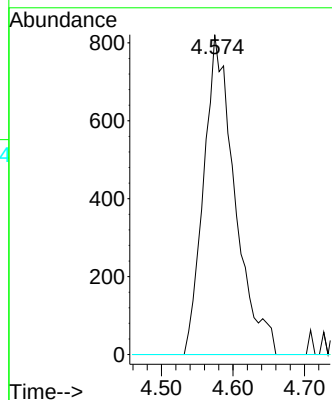
MSVOA_X

ClientSampleId :

PB142369ZHE#03



Tgt Ion: 43	Resp: 2476
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.865 ug/l

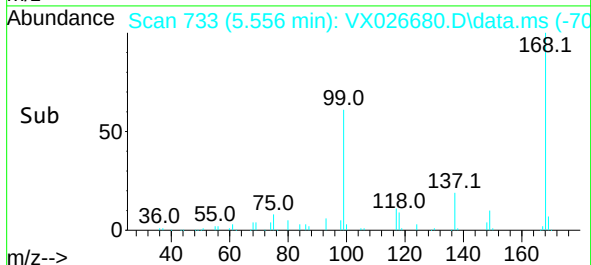
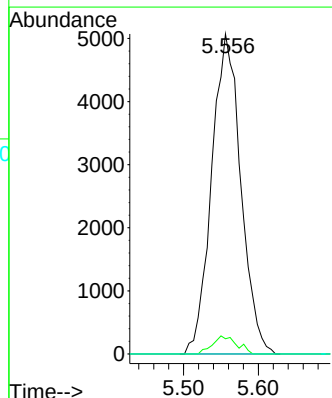
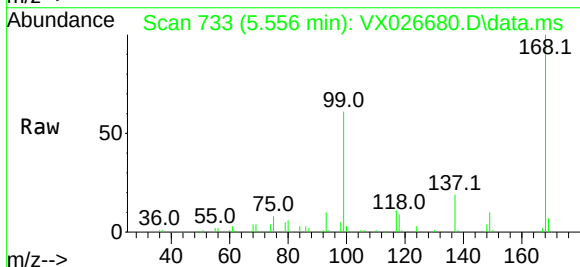
RT: 5.556 min Scan# 733

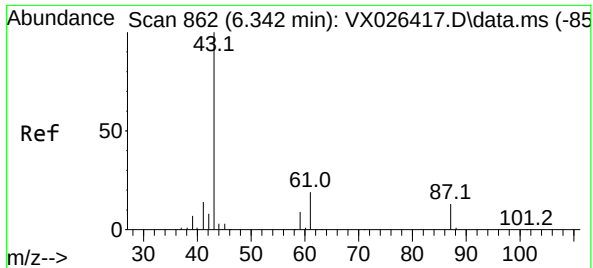
Delta R.T. -0.128 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

Tgt Ion: 117	Resp: 13765
Ion Ratio	Lower Upper
117	100
119	4.8 74.7 112.1#
121	0.0 25.4 38.0#

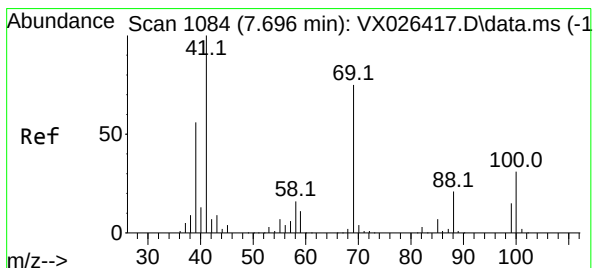
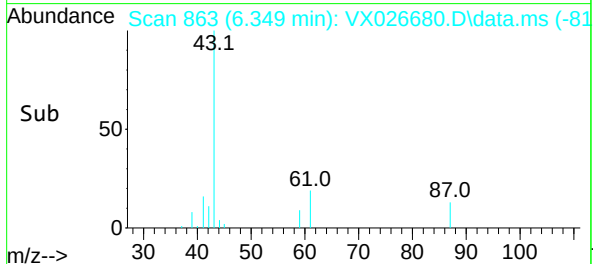
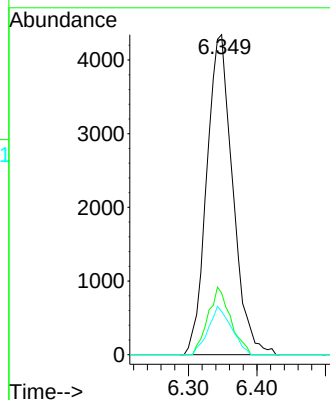
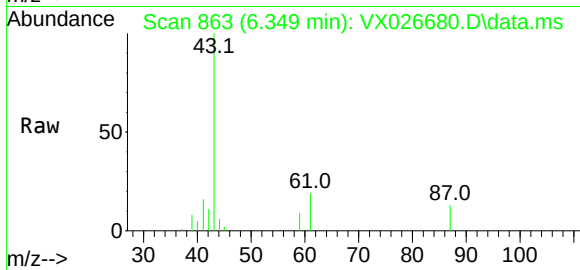




