

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022491.D
 Acq On : 06 Jun 2021 20:30
 Operator : JC/MD
 Sample : PB136829TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829TB

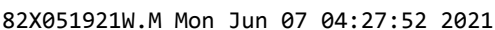
Quant Time: Jun 07 04:27:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55849	55.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.280%			
35) Dibromofluoromethane	5.397	113	39809	45.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.580%			
50) Toluene-d8	8.653	98	170014	50.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.085	95	59883	48.381	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1209	5.219	ug/l #	73
16) Acetone	2.386	43	6233	14.132	ug/l	91
18) Methyl Acetate	2.721	43	703	0.599	ug/l #	70
20) Methylene Chloride	2.794	84	3828	3.909	ug/l	88
25) 2-Butanone	4.574	43	2084	2.921	ug/l #	85
29) Tetrahydrofuran	5.032	42	428	1.008	ug/l #	55
31) Cyclohexane	5.556	56	1981	1.556	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	6473	5.107	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7897	6.369	ug/l #	15
41) Methacrylonitrile	5.026	41	255	0.307	ug/l #	12
43) Isopropyl Acetate	6.355	43	13939	5.484	ug/l	93
48) Methyl methacrylate	7.598	41	4167	3.558	ug/l #	10
49) 1,4-Dioxane	7.793	88	108	4.736	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	49326	32.399	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	22120	13.196	ug/l #	63
56) Ethyl methacrylate	9.354	69	398	0.246	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	13257	7.744	ug/l #	42
59) 2-Hexanone	9.488	43	180148	157.326	ug/l #	45
74) N-amyl acetate	10.775	43	391	0.203	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31566	26.713	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	888	0.264	ug/l	78
81) trans-1,4-Dichloro-2-b...	11.085	75	31566	63.294	ug/l #	12

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

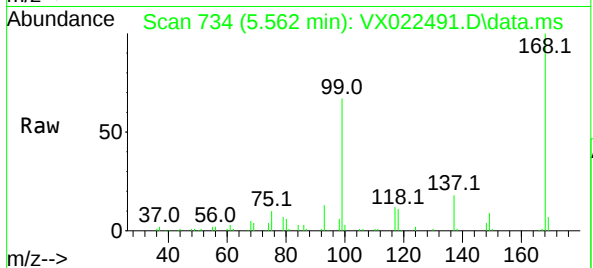
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



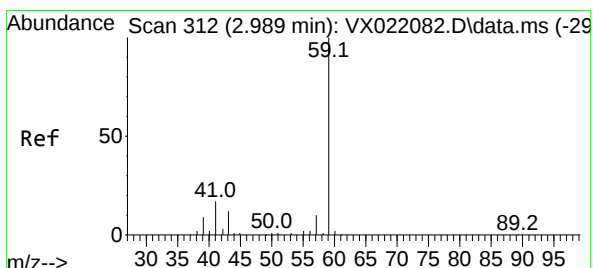
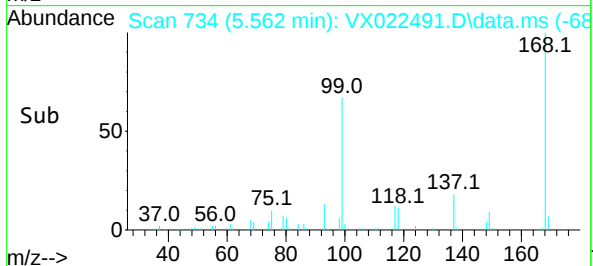
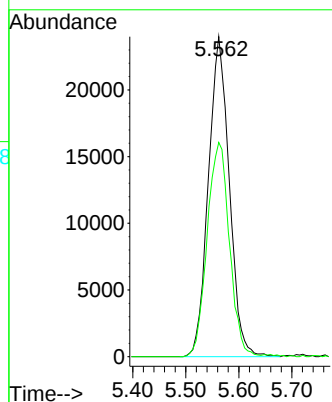


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

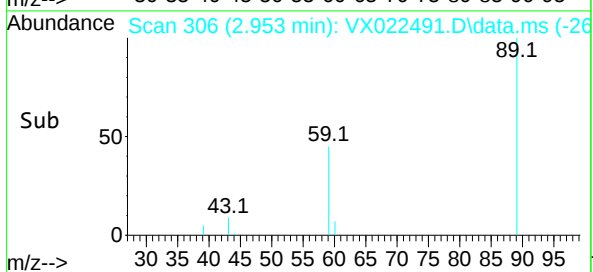
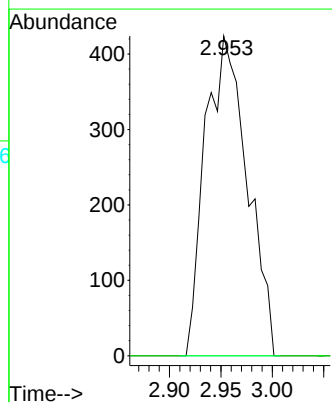
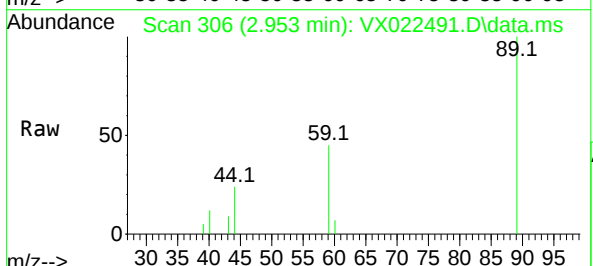


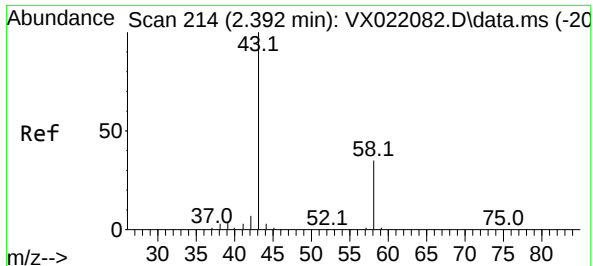
Tgt Ion:168 Resp: 65664
Ion Ratio Lower Upper
168 100
99 67.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.219 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 59 Resp: 1209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

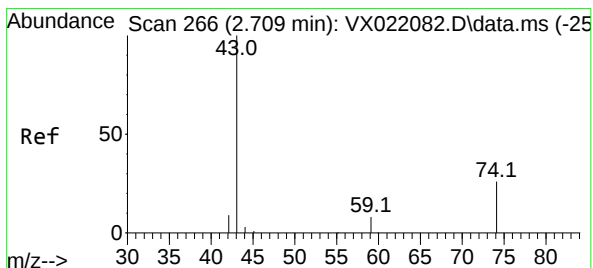
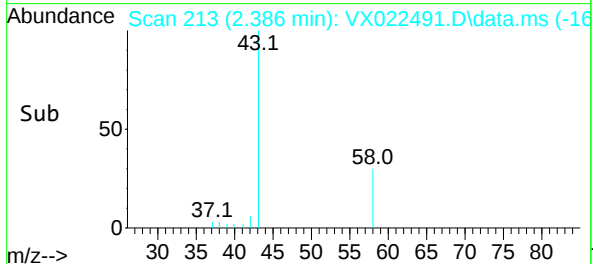
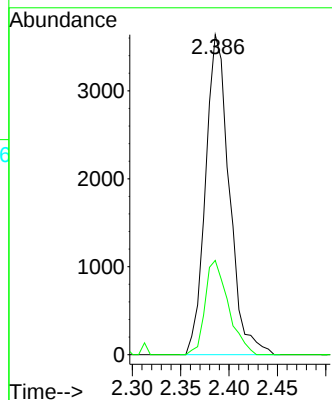
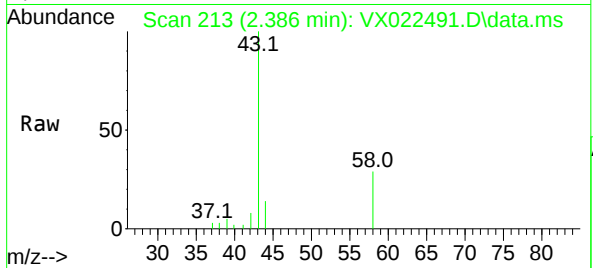




