

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026679.D
 Acq On : 31 Jan 2022 14:45
 Operator : JC/MD
 Sample : PB142369ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#02

Quant Time: Jan 31 15:39:46 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)

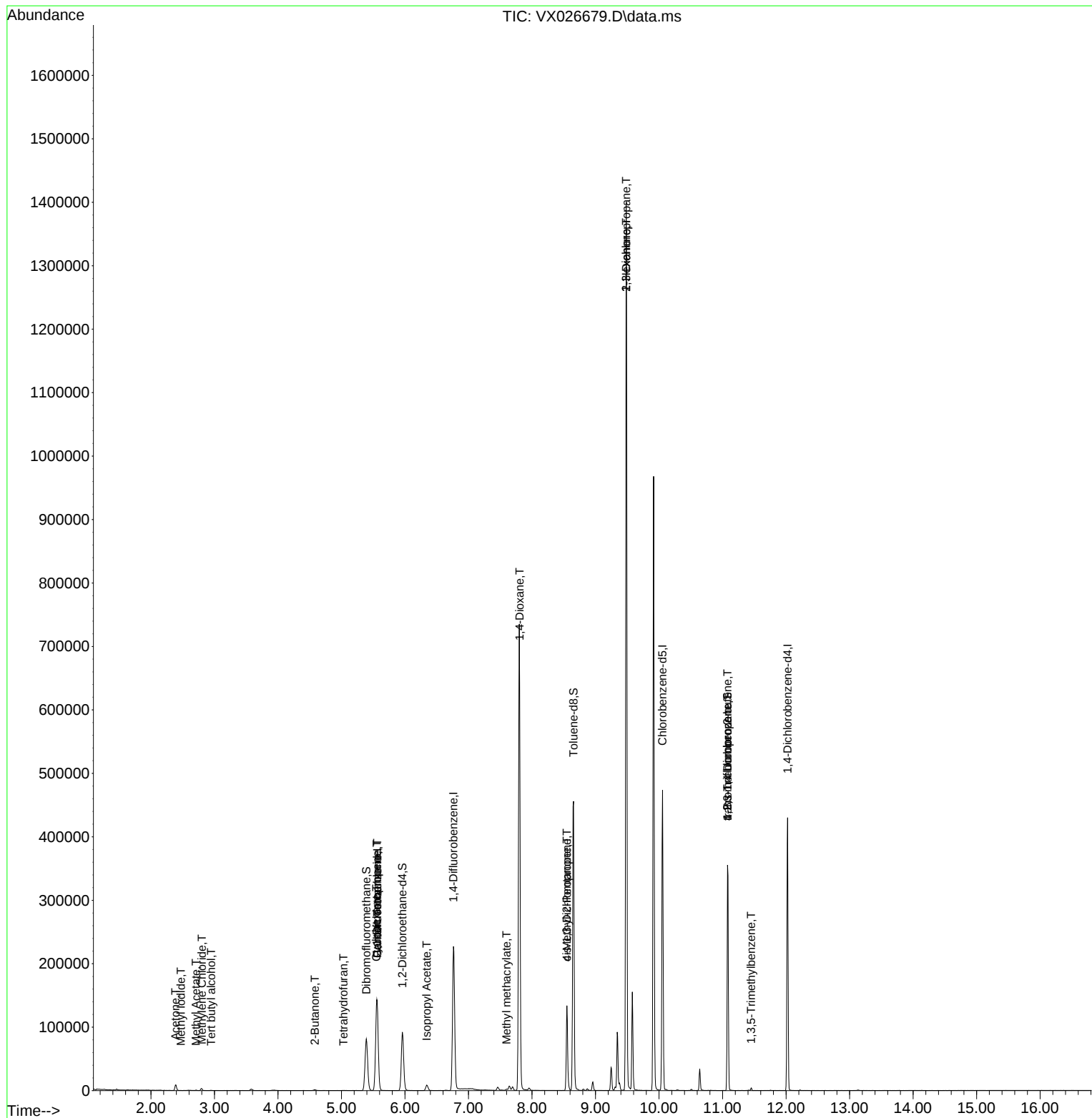
Internal Standards						
1) Pentafluorobenzene	5.562	168	137384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87968	45.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.391	113	72284	48.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.653	98	273468	50.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	11.079	95	97648	51.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	130	4.518	ug/l #	61
11) Tert butyl alcohol	2.947	59	176	0.659	ug/l #	75
16) Acetone	2.386	43	10912	11.150	ug/l	95
18) Methyl Acetate	2.709	43	787	0.404	ug/l	100
20) Methylene Chloride	2.800	84	1501	0.928	ug/l #	84
25) 2-Butanone	4.580	43	2267	1.781	ug/l	92
29) Tetrahydrofuran	5.032	42	222	0.294	ug/l #	34
31) Cyclohexane	5.550	56	2863	1.011	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10531	4.463	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14290	5.887	ug/l #	17
43) Isopropyl Acetate	6.342	43	12042	3.123	ug/l	99
48) Methyl methacrylate	7.598	41	3437	1.799	ug/l #	16
49) 1,4-Dioxane	7.805	88	20	0.638	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	45004	19.677	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	20675	8.301	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	12078	4.463	ug/l #	43
59) 2-Hexanone	9.482	43	168469	96.241	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48497	24.895	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1968	0.329	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	48497	75.692	ug/l #	3

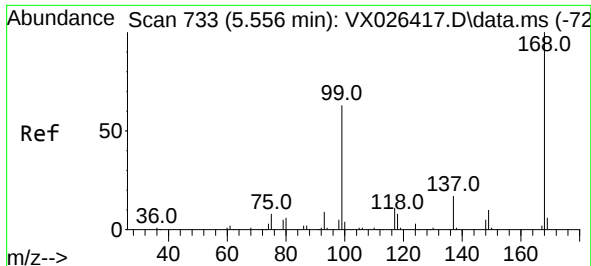
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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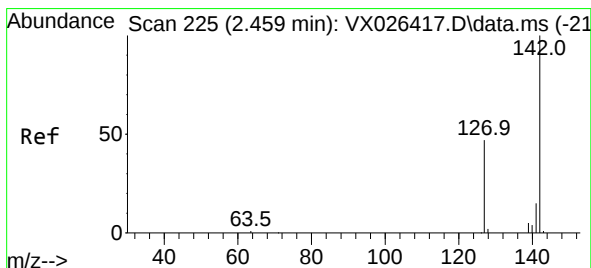
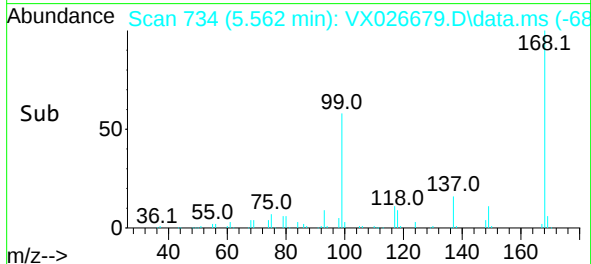
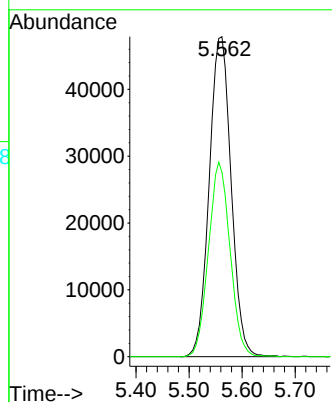
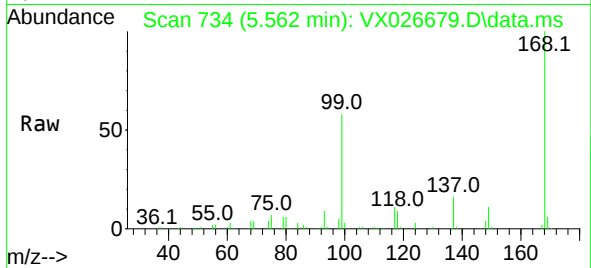




