

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022496.D
 Acq On : 06 Jun 2021 22:27
 Operator : JC/MD
 Sample : PB136829ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#05

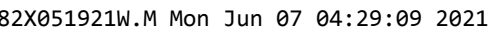
Quant Time: Jun 07 04:29:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	57492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	120422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49794	56.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.300%			
35) Dibromofluoromethane	5.397	113	35713	46.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.540%			
50) Toluene-d8	8.653	98	151856	51.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.240%			
62) 4-Bromofluorobenzene	11.085	95	52508	48.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.580%			
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	105	0.226	ug/l #	2
11) Tert butyl alcohol	2.953	59	1725	8.504	ug/l #	73
16) Acetone	2.386	43	6014	15.574	ug/l	91
18) Methyl Acetate	2.721	43	1747	1.701	ug/l #	83
20) Methylene Chloride	2.794	84	5375	6.269	ug/l #	87
25) 2-Butanone	4.568	43	2496	3.995	ug/l #	75
29) Tetrahydrofuran	5.032	42	753	2.025	ug/l #	61
31) Cyclohexane	5.550	56	1834	1.646	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	5768	5.180	ug/l #	48
38) Carbon Tetrachloride	5.574	117	6943	6.374	ug/l #	14
41) Methacrylonitrile	5.038	41	465	0.637	ug/l #	37
43) Isopropyl Acetate	6.355	43	13876	6.215	ug/l #	90
48) Methyl methacrylate	7.598	41	3956	3.845	ug/l #	10
49) 1,4-Dioxane	7.805	88	146	7.288	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	48629	36.360	ug/l #	45
52) Toluene	8.720	92	715	0.330	ug/l	97
54) cis-1,3-Dichloropropene	8.555	75	22101	15.009	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	13633	9.065	ug/l #	42
59) 2-Hexanone	9.378	43	5478	5.446	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	28129	27.764	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1412	0.490	ug/l	86
81) trans-1,4-Dichloro-2-b...	11.085	75	28129	65.784	ug/l #	12

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

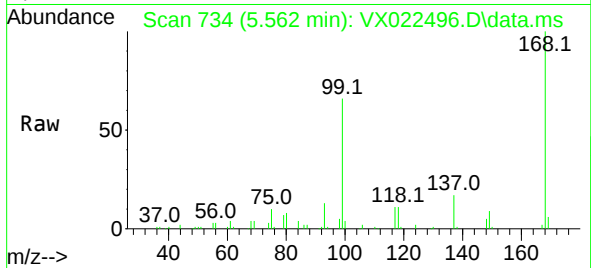
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



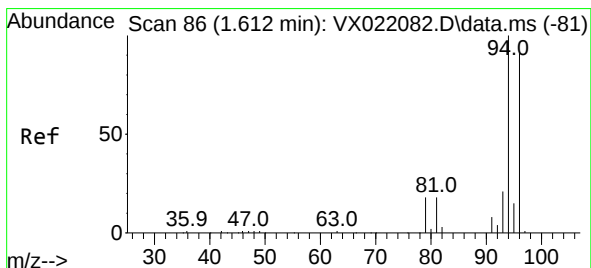
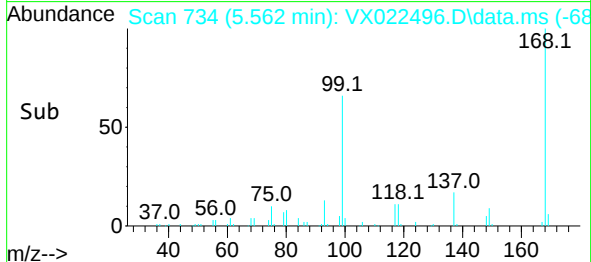
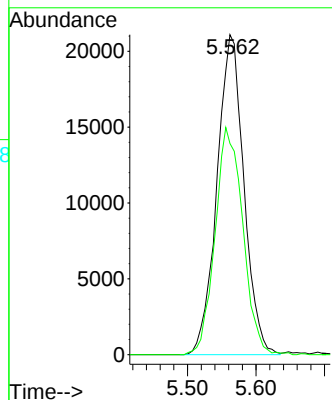


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

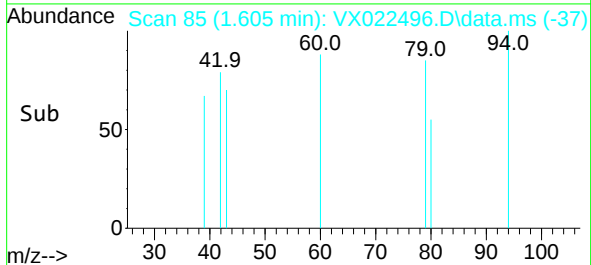
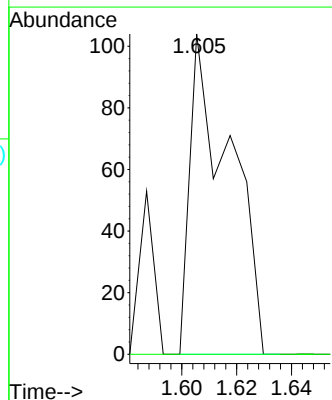
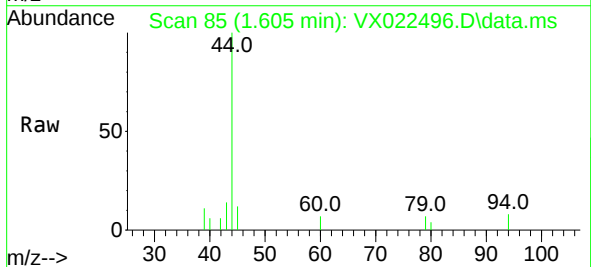


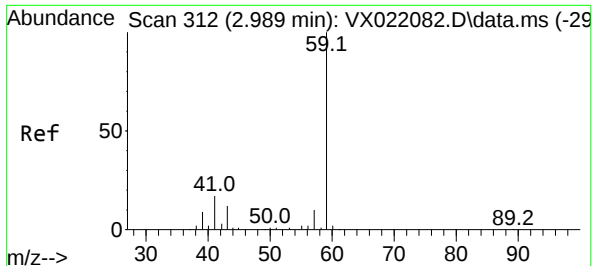
Tgt Ion:168 Resp: 57492
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.6



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



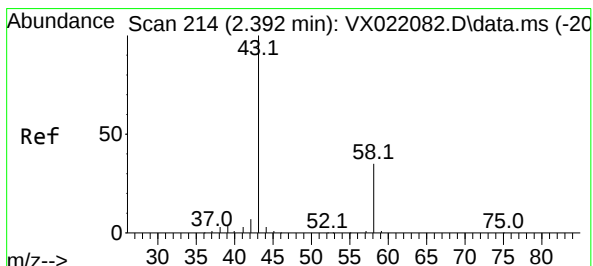
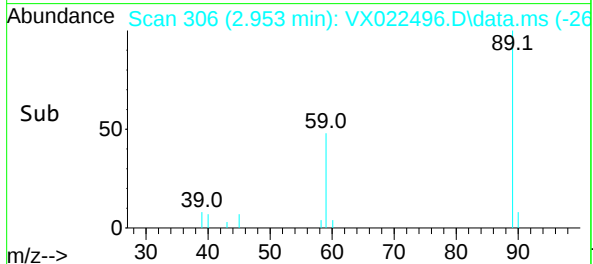
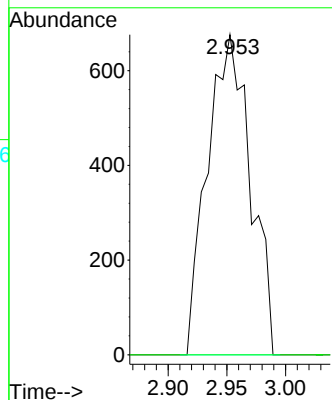
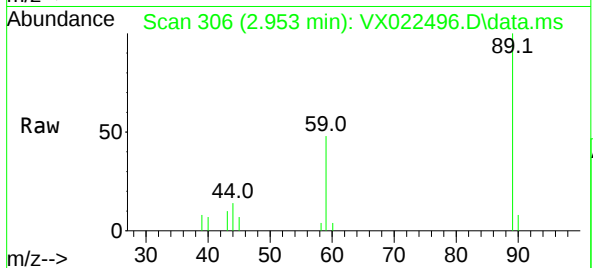


