

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022126.D
 Acq On : 21 May 2021 19:24
 Operator : JC/MD
 Sample : PB136366TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136366TB

Quant Time: May 22 04:58:15 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	64242	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	136036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	118820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	52672	53.15	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.30%
35) Dibromofluoromethane	5.397	113	41555	48.17	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.34%
50) Toluene-d8	8.653	98	165583	49.83	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.66%
62) 4-Bromofluorobenzene	11.085	95	57486	46.80	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.60%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	182	0.22	ug/l	# 42
11) Tert butyl alcohol	2.947	59	1304	5.75	ug/l	# 73
13) Acrolein	2.239	56	192	1.28	ug/l	# 67
16) Acetone	2.392	43	15659	36.29	ug/l	95
18) Methyl Acetate	2.715	43	827	0.72	ug/l	# 65
20) Methylene Chloride	2.794	84	7111	7.42	ug/l	93
25) 2-Butanone	4.580	43	2437	3.49	ug/l	93
29) Tetrahydrofuran	5.044	42	385	0.93	ug/l	# 51
31) Cyclohexane	5.562	56	1835	1.47	ug/l	# 30
36) 1,1-Dichloropropene	5.562	75	6020	4.79	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	7427	6.04	ug/l	# 17
43) Isopropyl Acetate	6.355	43	13587	5.39	ug/l	95
48) Methyl methacrylate	7.604	41	3623	3.12	ug/l	# 10
49) 1,4-Dioxane	7.805	88	140	6.19	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	46377	30.70	ug/l	# 46
54) cis-1,3-Dichloropropene	8.555	75	23507	14.13	ug/l	# 61
56) Ethyl methacrylate	9.348	69	377	0.23	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	13052	7.68	ug/l	# 42
59) 2-Hexanone	9.384	43	5186	4.56	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	29907	26.34	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2532	0.78	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	29907	62.41	ug/l	# 12

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

Quant Time: May 22 04:58:15 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

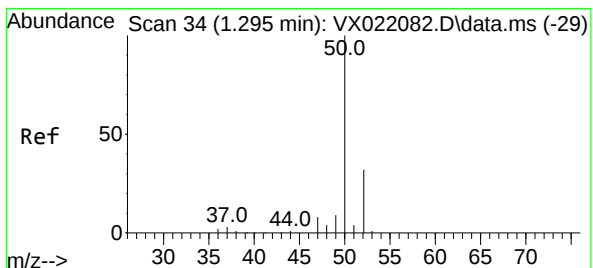
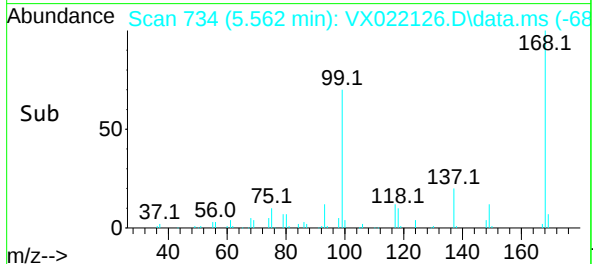
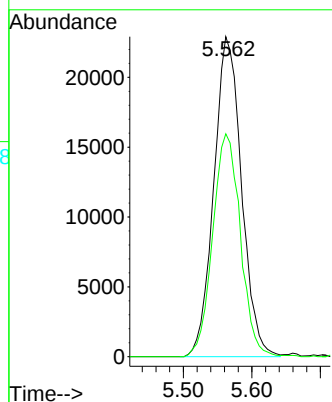
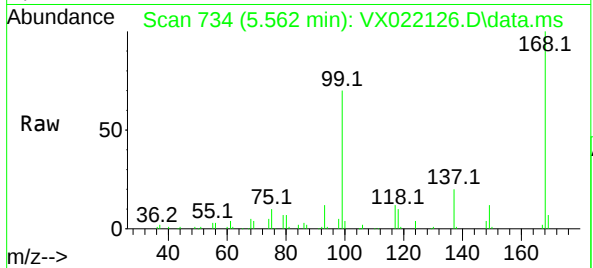




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

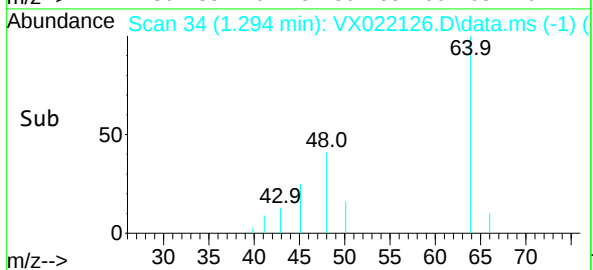
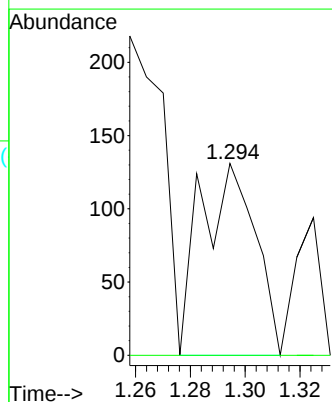
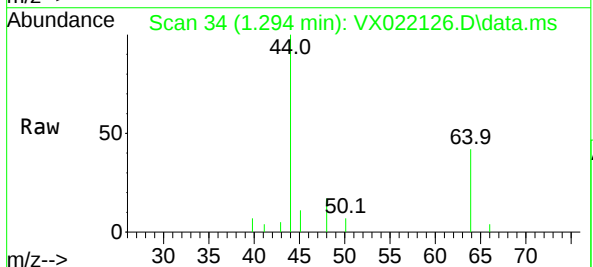
Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

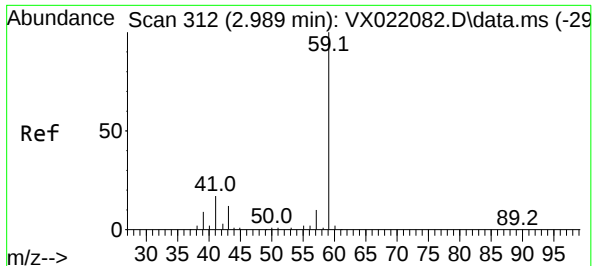
Tgt Ion:168 Resp: 64242
Ion Ratio Lower Upper
168 100
99 69.6 45.8 68.6#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 50 Resp: 182
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



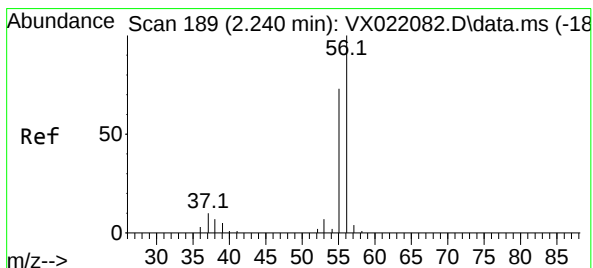
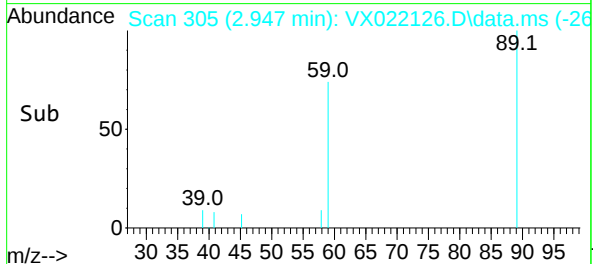
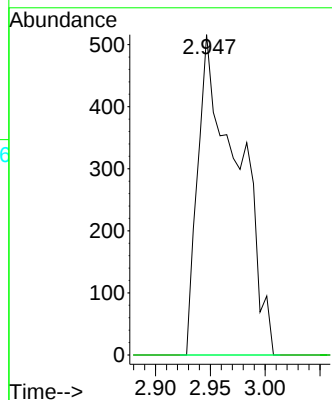
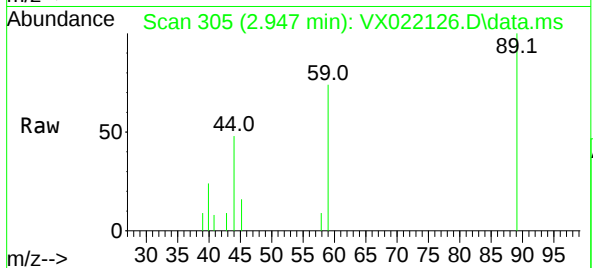


