

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005444.D
 Acq On : 26 Jul 2021 15:02
 Operator : SY/MD
 Sample : M3138-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:10:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

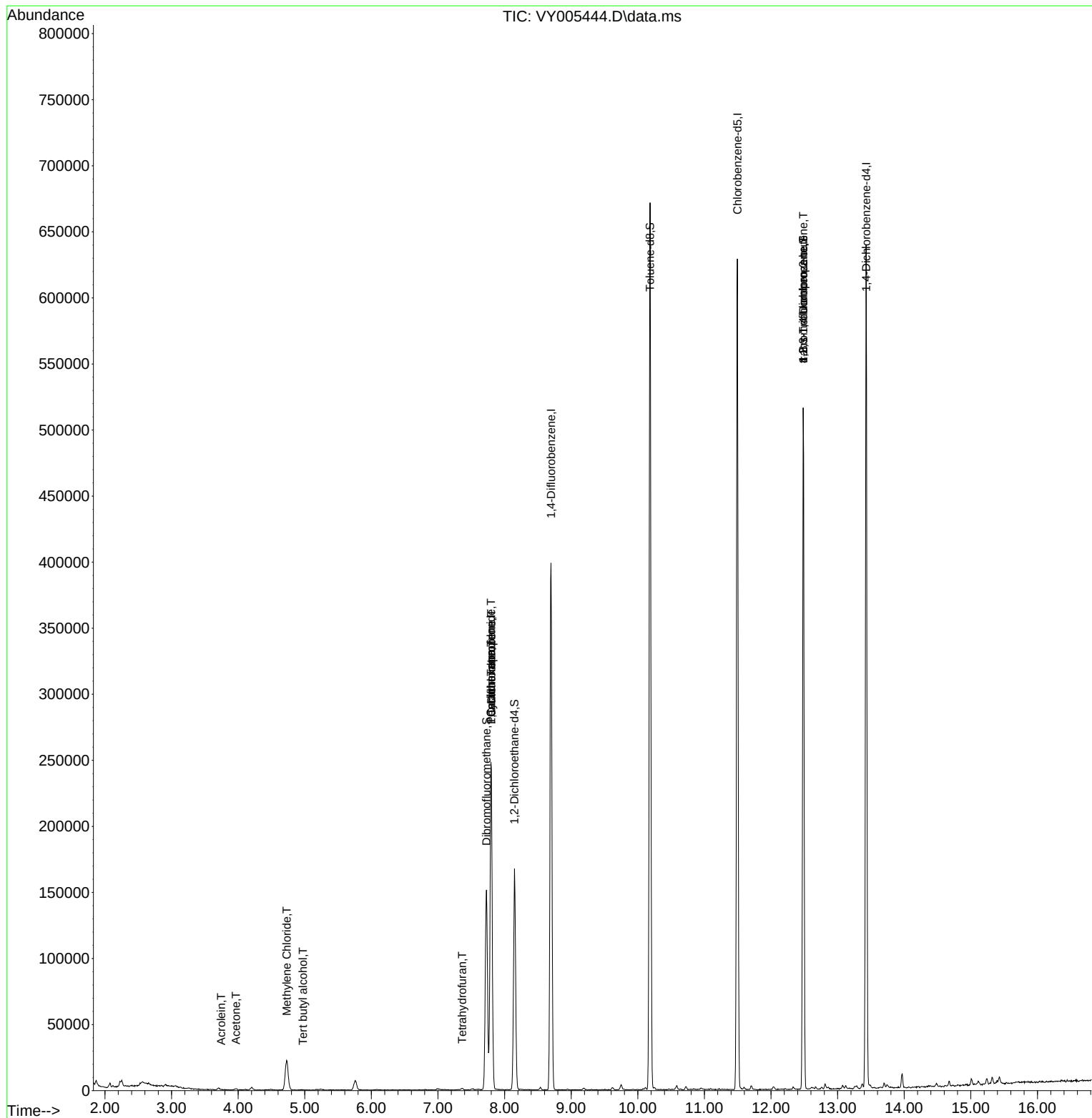
Internal Standards						
1) Pentafluorobenzene	7.801	168	202186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130167	60.262	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.520%			
35) Dibromofluoromethane	7.728	113	102864	52.555	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.100%			
50) Toluene-d8	10.185	98	430343	51.876	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.760%			
62) 4-Bromofluorobenzene	12.483	95	146023	53.333	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	254	1.245	ug/l #	82
13) Acrolein	3.747	56	200	1.070	ug/l #	15
16) Acetone	3.967	43	1786	3.621	ug/l	94
20) Methylene Chloride	4.729	84	17697	5.158	ug/l	94
29) Tetrahydrofuran	7.362	42	927	1.895	ug/l #	84
31) Cyclohexane	7.795	56	4675	1.268	ug/l #	44
36) 1,1-Dichloropropene	7.801	75	13824	4.218	ug/l #	52
38) Carbon Tetrachloride	7.795	117	18242	5.093	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	78898	50.277	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78898	97.624	ug/l #	11