#43
Isopropyl Acetate
Concen: 3.072 ug/l
RT: 6.349 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

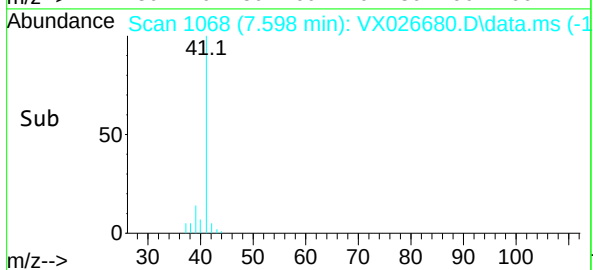
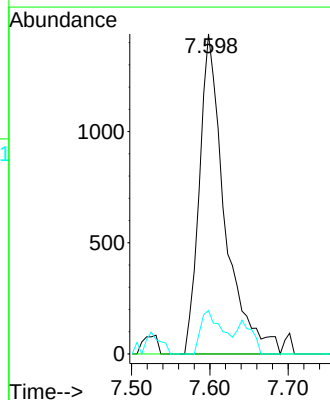
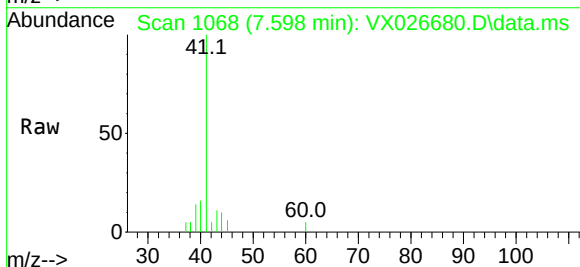
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#03

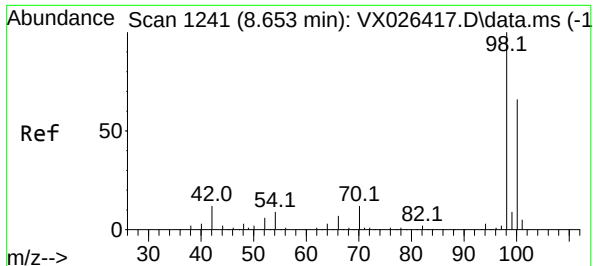
Tgt Ion: 43 Resp: 11455
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0
87 13.4 10.2 15.2



#48
Methyl methacrylate
Concen: 1.751 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 41 Resp: 3236
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

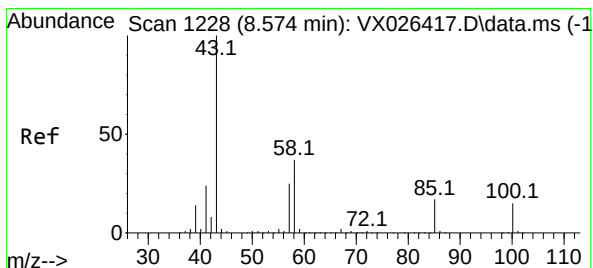
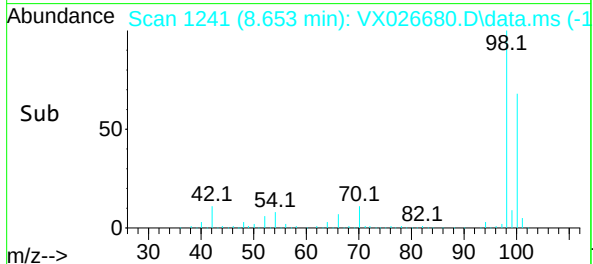
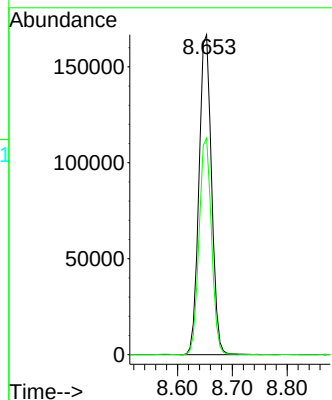
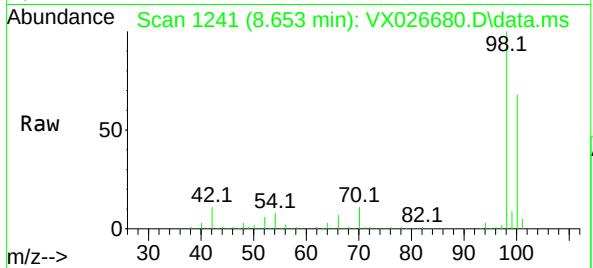