#16
Acetone
Concen: 14.132 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

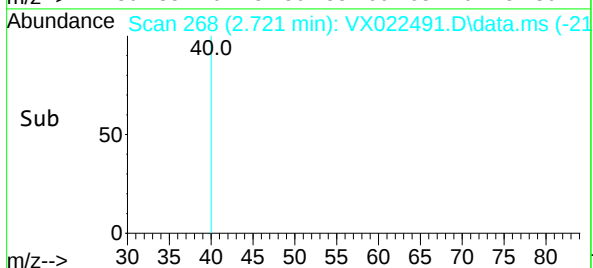
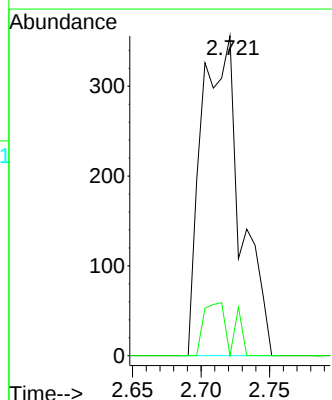
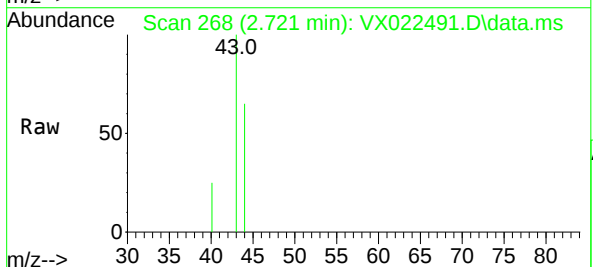
Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

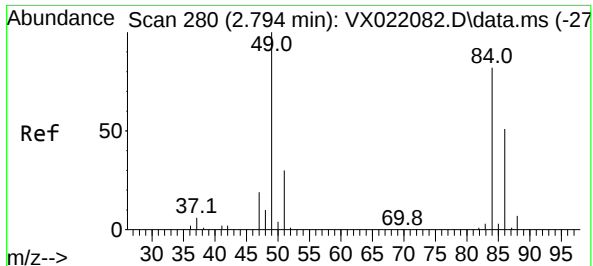
Tgt Ion: 43 Resp: 6233
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.599 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
74 11.7 21.9 32.9#





#20

Methylene Chloride

Concen: 3.909 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022491.D

Acq: 06 Jun 2021 20:30

Instrument :

MSVOA_X

ClientSampleId :

PB136829TB

Tgt Ion: 84 Resp: 3828

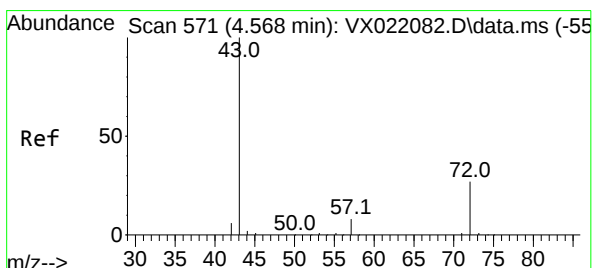
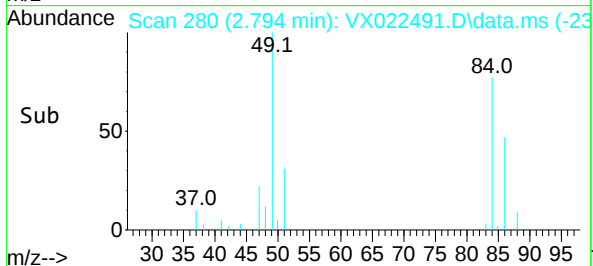
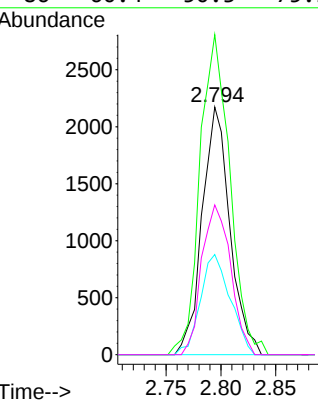
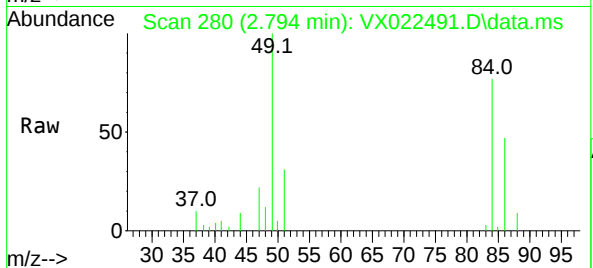
Ion Ratio Lower Upper

84 100

49 129.2 88.6 132.8

51 40.4 27.0 40.6

86 60.4 50.3 75.5



#25

2-Butanone

Concen: 2.921 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022491.D

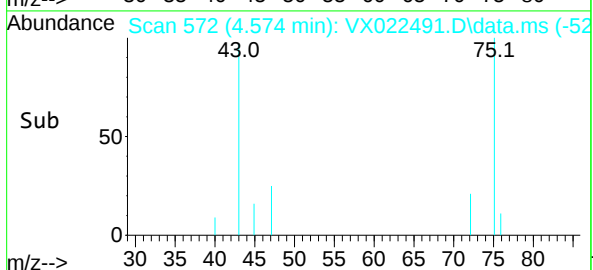
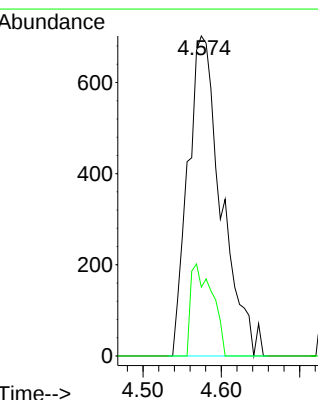
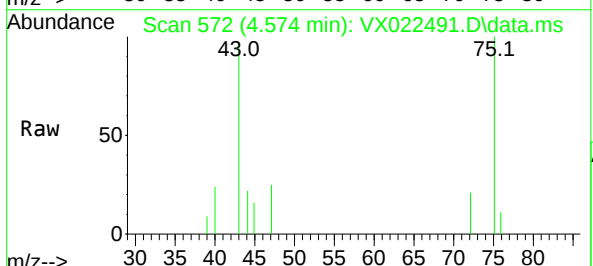
Acq: 06 Jun 2021 20:30

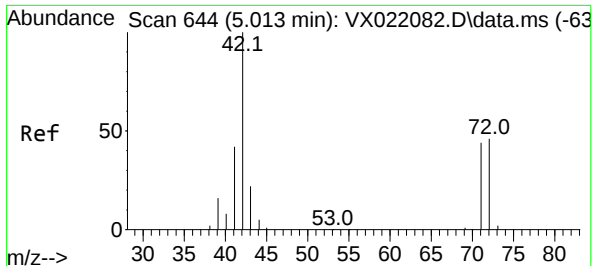
Tgt Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

72 21.5 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.008 ug/l

RT: 5.032 min Scan# 647

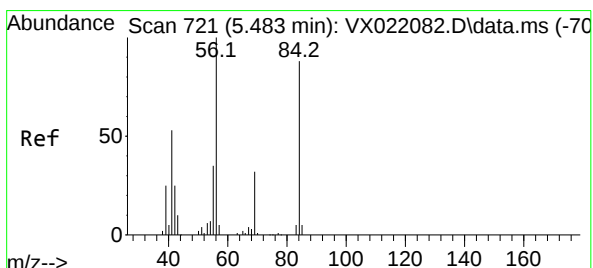
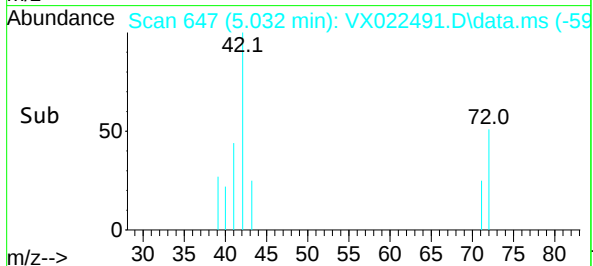
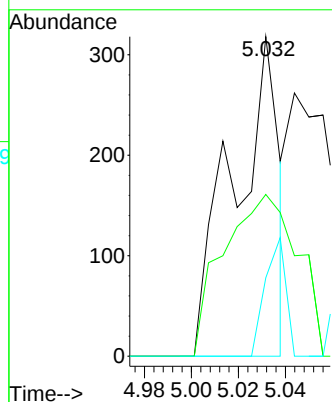
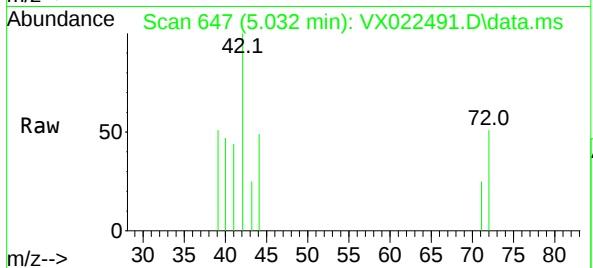
Delta R.T. 0.019 min