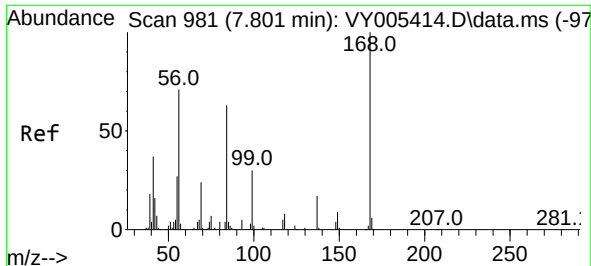
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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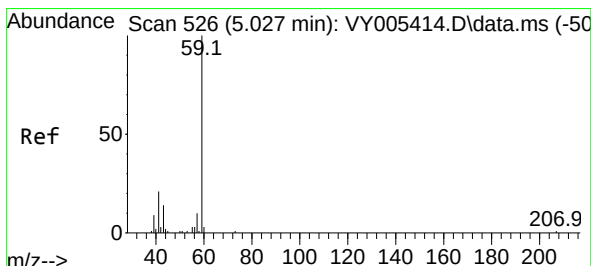
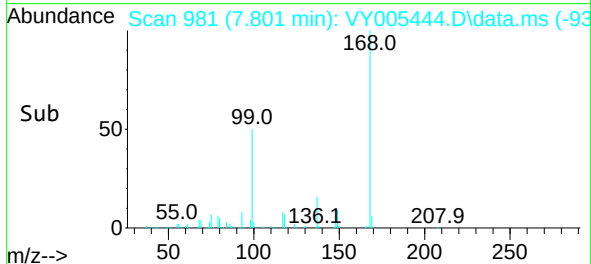
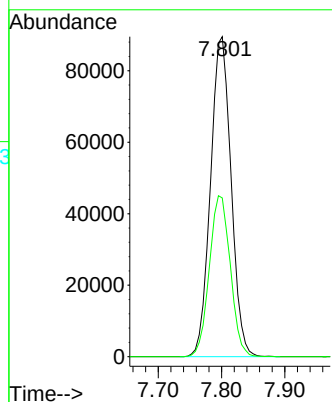
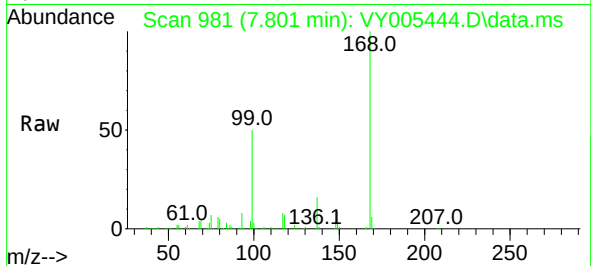




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

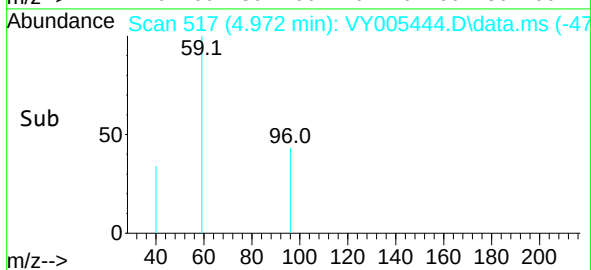
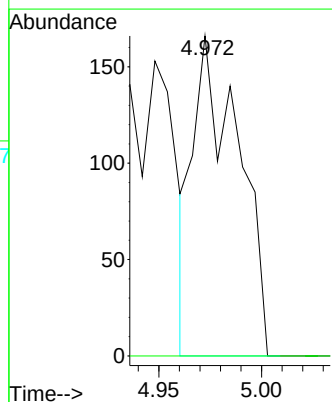
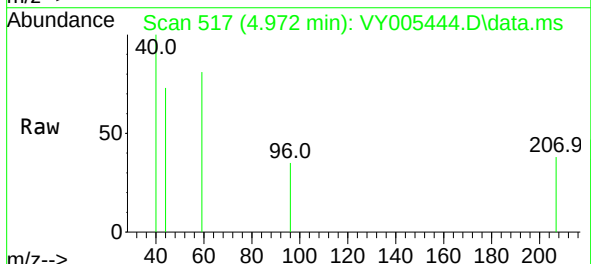
Instrument :
MSVOA_Y
ClientSampled :

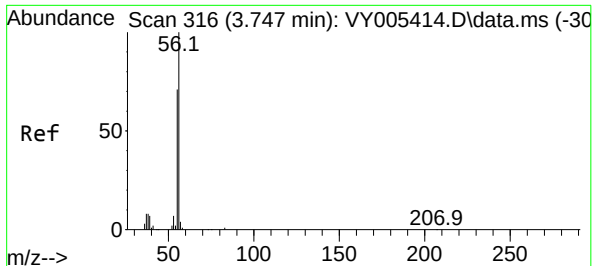
Tgt Ion:168 Resp: 202186
Ion Ratio Lower Upper
168 100
99 49.6 39.8 59.6



#11
Tert butyl alcohol
Concen: 1.245 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.055 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

