

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026678.D
 Acq On : 31 Jan 2022 14:22
 Operator : JC/MD
 Sample : PB142369ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#01

Quant Time: Jan 31 15:39:24 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)

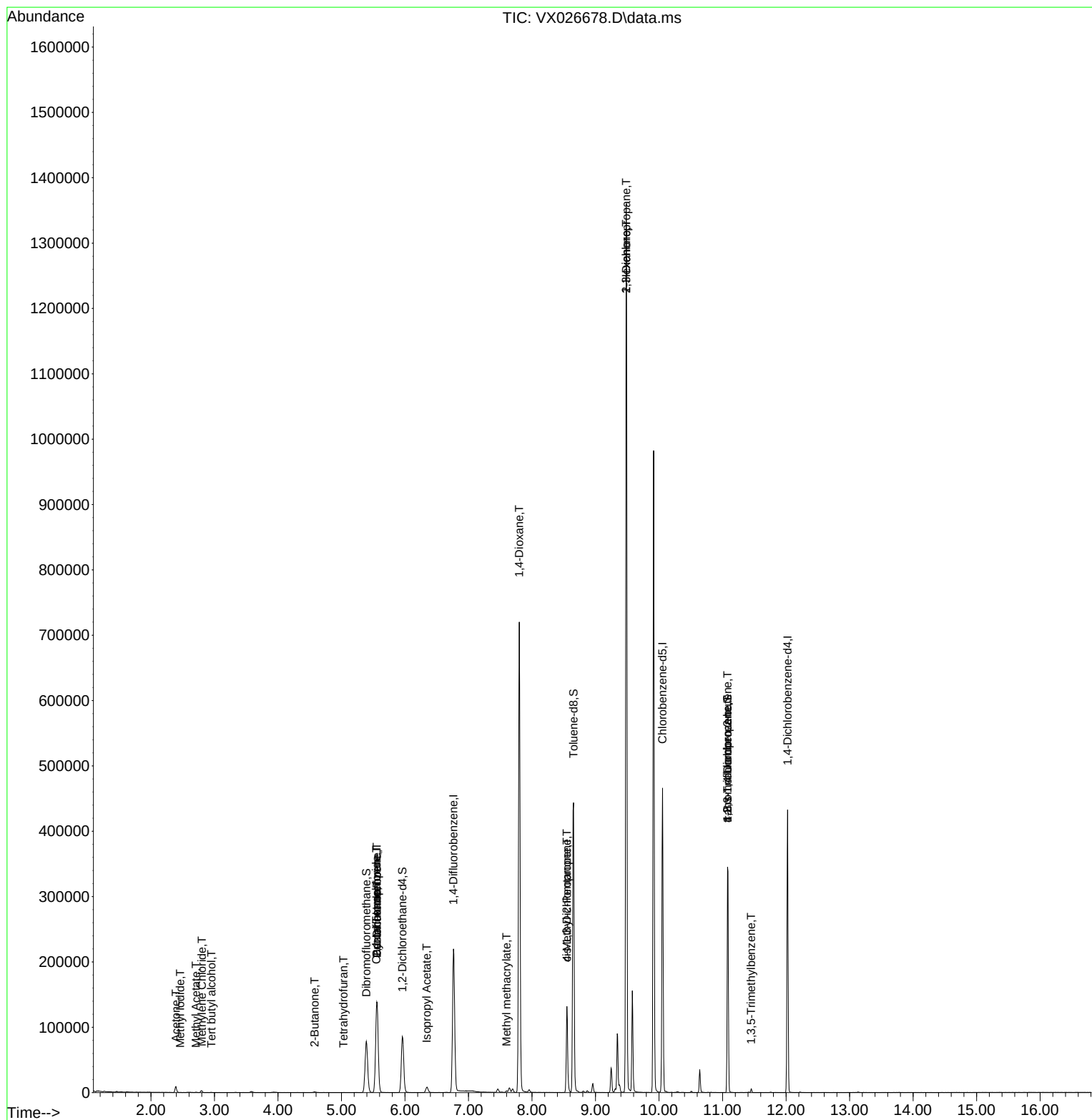
Internal Standards						
1) Pentafluorobenzene	5.556	168	132609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84828	45.792	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.580%		
35) Dibromofluoromethane	5.391	113	68826	47.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	8.653	98	265757	50.680	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.360%		
62) 4-Bromofluorobenzene	11.079	95	96908	52.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.040%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	161	4.539	ug/l #	37
11) Tert butyl alcohol	2.953	59	130	0.504	ug/l #	75
16) Acetone	2.392	43	10563	11.182	ug/l	97
18) Methyl Acetate	2.709	43	692	0.368	ug/l #	84
20) Methylene Chloride	2.800	84	1344	0.861	ug/l	97
25) 2-Butanone	4.574	43	2279	1.855	ug/l	92
29) Tetrahydrofuran	5.031	42	221	0.303	ug/l #	34
31) Cyclohexane	5.556	56	2613	0.956	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10286	4.478	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13513	5.719	ug/l #	17
43) Isopropyl Acetate	6.342	43	11755	3.132	ug/l	98
48) Methyl methacrylate	7.598	41	3269	1.757	ug/l #	16
49) 1,4-Dioxane	7.799	88	47	1.540	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	45332	20.361	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	20938	8.636	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	11935	4.531	ug/l #	43
59) 2-Hexanone	9.482	43	165800	97.297	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48379	25.236	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2598	0.442	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	48379	76.661	ug/l #	3

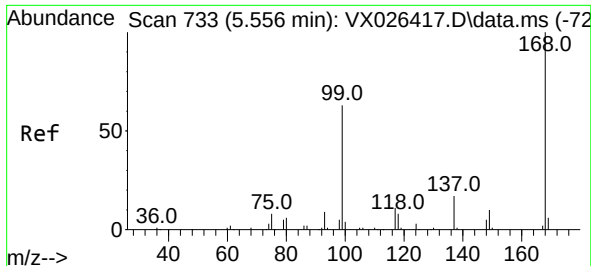
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX026678.D
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ClientSampleId :
PB142369ZHE#01

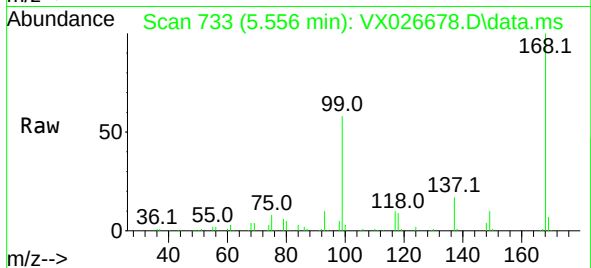
Quant Time: Jan 31 15:39:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



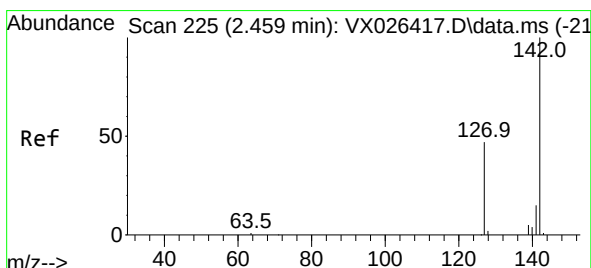
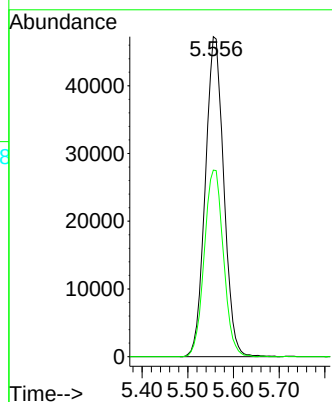
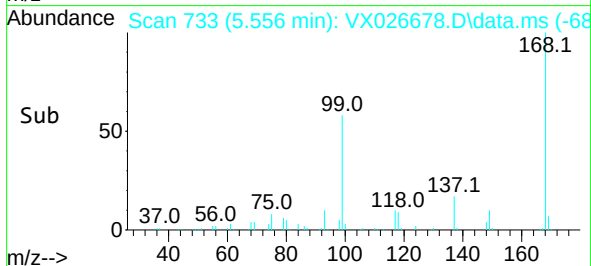