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

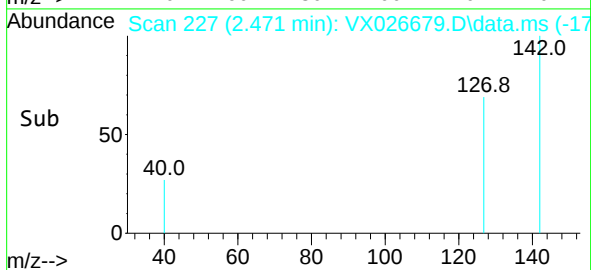
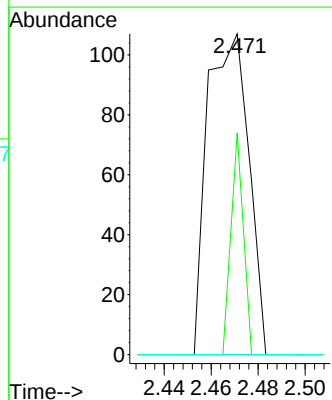
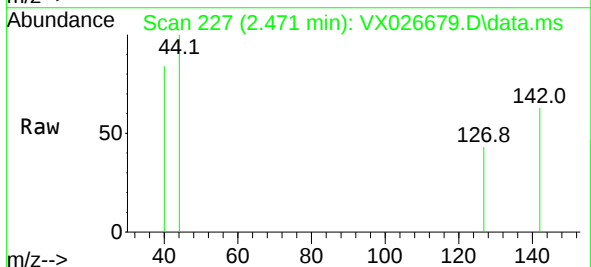
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

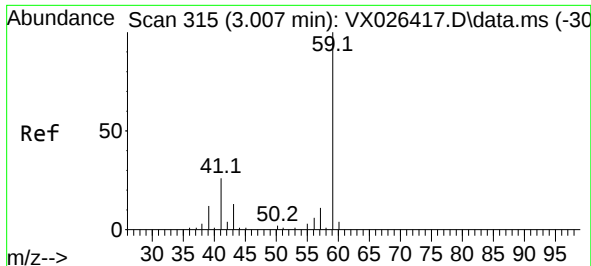
Tgt Ion:168 Resp: 137384
Ion Ratio Lower Upper
168 100
99 57.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.518 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion:142 Resp: 130
Ion Ratio Lower Upper
142 100
127 20.8 38.1 57.1#
141 0.0 11.2 16.8#

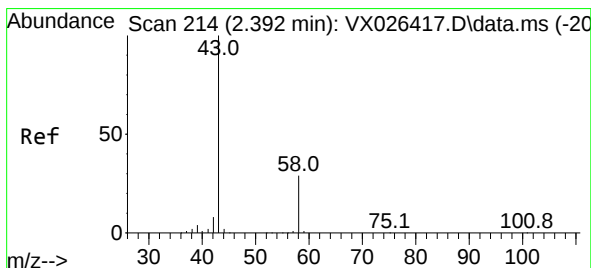
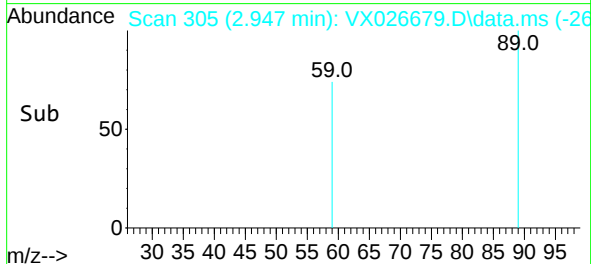
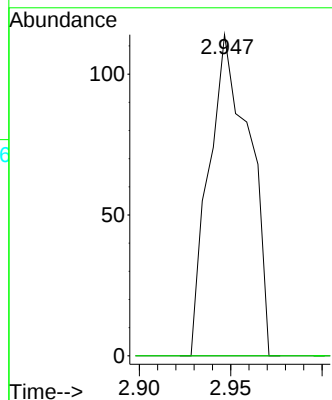
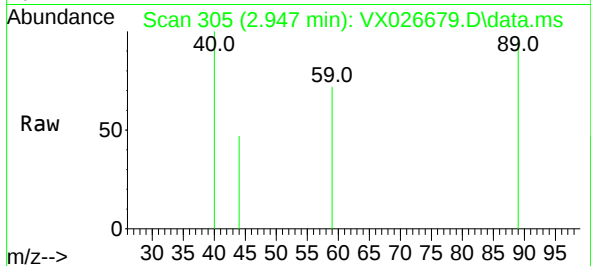




#11
Tert butyl alcohol
Concen: 0.659 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

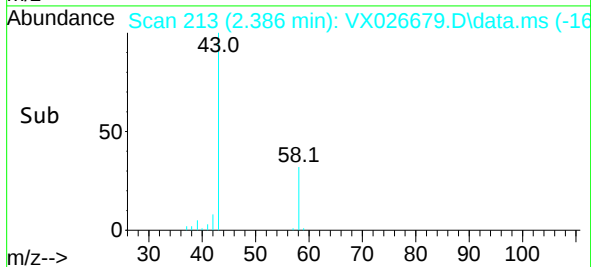
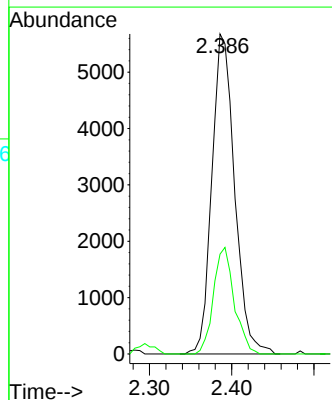
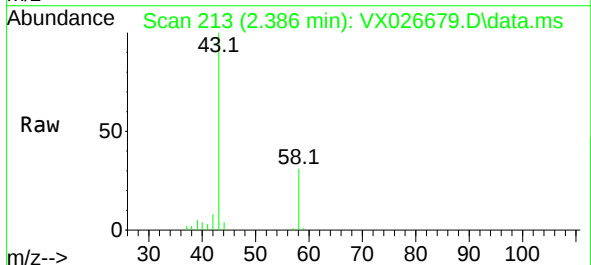
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

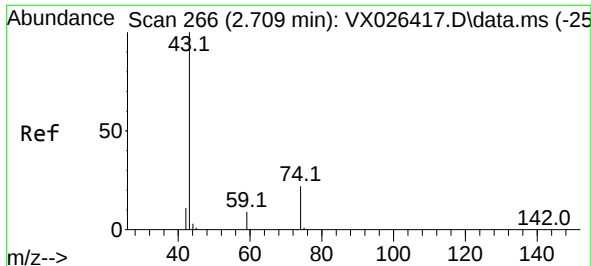
Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 11.150 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 43 Resp: 10912
Ion Ratio Lower Upper
43 100
58 31.2 23.0 34.6

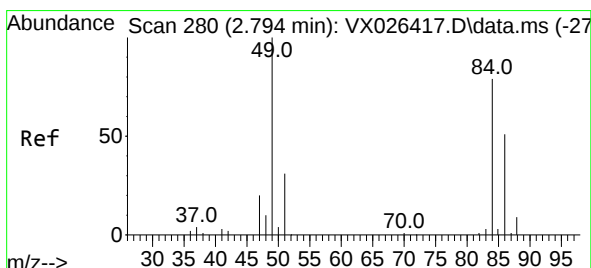
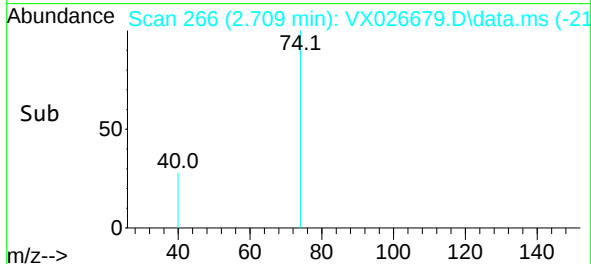
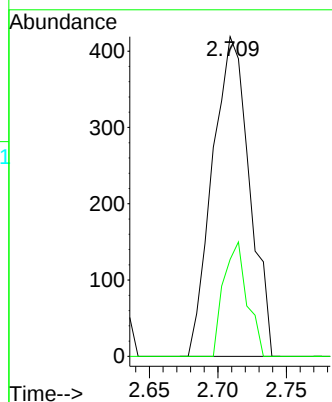
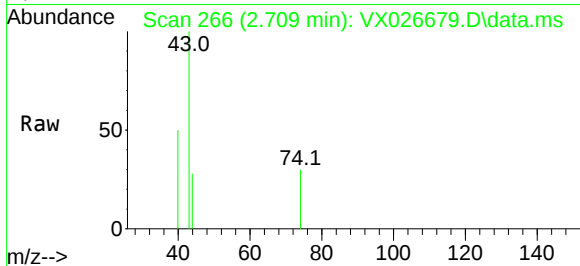