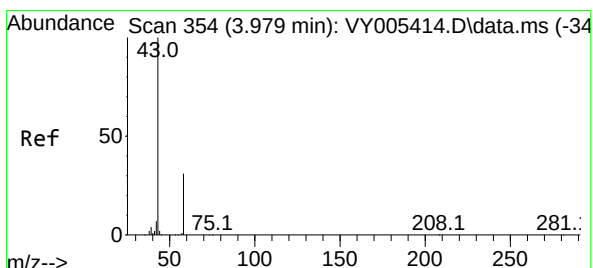
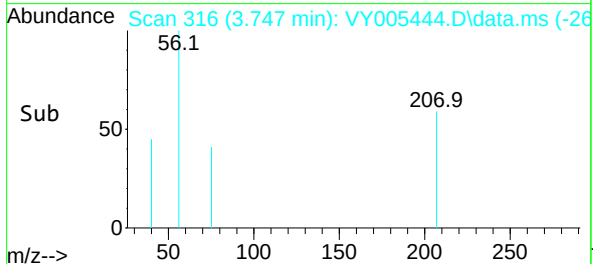
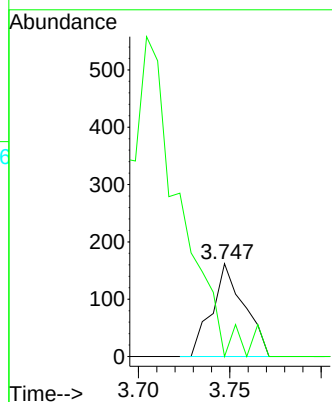
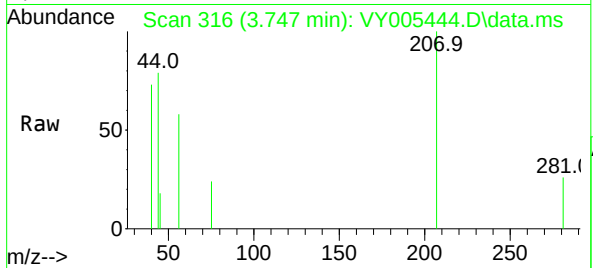




#13
Acrolein
Concen: 1.070 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

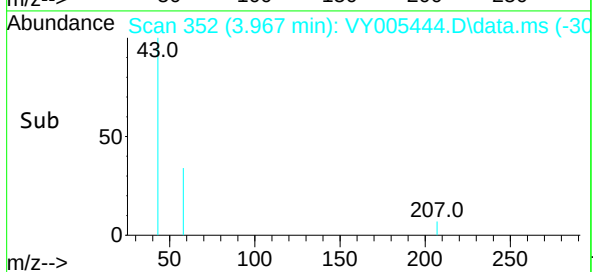
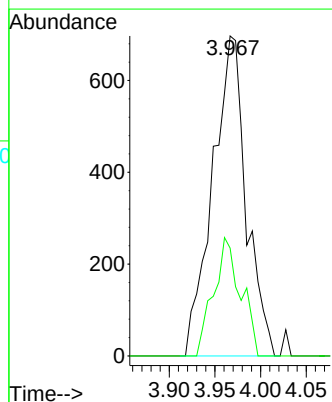
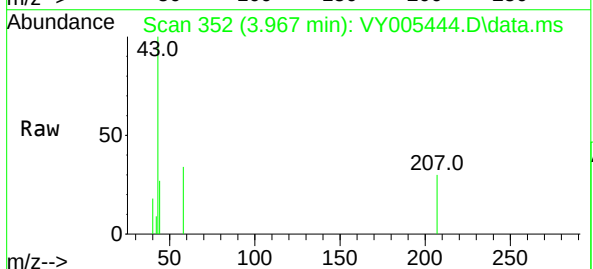
Instrument :
MSVOA_Y
ClientSampled :

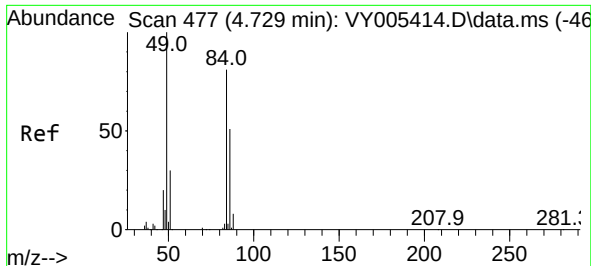
Tgt Ion: 56 Resp: 200
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



#16
Acetone
Concen: 3.621 ug/l
RT: 3.967 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion: 43 Resp: 1786
Ion Ratio Lower Upper
43 100
58 33.7 24.5 36.7





#20

Methylene Chloride

Concen: 5.158 ug/l

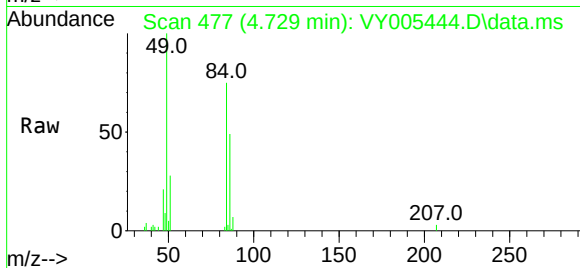
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005444.D

Acq: 26 Jul 2021 15:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 17697

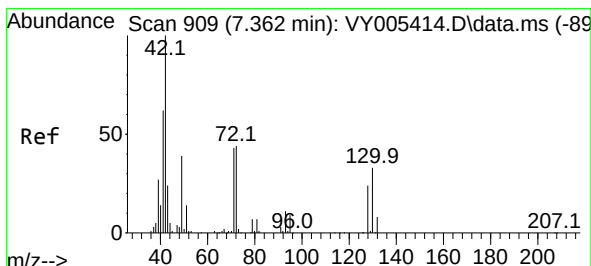
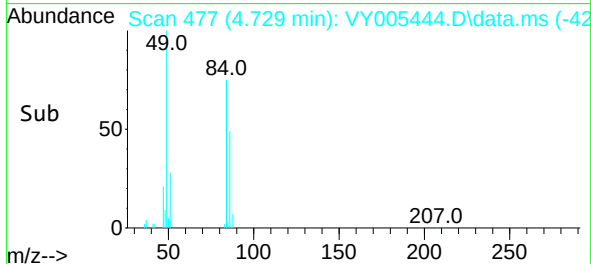
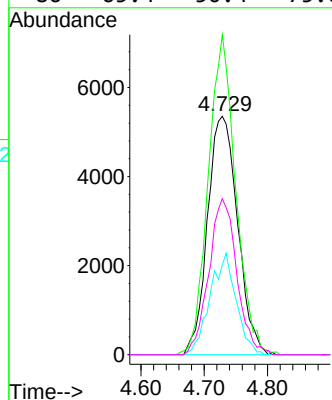
Ion Ratio Lower Upper