Lab File: VX022491.D

Acq: 06 Jun 2021 20:30

Tgt Ion:	42	Resp:	428
Ion	Ratio	Lower	Upper
42	100		
72	82.7	41.7	62.5#
71	16.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB



#31

Cyclohexane

Concen: 1.556 ug/l

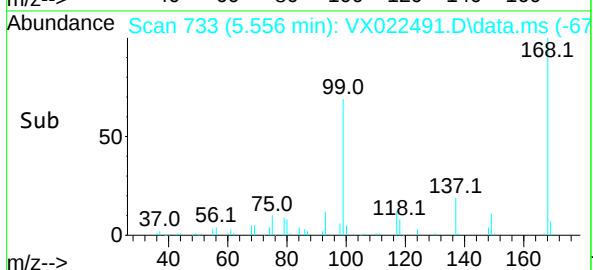
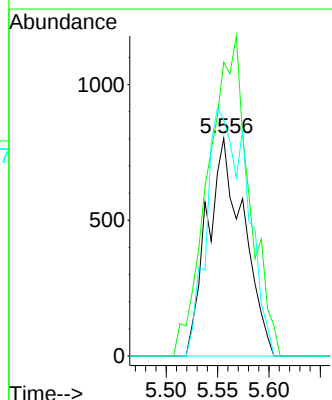
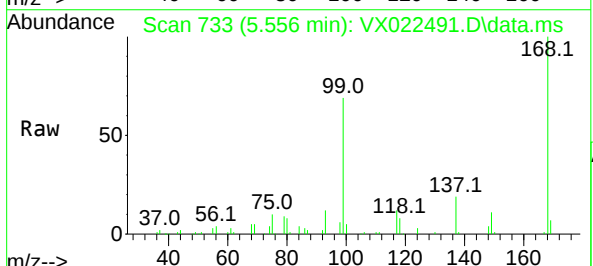
RT: 5.556 min Scan# 733

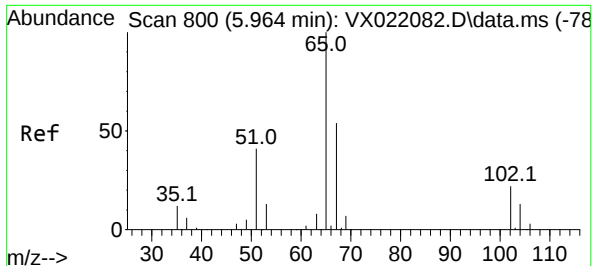
Delta R.T. 0.073 min

Lab File: VX022491.D

Acq: 06 Jun 2021 20:30

Tgt Ion:	56	Resp:	1981
Ion	Ratio	Lower	Upper
56	100		
69	134.9	25.3	37.9#
84	108.5	71.4	107.0#



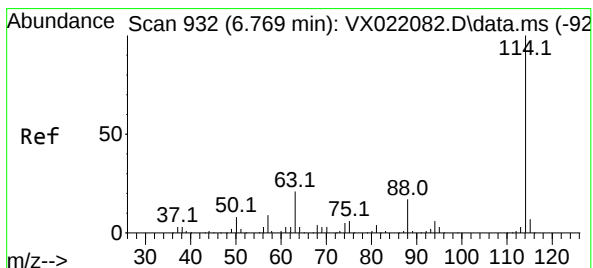
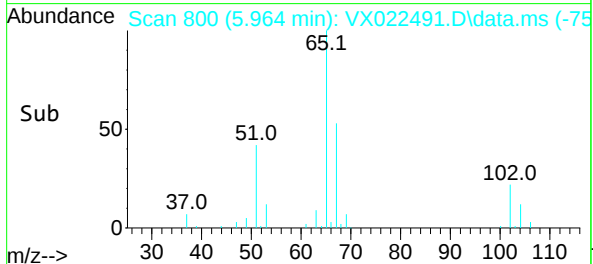
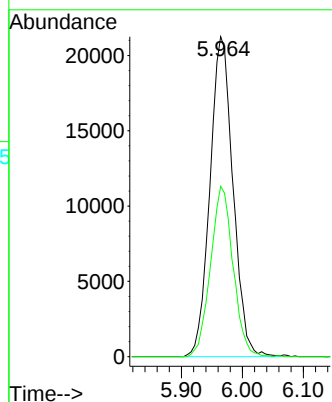
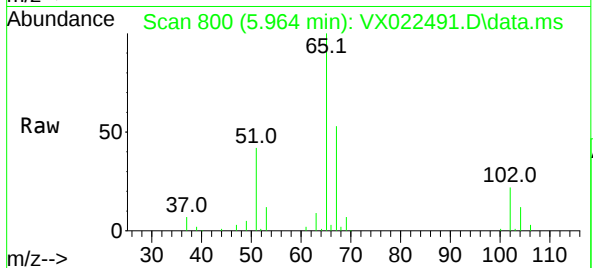


#33

1,2-Dichloroethane-d4
Concen: 55.137 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

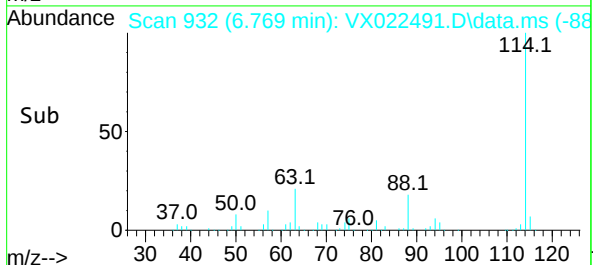
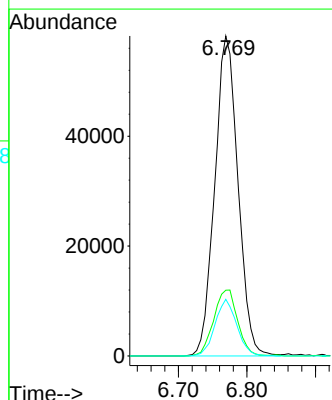
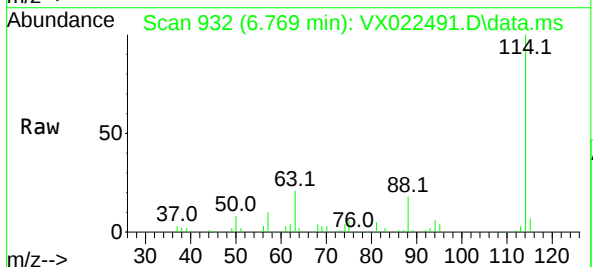
Tgt Ion: 65 Resp: 55849
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4



#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

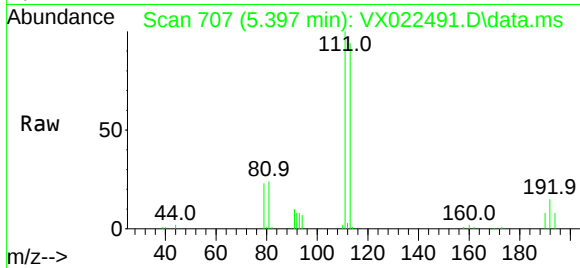
Tgt Ion: 114 Resp: 137083
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 17.7 0.0 32.8