#11

Tert butyl alcohol
Concen: 5.75 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

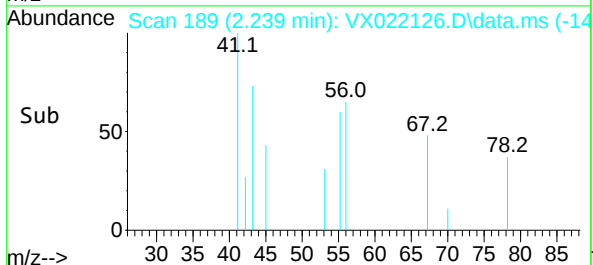
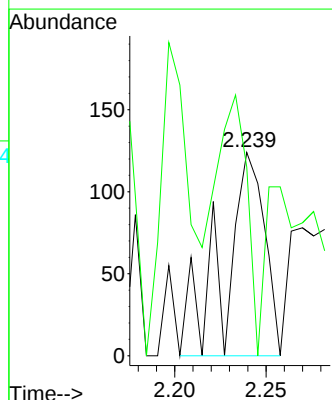
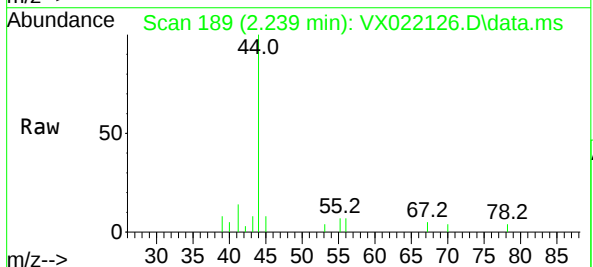
Tgt Ion: 59 Resp: 1304
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

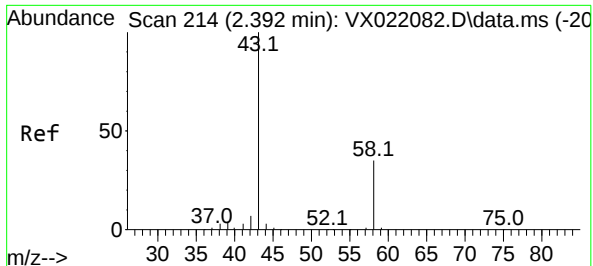


#13

Acrolein
Concen: 1.28 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

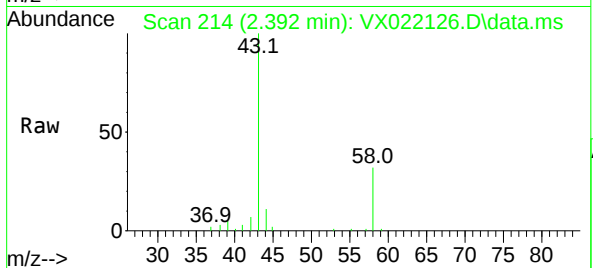
Tgt Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
55 97.9 56.4 84.6#



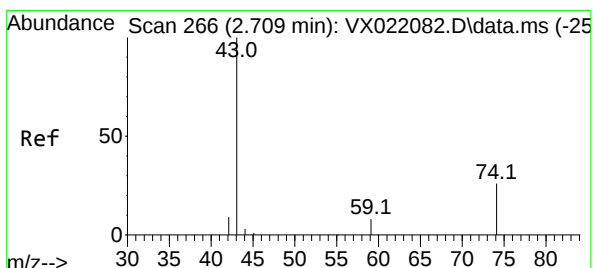
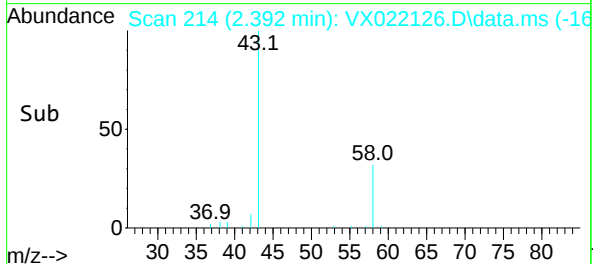
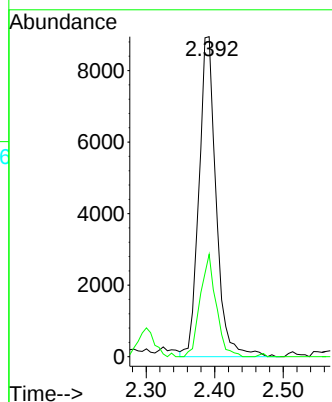


#16
Acetone
Concen: 36.29 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Instrument :
MSVOA_X
ClientSampled :
PB136366TB

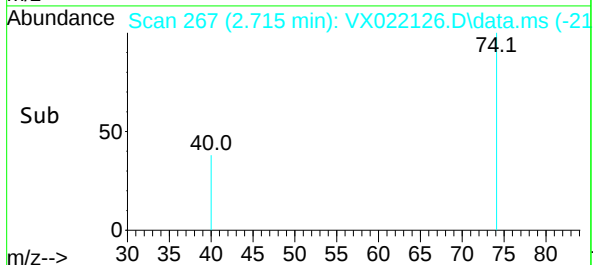
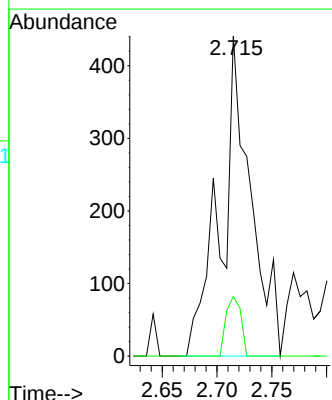
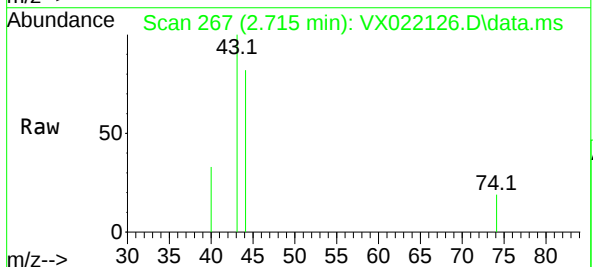


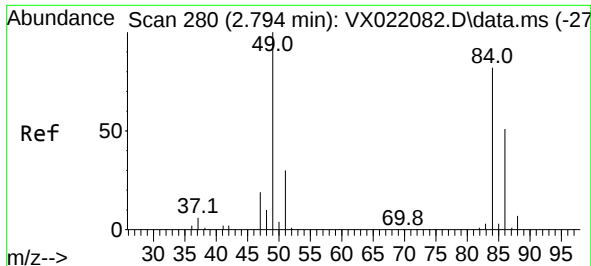
Tgt Ion: 43 Resp: 15659
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.72 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

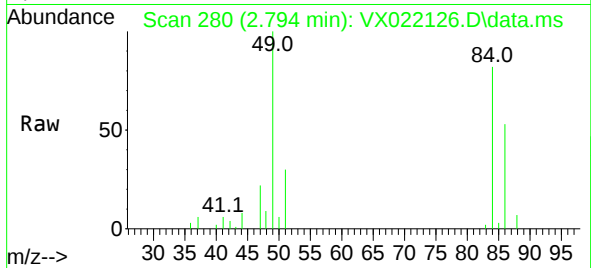
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
74 9.3 21.9 32.9#



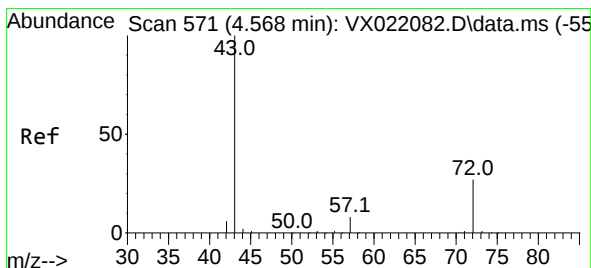
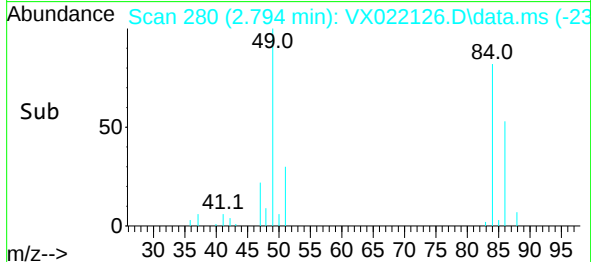
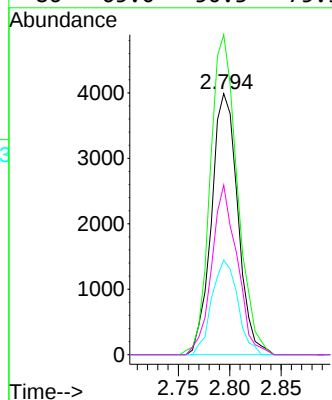