#11

Tert butyl alcohol
Concen: 8.504 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

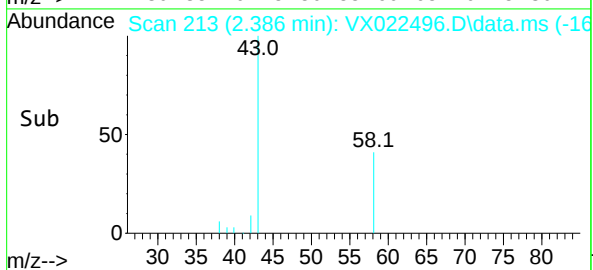
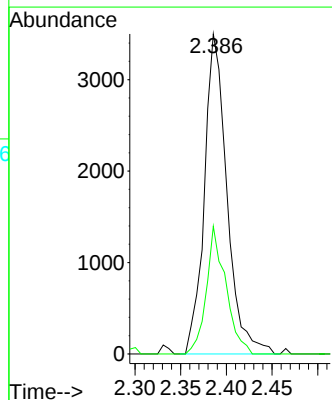
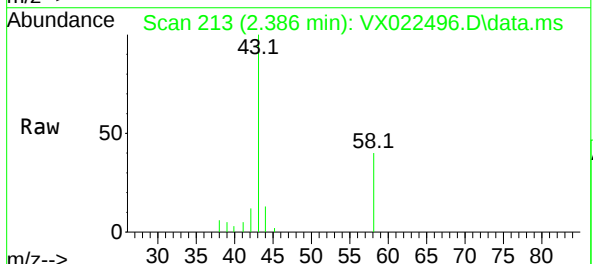
Tgt Ion: 59 Resp: 1725
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

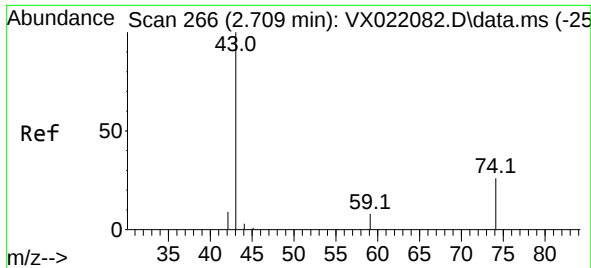


#16

Acetone
Concen: 15.574 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 43 Resp: 6014
Ion Ratio Lower Upper
43 100
58 39.9 27.8 41.8

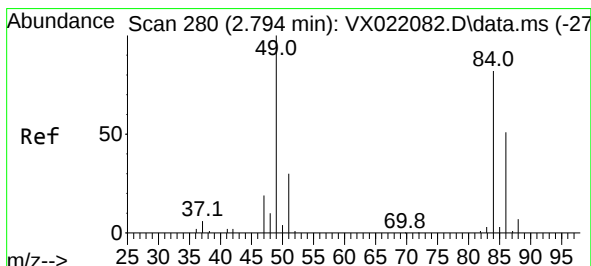
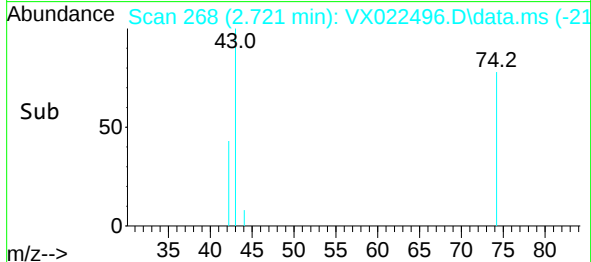
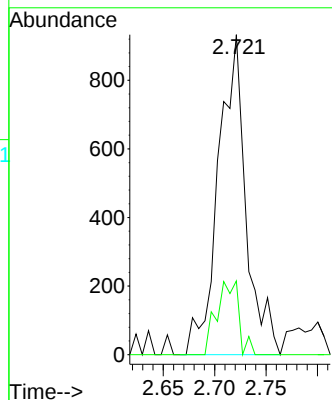
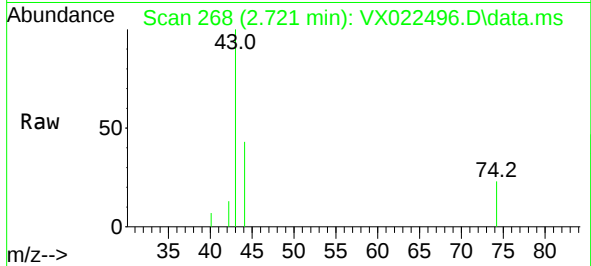




#18
Methyl Acetate
Concen: 1.701 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

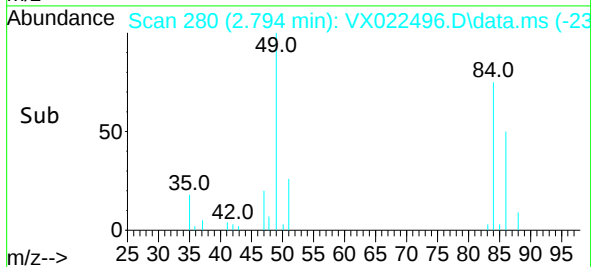
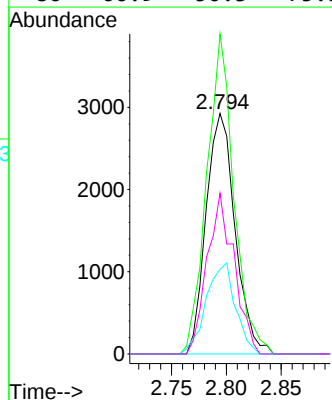
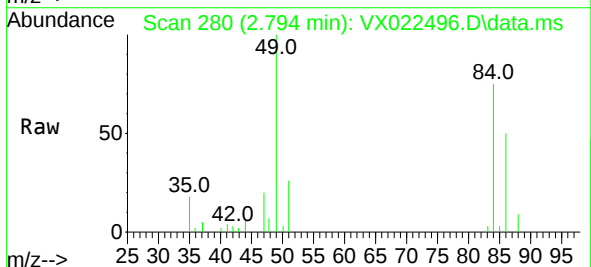
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

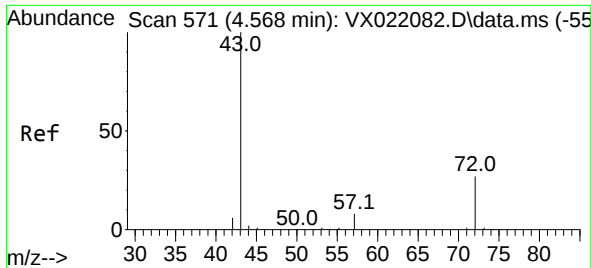
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
74 18.4 21.9 32.9#



#20
Methylene Chloride
Concen: 6.269 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 84 Resp: 5375
Ion Ratio Lower Upper
84 100
49 133.1 88.6 132.8#
51 35.2 27.0 40.6
86 66.9 50.3 75.5

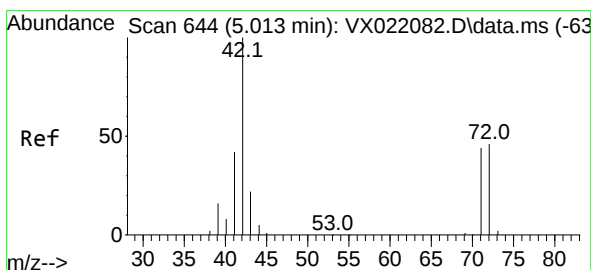
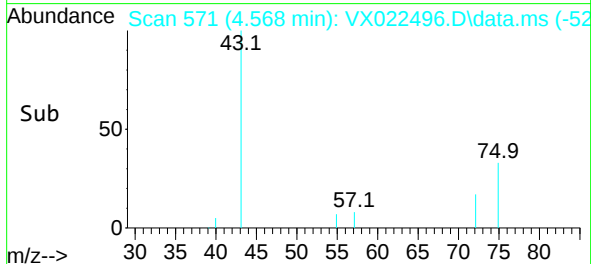
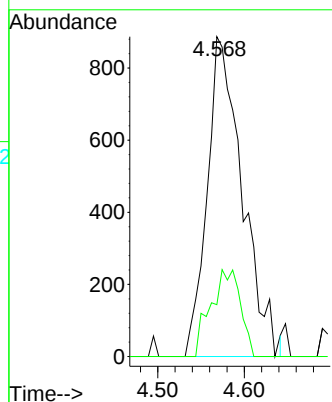
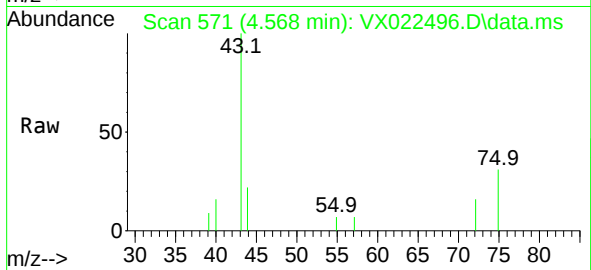