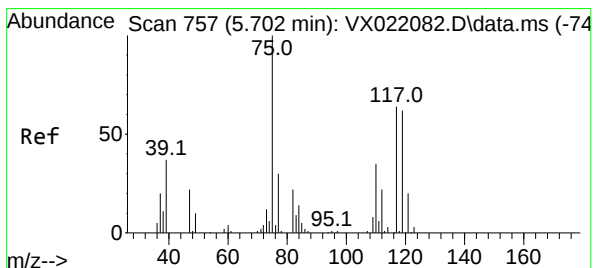
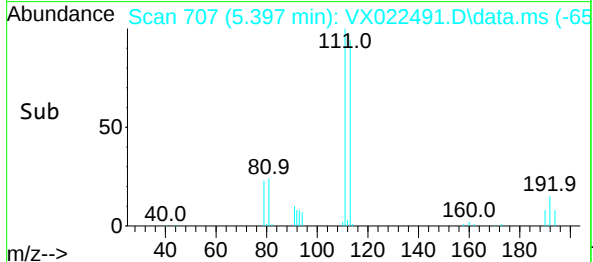
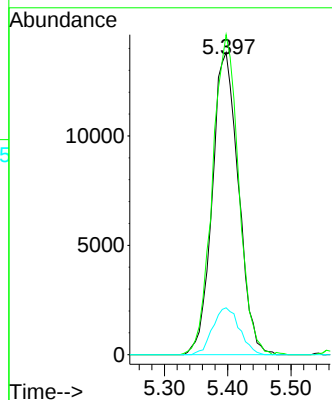


#35
Dibromofluoromethane
Concen: 45.794 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

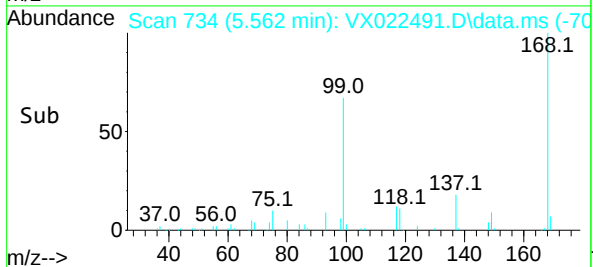
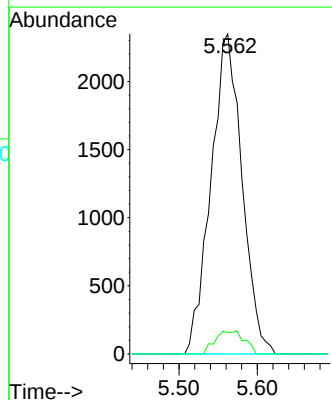
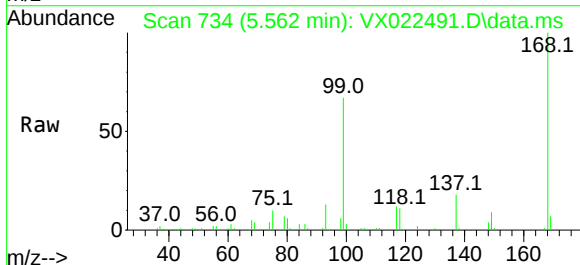


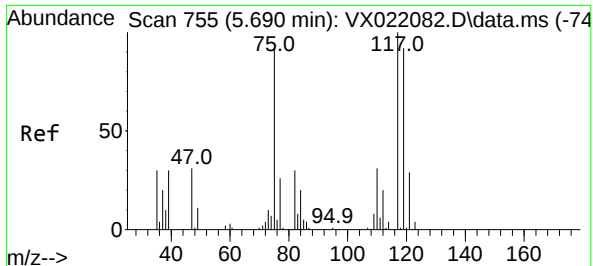
Tgt Ion:113 Resp: 39809
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 15.8 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

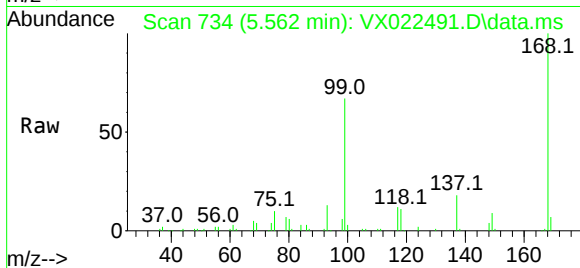
Tgt Ion: 75 Resp: 6473
Ion Ratio Lower Upper
75 100
110 6.8 18.1 54.4#
77 0.0 25.3 37.9#



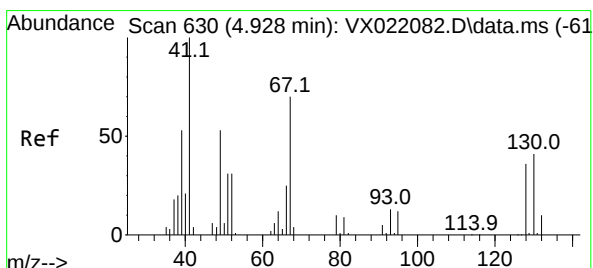
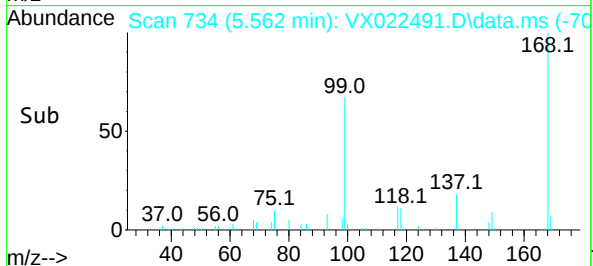
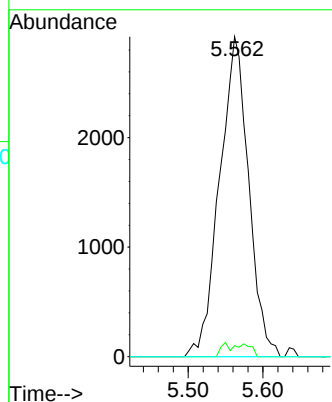


#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

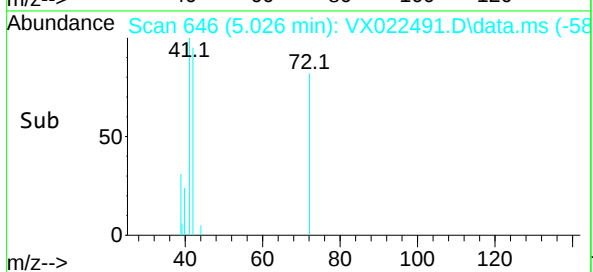
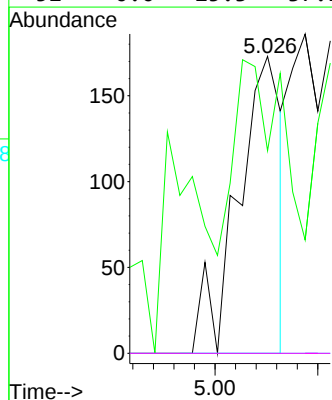
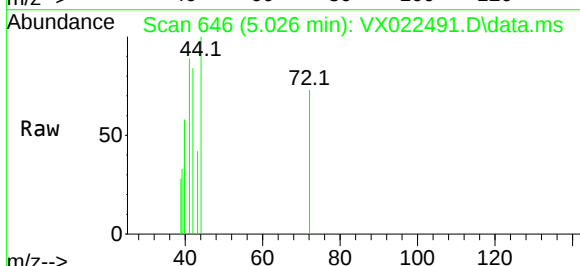


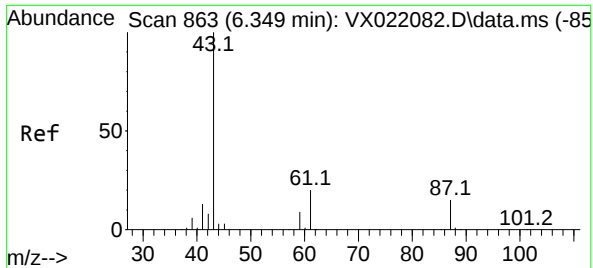
Tgt Ion:117 Resp: 7897
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.307 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.098 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 41 Resp: 255
Ion Ratio Lower Upper
41 100
39 125.9 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