#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

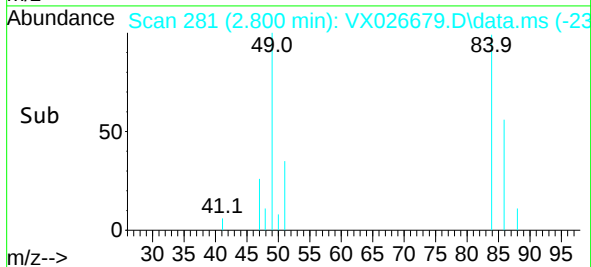
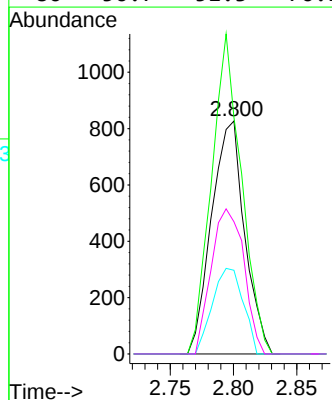
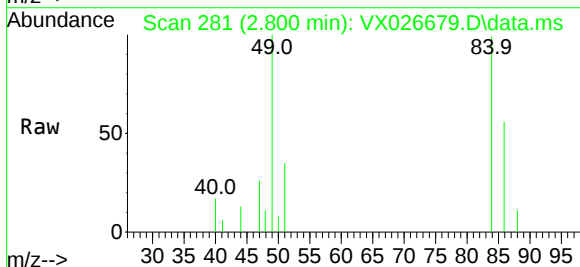
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

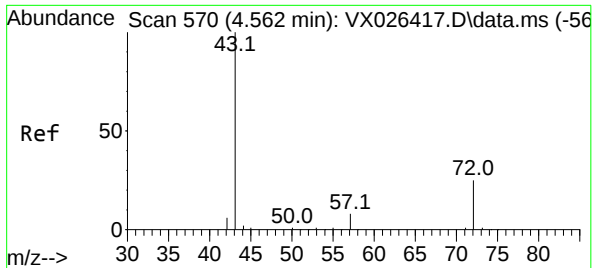
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 0.928 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 84 Resp: 1501
Ion Ratio Lower Upper
84 100
49 101.5 101.5 152.3#
51 35.9 31.2 46.8
86 56.7 51.3 76.9





#25

2-Butanone

Concen: 1.781 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026679.D

Acq: 31 Jan 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

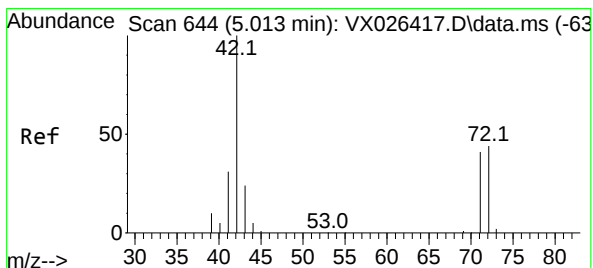
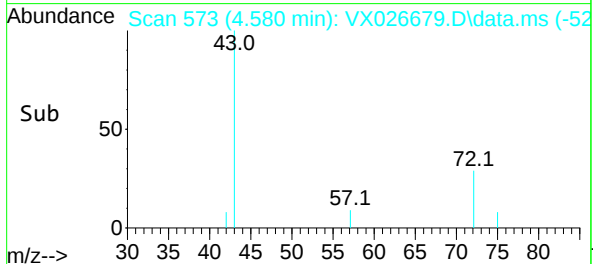
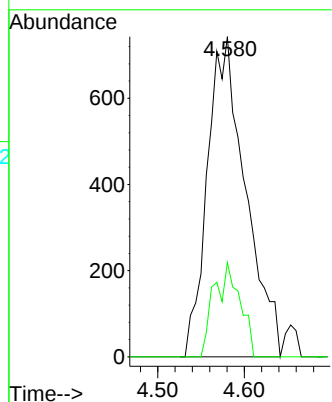
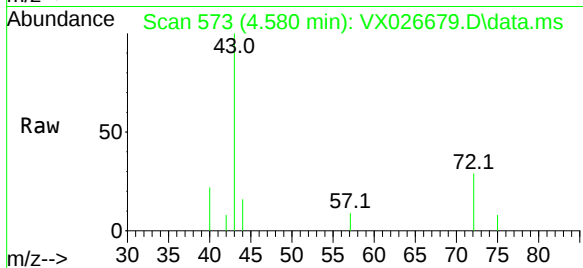
PB142369ZHE#02

Tgt Ion: 43 Resp: 2267

Ion Ratio Lower Upper

43 100

72 29.5 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026679.D

Acq: 31 Jan 2022 14:45

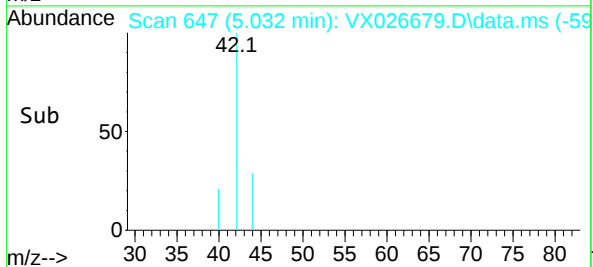
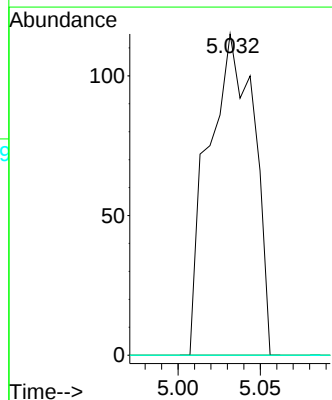
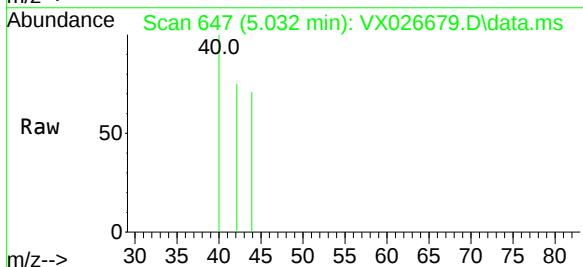
Tgt Ion: 42 Resp: 222

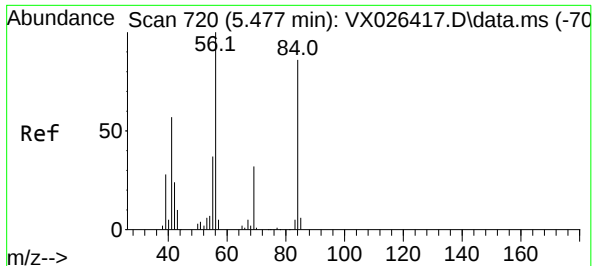
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