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

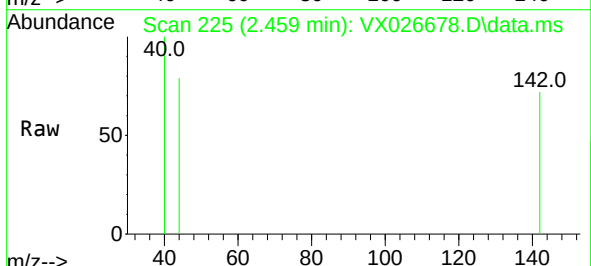
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01



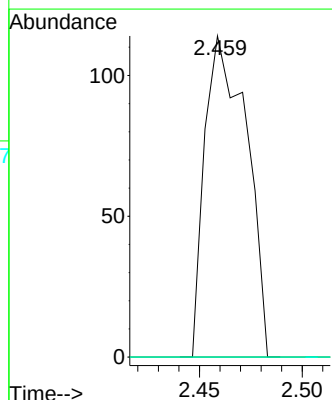
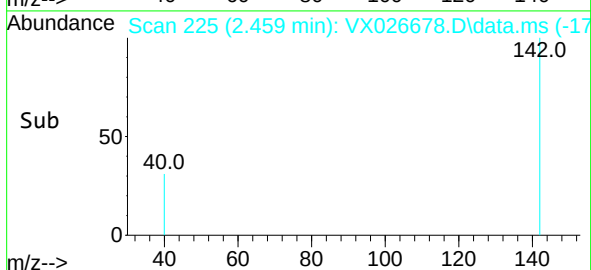
Tgt Ion:168 Resp: 132609
Ion Ratio Lower Upper
168 100
99 58.3 50.3 75.5

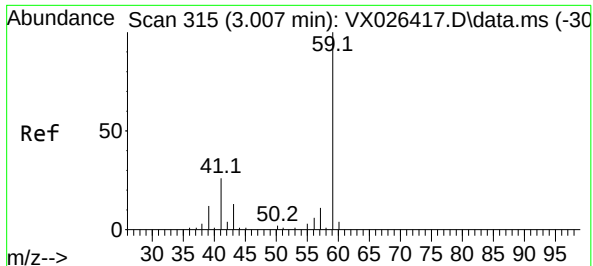


#10
Methyl Iodide
Concen: 4.539 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22



Tgt Ion:142 Resp: 161
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: 0.504 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.054 min

Lab File: VX026678.D

Acq: 31 Jan 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

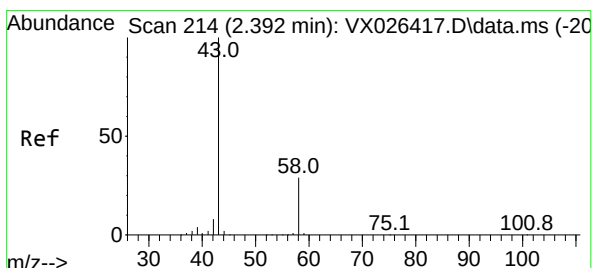
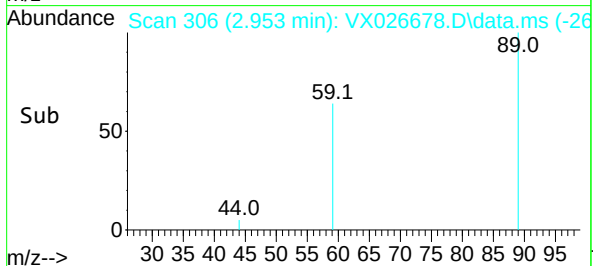
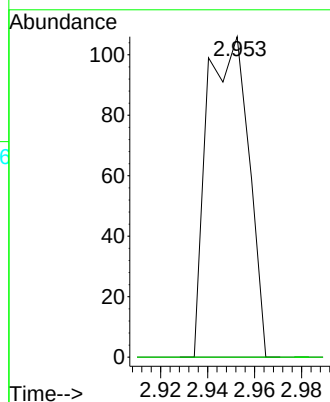
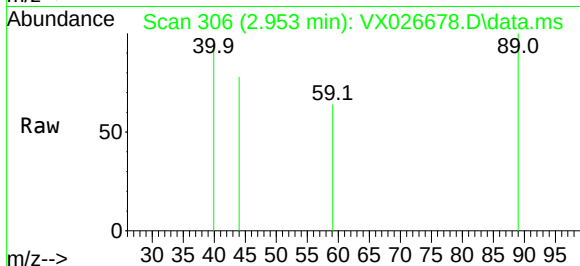
PB142369ZHE#01

Tgt Ion: 59 Resp: 130

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 11.182 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX026678.D

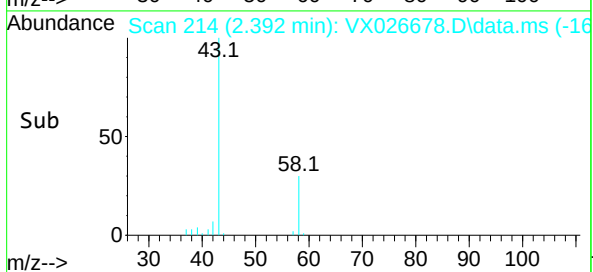
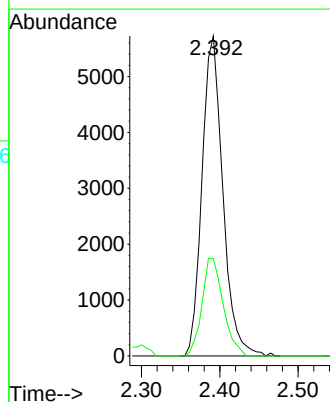
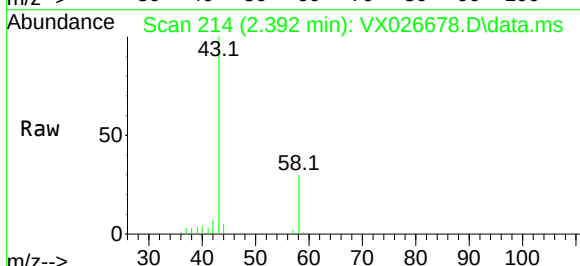
Acq: 31 Jan 2022 14:22

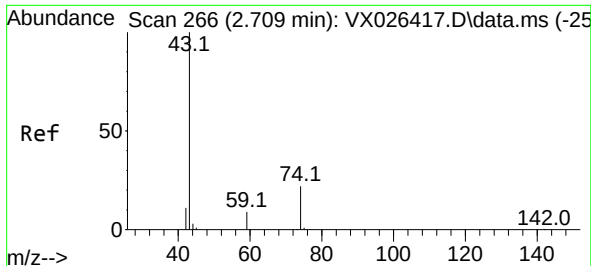
Tgt Ion: 43 Resp: 10563

Ion Ratio Lower Upper

43 100

58 30.4 23.0 34.6

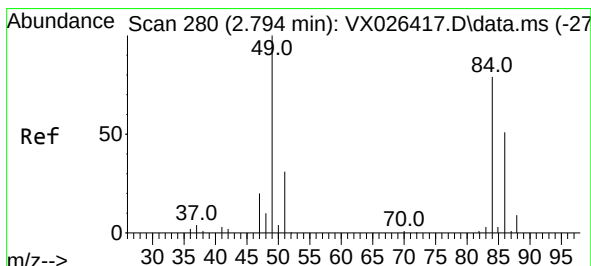
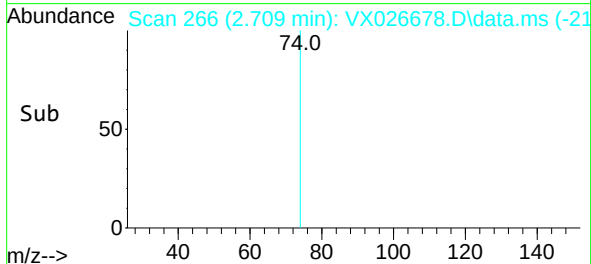
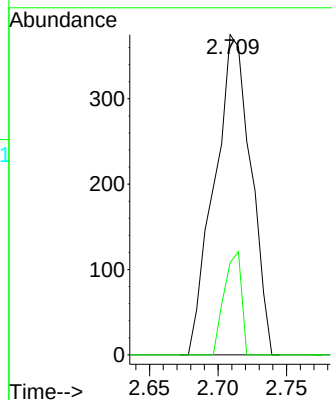
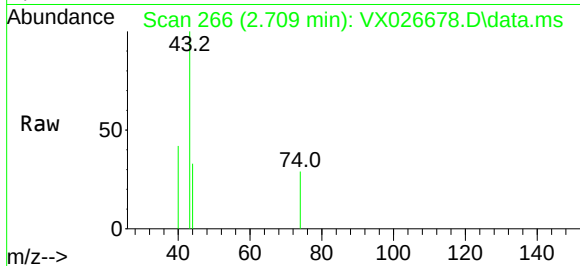