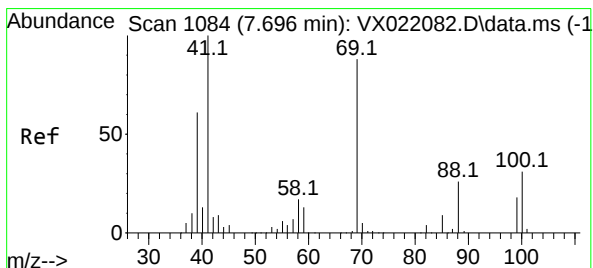
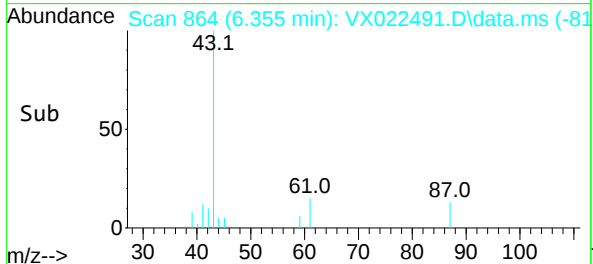
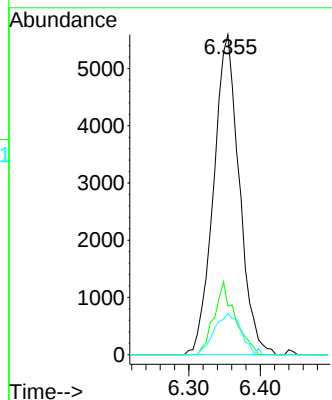
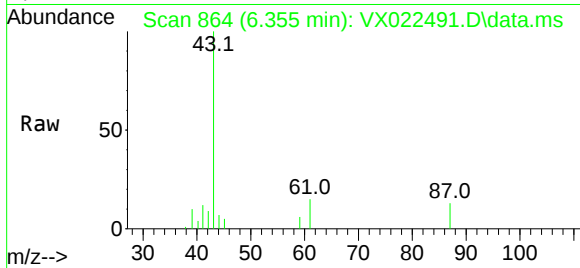




#43
Isopropyl Acetate
Concen: 5.484 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

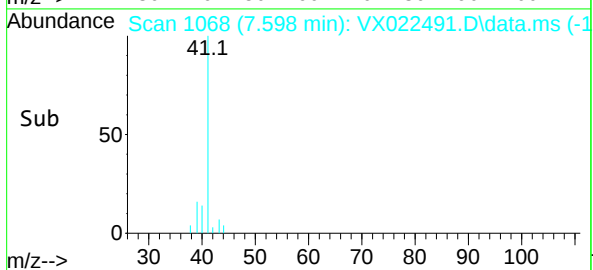
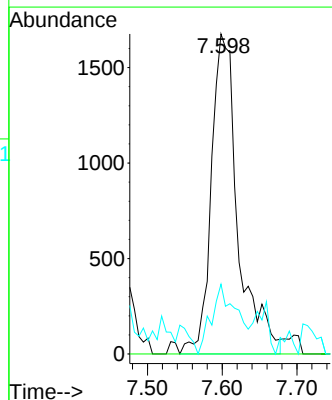
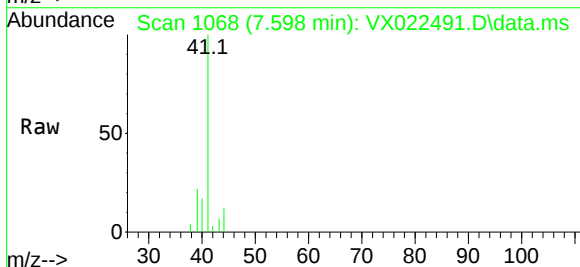
Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

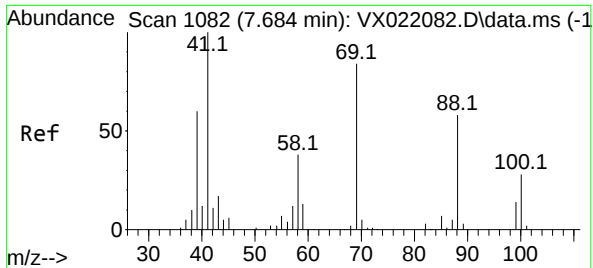
Tgt Ion: 43	Resp: 13939
Ion Ratio	Lower Upper
43 100	
61 18.8	18.2 27.4
87 13.4	12.5 18.7



#48
Methyl methacrylate
Concen: 3.558 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 41	Resp: 4167
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: 4.736 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX022491.D

Acq: 06 Jun 2021 20:30

Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

43 721238.9 23.2 34.8#

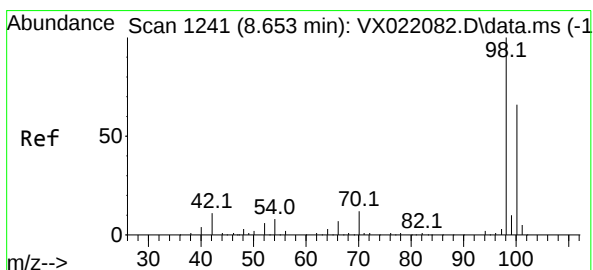
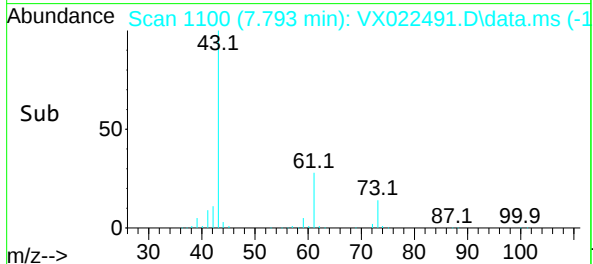
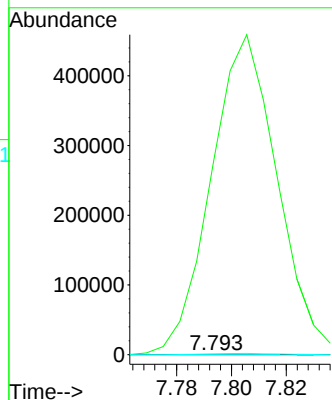
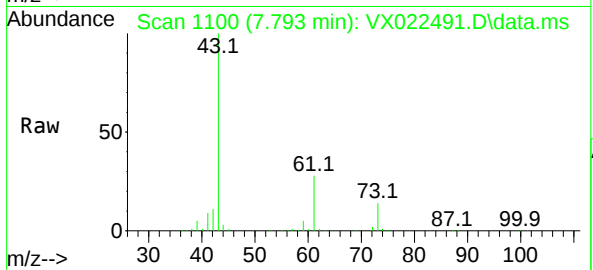
58 2892.6 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

PB136829TB



#50

Toluene-d8

Concen: 50.770 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022491.D

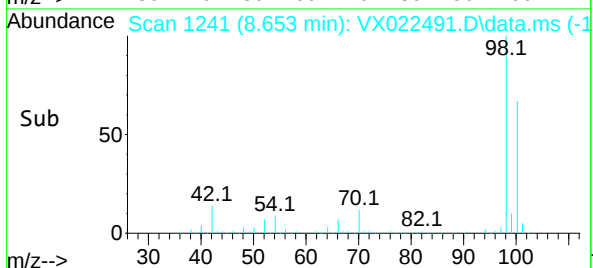
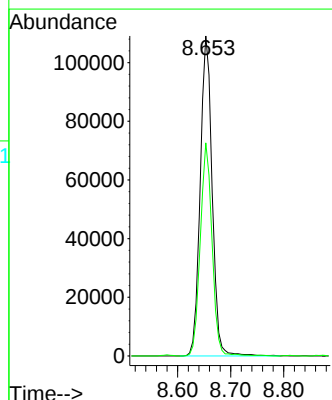
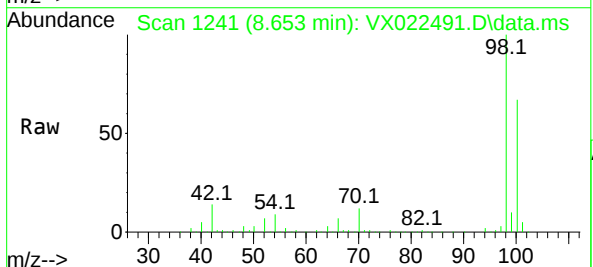
Acq: 06 Jun 2021 20:30