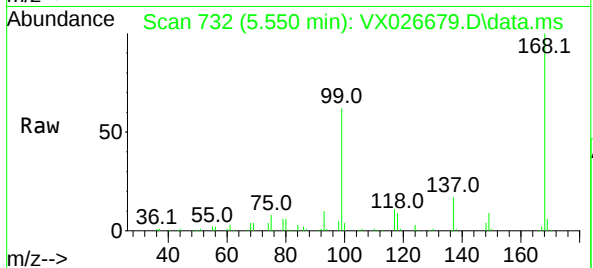
71 0.0 31.8 47.8#



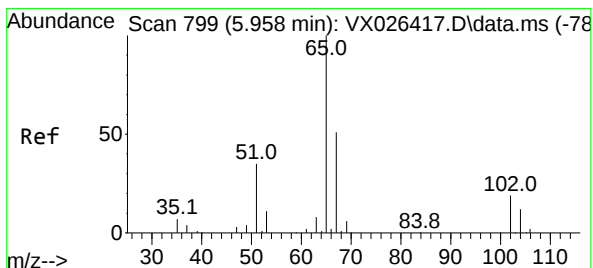
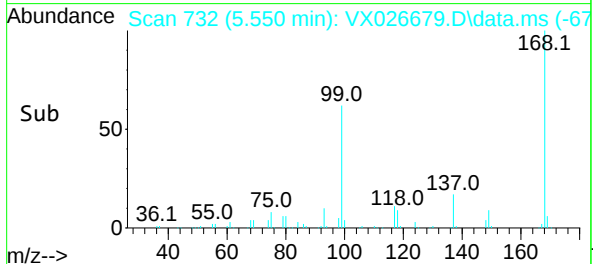
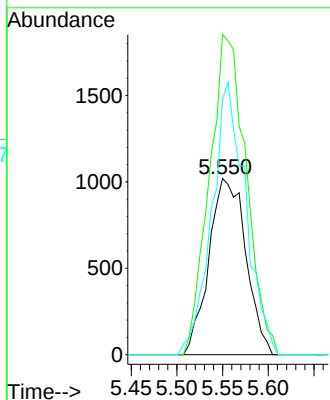


#31
Cyclohexane
Concen: 1.011 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

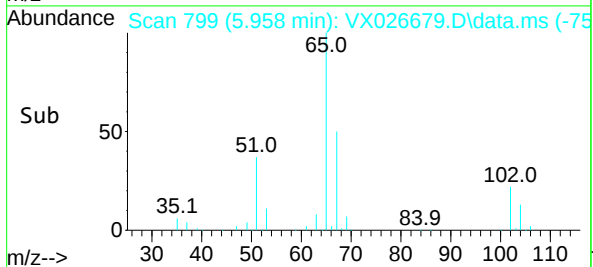
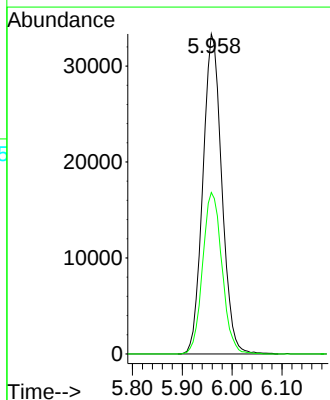
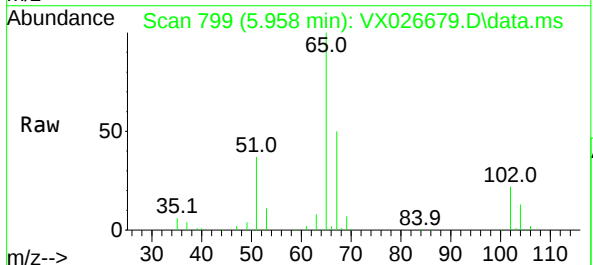


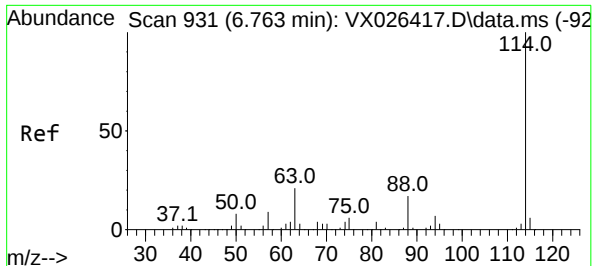
Tgt Ion: 56 Resp: 2863
Ion Ratio Lower Upper
56 100
69 181.7 25.8 38.6#
84 145.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.837 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 65 Resp: 87968
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8

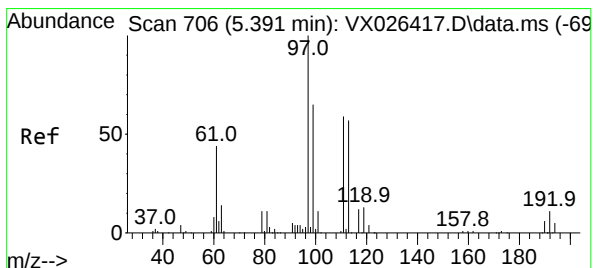
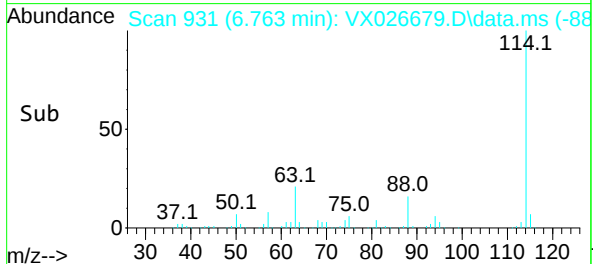
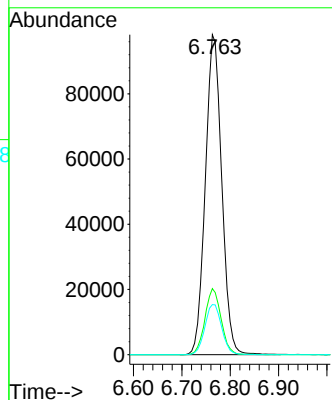
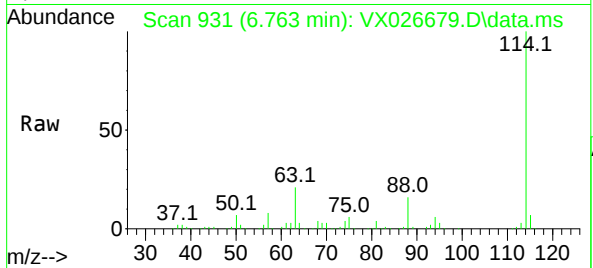




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

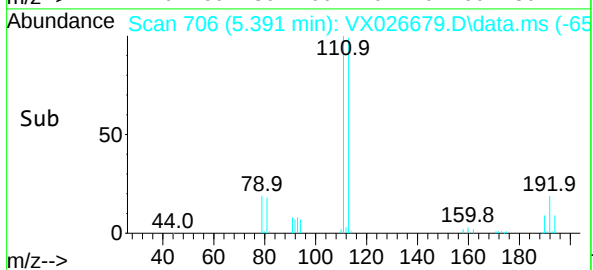
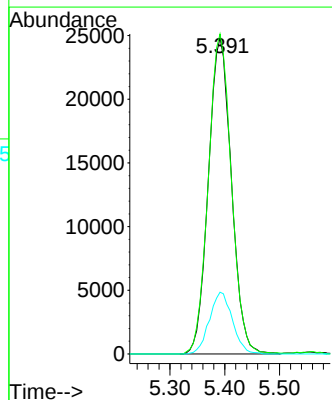
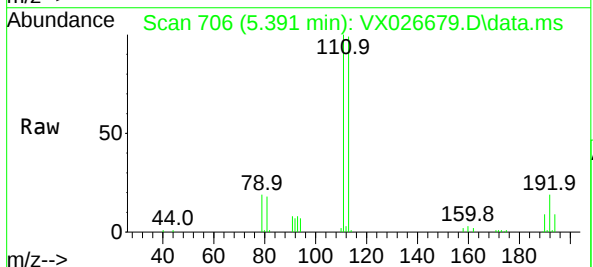
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

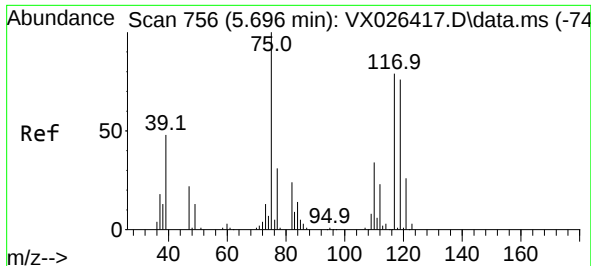
Tgt Ion:114 Resp: 231476
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.357 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion:113 Resp: 72284
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 19.5 15.0 22.4