#20
Methylene Chloride
Concen: 7.42 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

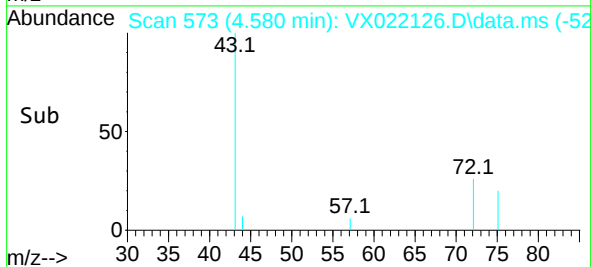
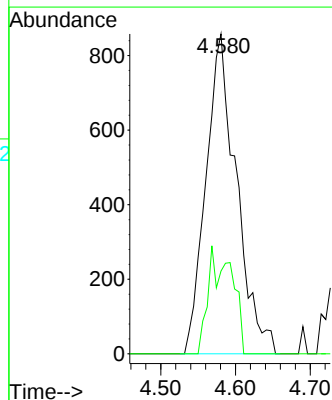
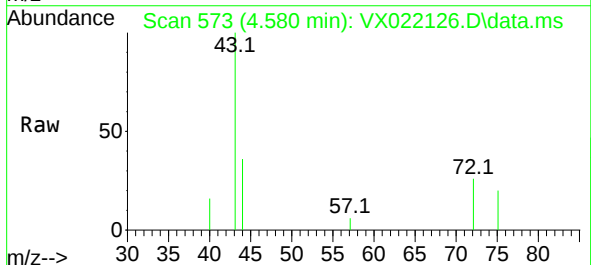


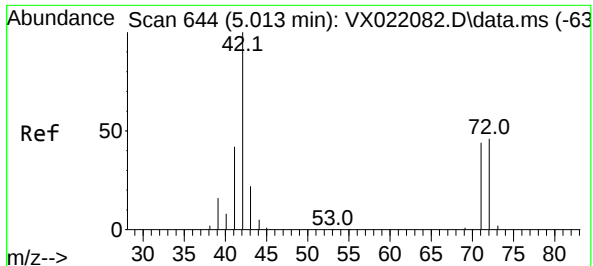
Tgt Ion:	84	Resp:	7111
Ion	Ratio	Lower	Upper
84	100		
49	122.6	88.6	132.8
51	36.3	27.0	40.6
86	65.0	50.3	75.5



#25
2-Butanone
Concen: 3.49 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion:	43	Resp:	2437
Ion	Ratio	Lower	Upper
43	100		
72	25.9	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.93 ug/l

RT: 5.044 min Scan# 649

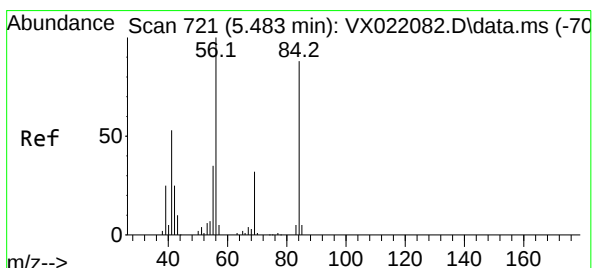
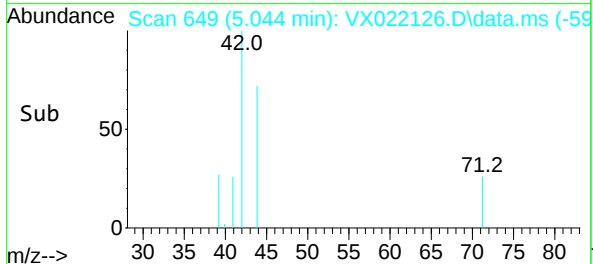
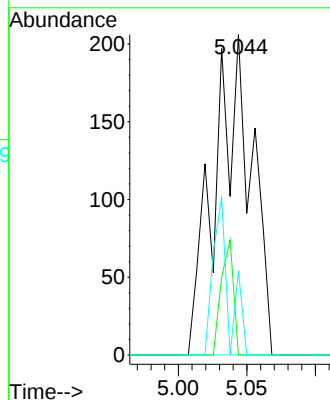
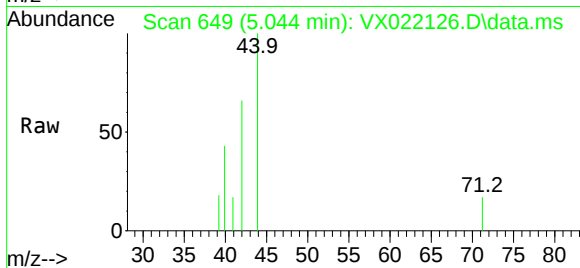
Delta R.T. 0.031 min

Lab File: VX022126.D

Acq: 21 May 2021 19:24

Tgt Ion:	42	Resp:	385
Ion	Ratio	Lower	Upper
42	100		
72	11.7	41.7	62.5#
71	21.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB136366TB



#31

Cyclohexane

Concen: 1.47 ug/l

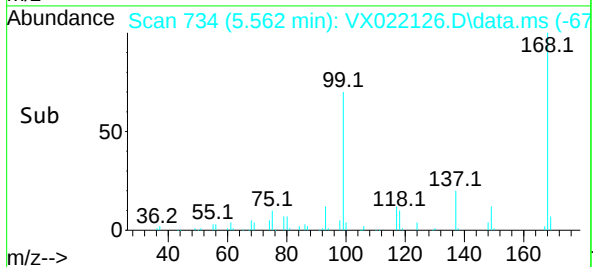
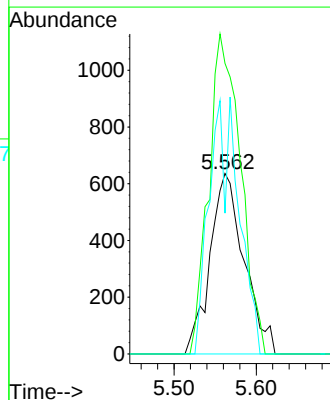
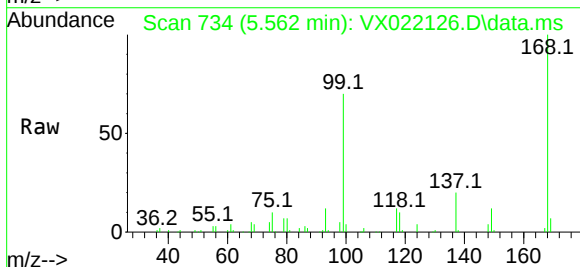
RT: 5.562 min Scan# 734

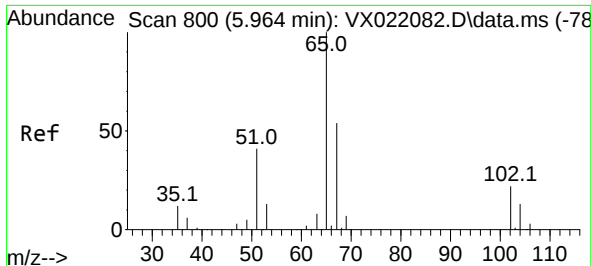
Delta R.T. 0.079 min

Lab File: VX022126.D

Acq: 21 May 2021 19:24

Tgt Ion:	56	Resp:	1835
Ion	Ratio	Lower	Upper
56	100		
69	161.0	25.3	37.9#
84	78.0	71.4	107.0