#50
Toluene-d8
Concen: 51.061 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

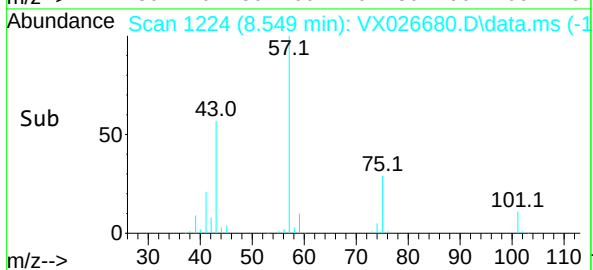
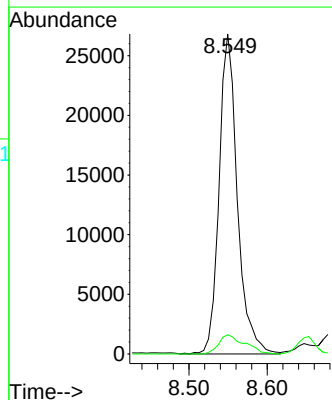
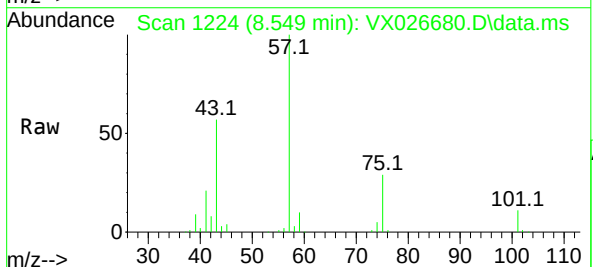
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#03

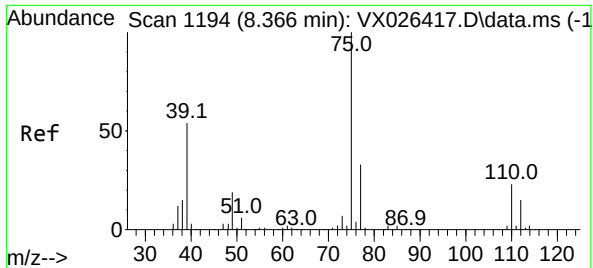
Tgt Ion: 98 Resp: 265954
Ion Ratio Lower Upper
98 100
100 67.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.687 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 43 Resp: 43538
Ion Ratio Lower Upper
43 100
58 8.5 30.5 45.7#