#25
2-Butanone
Concen: 3.995 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

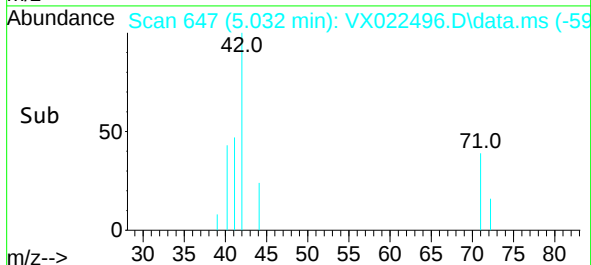
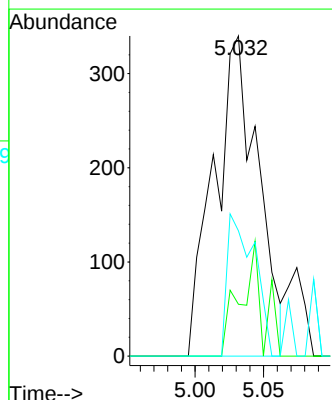
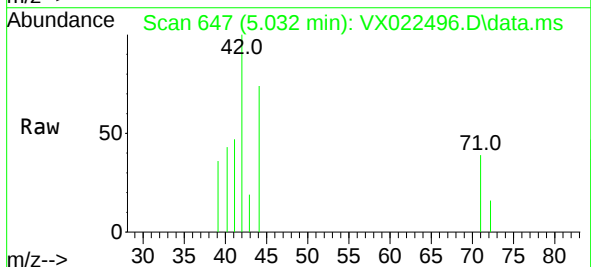
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

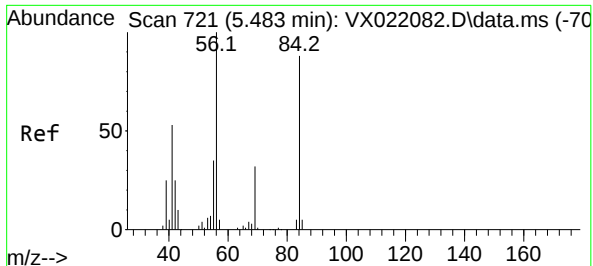
Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
72 16.2 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.025 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

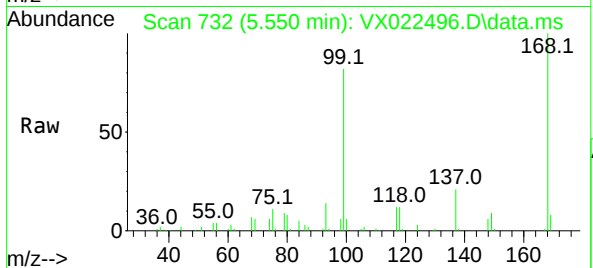
Tgt Ion: 42 Resp: 753
Ion Ratio Lower Upper
42 100
72 18.6 41.7 62.5#
71 27.6 38.4 57.6#



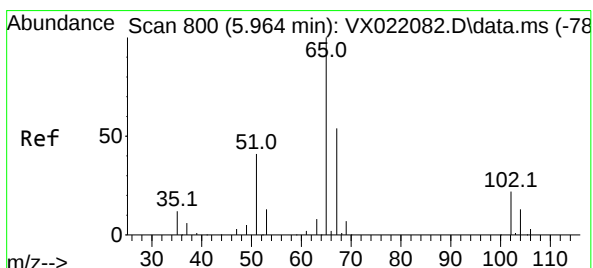
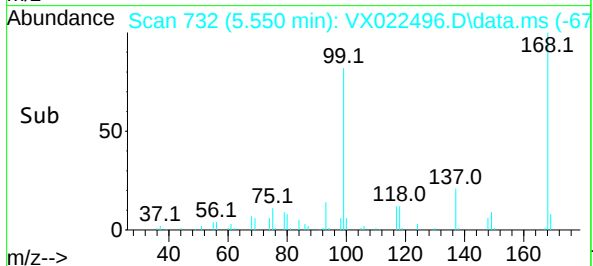
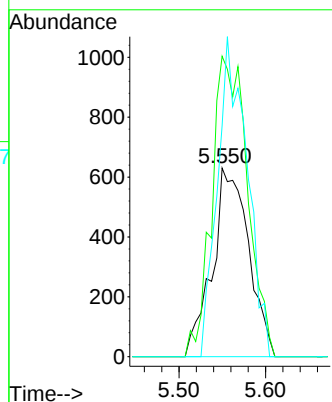


#31
Cyclohexane
Concen: 1.646 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

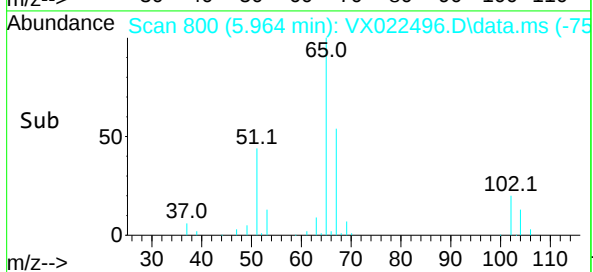
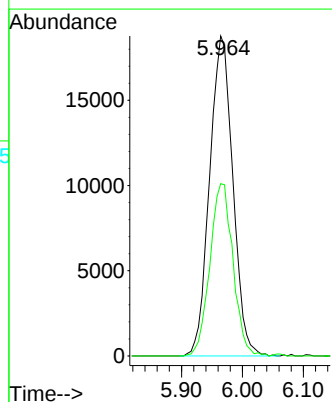
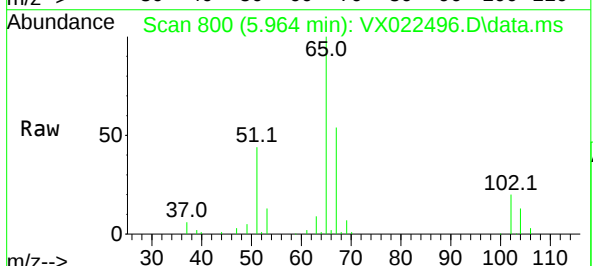


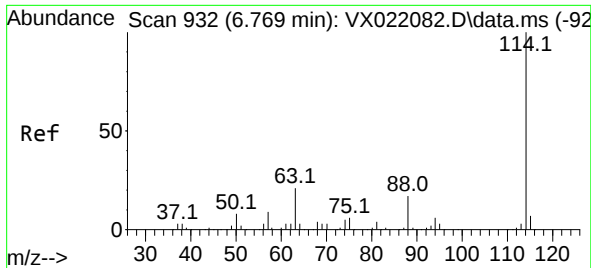
Tgt Ion: 56 Resp: 1834
Ion Ratio Lower Upper
56 100
69 159.4 25.3 37.9#
84 122.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.147 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 65 Resp: 49794
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