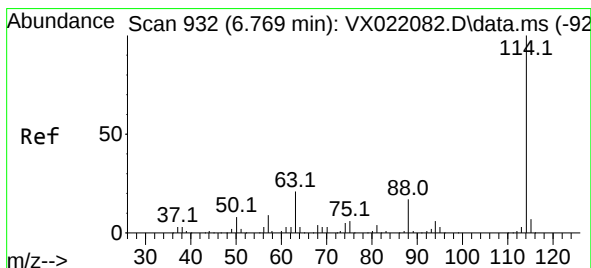
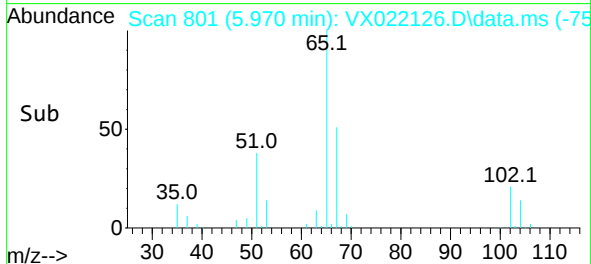
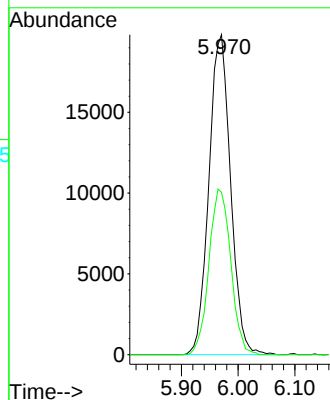
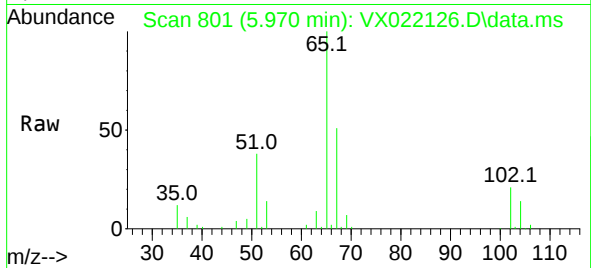




#33
 1,2-Dichloroethane-d4
 Concen: 53.15 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX022126.D
 Acq: 21 May 2021 19:24

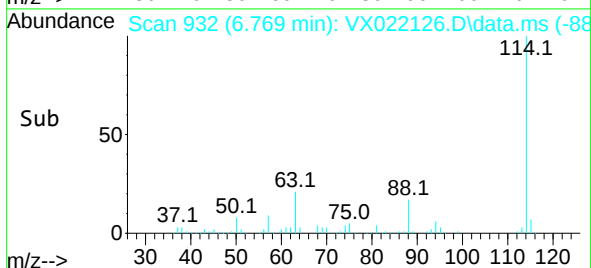
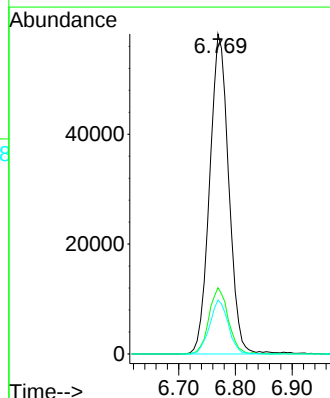
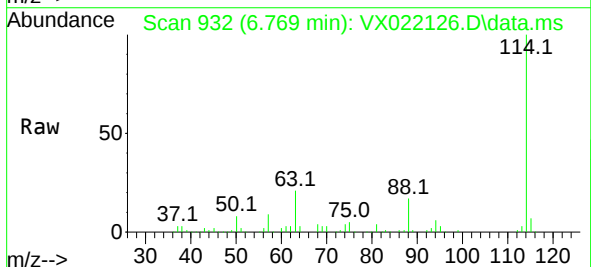
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136366TB

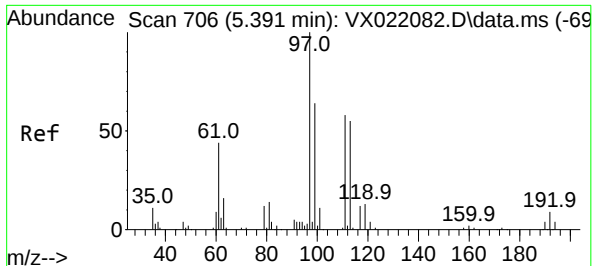
Tgt Ion: 65 Resp: 52672
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022126.D
 Acq: 21 May 2021 19:24

Tgt Ion: 114 Resp: 136036
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.17 ug/l

RT: 5.397 min Scan# 707

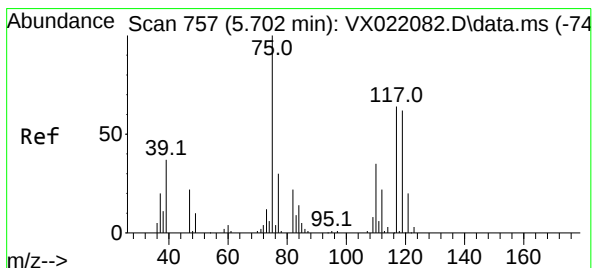
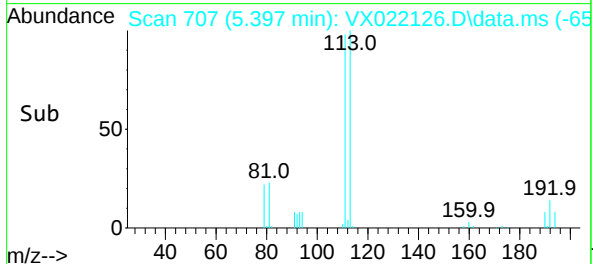
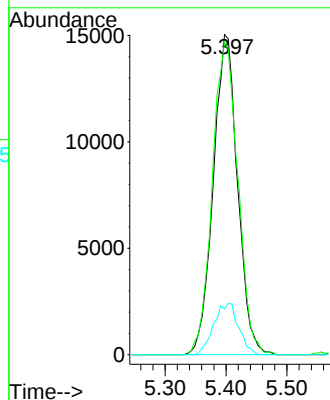
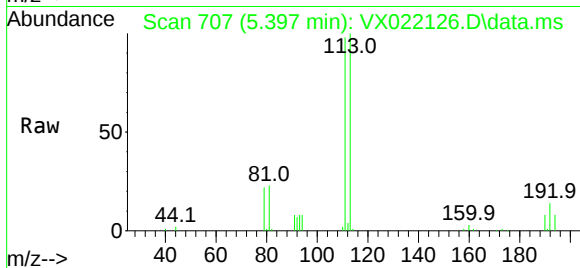
Delta R.T. 0.006 min

Lab File: VX022126.D

Acq: 21 May 2021 19:24

Tgt Ion:	113	Resp:	41555
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	16.4	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :
PB136366TB



#36

1,1-Dichloropropene

Concen: 4.79 ug/l

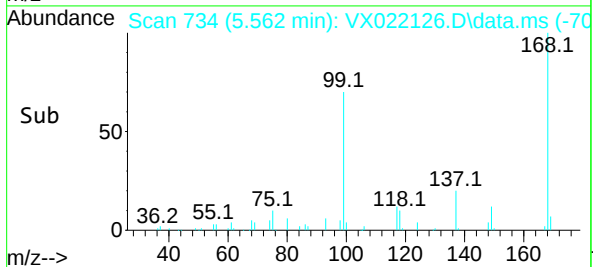
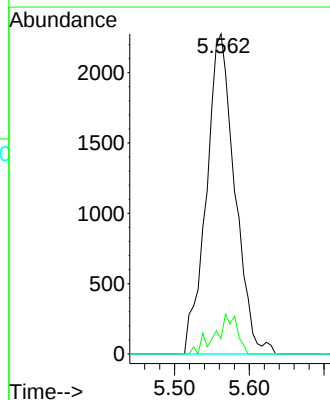
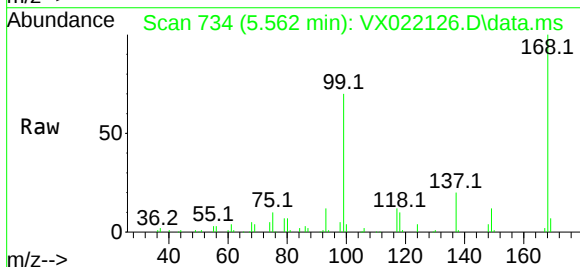
RT: 5.562 min Scan# 734