#18
Methyl Acetate
Concen: 0.368 ug/l
RT: 2.709 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

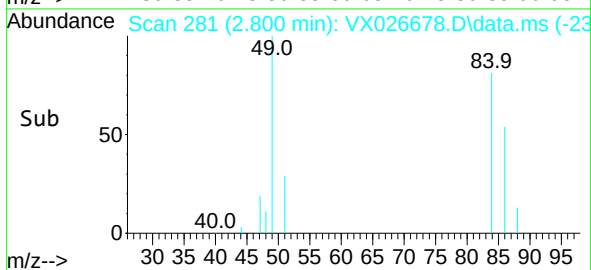
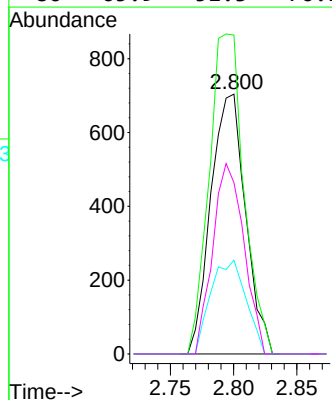
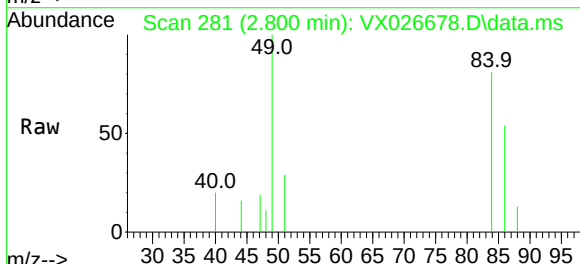
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01

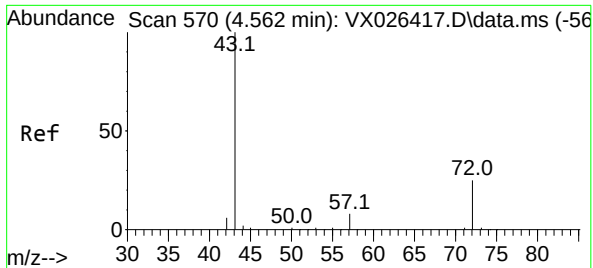
Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
74 15.2 18.3 27.5#



#20
Methylene Chloride
Concen: 0.861 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Tgt Ion: 84 Resp: 1344
Ion Ratio Lower Upper
84 100
49 122.7 101.5 152.3
51 36.1 31.2 46.8
86 65.9 51.3 76.9

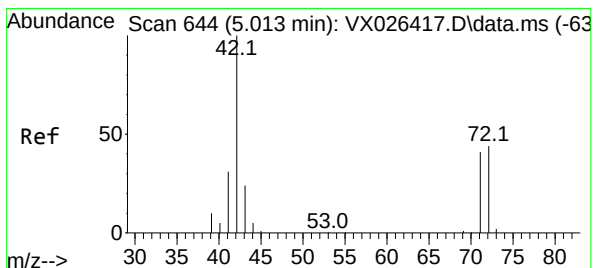
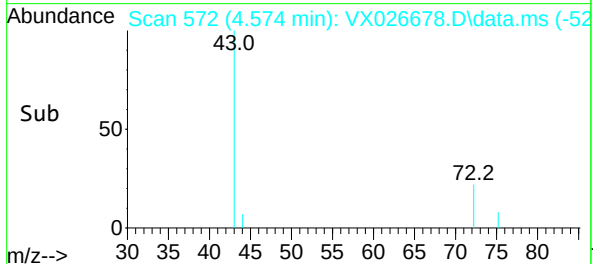
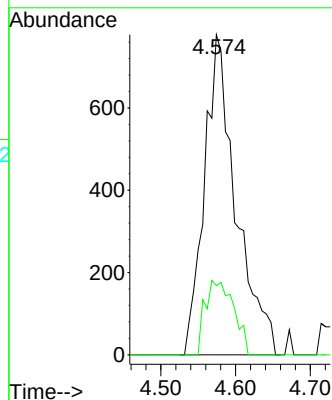
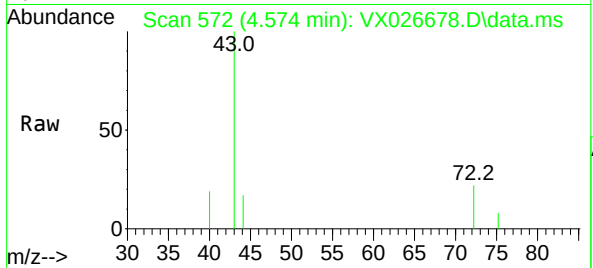




#25
2-Butanone
Concen: 1.855 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

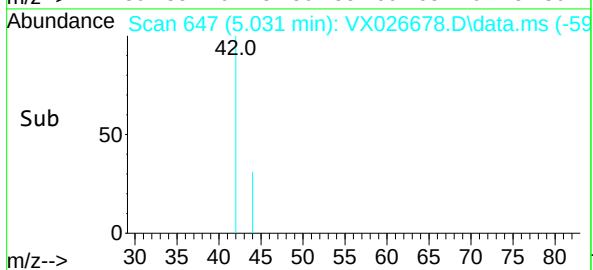
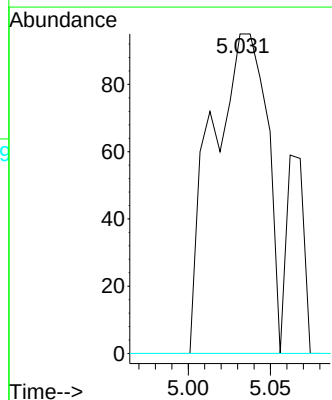
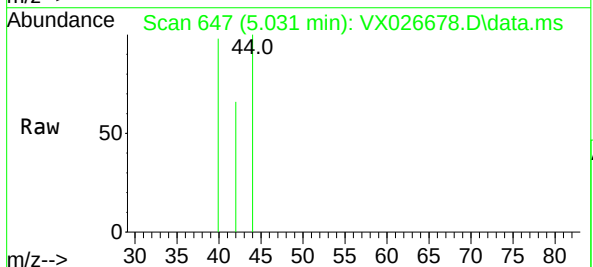
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01

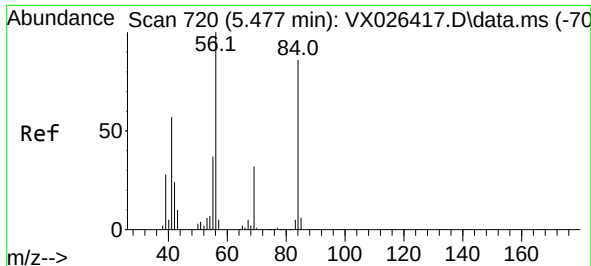
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
72 21.6 20.4 30.6



#29
Tetrahydrofuran
Concen: 0.303 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

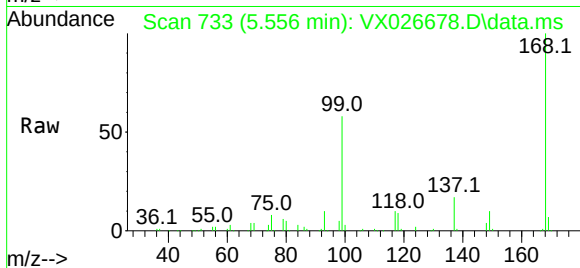
Tgt Ion: 42 Resp: 221
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 31.8 47.8#