84 100

49 134.2 98.9 148.3

51 37.6 30.0 45.0

86 65.4 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.895 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY005444.D

Acq: 26 Jul 2021 15:02

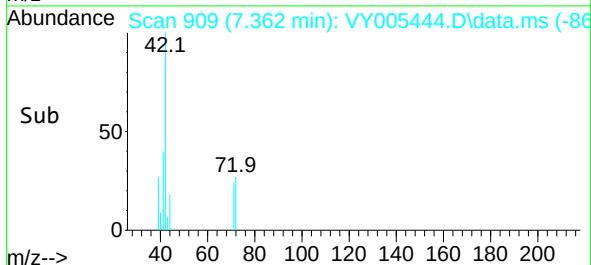
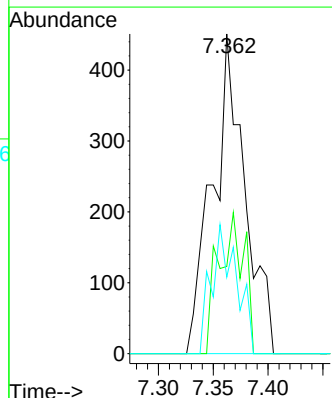
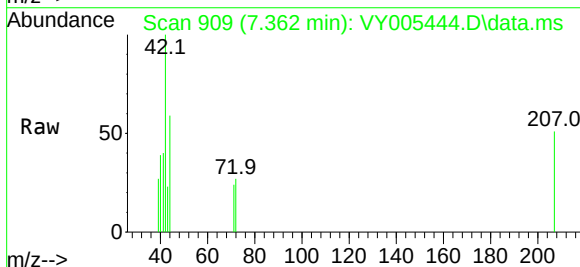
Tgt Ion: 42 Resp: 927

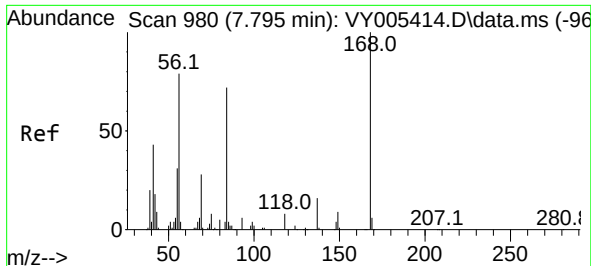
Ion Ratio Lower Upper

42 100

72 34.4 35.3 52.9#

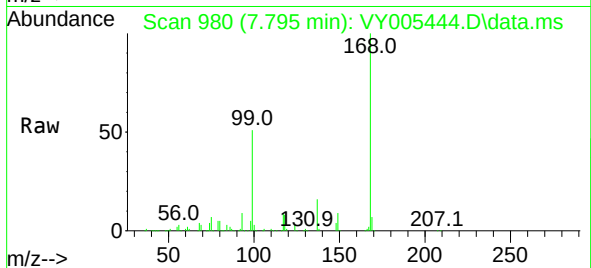
71 31.4 33.4 50.2#



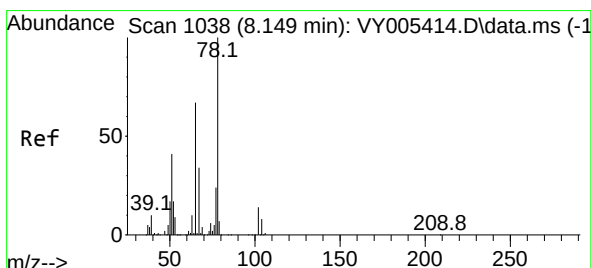
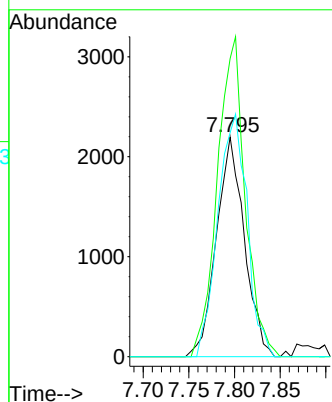
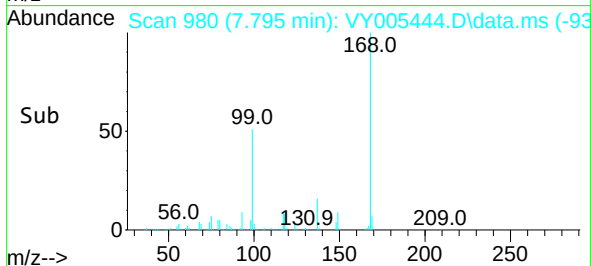


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

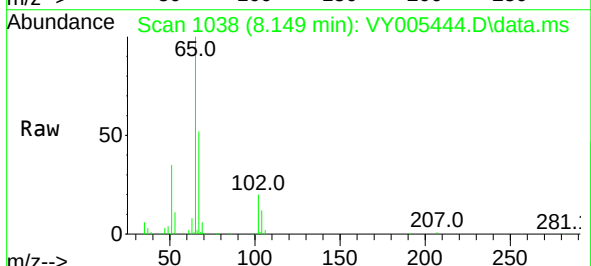
Instrument :
MSVOA_Y
ClientSampled :