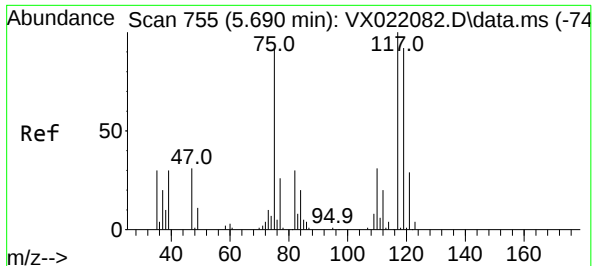
Delta R.T. -0.140 min

Lab File: VX022126.D

Acq: 21 May 2021 19:24

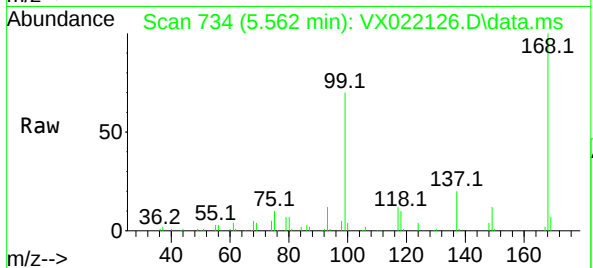
Tgt Ion:	75	Resp:	6020
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	25.3	37.9#



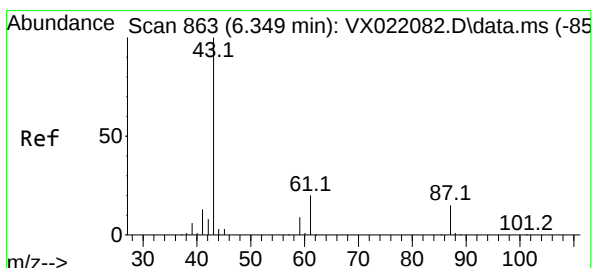
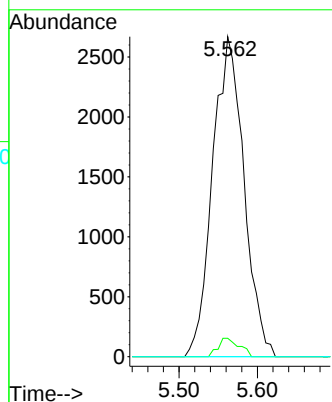
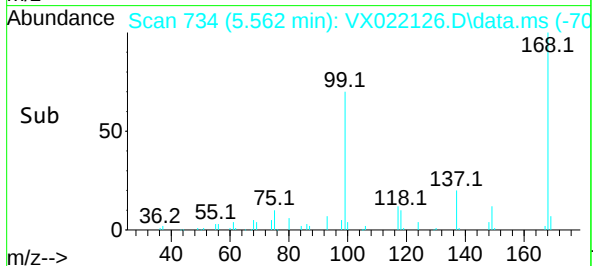


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

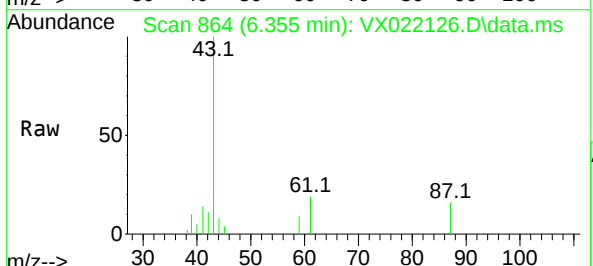
Instrument :
MSVOA_X
ClientSampleId :
PB136366TB



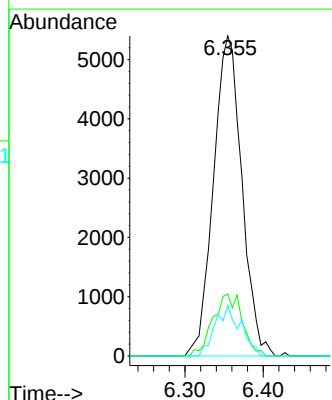
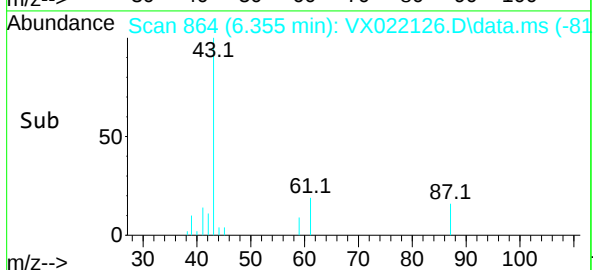
Tgt Ion:117 Resp: 7427
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

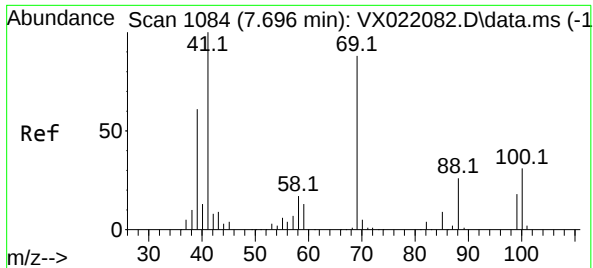


#43
Isopropyl Acetate
Concen: 5.39 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24



Tgt Ion: 43 Resp: 13587
Ion Ratio Lower Upper
43 100
61 20.0 18.2 27.4
87 14.2 12.5 18.7

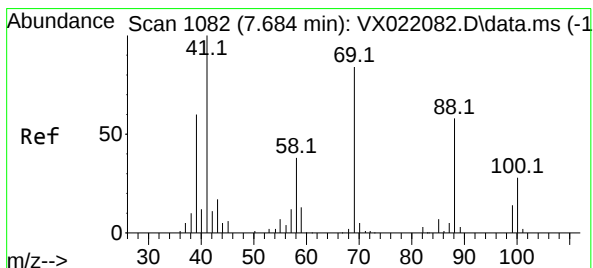
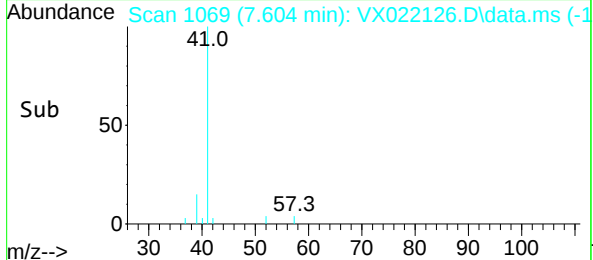
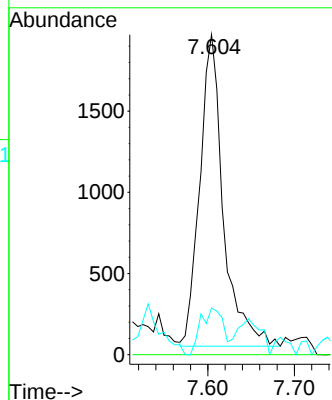
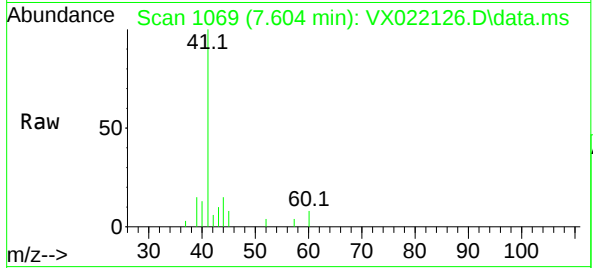




#48
Methyl methacrylate
Concen: 3.12 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

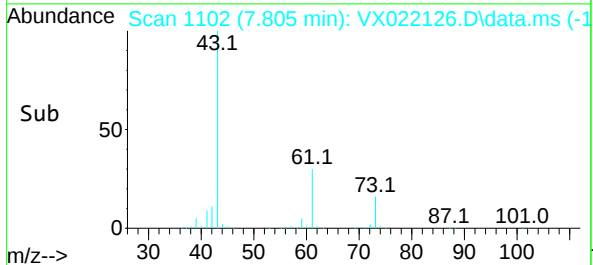
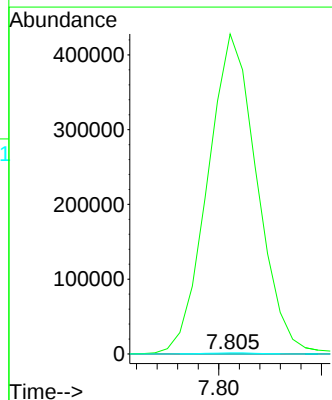
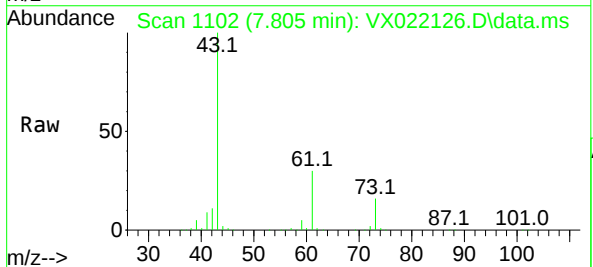
Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