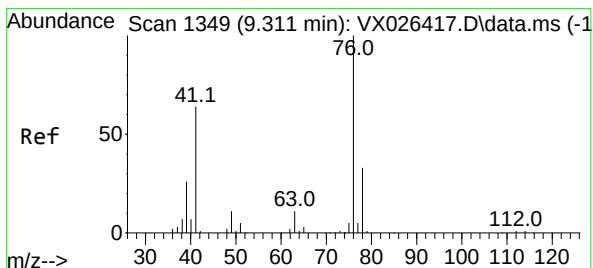
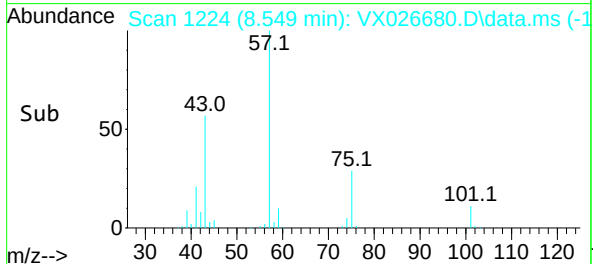
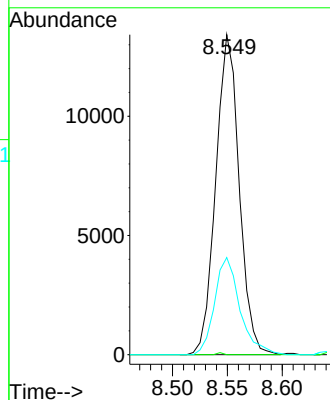
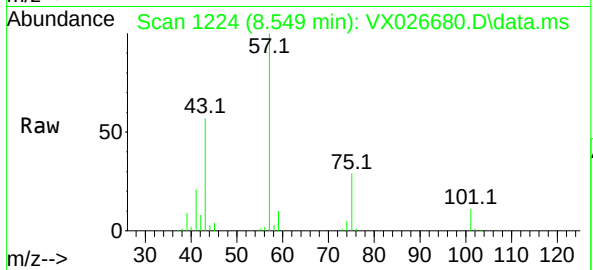




#54
 cis-1,3-Dichloropropene
 Concen: 8.282 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026680.D
 Acq: 31 Jan 2022 15:08

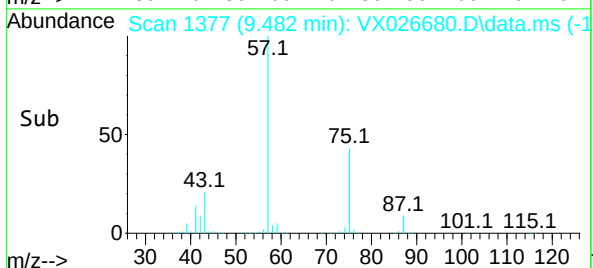
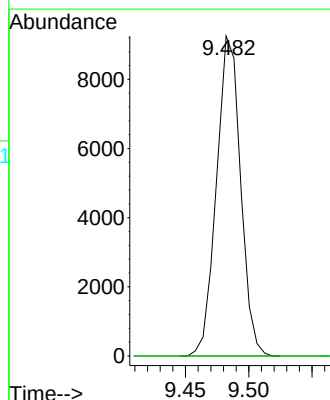
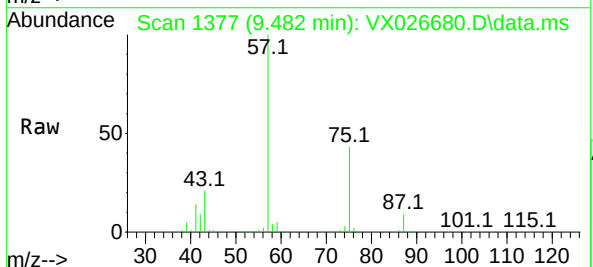
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#03

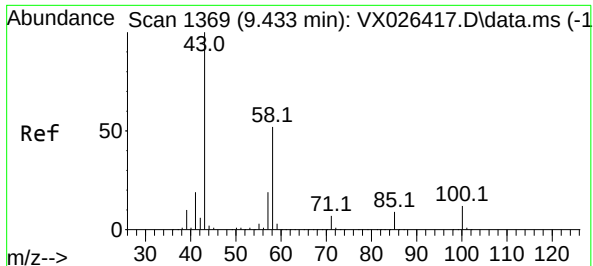
Tgt Ion: 75 Resp: 19947
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 30.4 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.676 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026680.D
 Acq: 31 Jan 2022 15:08

Tgt Ion: 76 Resp: 12235
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 96.882 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