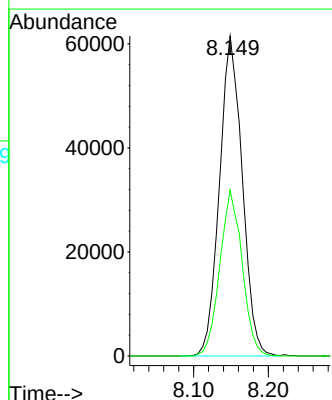
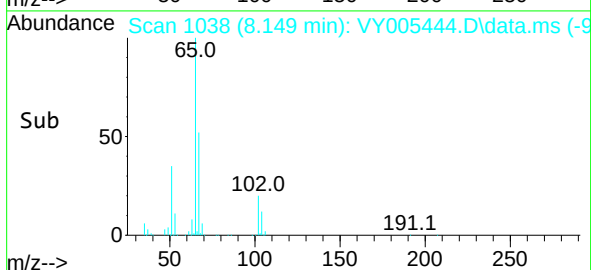
Tgt Ion: 56 Resp: 4675
Ion Ratio Lower Upper
56 100
69 135.7 28.7 43.1#
84 102.0 73.0 109.6

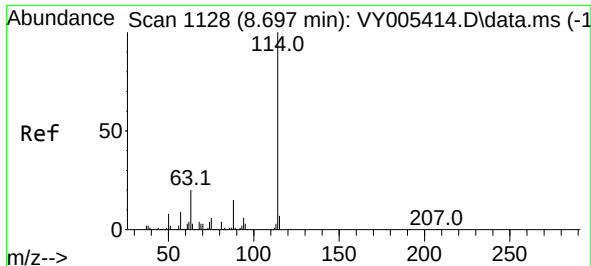


#33
1,2-Dichloroethane-d4
Concen: 60.262 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02



Tgt Ion: 65 Resp: 130167
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2

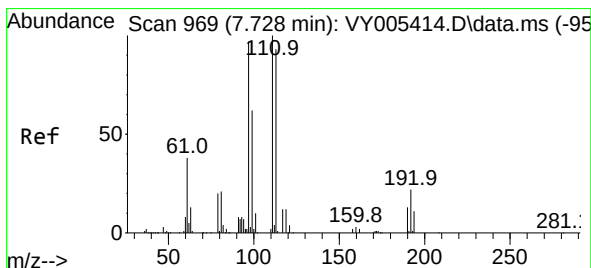
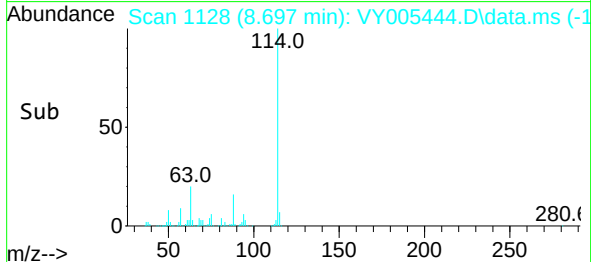
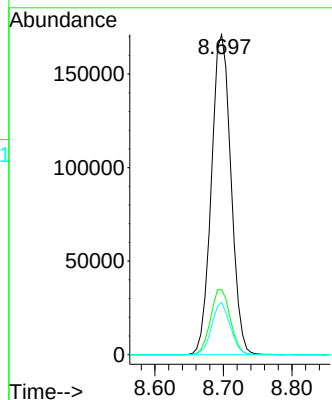
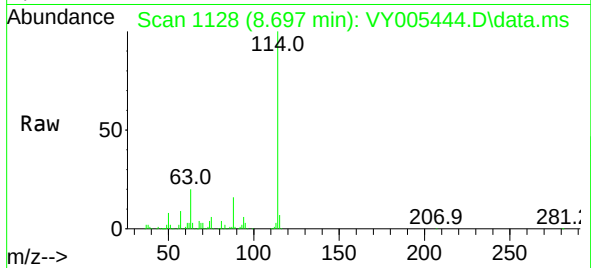




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

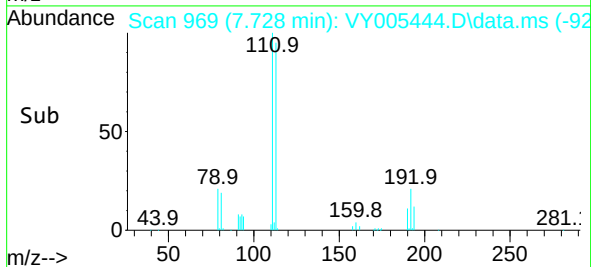
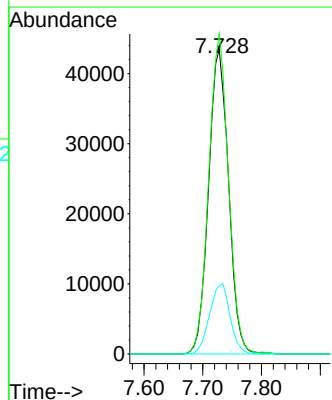
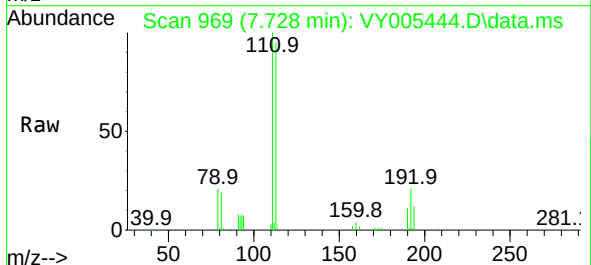
Instrument :
MSVOA_Y
ClientSampled :