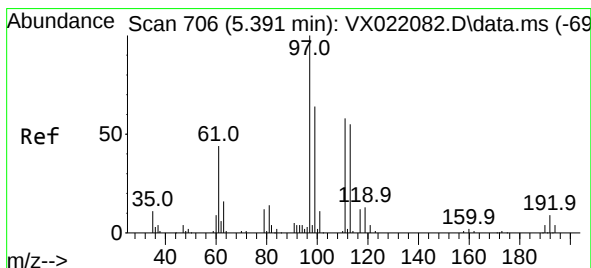
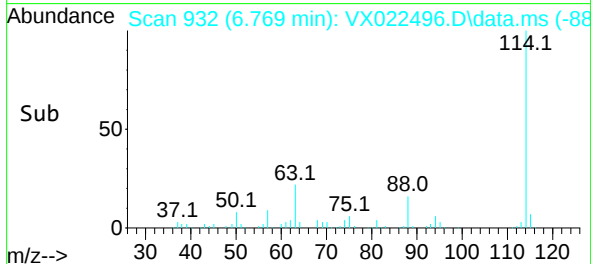
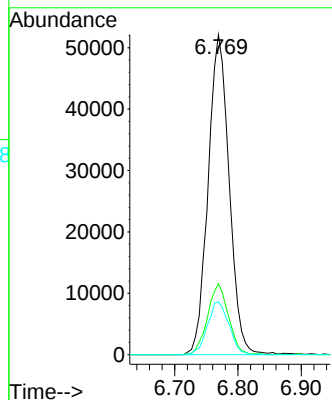
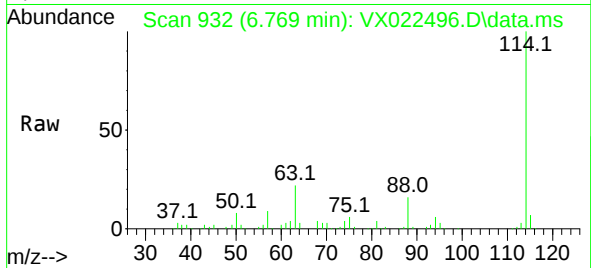




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

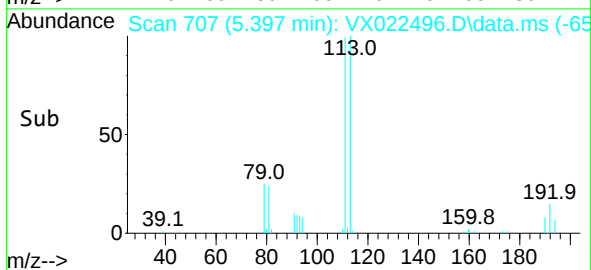
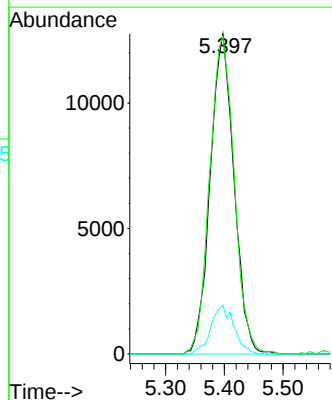
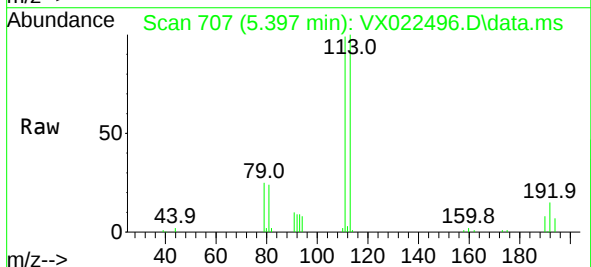
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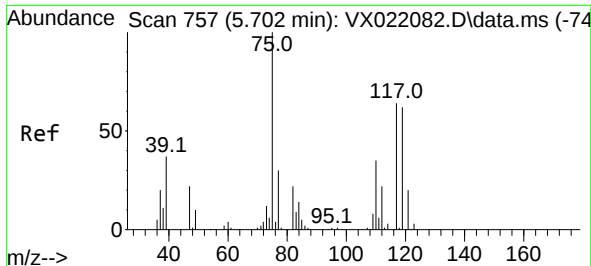
Tgt Ion:114 Resp: 120422
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.766 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

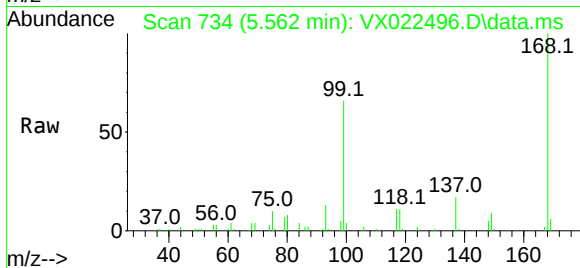
Tgt Ion:113 Resp: 35713
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 14.8 16.7 25.1#



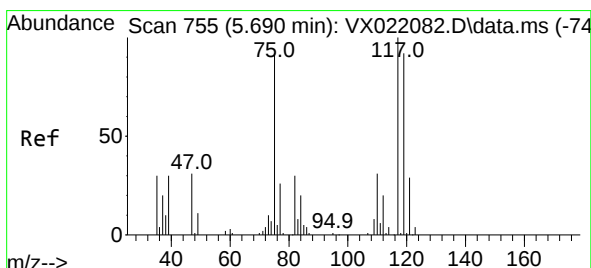
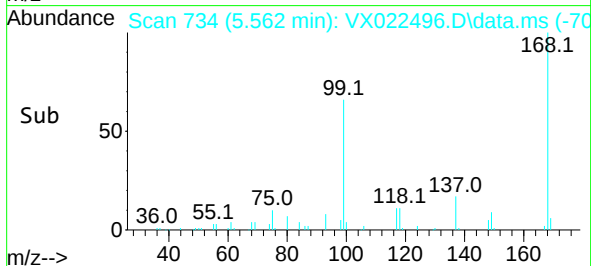
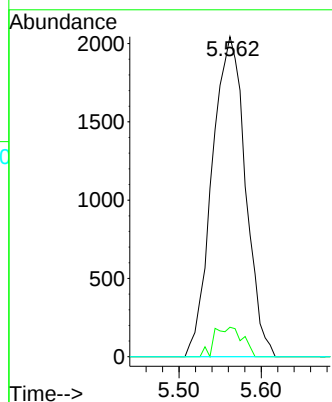


#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

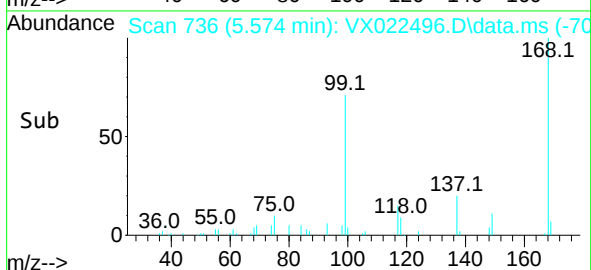
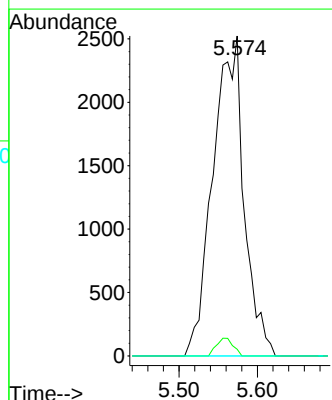
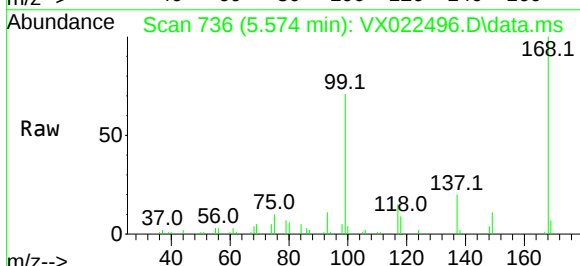


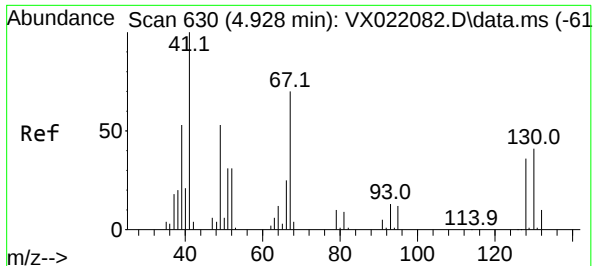
Tgt Ion: 75 Resp: 5768
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 5.574 min Scan# 736
Delta R.T. -0.116 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 117 Resp: 6943
Ion Ratio Lower Upper
117 100
119 2.1 76.2 114.2#
121 0.0 24.8 37.2#