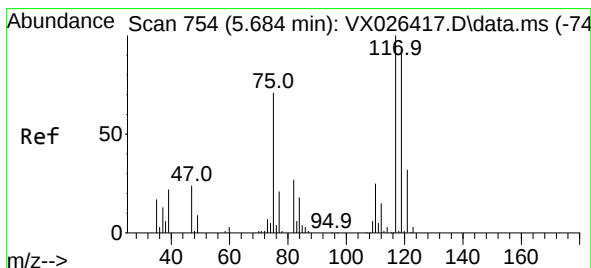
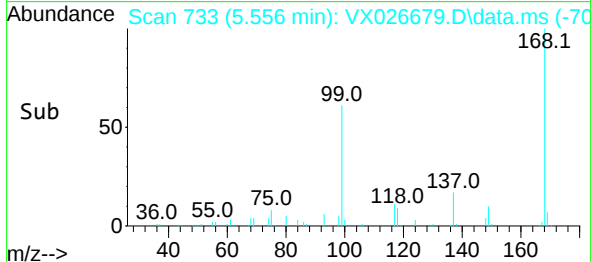
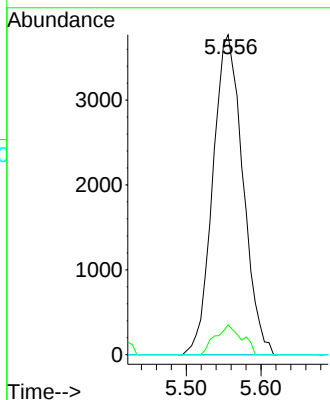
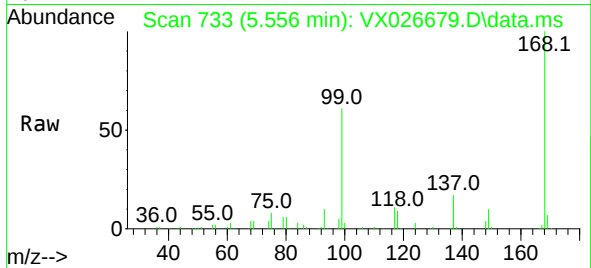




#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

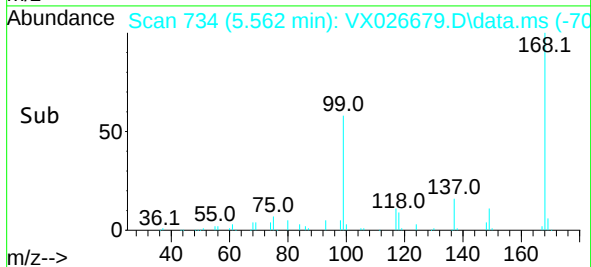
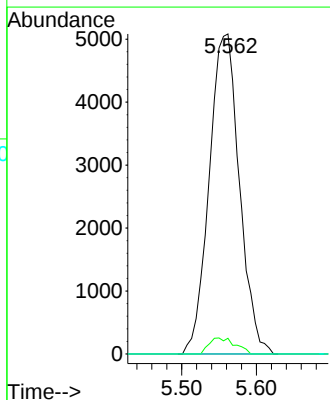
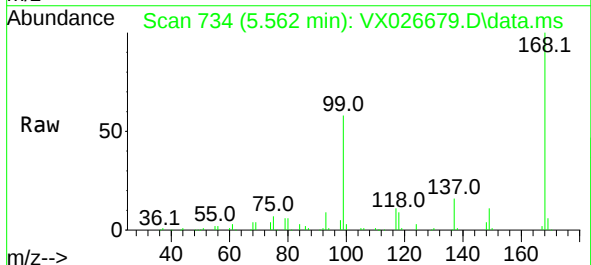
Instrument :
MSVOA_X
ClientSampleId :
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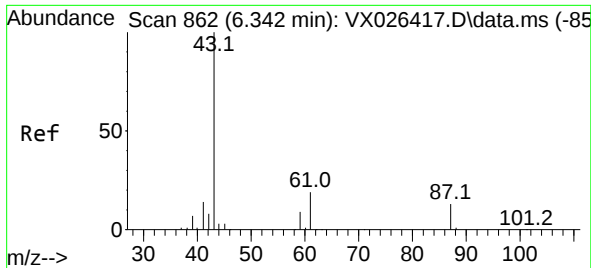
Tgt Ion: 75 Resp: 10531
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 117 Resp: 14290
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#

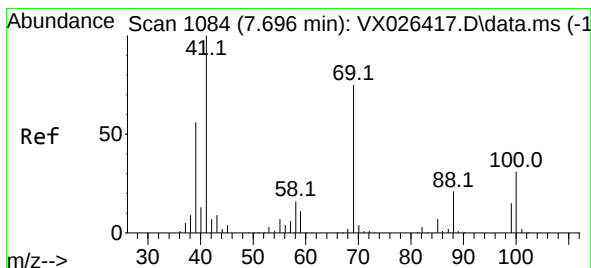
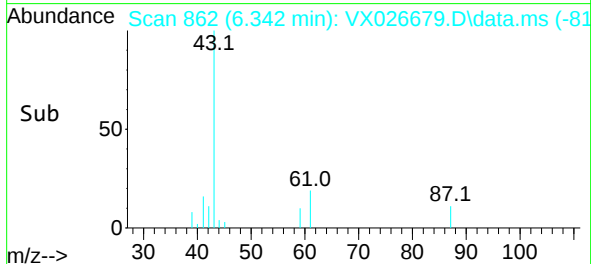
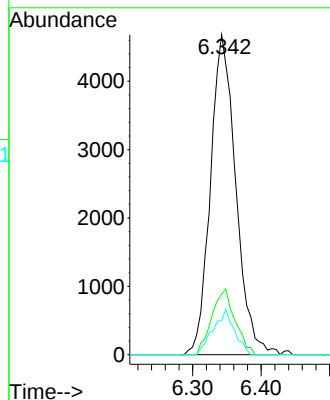
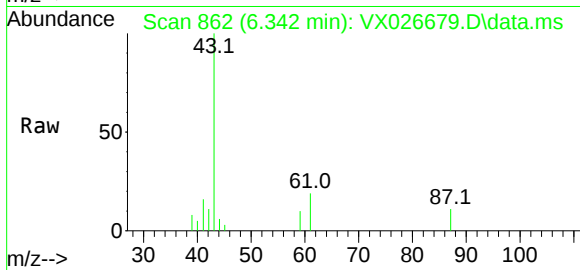




#43
Isopropyl Acetate
Concen: 3.123 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

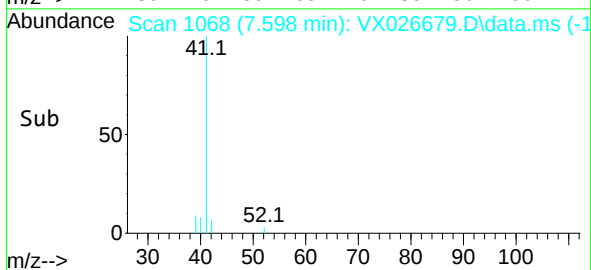
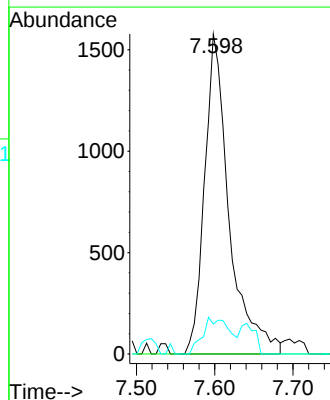
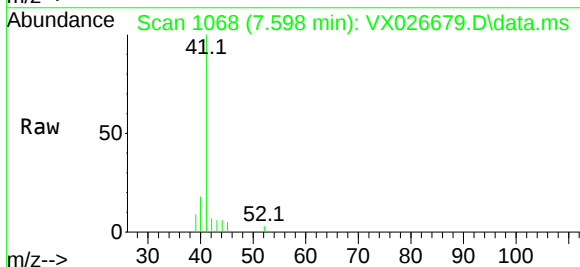
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

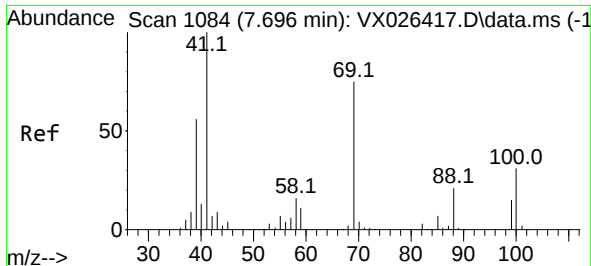
Tgt Ion: 43 Resp: 12042
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 11.8 10.2 15.2



