

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005364.D
 Acq On : 07 Jul 2021 14:27
 Operator : SY/MD
 Sample : M2933-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:04:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

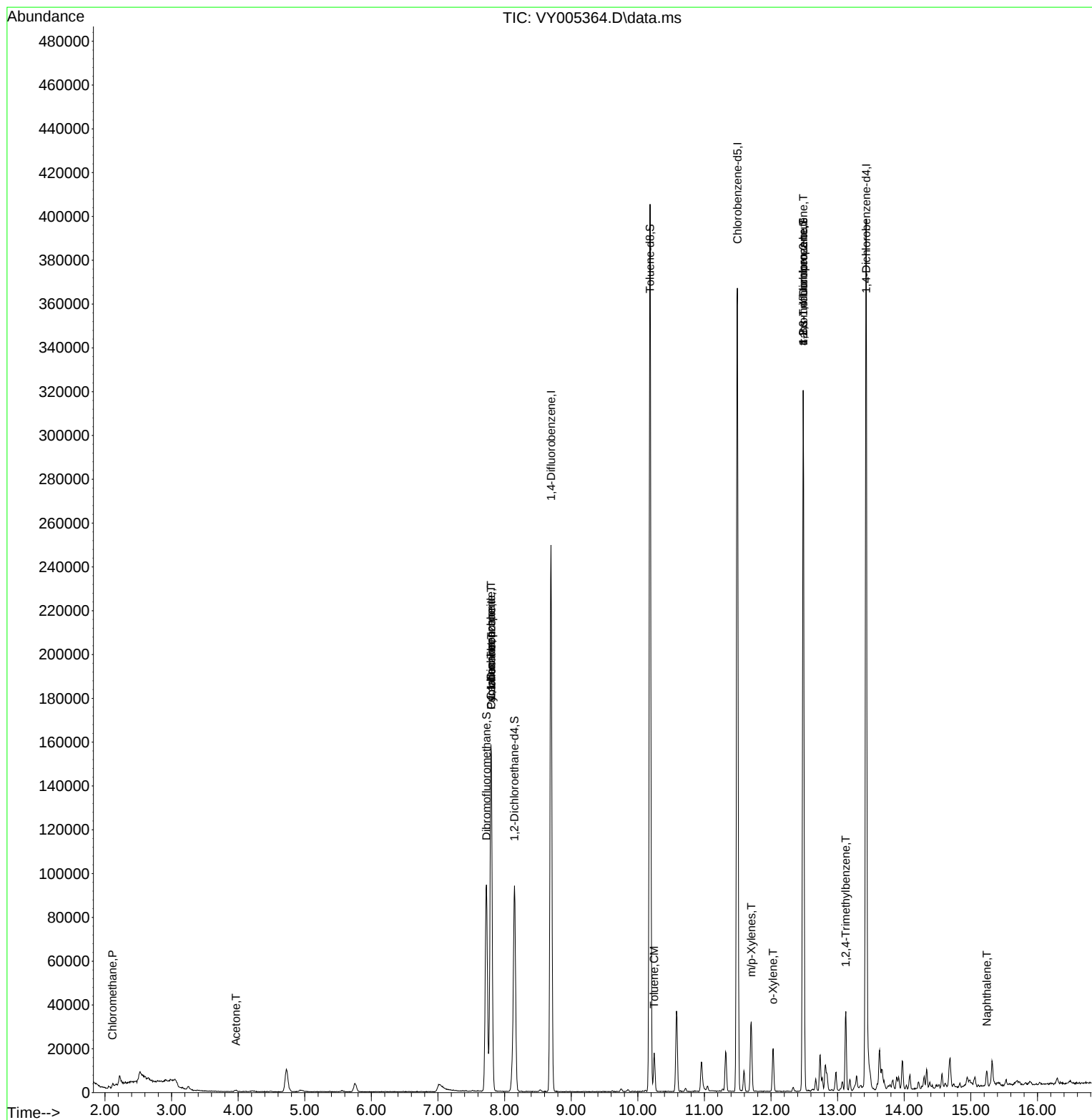
Internal Standards						
1) Pentafluorobenzene	7.801	168	134792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69460	62.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.200%
35) Dibromofluoromethane	7.728	113	67016	53.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.240%
50) Toluene-d8	10.185	98	263723	52.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.483	95	87297	51.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.860%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	1229	1.041	ug/l	99
11) Tert butyl alcohol	4.930	59	564	Below Cal	#	77
16) Acetone	3.967	43	1202	4.652	ug/l	92
20) Methylene Chloride	4.722	84	7734	Below Cal		89
31) Cyclohexane	7.801	56	2563	1.283	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	9206	4.887	ug/l #	48
38) Carbon Tetrachloride	7.795	117	11932	6.051	ug/l #	17
52) Toluene	10.246	92	6916	1.948	ug/l	100
68) m/p-Xylenes	11.703	106	9995	3.455	ug/l	97
69) o-Xylene	12.032	106	5243	1.914	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	44141	47.137	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44141	87.947	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.123	105	19429	3.469	ug/l	99
95) Naphthalene	15.239	128	5884	1.471	ug/l	98