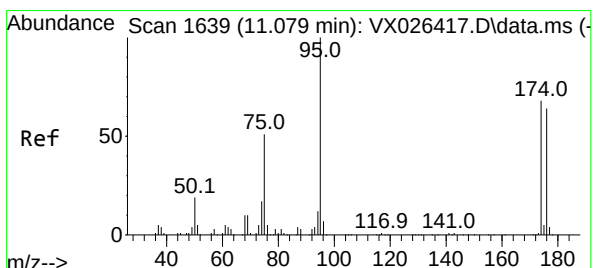
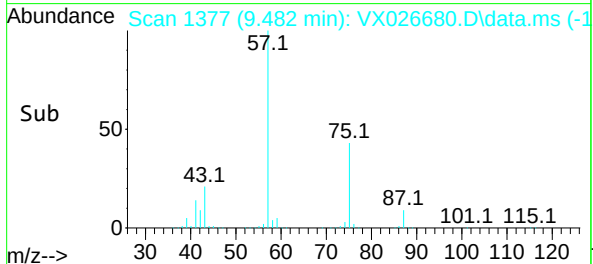
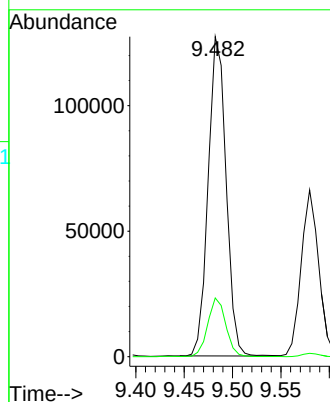
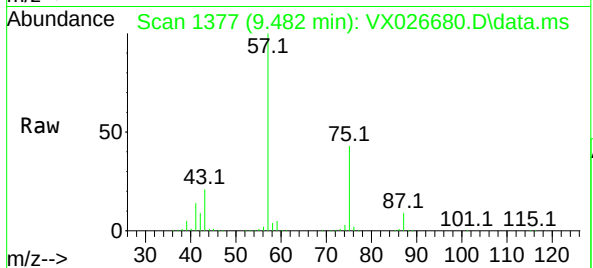
PB142369ZHE#03

Tgt Ion: 43 Resp: 163986

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 52.807 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

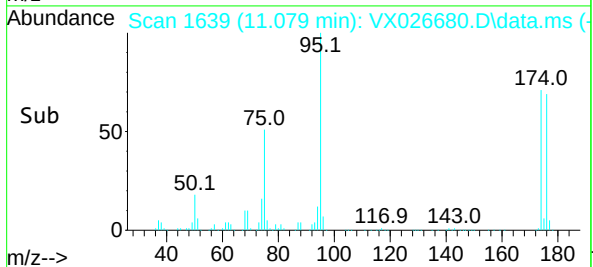
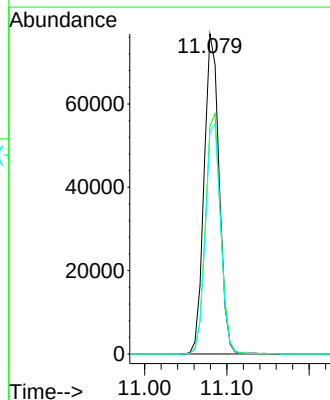
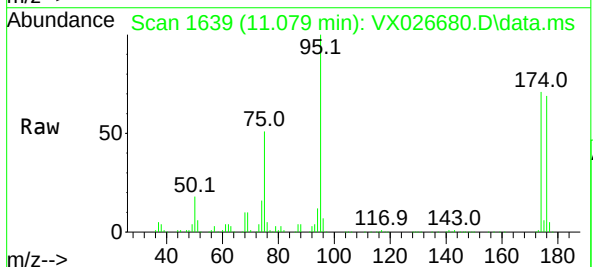
Tgt Ion: 95 Resp: 97708