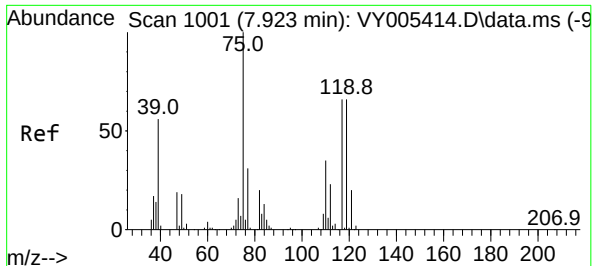
Tgt Ion:114 Resp: 338974
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 16.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.555 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion:113 Resp: 102864
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 23.5 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.218 ug/l

RT: 7.801 min Scan# 981

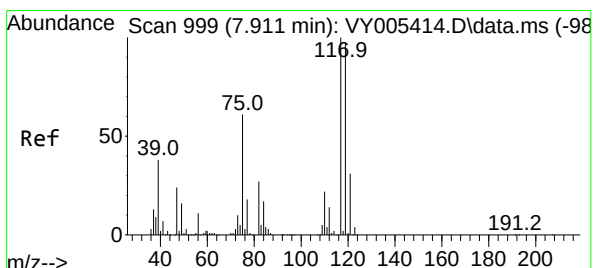
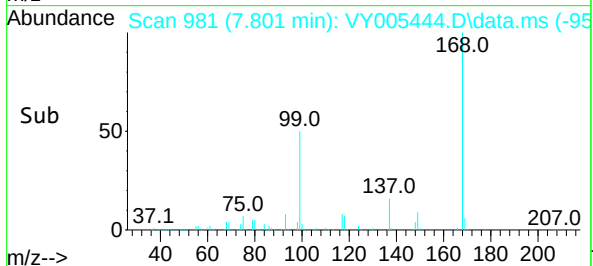
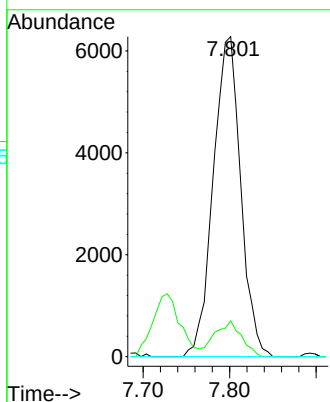
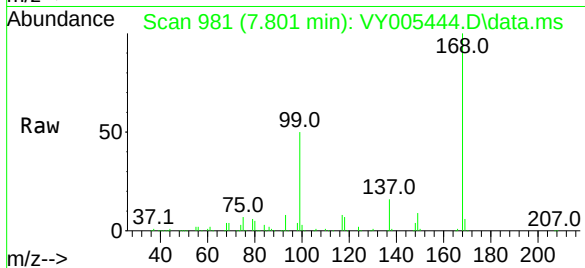
Delta R.T. -0.122 min

Lab File: VY005444.D

Acq: 26 Jul 2021 15:02

Tgt Ion:	75	Resp:	13824
Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.6	52.9#
77	0.0	24.6	37.0#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.093 ug/l

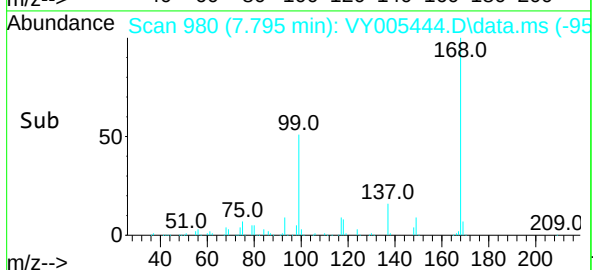
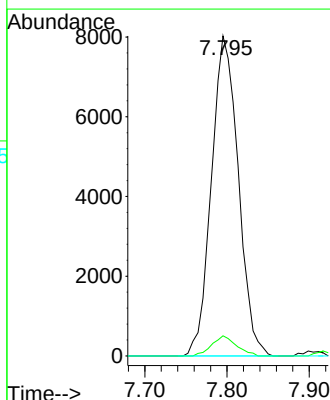
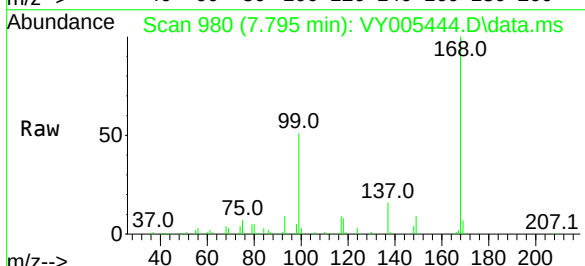
RT: 7.795 min Scan# 980

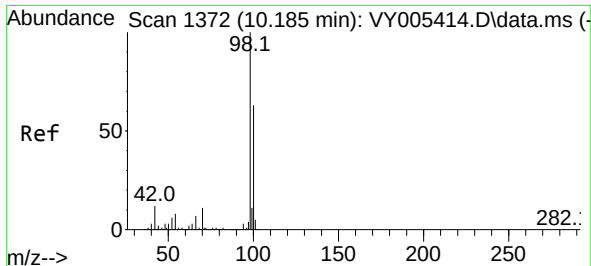
Delta R.T. -0.116 min

Lab File: VY005444.D

Acq: 26 Jul 2021 15:02

Tgt Ion:	117	Resp:	18242
Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.2	115.8#
121	0.0	25.1	37.7#