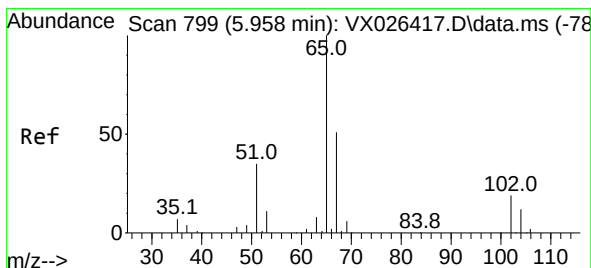
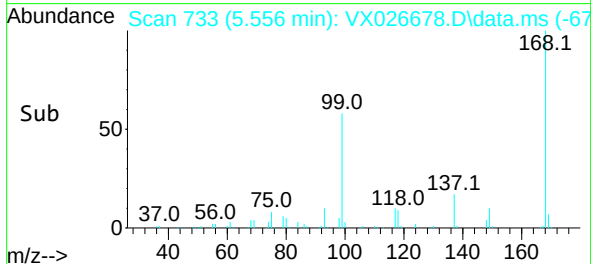
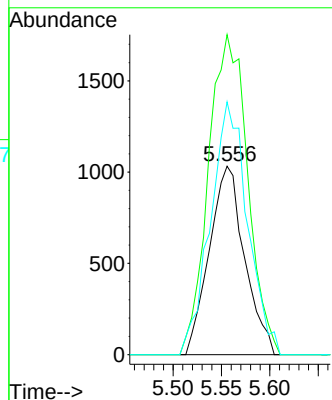
#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01



Tgt Ion: 56 Resp: 2613

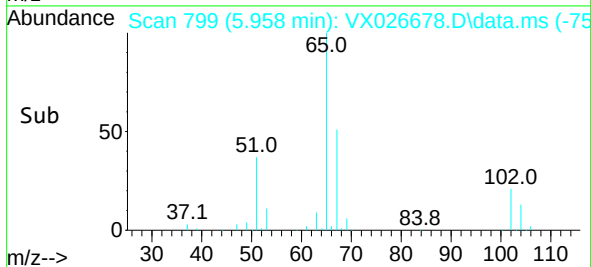
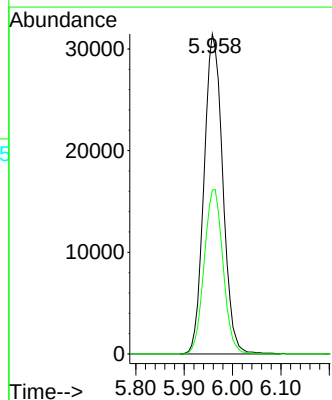
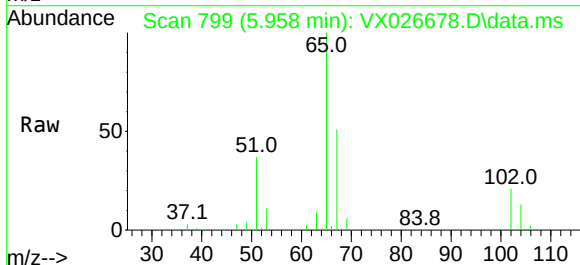
Ion	Ratio	Lower	Upper
56	100		
69	169.9	25.8	38.6#
84	134.2	68.9	103.3#

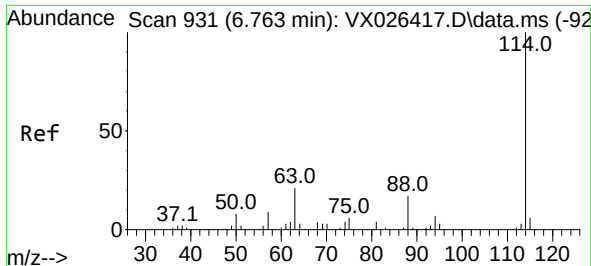


#33
1,2-Dichloroethane-d4
Concen: 45.792 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Tgt Ion: 65 Resp: 84828

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.8

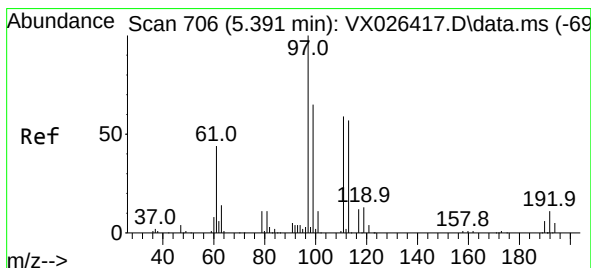
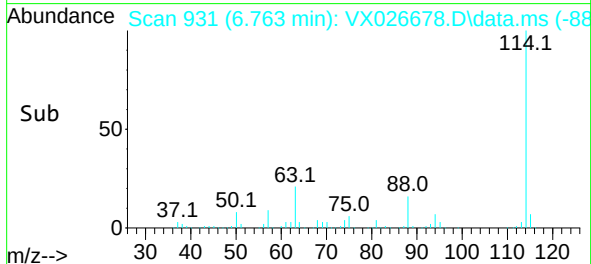
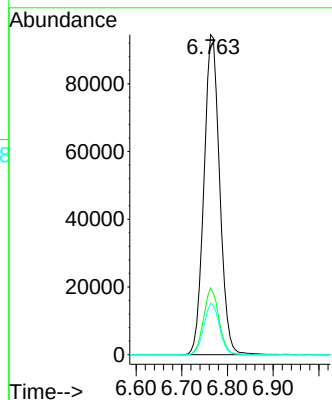
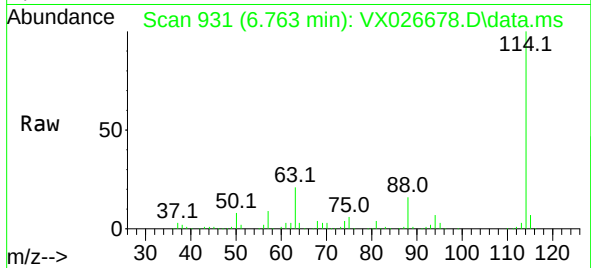




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

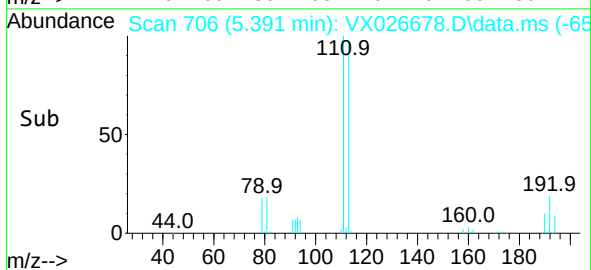
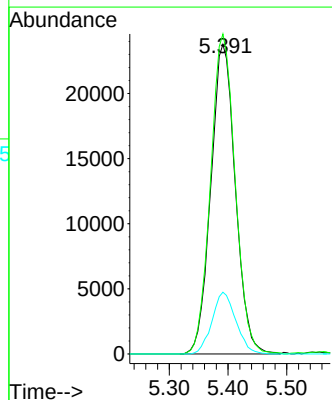
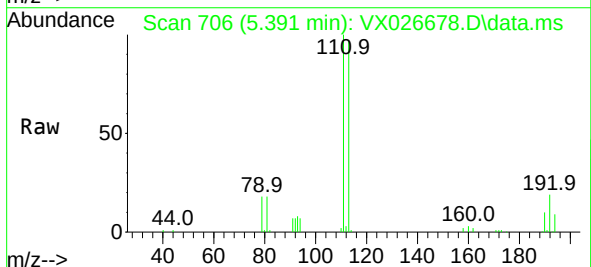
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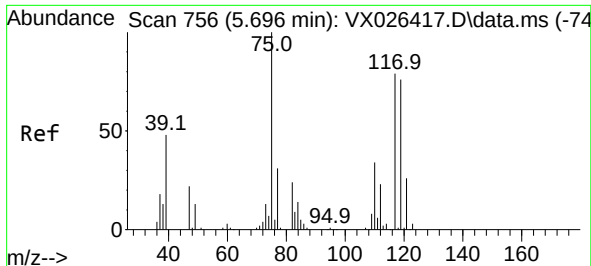
Tgt Ion:114 Resp: 225338
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.298 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Tgt Ion:113 Resp: 68826
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.478 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026678.D