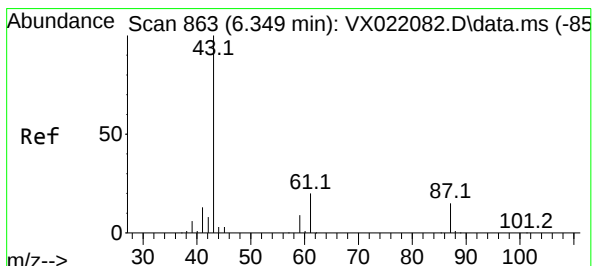
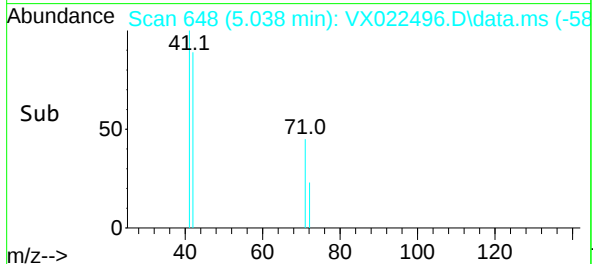
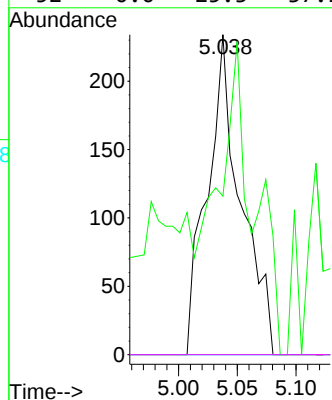
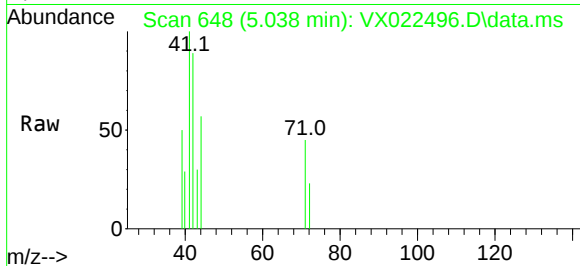




#41
Methacrylonitrile
Concen: 0.637 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

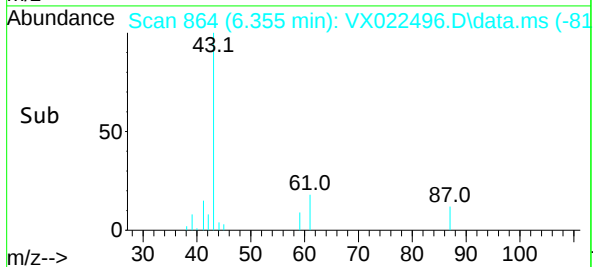
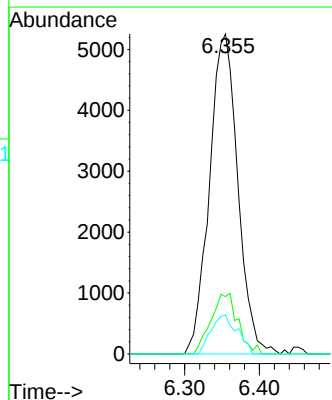
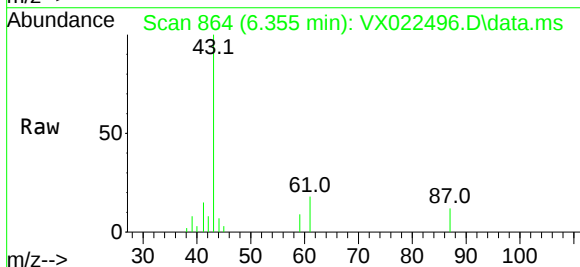
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

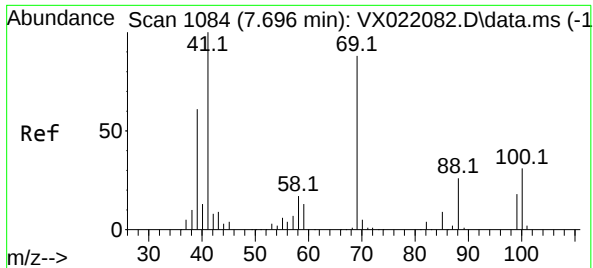
Tgt Ion:	41	Resp:	465
Ion	Ratio	Lower	Upper
41	100		
39	37.4	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 6.215 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion:	43	Resp:	13876
Ion	Ratio	Lower	Upper
43	100		
61	17.9	18.2	27.4#
87	11.2	12.5	18.7#

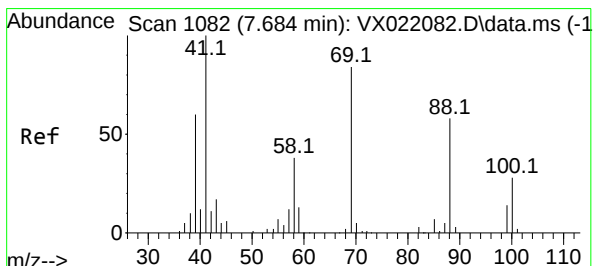
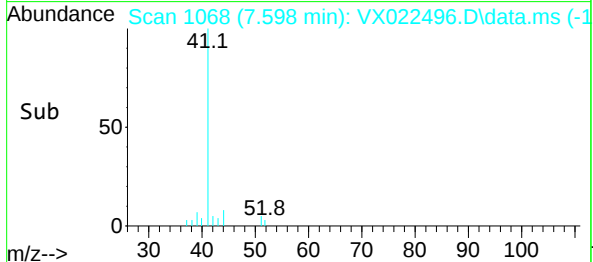
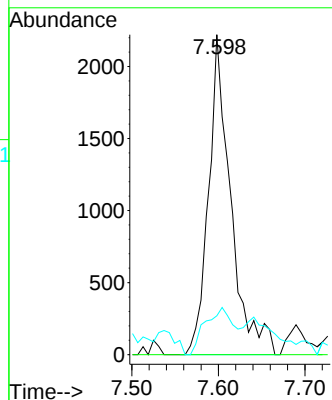
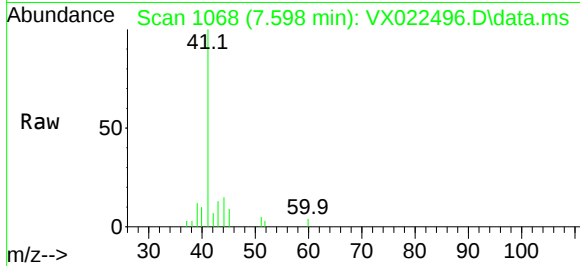




#48
Methyl methacrylate
Concen: 3.845 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

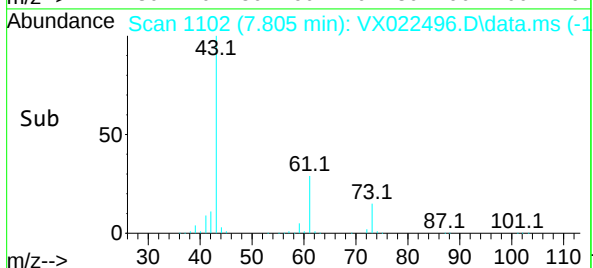
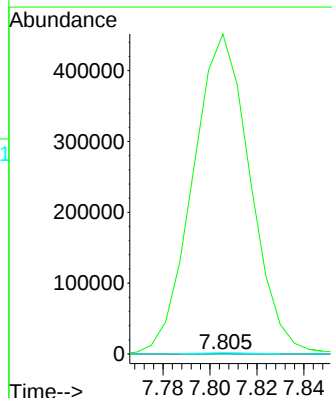
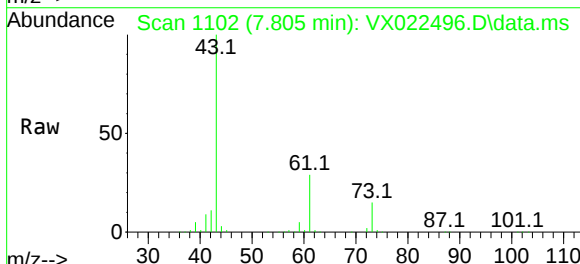
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