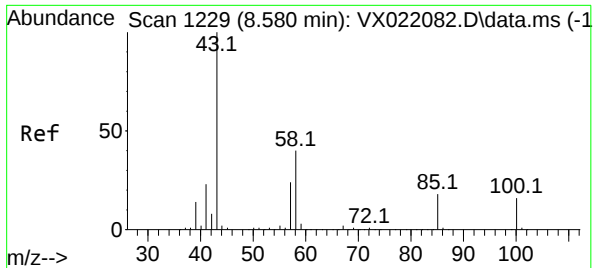
Tgt Ion: 98 Resp: 170014

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9

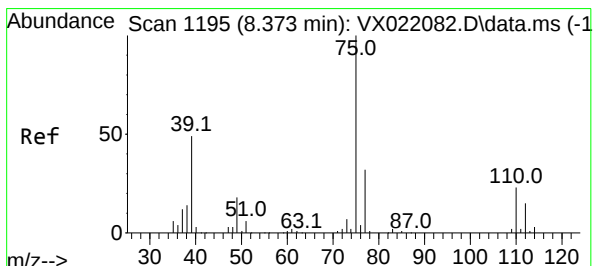
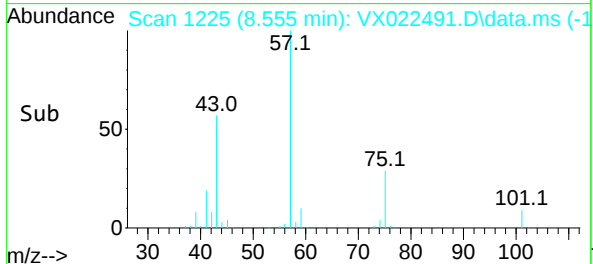
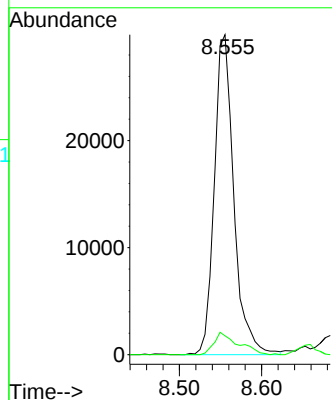
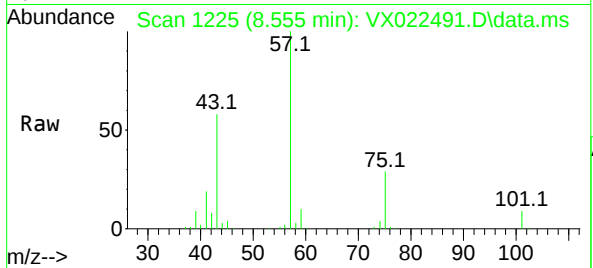




#51
4-Methyl-2-Pentanone
Concen: 32.399 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

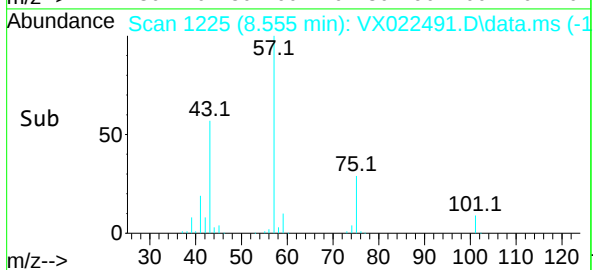
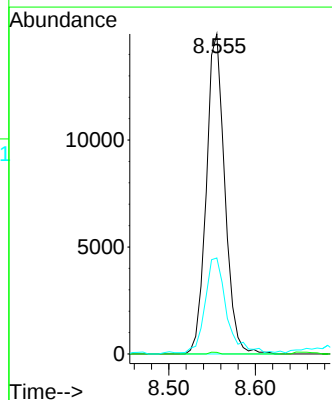
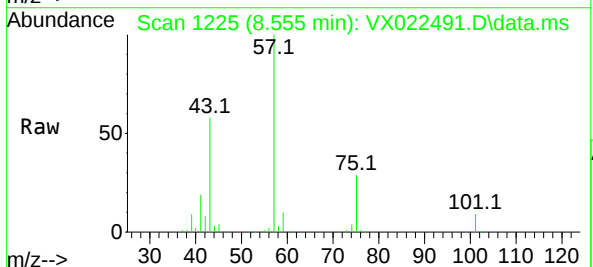
Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

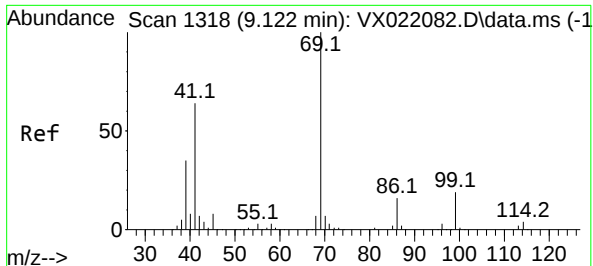
Tgt Ion: 43 Resp: 49326
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.196 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 75 Resp: 22120
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 29.6 35.1 52.7#





#56

Ethyl methacrylate

Concen: 0.246 ug/l

RT: 9.354 min Scan# 1356

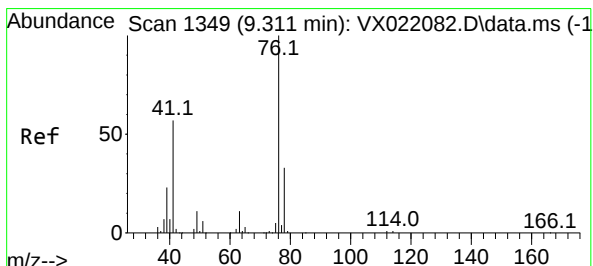
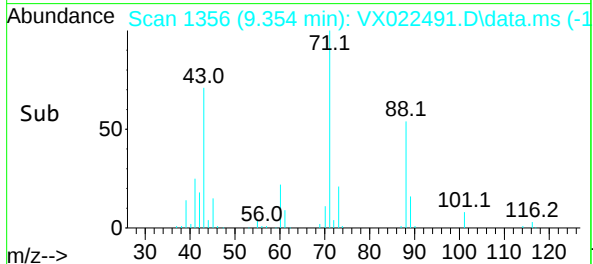
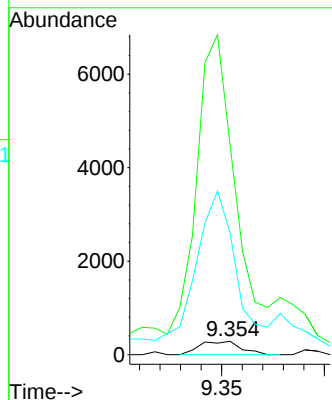
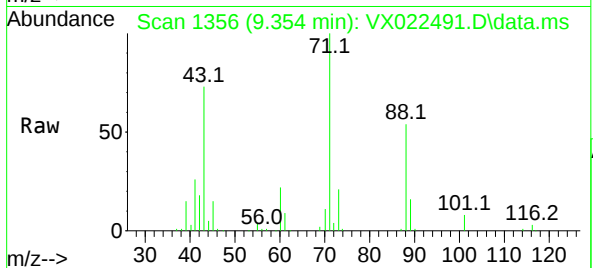
Delta R.T. 0.232 min

Lab File: VX022491.D

Acq: 06 Jun 2021 20:30

Tgt Ion:	69	Resp:	398
Ion	Ratio	Lower	Upper
69	100		
41	2424.6	46.8	70.2#
39	1205.5	24.7	37.1#

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB



#57

1,3-Dichloropropane

Concen: 7.744 ug/l

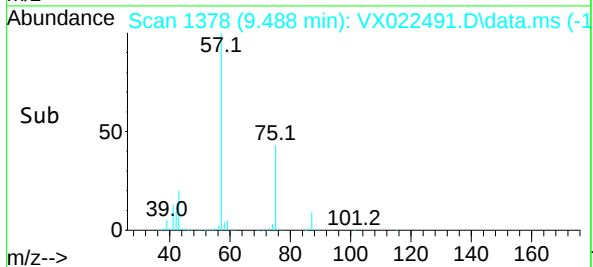
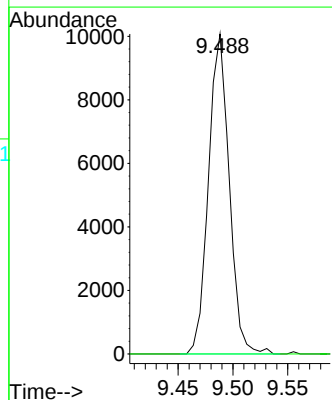
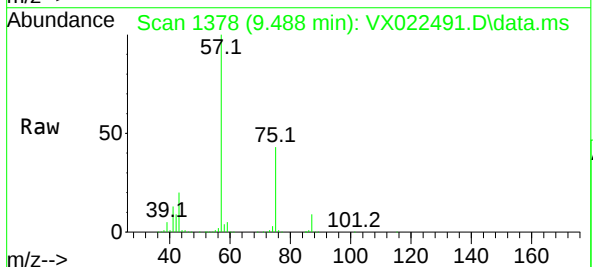
RT: 9.488 min Scan# 1378