Acq: 31 Jan 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#01

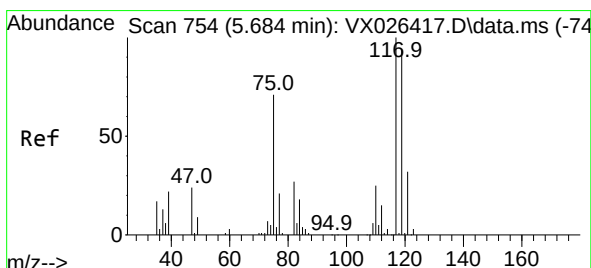
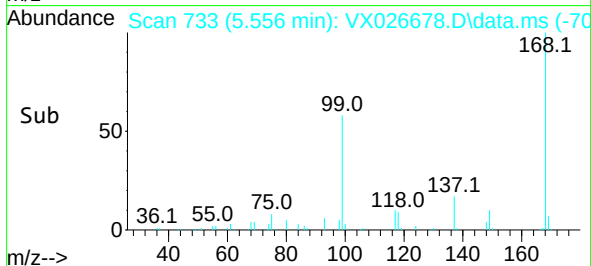
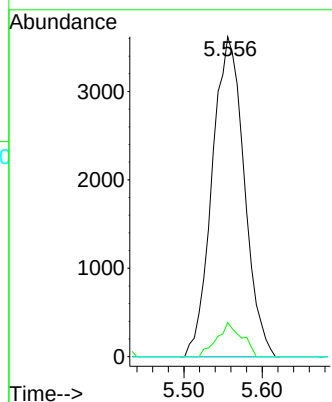
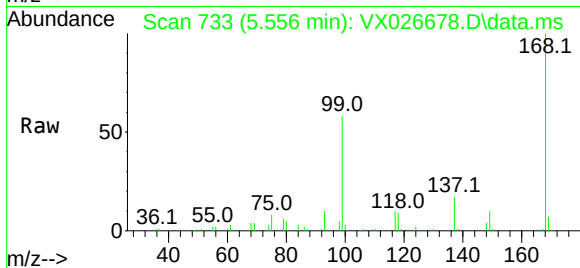
Tgt Ion: 75 Resp: 10286

Ion Ratio Lower Upper

75 100

110 8.2 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.719 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX026678.D

Acq: 31 Jan 2022 14:22

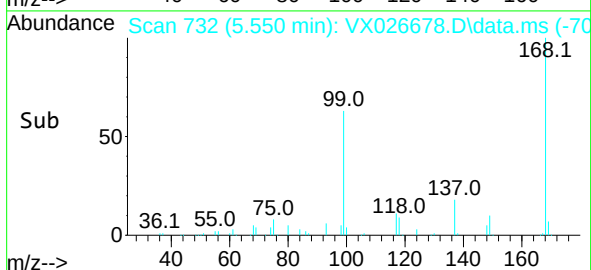
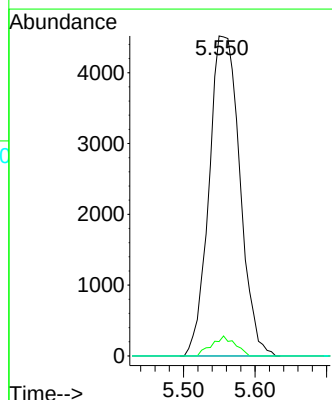
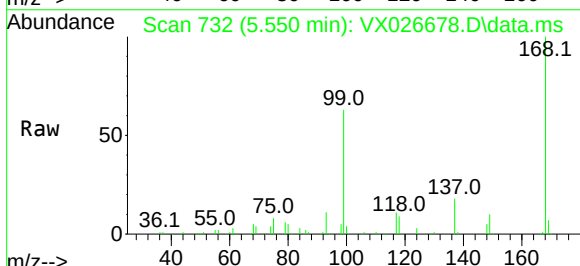
Tgt Ion: 117 Resp: 13513

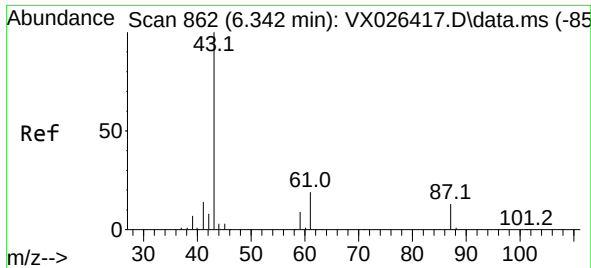
Ion Ratio Lower Upper

117 100

119 4.5 74.7 112.1#

121 0.0 25.4 38.0#

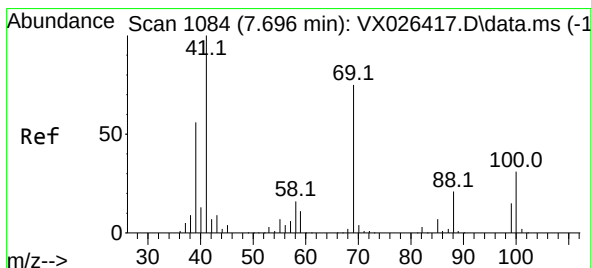
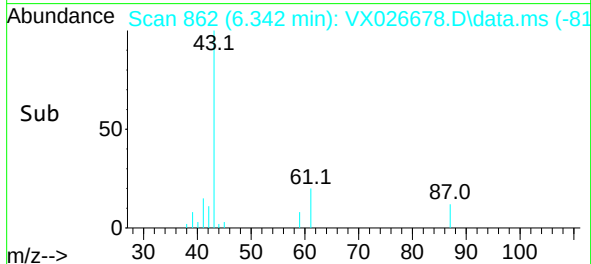
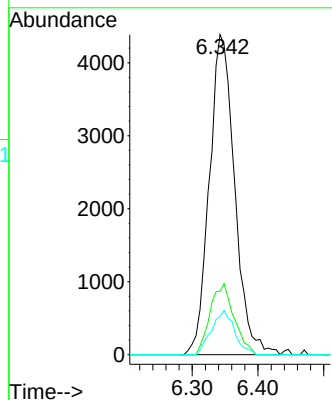
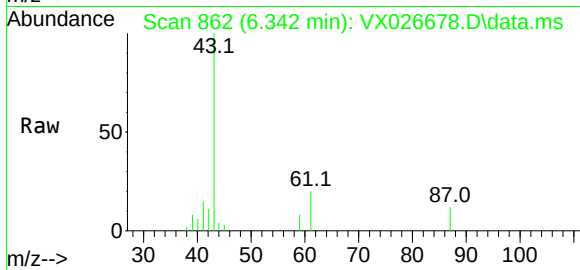




#43
Isopropyl Acetate
Concen: 3.132 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

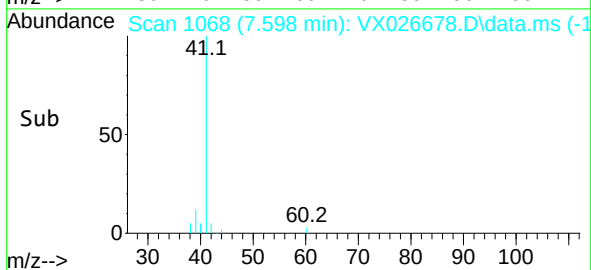
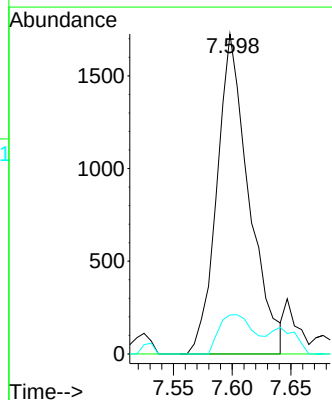
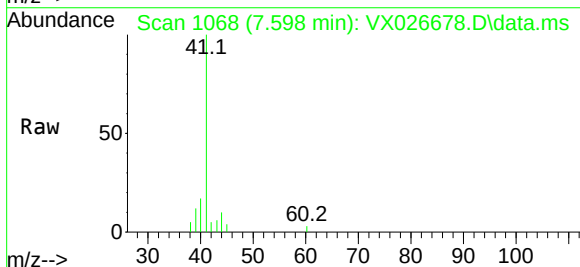
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01

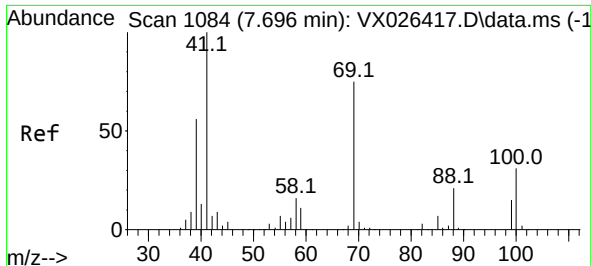
Tgt Ion: 43 Resp: 11755
Ion Ratio Lower Upper
43 100
61 21.0 15.4 23.0
87 12.5 10.2 15.2



#48
Methyl methacrylate
Concen: 1.757 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Tgt Ion: 41 Resp: 3269
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#49