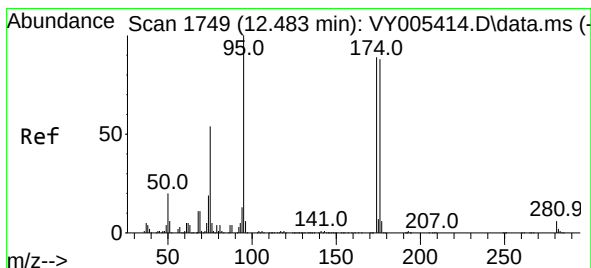
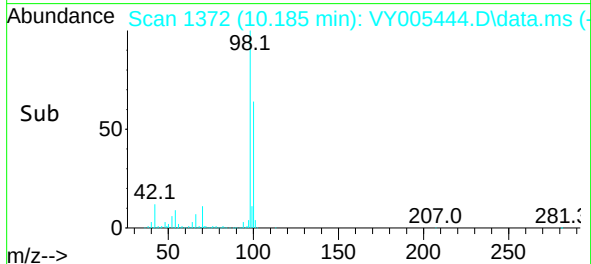
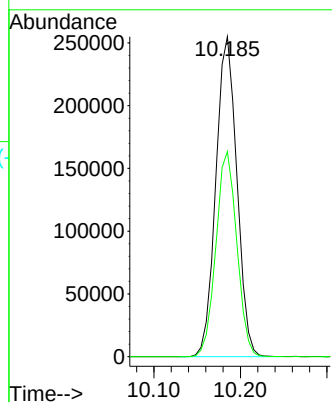
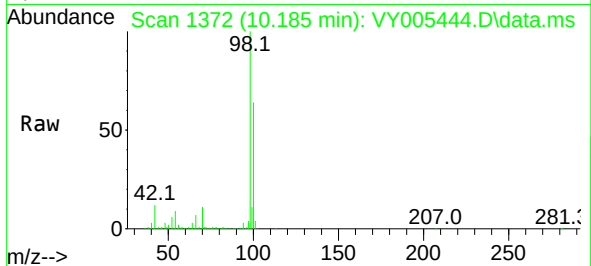




#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

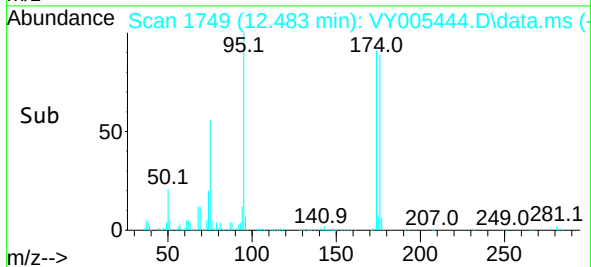
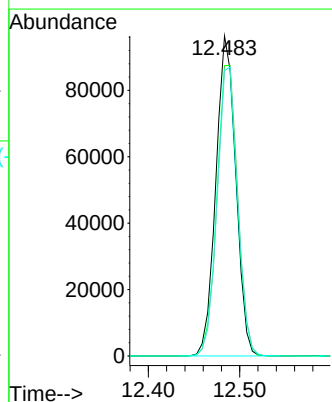
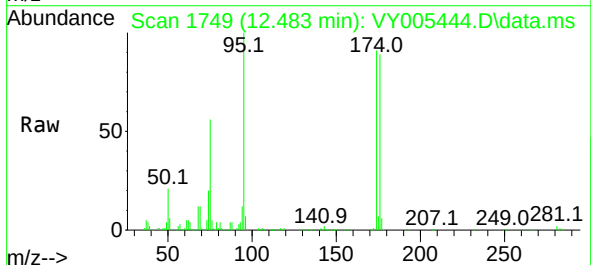
Instrument :
MSVOA_Y
ClientSampleId :

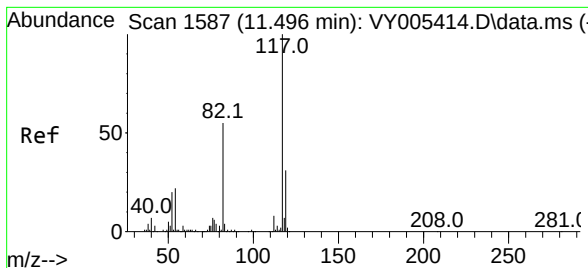
Tgt Ion: 98 Resp: 430343
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion: 95 Resp: 146023
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.6
176 92.2 0.0 182.4

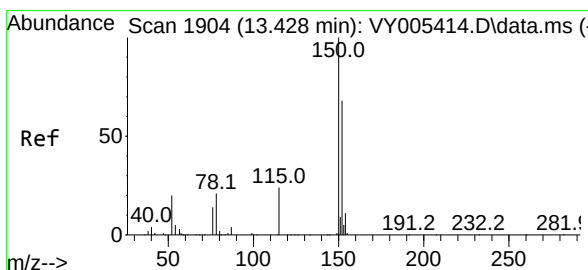
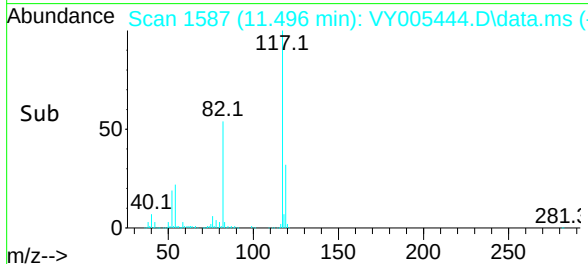
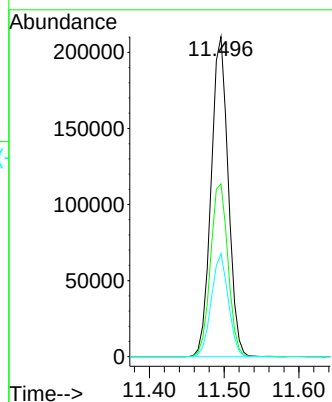
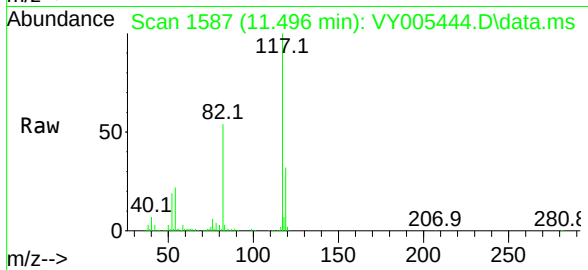