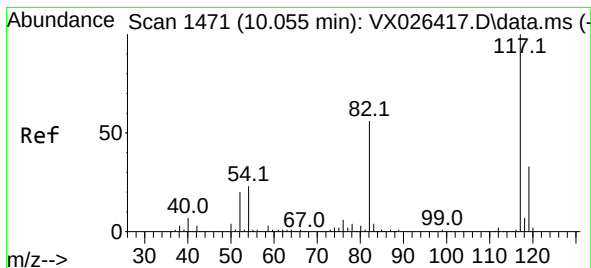
Ion Ratio Lower Upper

95 100

174 75.8 0.0 148.6

176 73.0 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#03

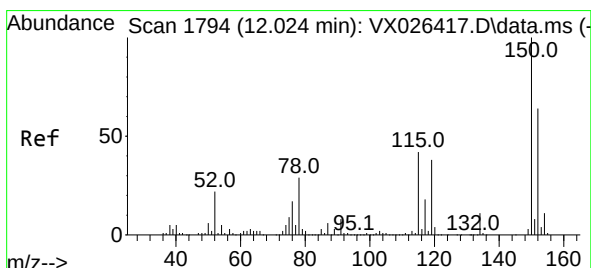
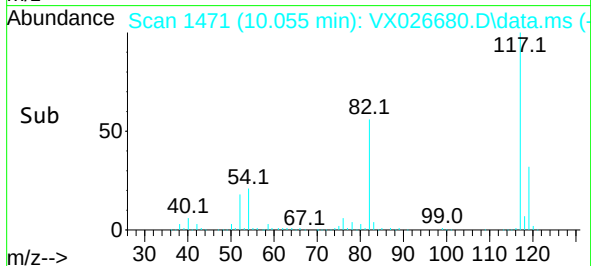
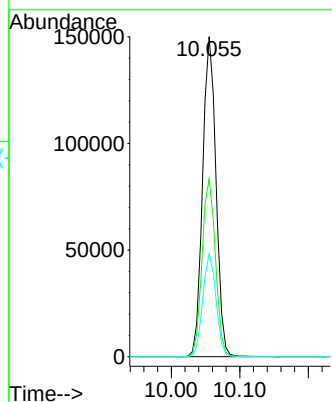
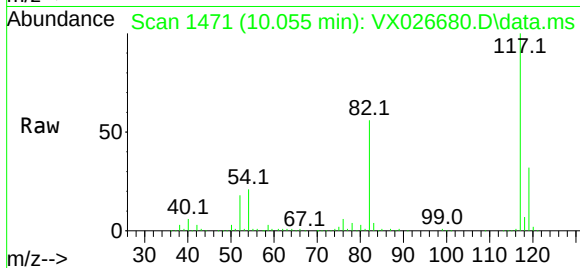
Tgt Ion:117 Resp: 204026

Ion Ratio Lower Upper

117 100

82 55.5 45.2 67.8

119 32.2 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026680.D

Acq: 31 Jan 2022 15:08

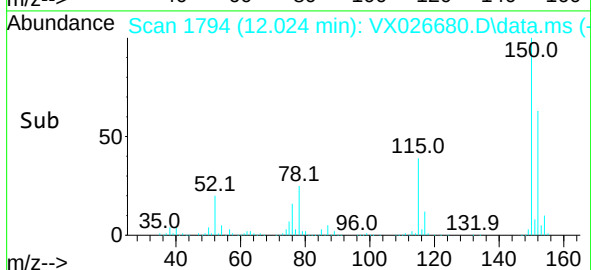
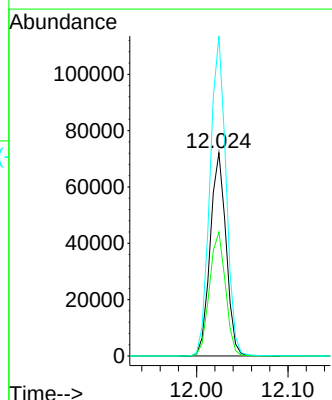
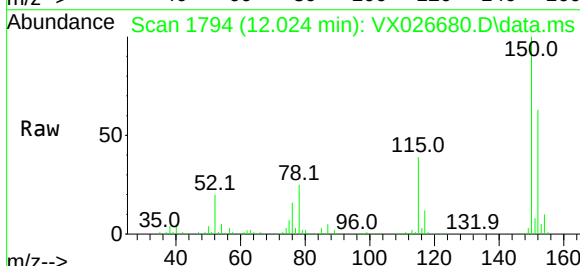
Tgt Ion:152 Resp: 86811