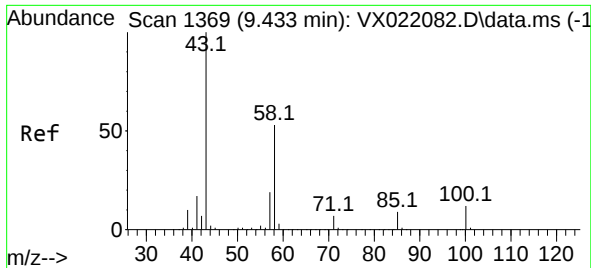
Delta R.T. 0.177 min

Lab File: VX022491.D

Acq: 06 Jun 2021 20:30

Tgt Ion:	76	Resp:	13257
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

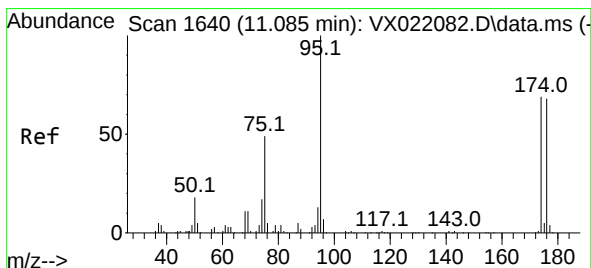
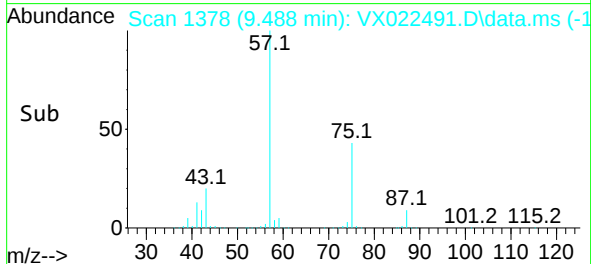
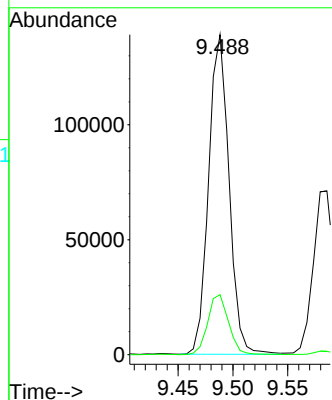
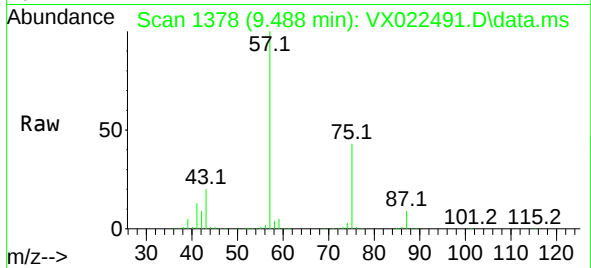




#59
2-Hexanone
Concen: 157.326 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

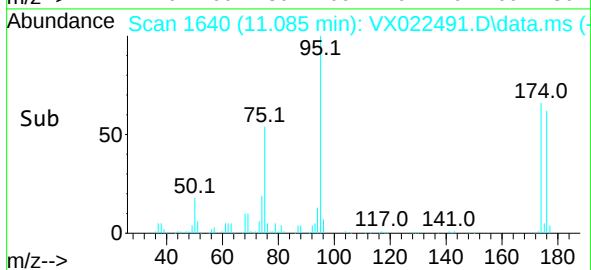
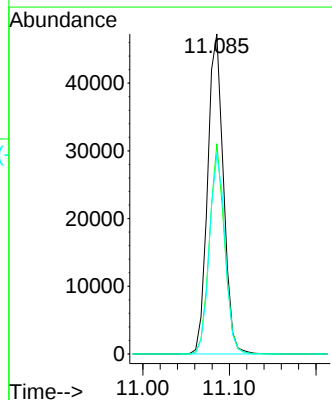
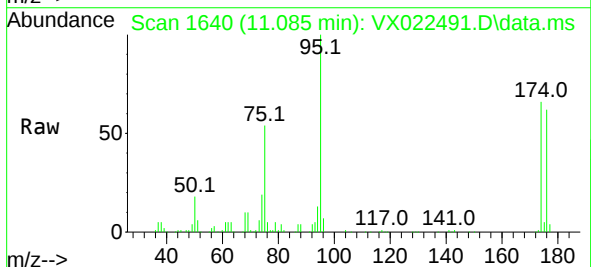
Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

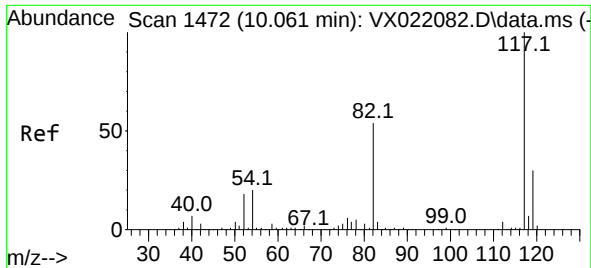
Tgt Ion: 43 Resp: 180148
Ion Ratio Lower Upper
43 100
58 19.3 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.381 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 95 Resp: 59883
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 61.7 0.0 155.8

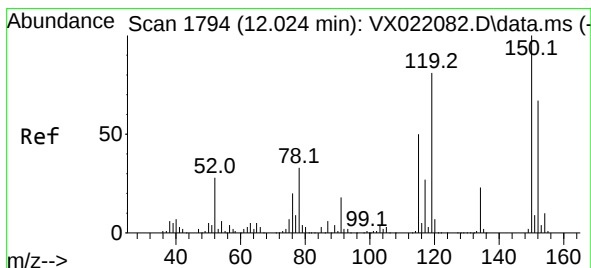
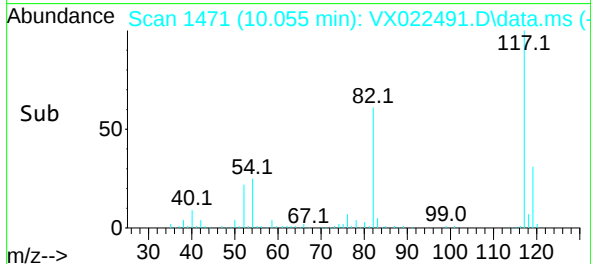
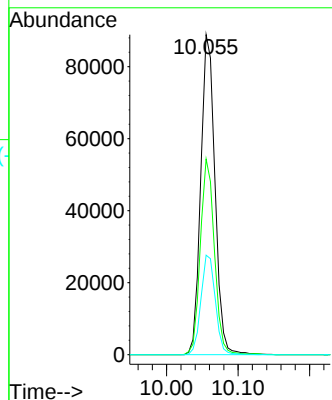
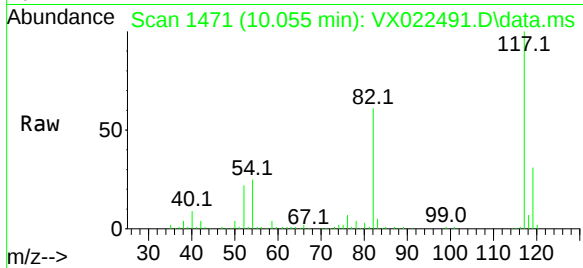




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

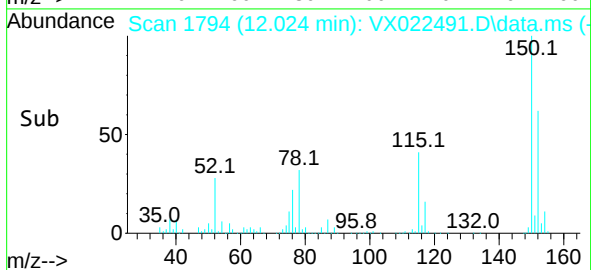
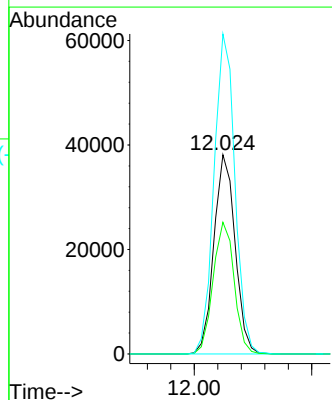
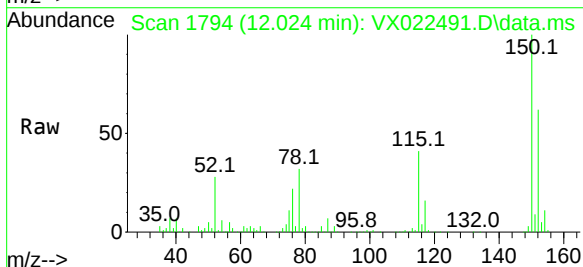
Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