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

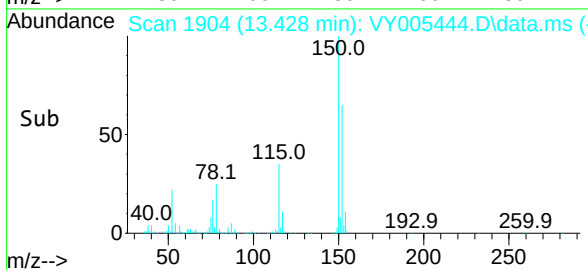
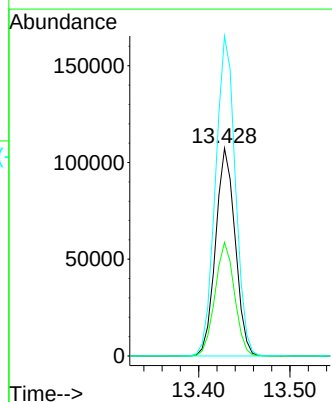
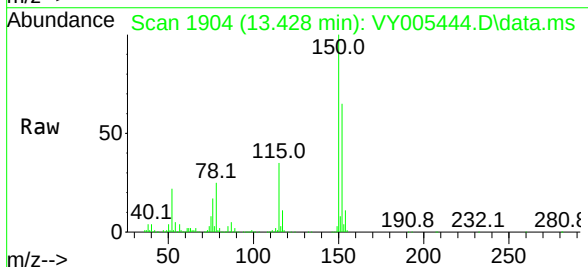
Instrument :
MSVOA_Y
ClientSampleId :

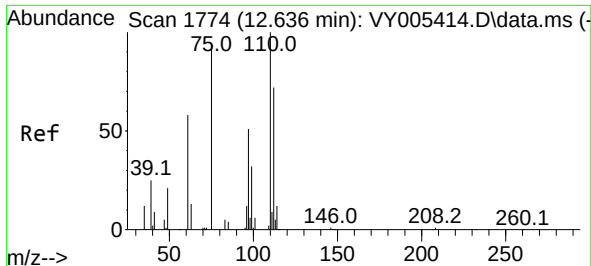
Tgt Ion:117 Resp: 333564
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion:152 Resp: 159481
Ion Ratio Lower Upper
152 100
115 54.4 27.7 83.1
150 156.6 0.0 349.6

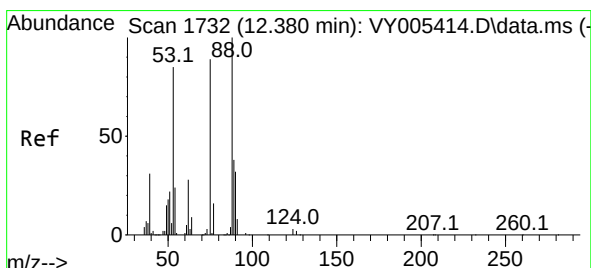
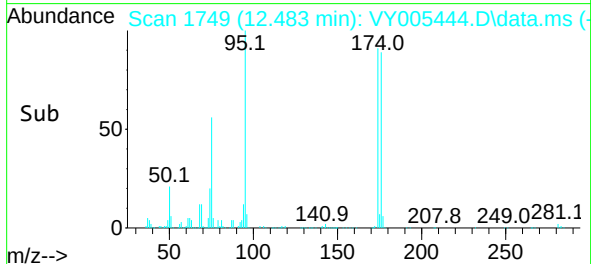
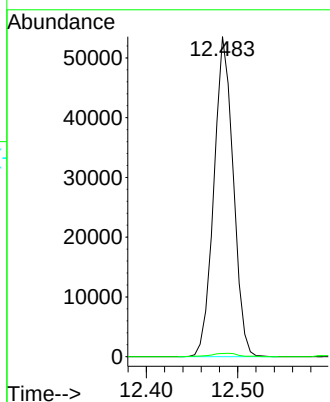
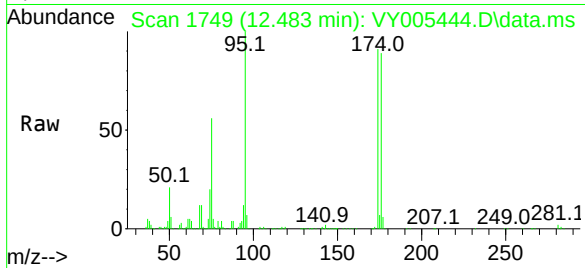




#76
1,2,3-Trichloropropane
Concen: 50.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 78898
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion: 75 Resp: 78898
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