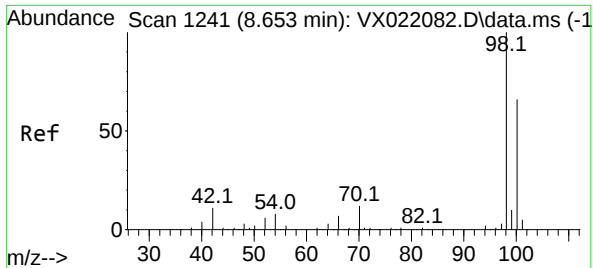
Tgt Ion: 41 Resp: 3623
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 6.19 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 515280.0 23.2 34.8#
58 1899.3 55.0 82.4#

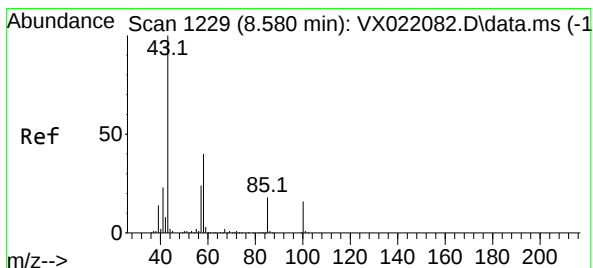
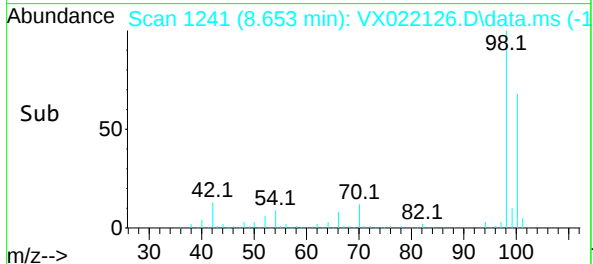
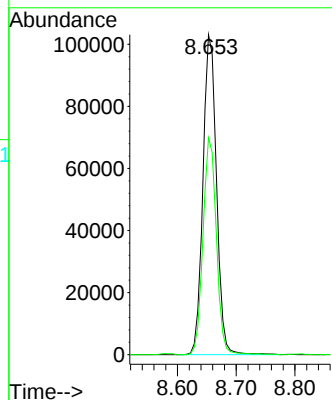
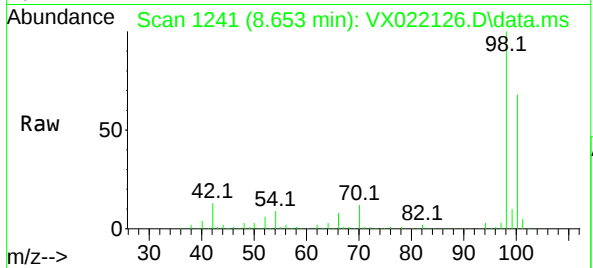




#50
Toluene-d8
Concen: 49.83 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

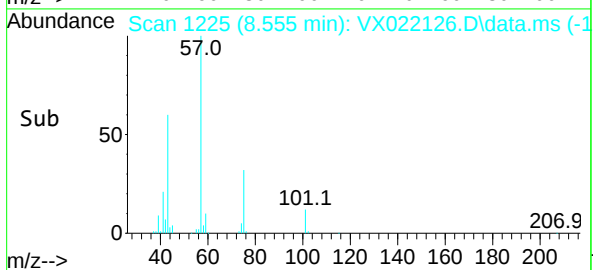
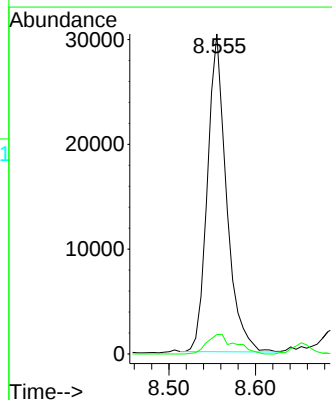
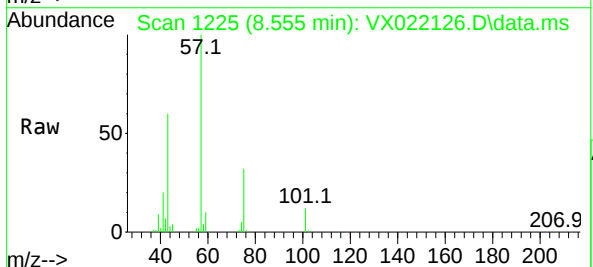
Instrument :
MSVOA_X
ClientSampled :
PB136366TB

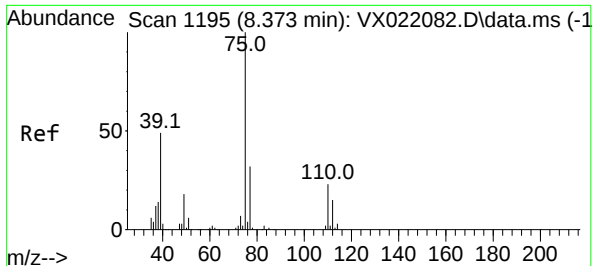
Tgt Ion: 98 Resp: 165583
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 30.70 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 43 Resp: 46377
Ion Ratio Lower Upper
43 100
58 9.1 35.4 53.0#

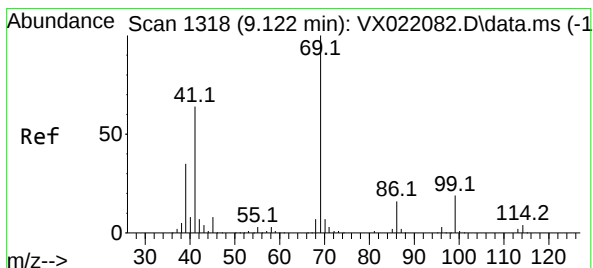
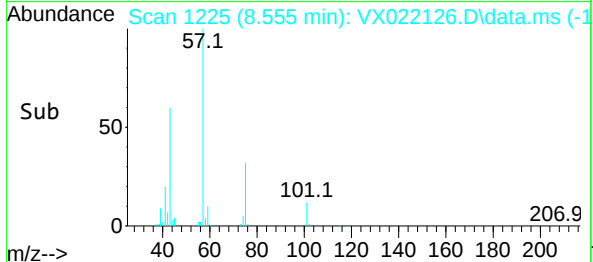
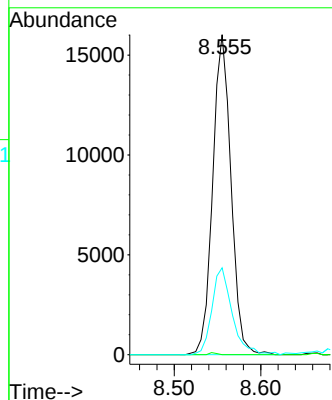
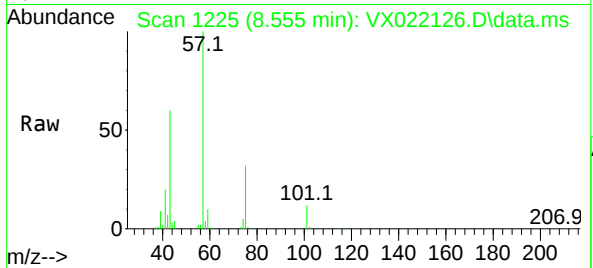




#54
cis-1,3-Dichloropropene
Concen: 14.13 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

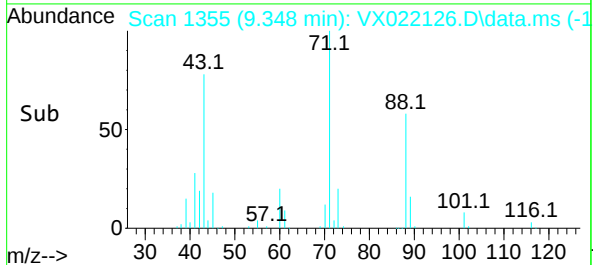
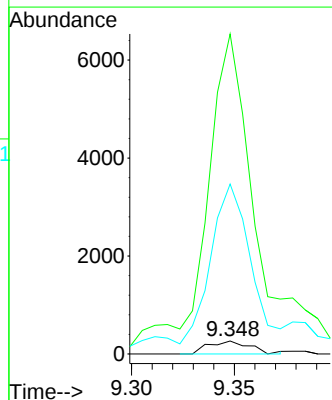
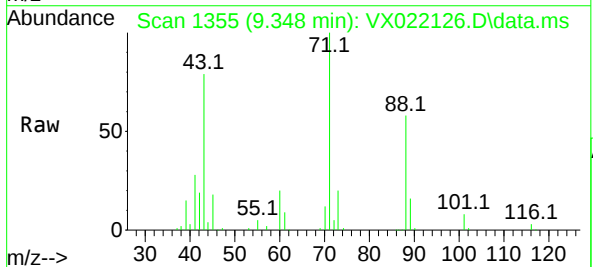
Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