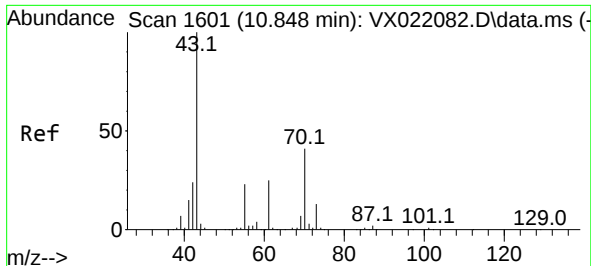
Tgt Ion:117 Resp: 122788
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion:152 Resp: 47898
Ion Ratio Lower Upper
152 100
115 65.6 41.1 123.3
150 158.0 0.0 349.0

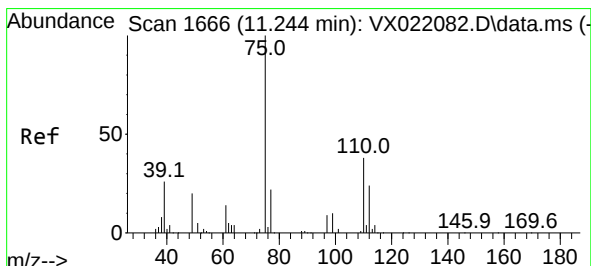
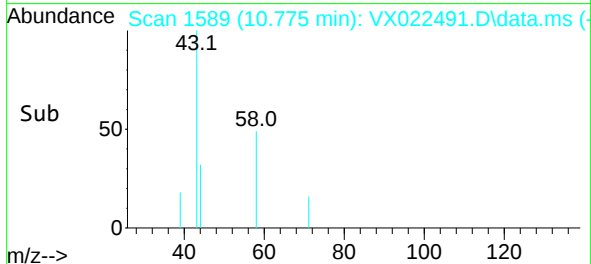
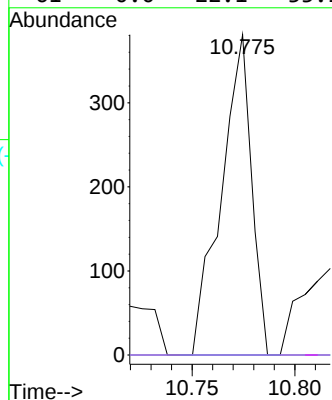
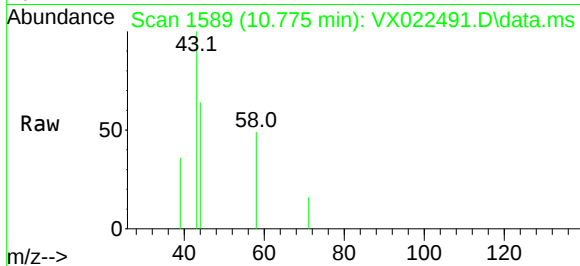




#74
N-amy1 acetate
Concen: 0.203 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

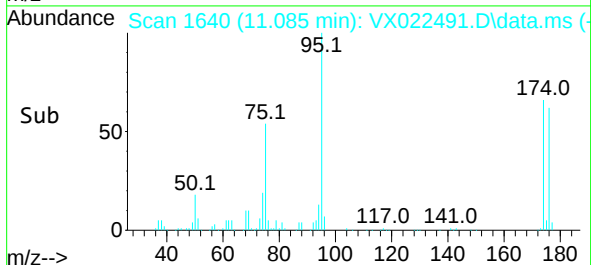
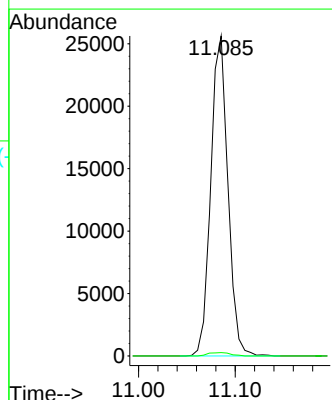
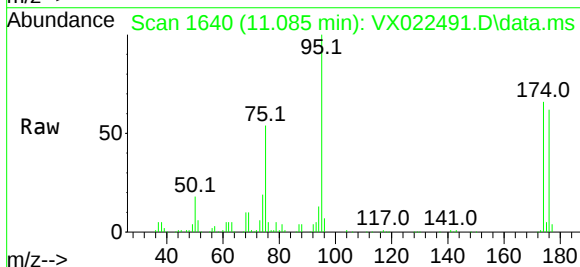
Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

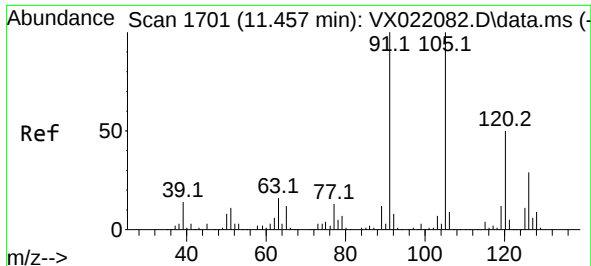
Tgt Ion: 43	Resp: 391
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.713 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 75	Resp: 31566
Ion Ratio	Lower Upper
75 100	
77 1.4	19.1 57.5#

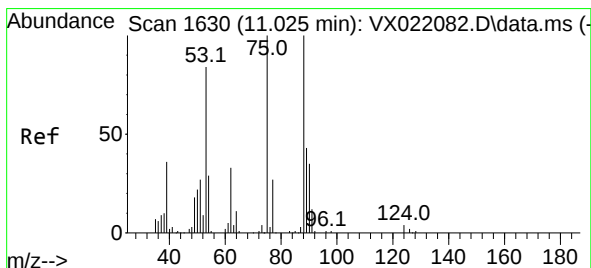
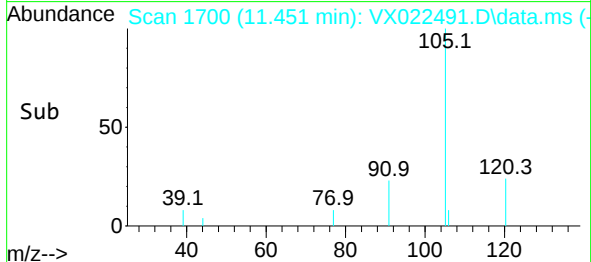
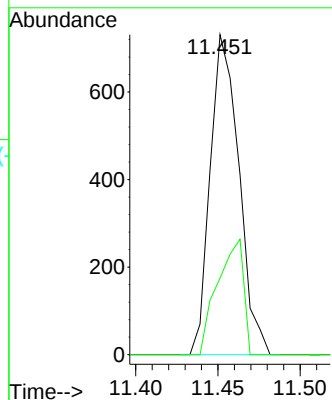
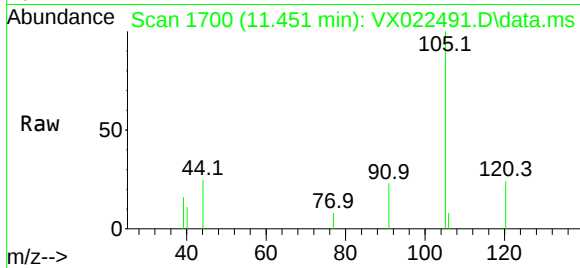




#80
1,3,5-Trimethylbenzene
Concen: 0.264 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Instrument :
MSVOA_X
ClientSampleId :
PB136829TB

Tgt Ion:105 Resp: 888
Ion Ratio Lower Upper
105 100
120 32.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.294 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022491.D
Acq: 06 Jun 2021 20:30

Tgt Ion: 75 Resp: 31566
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