#48
Methyl methacrylate
Concen: 1.799 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 41 Resp: 3437
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: 0.638 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026679.D

Acq: 31 Jan 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#02

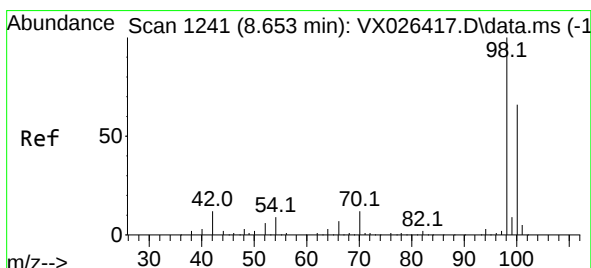
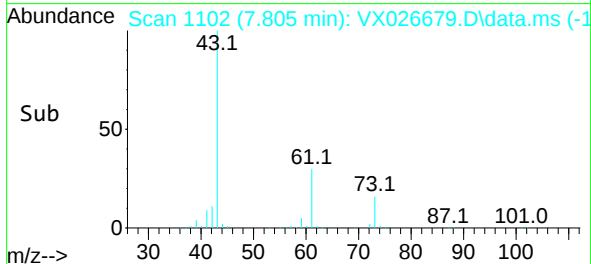
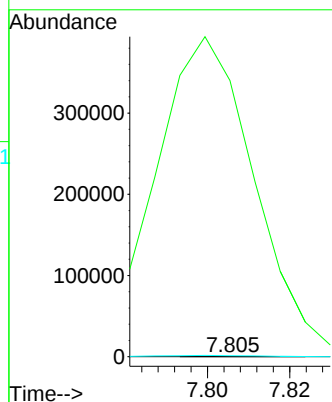
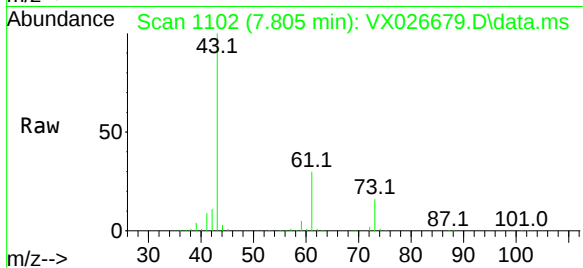
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 3384895.0 29.9 44.9#

58 13485.0 57.8 86.6#



#50

Toluene-d8

Concen: 50.768 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026679.D

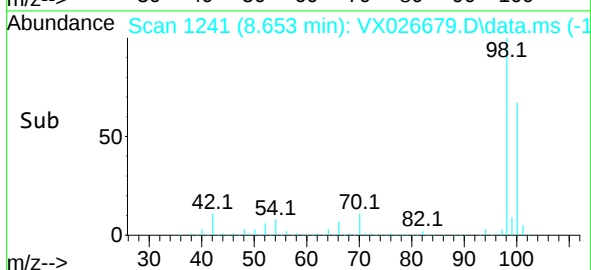
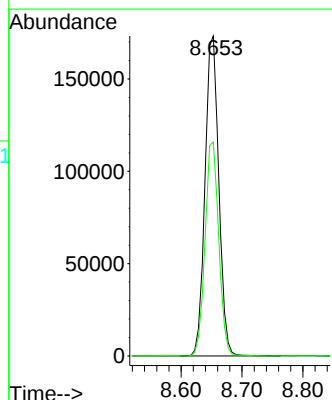
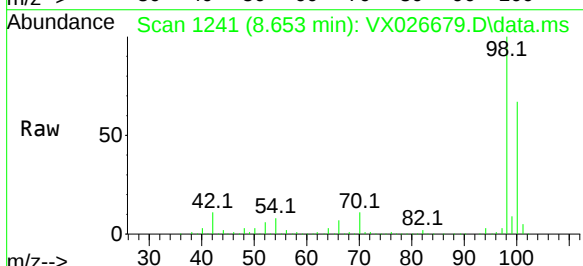
Acq: 31 Jan 2022 14:45

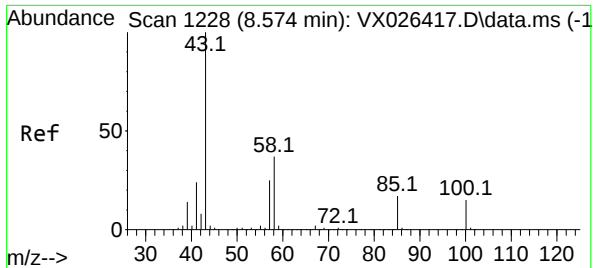
Tgt Ion: 98 Resp: 273468

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8

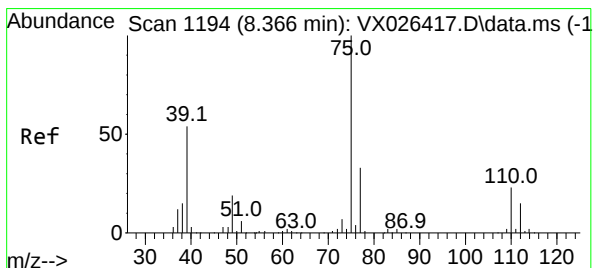
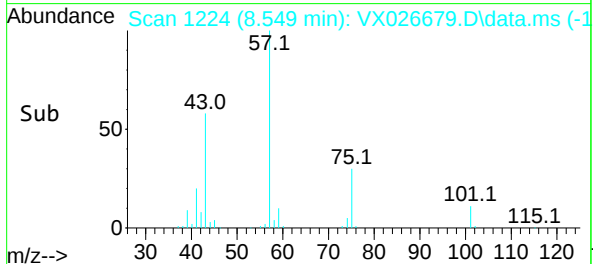
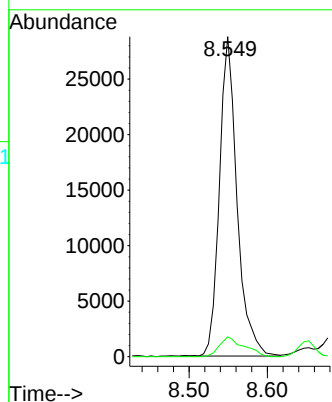
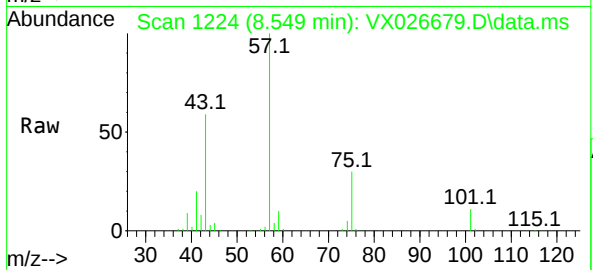




#51
4-Methyl-2-Pentanone
Concen: 19.677 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

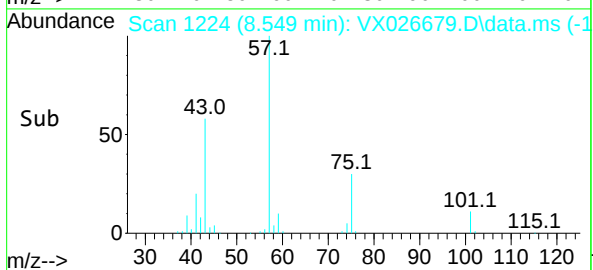
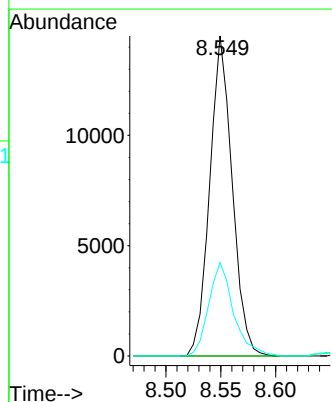
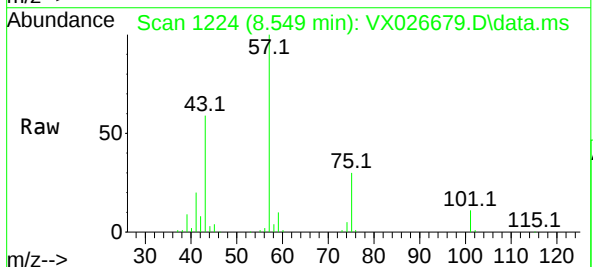
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