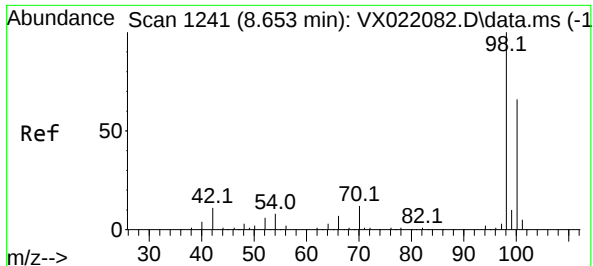
Tgt Ion: 41 Resp: 3956
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 7.288 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 530654.8 23.2 34.8#
58 2147.3 55.0 82.4#

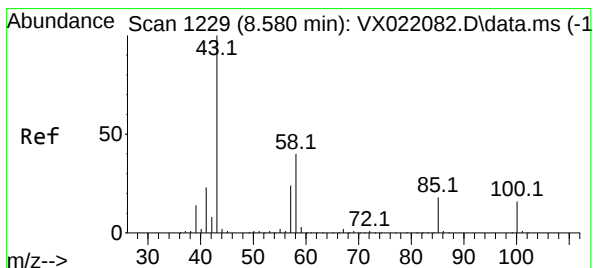
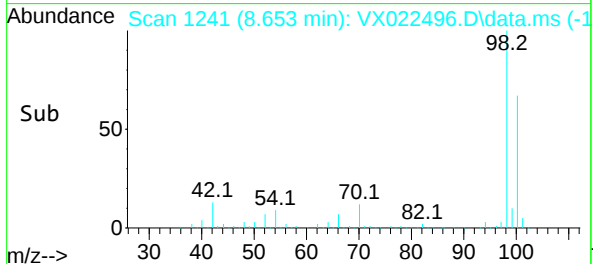
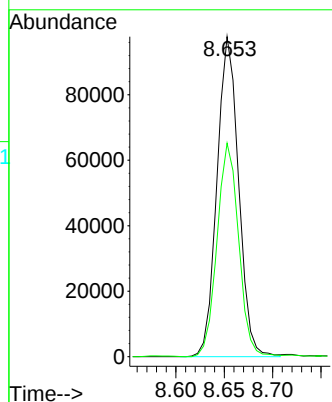
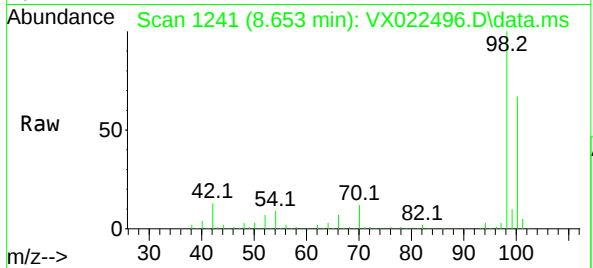




#50
Toluene-d8
Concen: 51.622 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

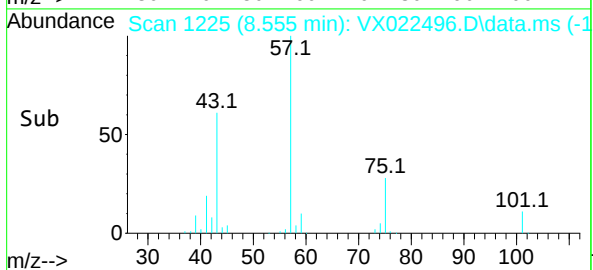
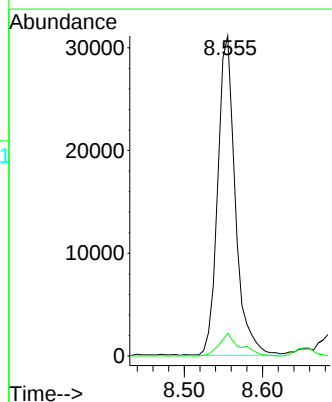
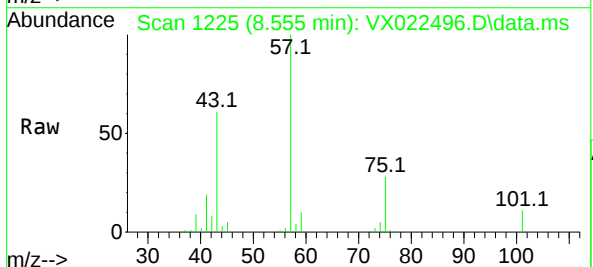
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

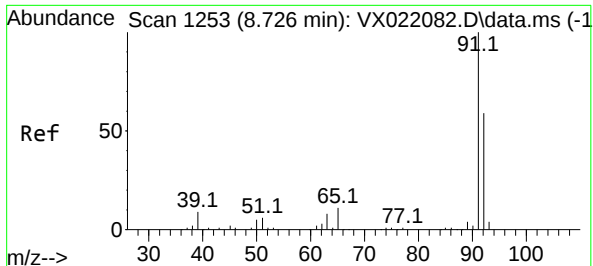
Tgt Ion: 98 Resp: 151856
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 36.360 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 43 Resp: 48629
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#

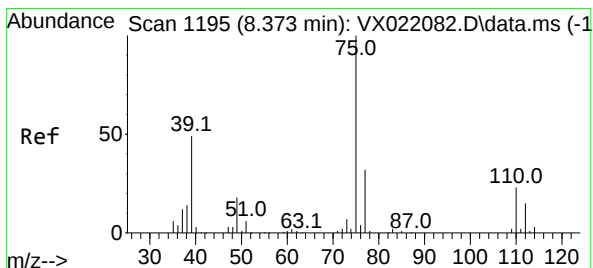
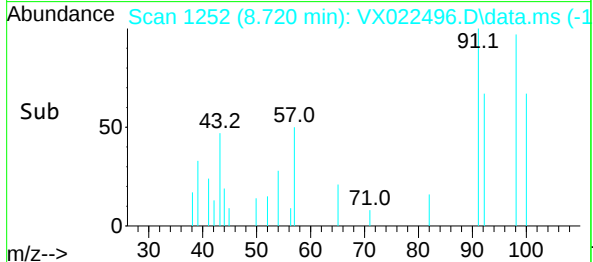
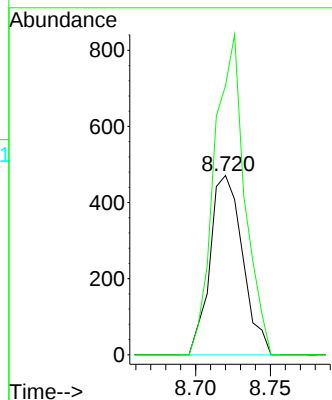
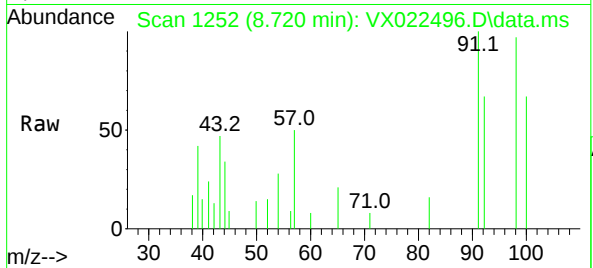




#52
Toluene
Concen: 0.330 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

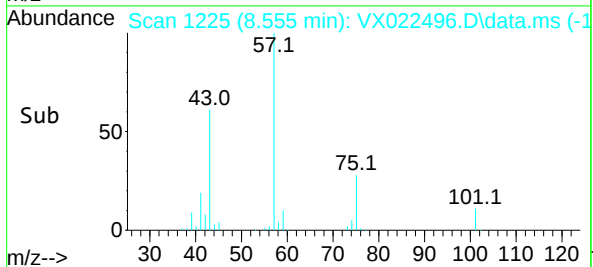
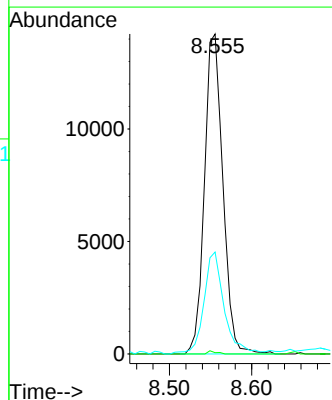
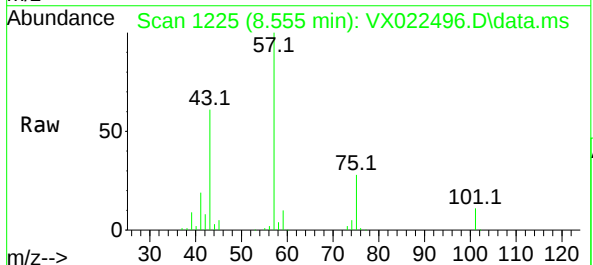
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