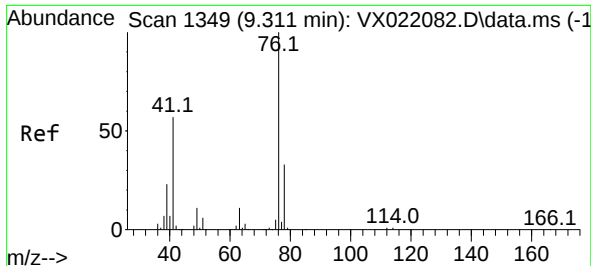
Tgt Ion: 75 Resp: 23507
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 27.1 35.1 52.7#



#56
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 69 Resp: 377
Ion Ratio Lower Upper
69 100
41 2777.5 46.8 70.2#
39 1361.3 24.7 37.1#



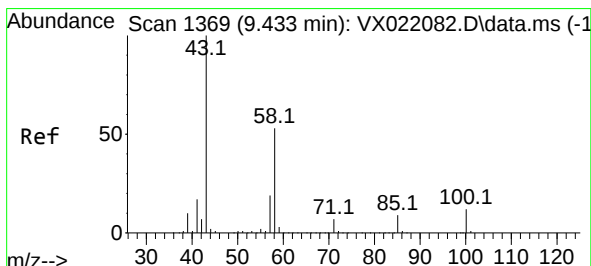
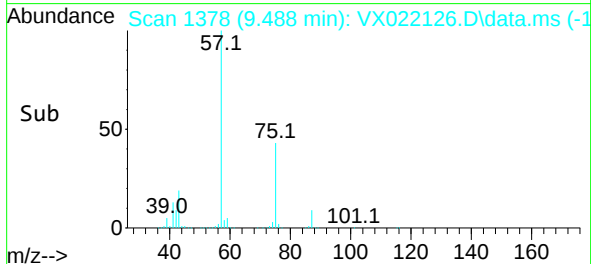
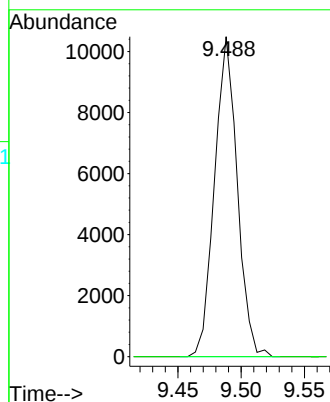
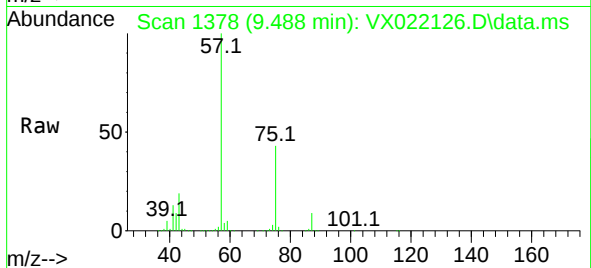


#57

1,3-Dichloropropane
Concen: 7.68 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

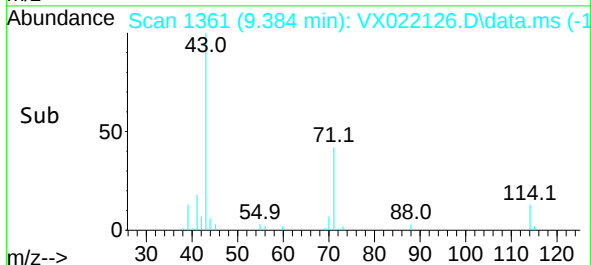
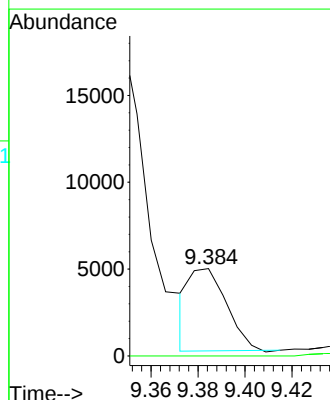
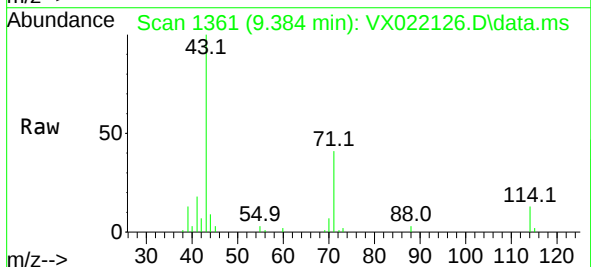
Tgt Ion: 76 Resp: 13052
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

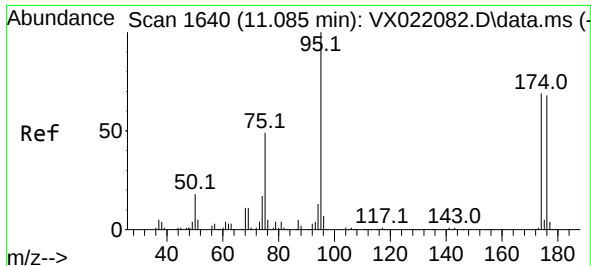


#59

2-Hexanone
Concen: 4.56 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

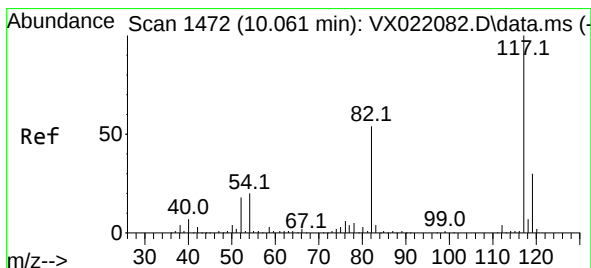
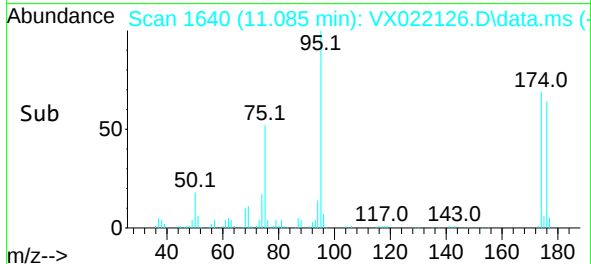
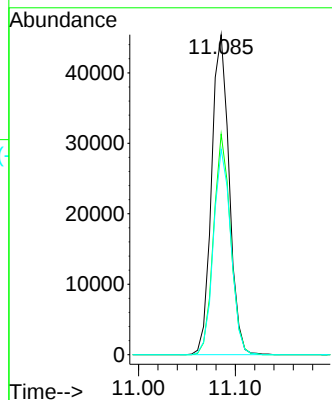
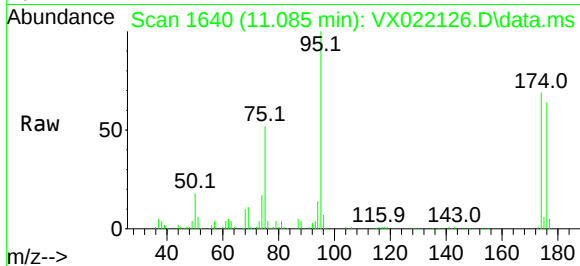




#62
4-Bromofluorobenzene
Concen: 46.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