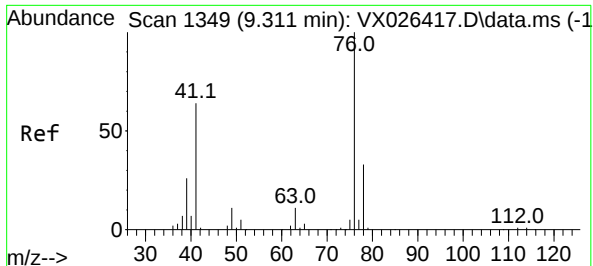
Tgt Ion: 43 Resp: 45004
Ion Ratio Lower Upper
43 100
58 8.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.301 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 75 Resp: 20675
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 29.2 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.463 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026679.D

Acq: 31 Jan 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

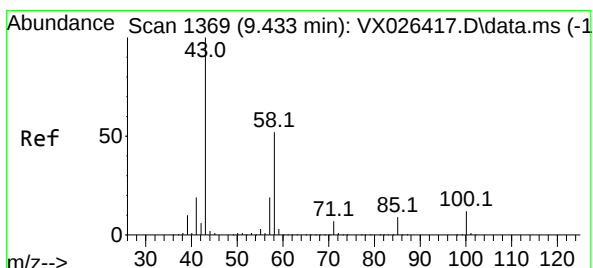
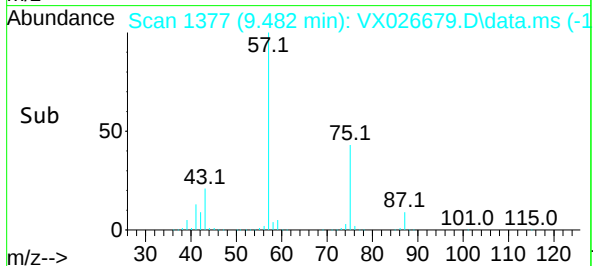
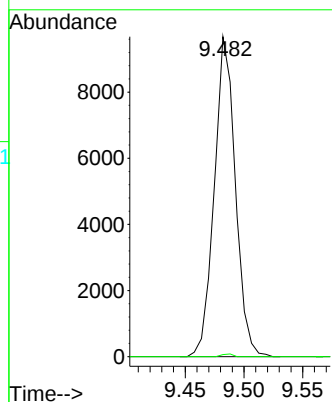
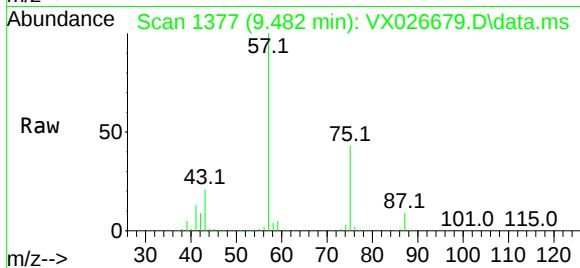
PB142369ZHE#02

Tgt Ion: 76 Resp: 12078

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 96.241 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026679.D

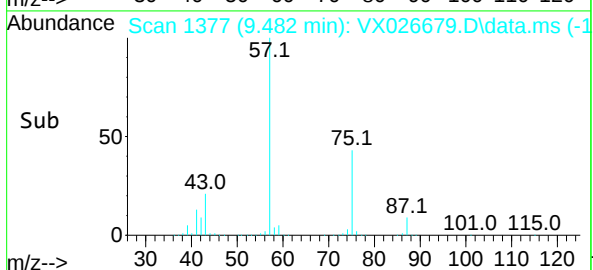
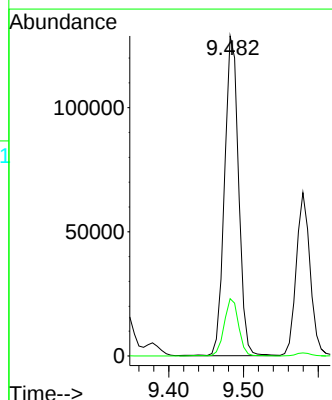
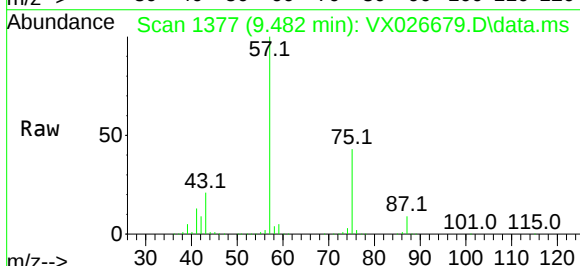
Acq: 31 Jan 2022 14:45

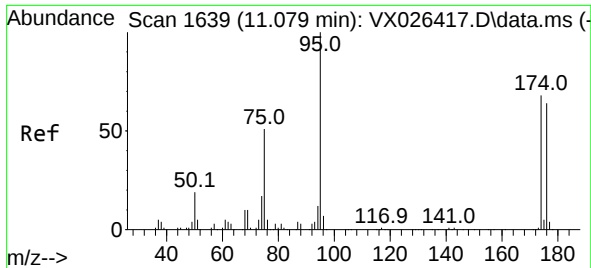
Tgt Ion: 43 Resp: 168469

Ion Ratio Lower Upper

43 100

58 18.4 26.4 79.2#

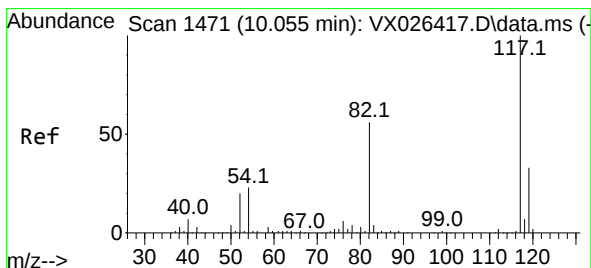
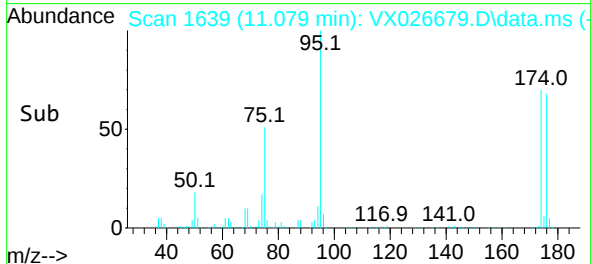
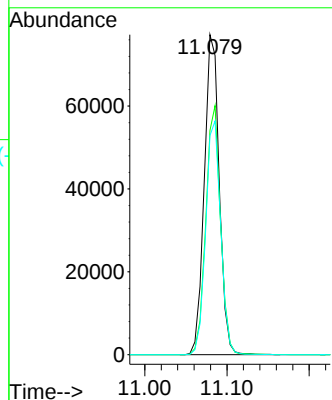
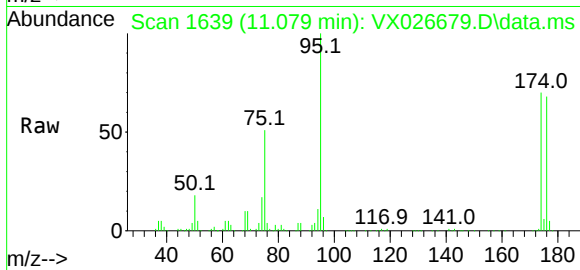




#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

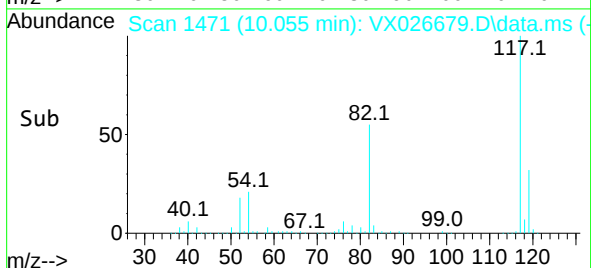
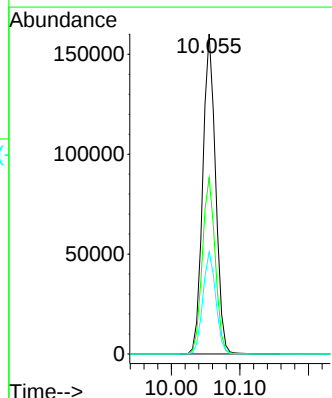
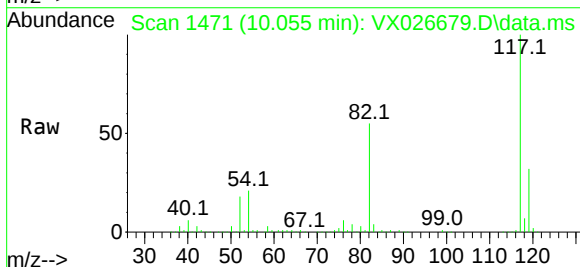
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02