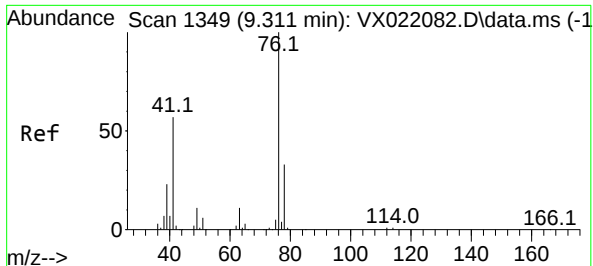
Tgt Ion: 92 Resp: 715
Ion Ratio Lower Upper
92 100
91 166.7 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 15.009 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 75 Resp: 22101
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 31.2 35.1 52.7#



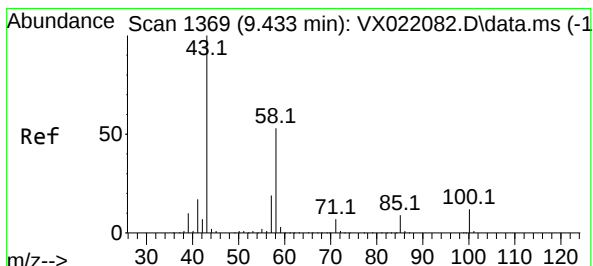
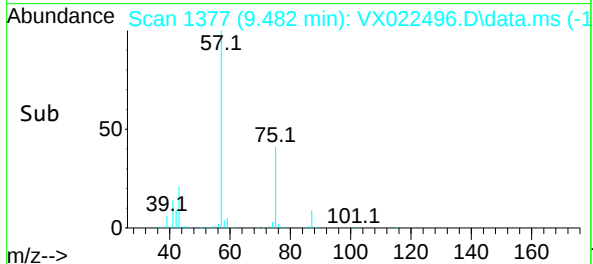
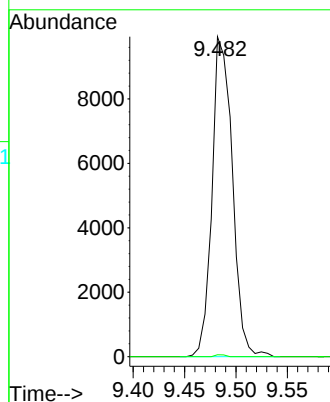
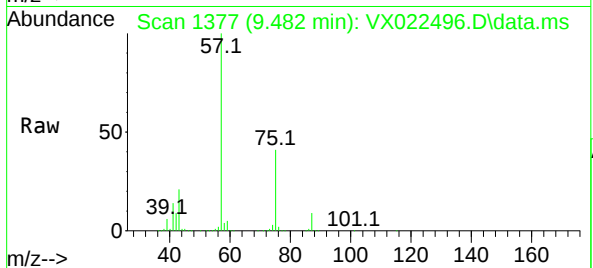


#57

1,3-Dichloropropane
Concen: 9.065 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

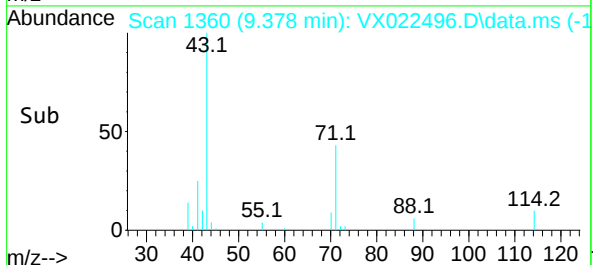
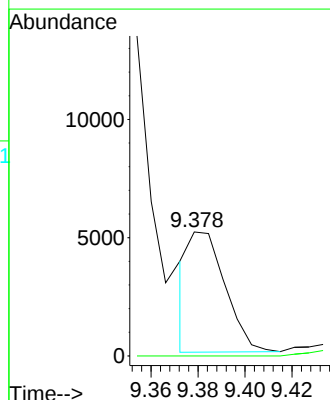
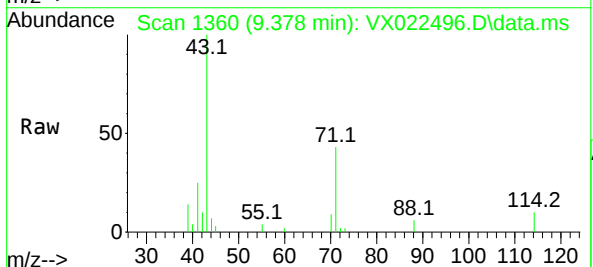
Tgt Ion: 76 Resp: 13633
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

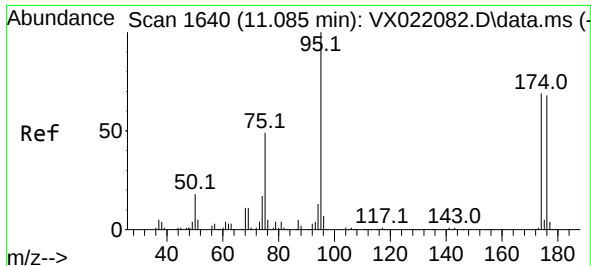


#59

2-Hexanone
Concen: 5.446 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 43 Resp: 5478
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

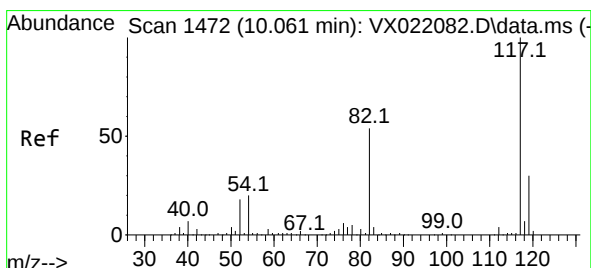
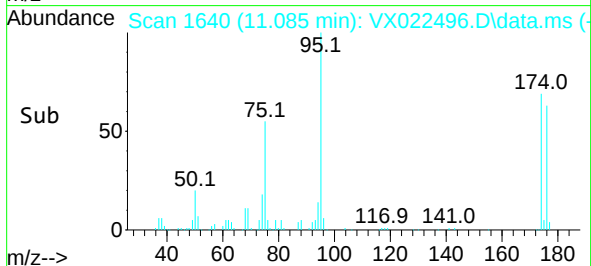
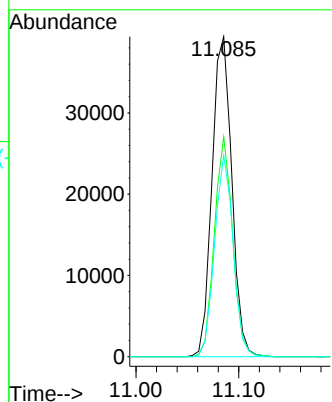
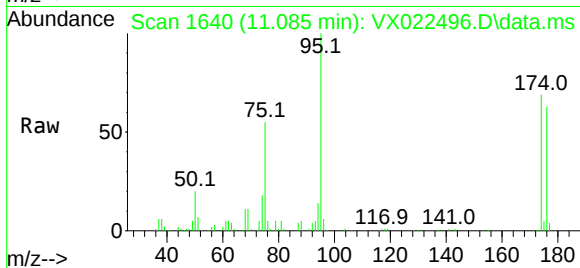




#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

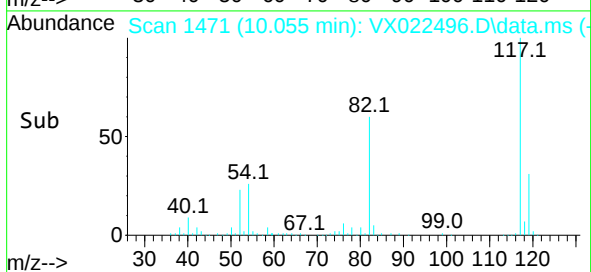
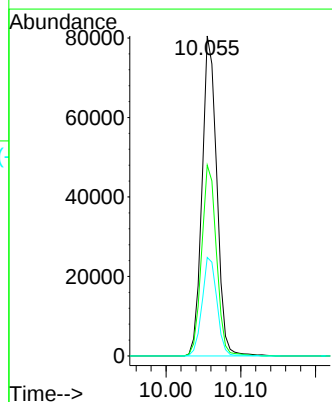
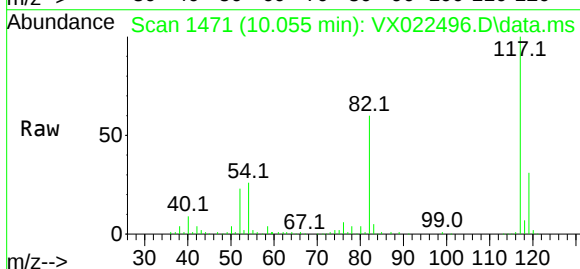
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