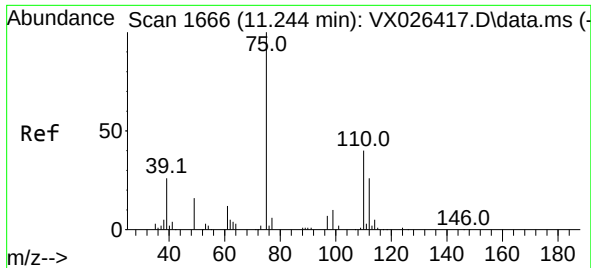
Ion Ratio Lower Upper

152 100

115 61.4 44.2 132.6

150 158.7 0.0 348.2

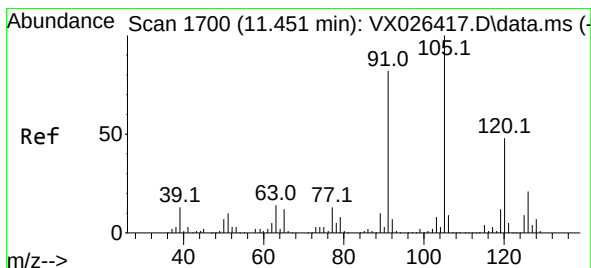
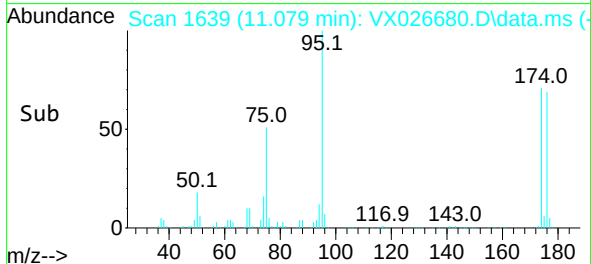
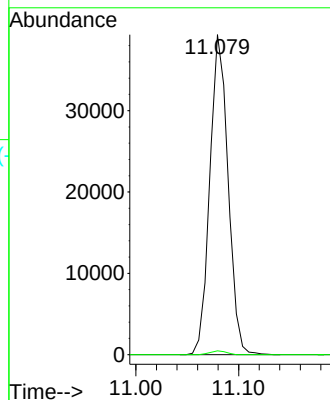
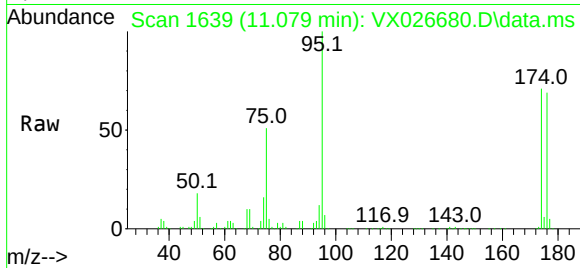




#76
1,2,3-Trichloropropane
Concen: 25.447 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.164 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

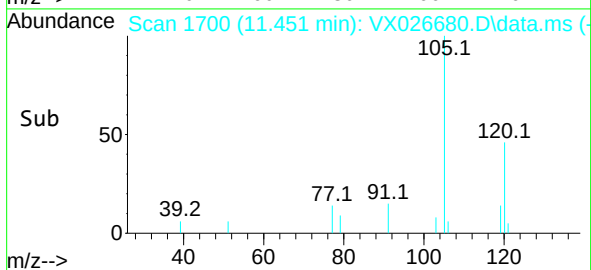
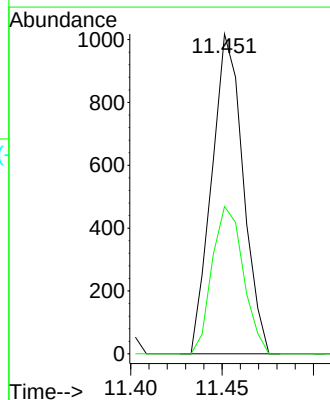
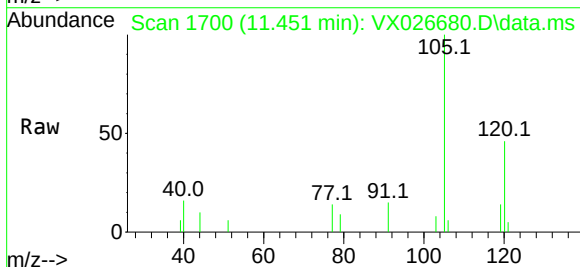
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#03

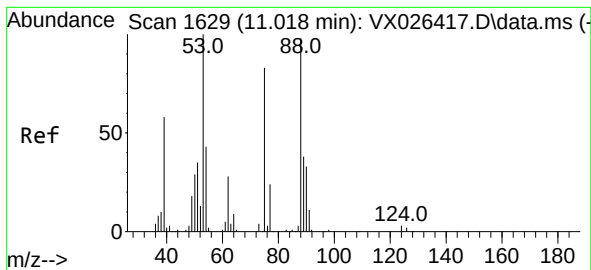
Tgt Ion: 75 Resp: 48640
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.207 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026680.D
Acq: 31 Jan 2022 15:08

Tgt Ion: 105 Resp: 1215
Ion Ratio Lower Upper
105 100
120 45.8 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.261 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026680.D
 Acq: 31 Jan 2022 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#03

Tgt Ion: 75 Resp: 48640
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