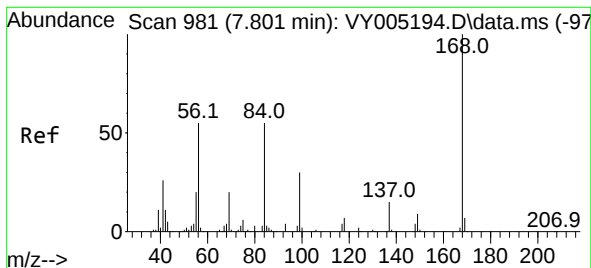
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 02:04:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005364.D

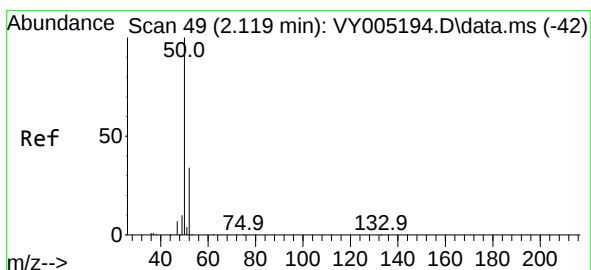
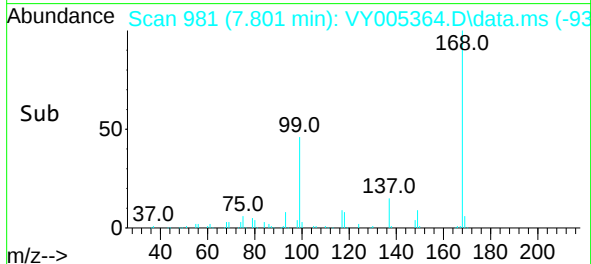
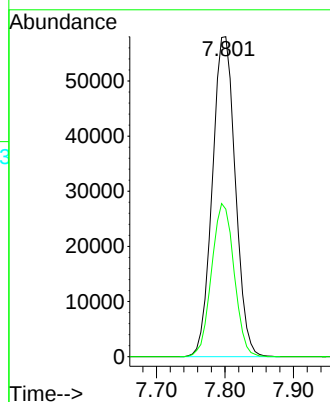
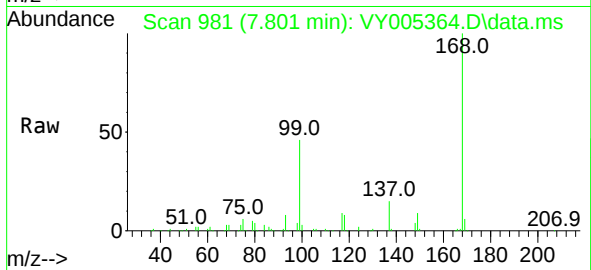
Acq: 07 Jul 2021 14:27