1,4-Dioxane

Concen: 1.540 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026678.D

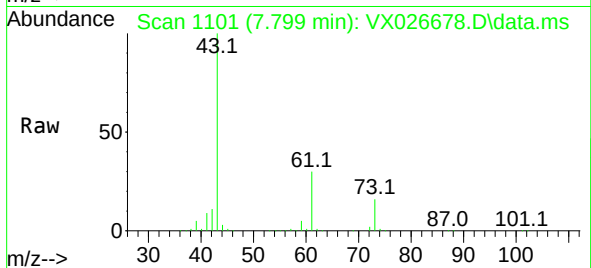
Acq: 31 Jan 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#01



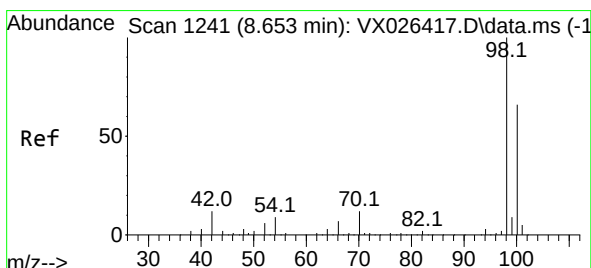
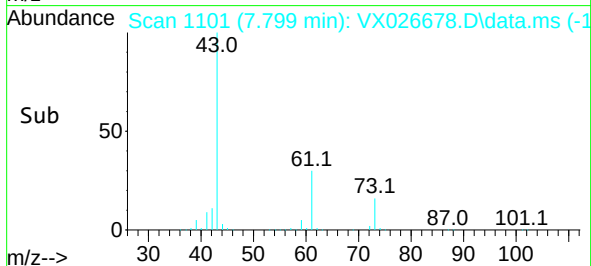
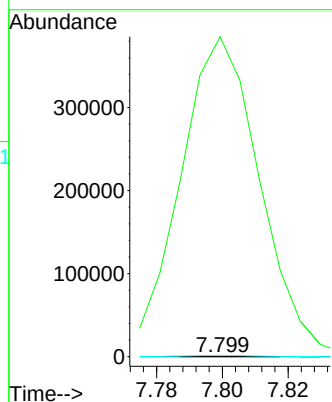
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 1400591.5 29.9 44.9#

58 5576.6 57.8 86.6#



#50

Toluene-d8

Concen: 50.680 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026678.D

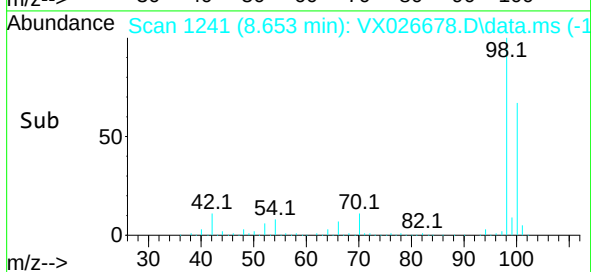
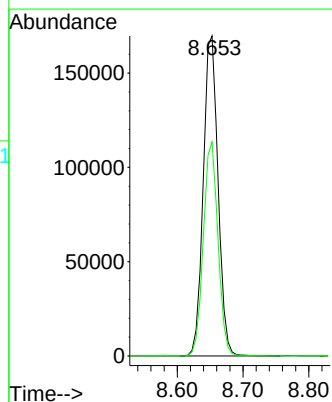
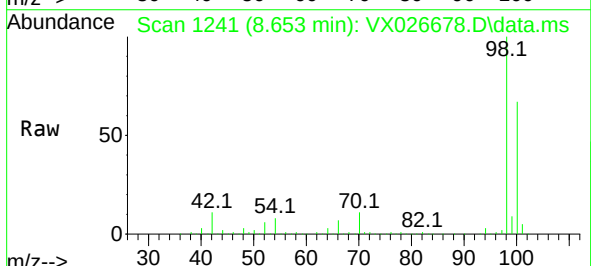
Acq: 31 Jan 2022 14:22

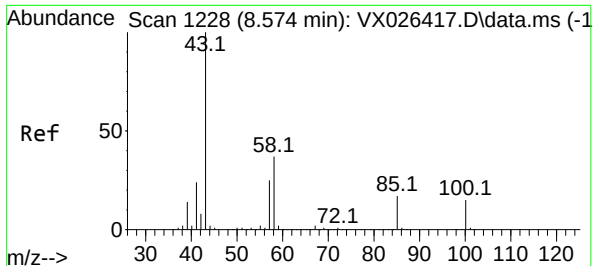
Tgt Ion: 98 Resp: 265757

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8

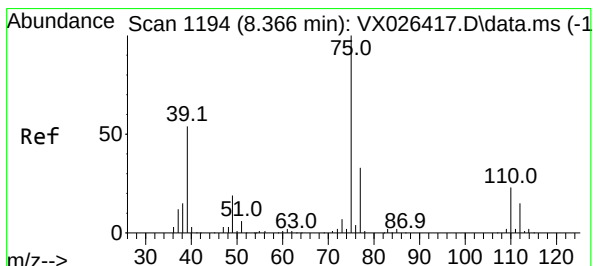
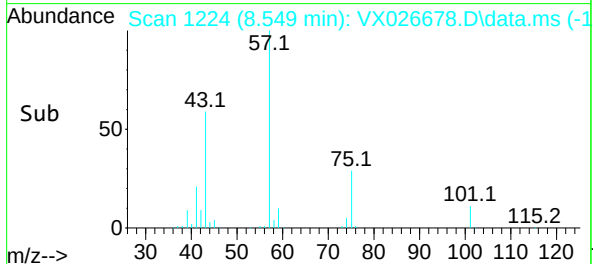
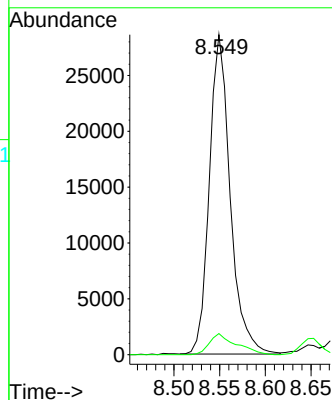
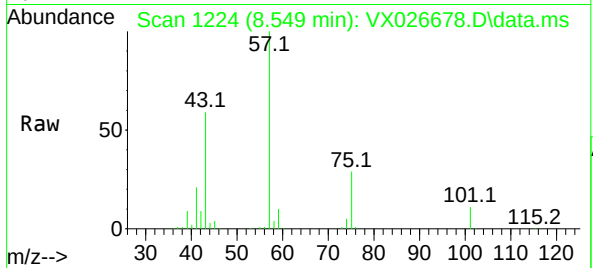




#51
4-Methyl-2-Pentanone
Concen: 20.361 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

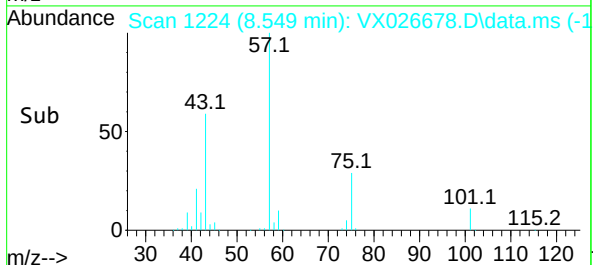
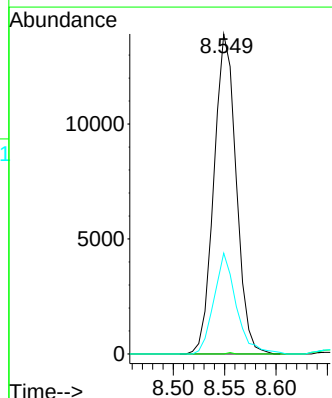
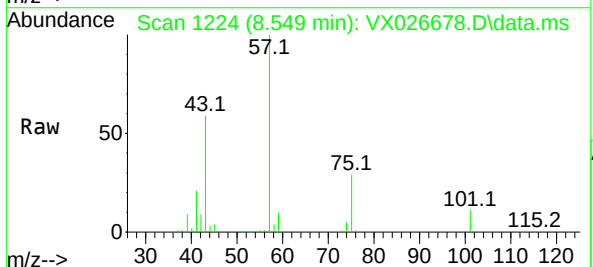
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01