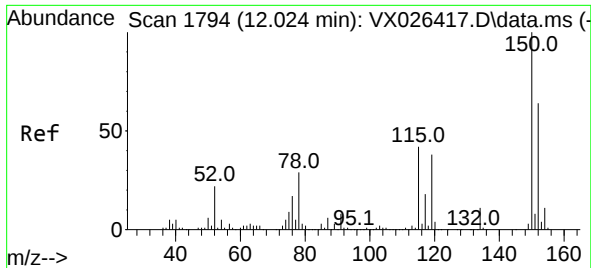
Tgt Ion: 95 Resp: 97648
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.6
176 73.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 117 Resp: 209088
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.9 26.2 39.2

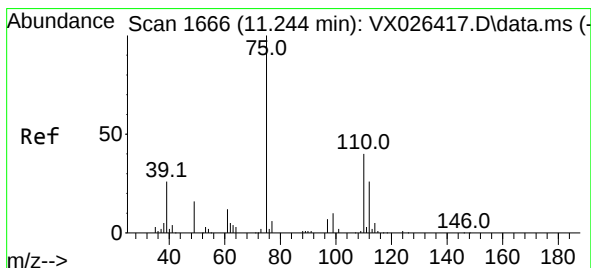
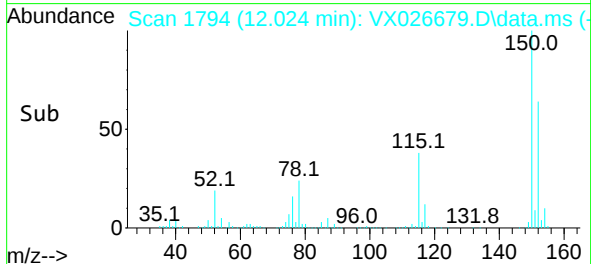
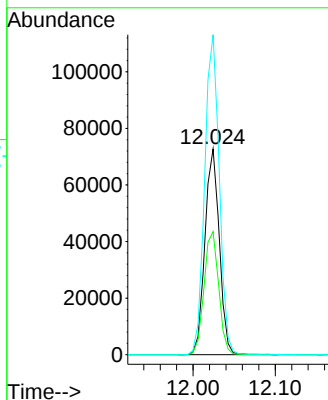
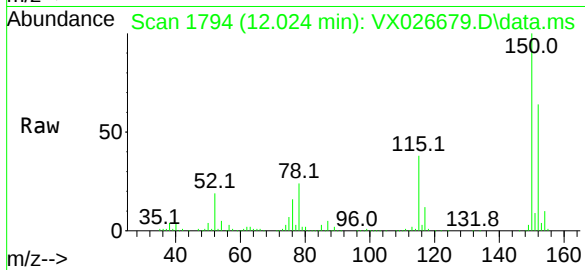




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026679.D
 Acq: 31 Jan 2022 14:45

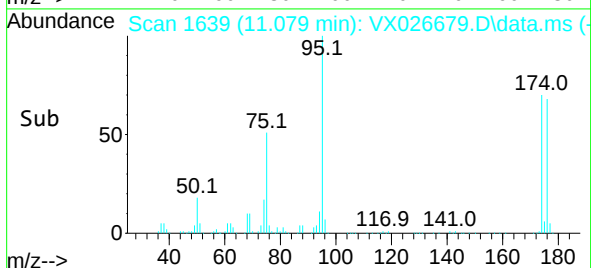
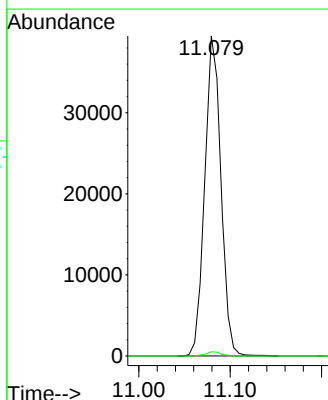
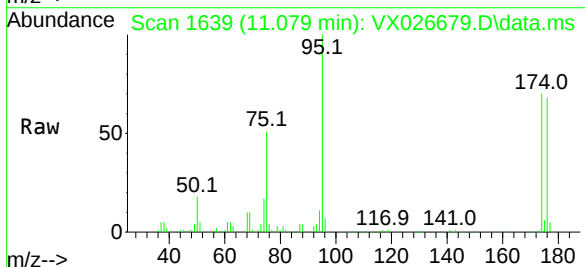
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#02

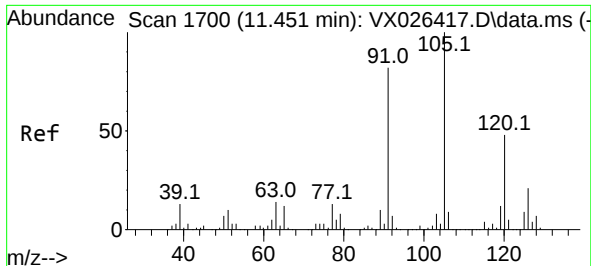
Tgt Ion:152 Resp: 88476
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.2 132.6
 150 157.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.895 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026679.D
 Acq: 31 Jan 2022 14:45

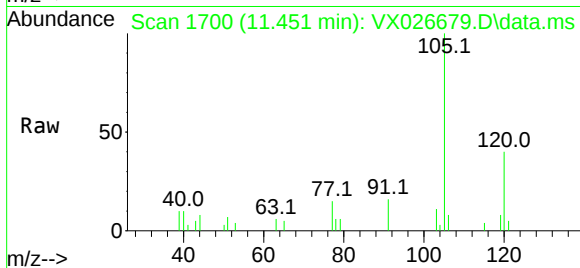
Tgt Ion: 75 Resp: 48497
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.3 54.8#



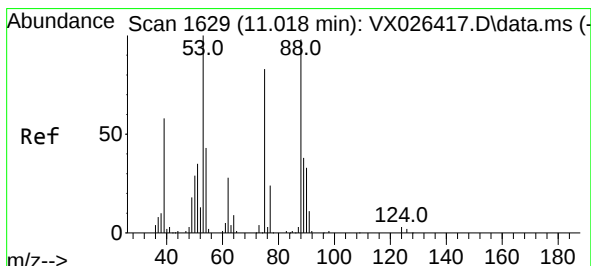
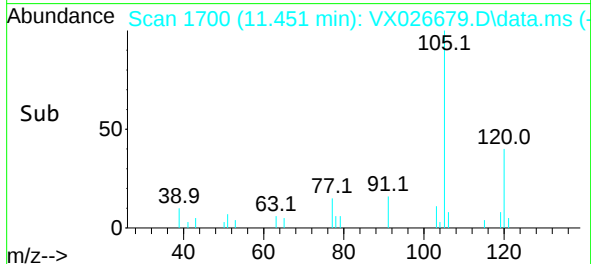
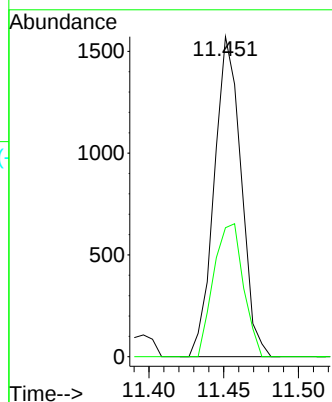


#80
1,3,5-Trimethylbenzene
Concen: 0.329 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#02



Tgt Ion:105 Resp: 1968
Ion Ratio Lower Upper
105 100
120 45.8 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026679.D
Acq: 31 Jan 2022 14:45

Tgt Ion: 75 Resp: 48497
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