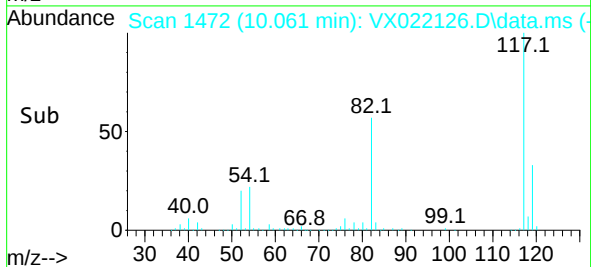
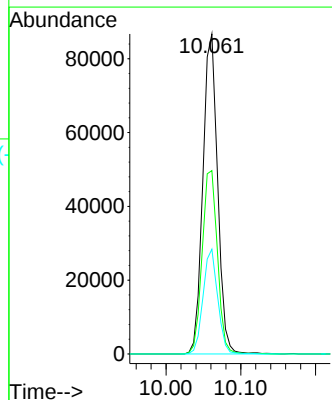
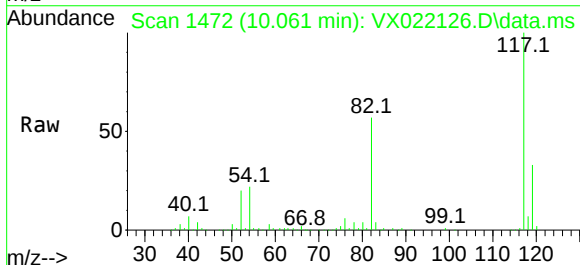
Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

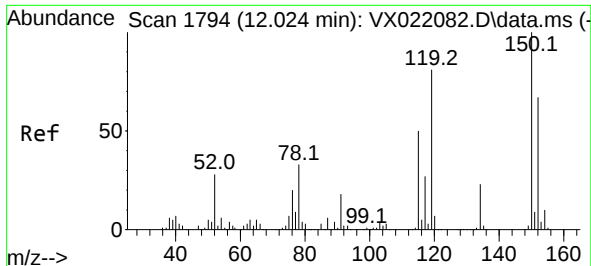
Tgt Ion: 95 Resp: 57486
Ion Ratio Lower Upper
95 100
174 66.2 0.0 154.6
176 63.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 117 Resp: 118820
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.8 26.6 39.8

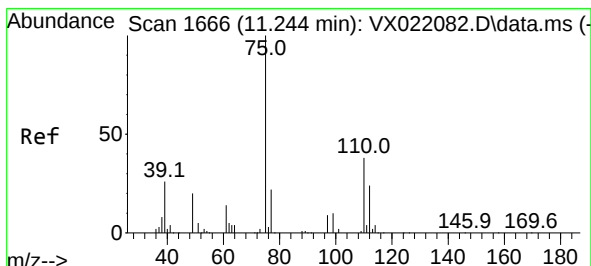
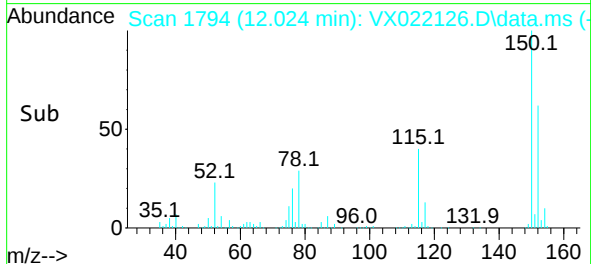
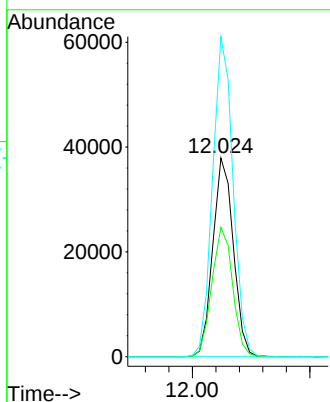
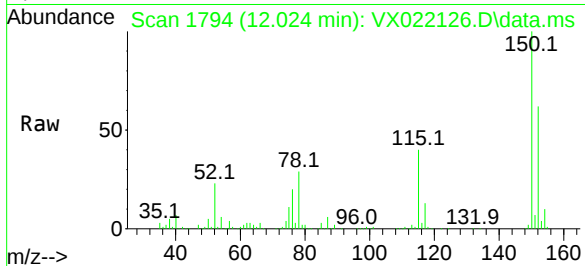




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

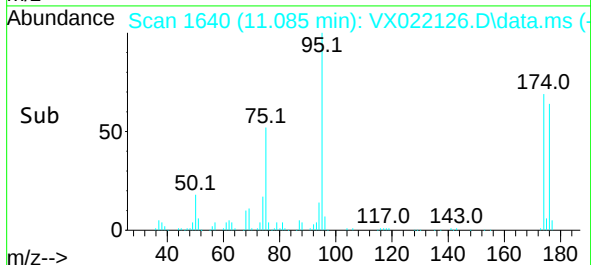
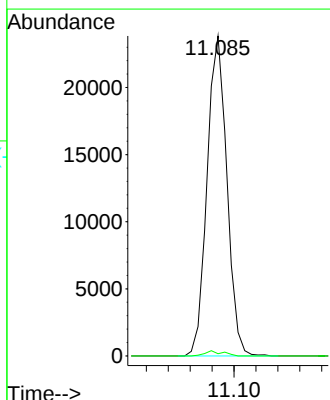
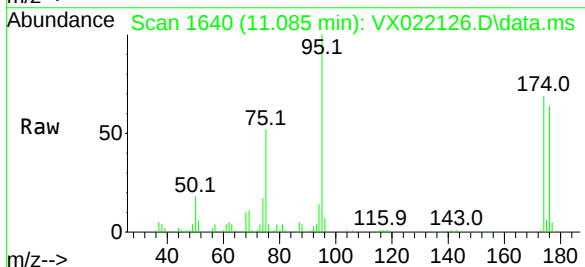
Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

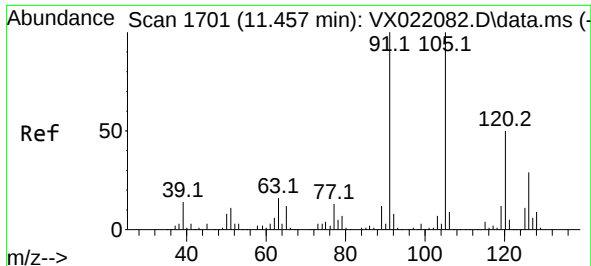
Tgt Ion:152 Resp: 46023
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 160.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.34 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 75 Resp: 29907
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#

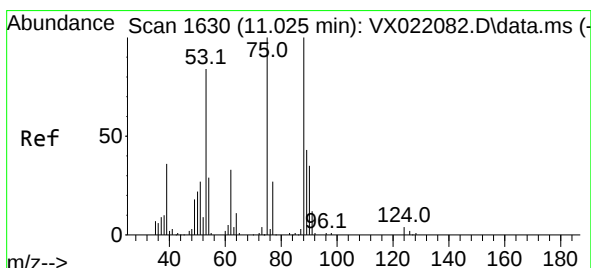
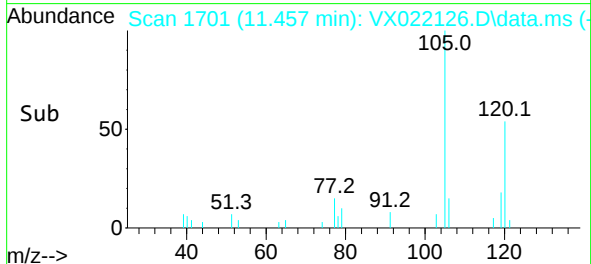
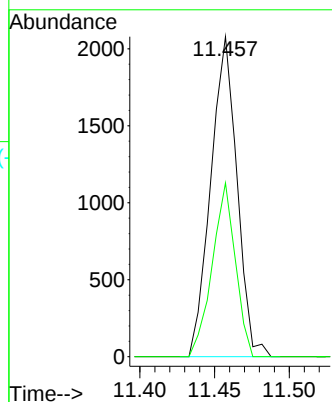
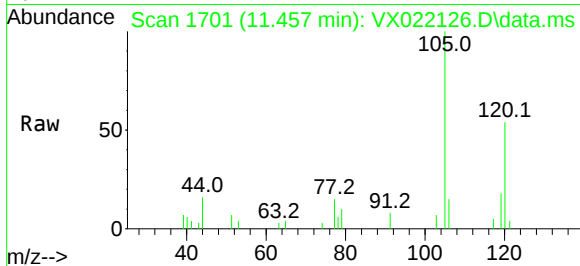




#80
1,3,5-Trimethylbenzene
Concen: 0.78 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
PB136366TB

Tgt Ion:105 Resp: 2532
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022126.D
Acq: 21 May 2021 19:24

Tgt Ion: 75 Resp: 29907
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