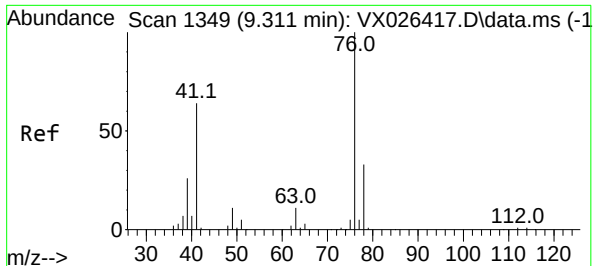
Tgt Ion: 43 Resp: 45332
Ion Ratio Lower Upper
43 100
58 8.5 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.636 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Tgt Ion: 75 Resp: 20938
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 31.5 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.531 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026678.D

Acq: 31 Jan 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

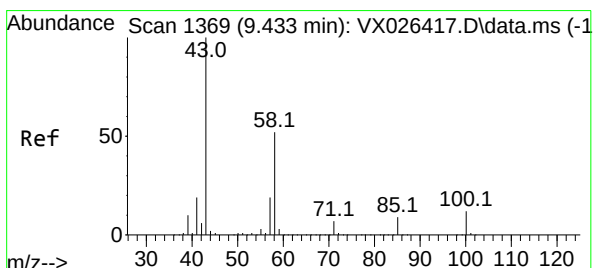
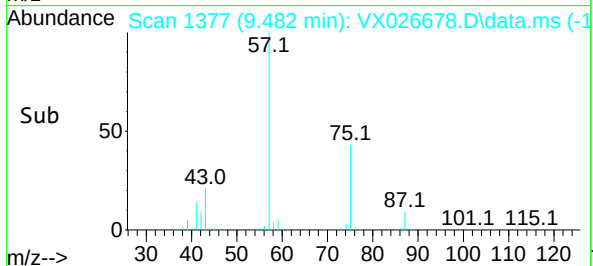
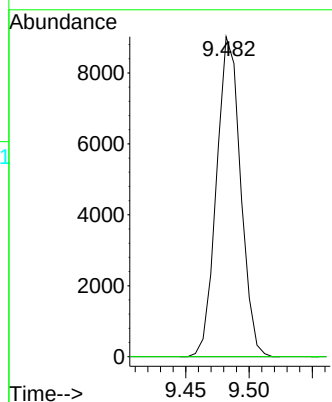
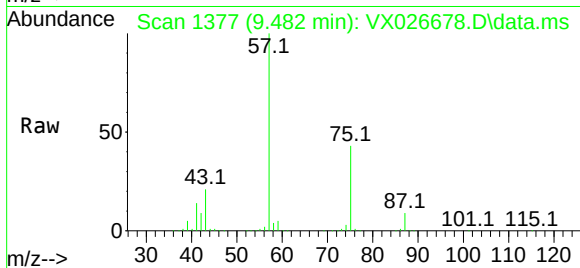
PB142369ZHE#01

Tgt Ion: 76 Resp: 11935

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 97.297 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026678.D

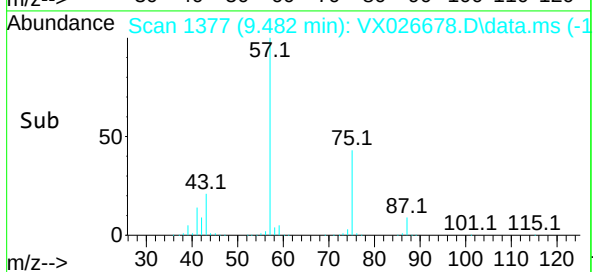
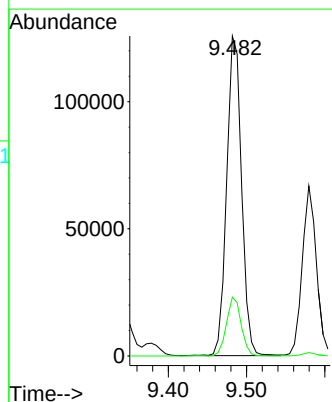
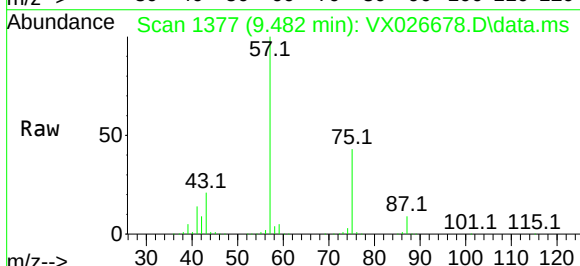
Acq: 31 Jan 2022 14:22

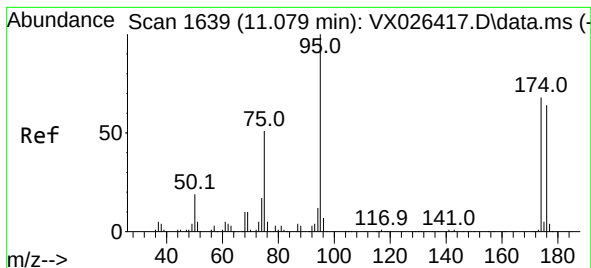
Tgt Ion: 43 Resp: 165800

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

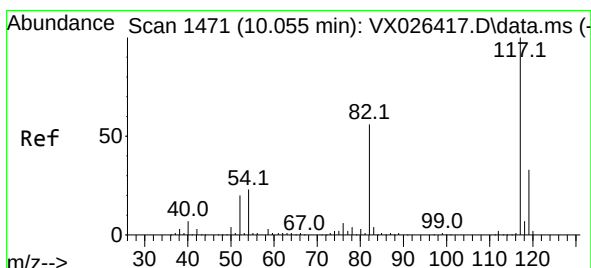
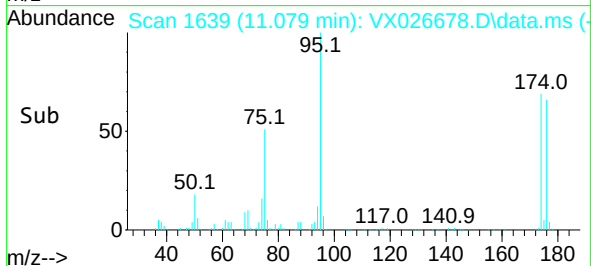
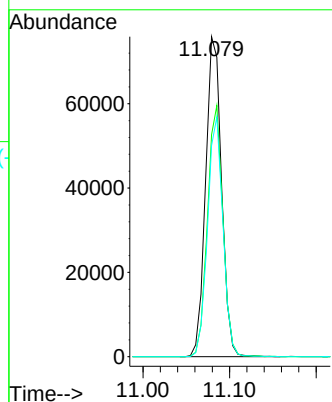
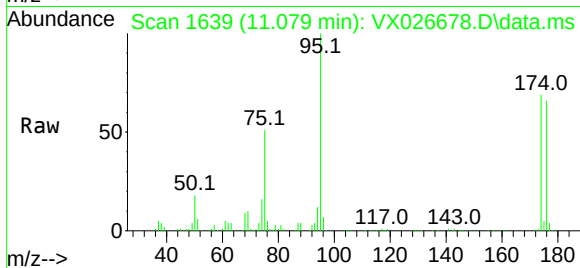




#62
4-Bromofluorobenzene
Concen: 52.023 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

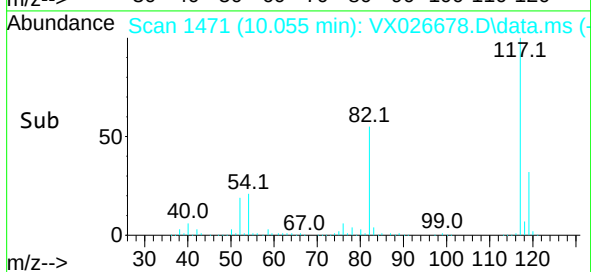
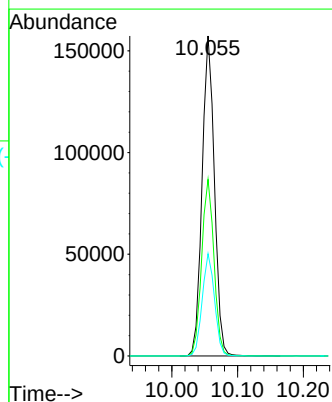
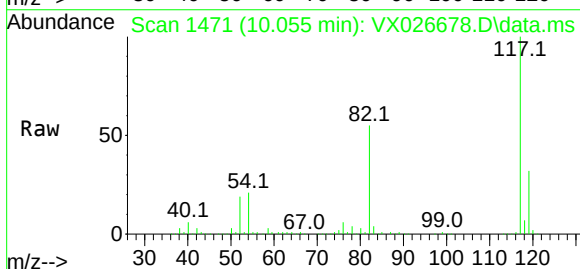
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#01