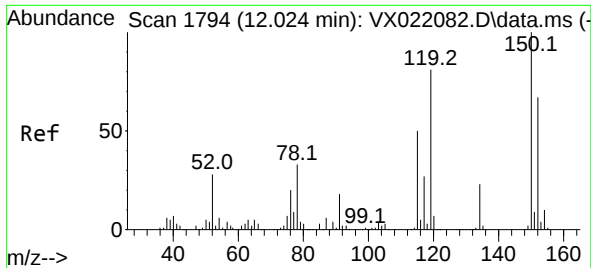
Tgt Ion: 95 Resp: 52508
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 59.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 117 Resp: 110092
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 30.8 26.6 39.8

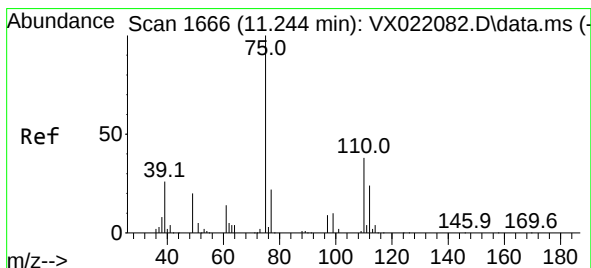
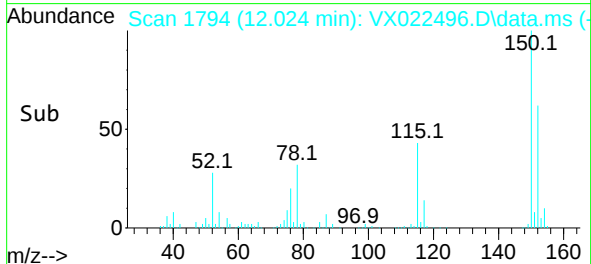
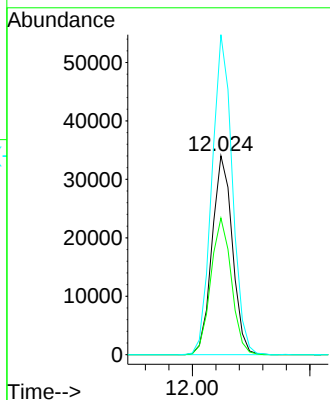
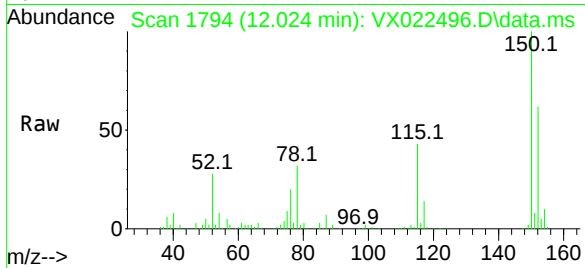




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022496.D
 Acq: 06 Jun 2021 22:27

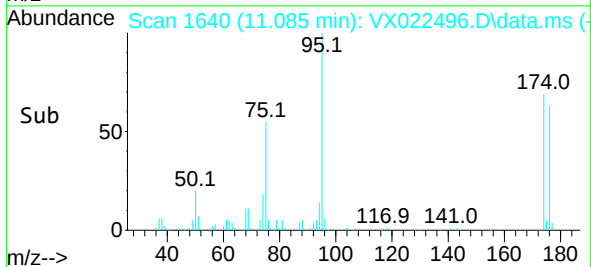
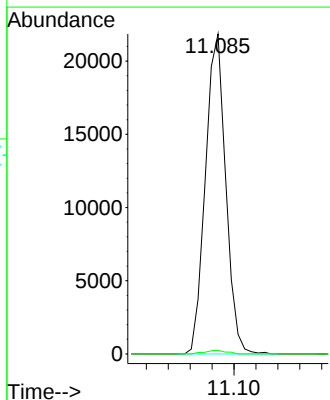
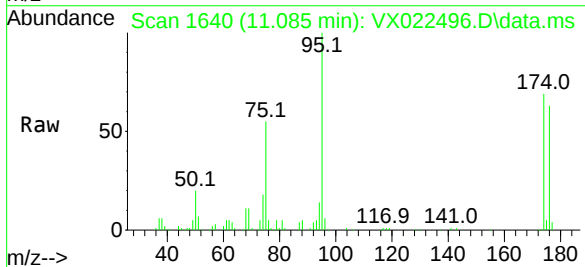
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#05

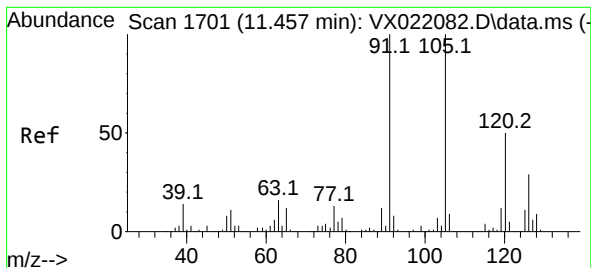
Tgt Ion:152 Resp: 41067
 Ion Ratio Lower Upper
 152 100
 115 69.2 41.1 123.3
 150 161.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.764 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022496.D
 Acq: 06 Jun 2021 22:27

Tgt Ion: 75 Resp: 28129
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

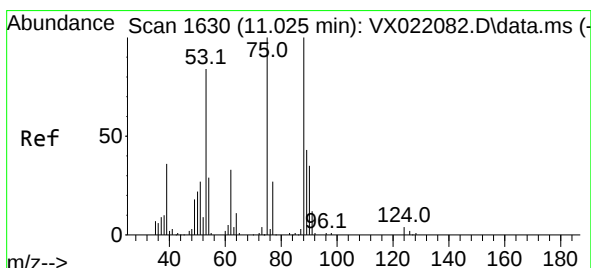
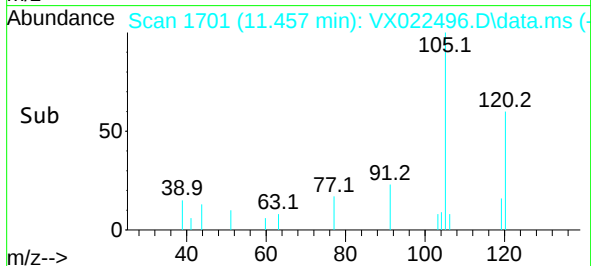
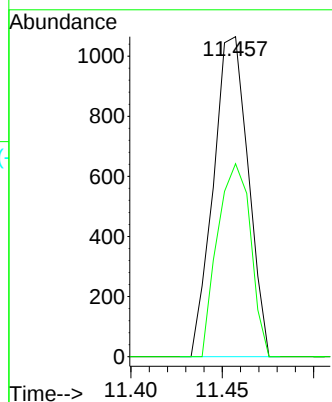
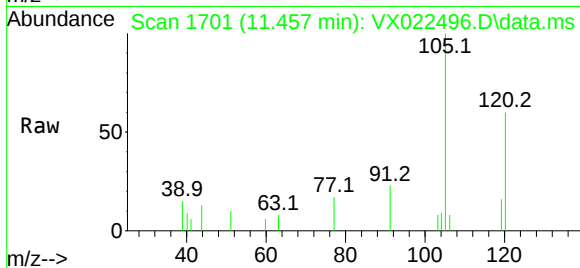




#80
1,3,5-Trimethylbenzene
Concen: 0.490 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#05

Tgt Ion:105 Resp: 1412
Ion Ratio Lower Upper
105 100
120 57.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 65.784 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022496.D
Acq: 06 Jun 2021 22:27

Tgt Ion: 75 Resp: 28129
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