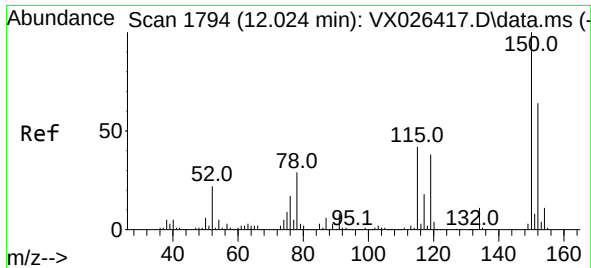
Tgt Ion: 95 Resp: 96908
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026678.D
Acq: 31 Jan 2022 14:22

Tgt Ion: 117 Resp: 204883
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.0 26.2 39.2

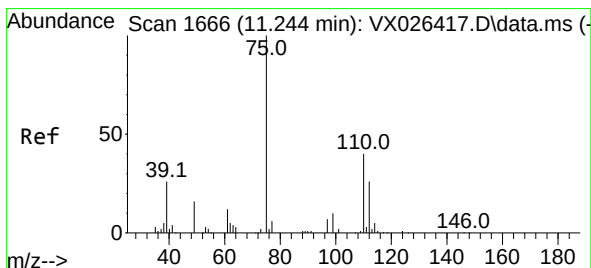
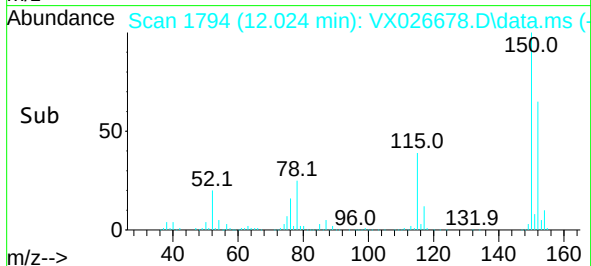
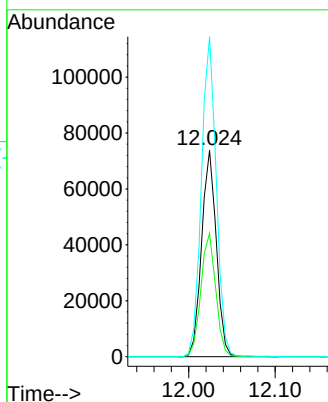
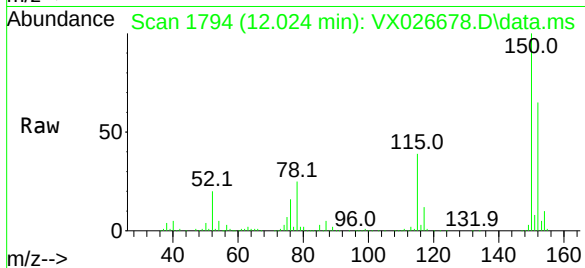




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026678.D
 Acq: 31 Jan 2022 14:22

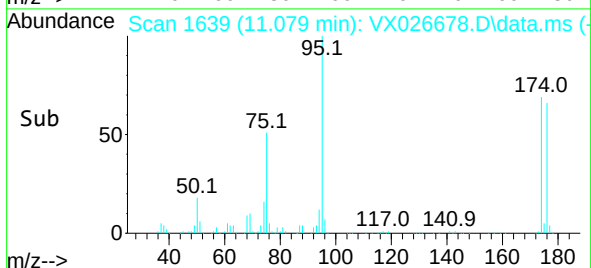
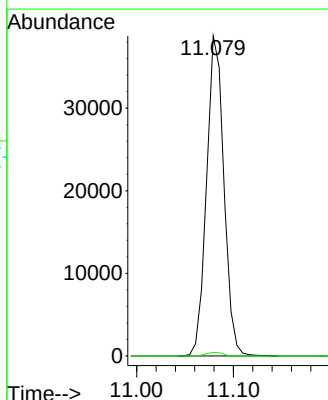
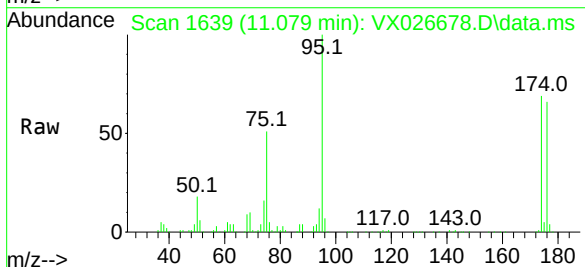
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#01

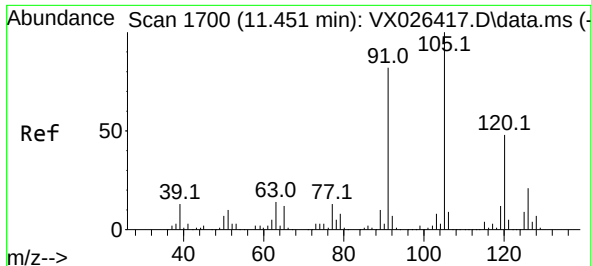
Tgt Ion:152 Resp: 87068
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.2 132.6
 150 156.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.236 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026678.D
 Acq: 31 Jan 2022 14:22

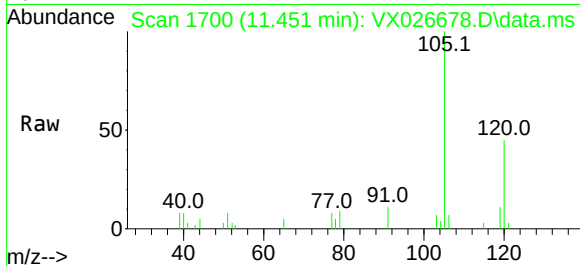
Tgt Ion: 75 Resp: 48379
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#



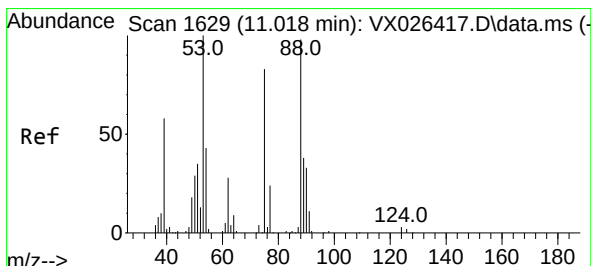
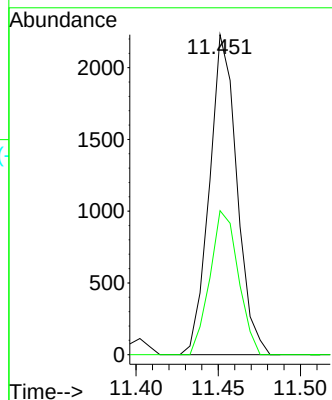
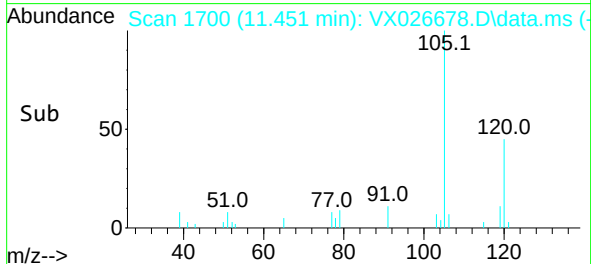


#80
 1,3,5-Trimethylbenzene
 Concen: 0.442 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026678.D
 Acq: 31 Jan 2022 14:22

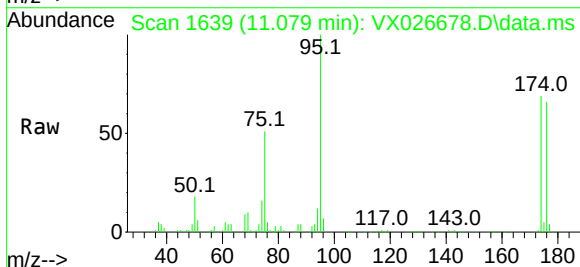
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#01



Tgt Ion:105 Resp: 2598
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.661 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026678.D
 Acq: 31 Jan 2022 14:22



Tgt Ion: 75 Resp: 48379
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