Tgt Ion:168 Resp: 134792

Ion Ratio Lower Upper

168 100

99 46.1 36.2 54.4



#3

Chloromethane

Concen: 1.041 ug/l

RT: 2.113 min Scan# 48

Delta R.T. -0.006 min

Lab File: VY005364.D

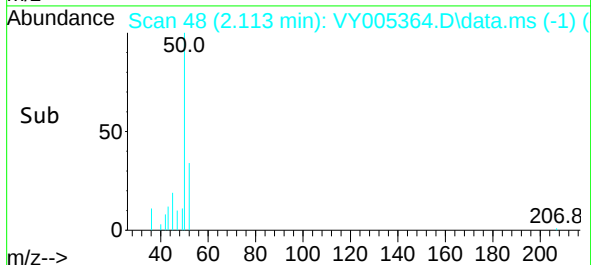
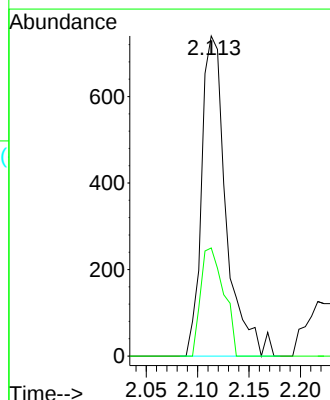
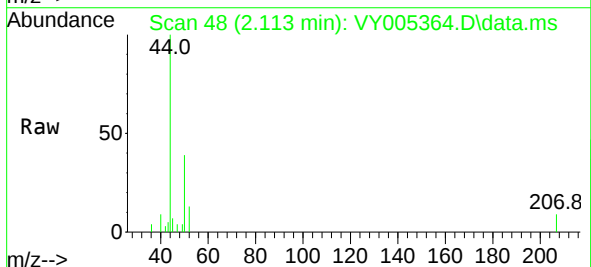
Acq: 07 Jul 2021 14:27

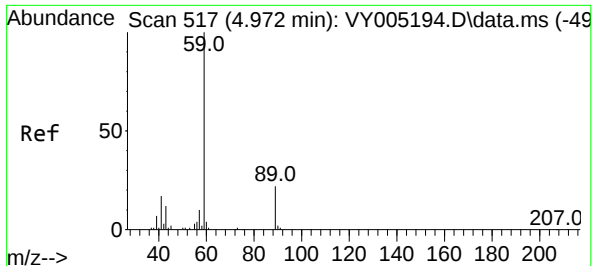
Tgt Ion: 50 Resp: 1229

Ion Ratio Lower Upper

50 100

52 33.8 27.4 41.2

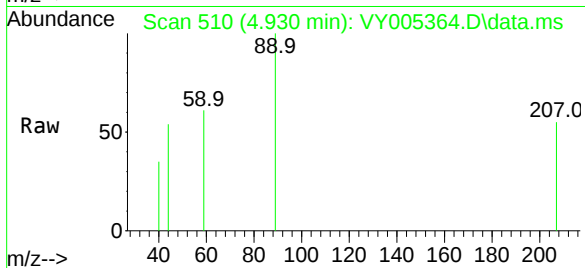




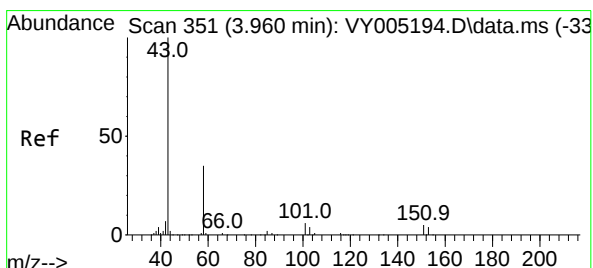
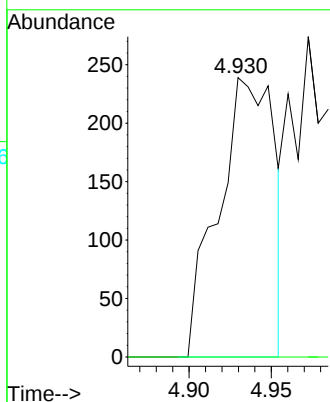
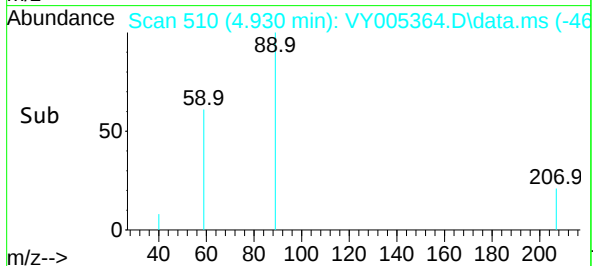
#11

Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Instrument :
MSVOA_Y
ClientSampled :

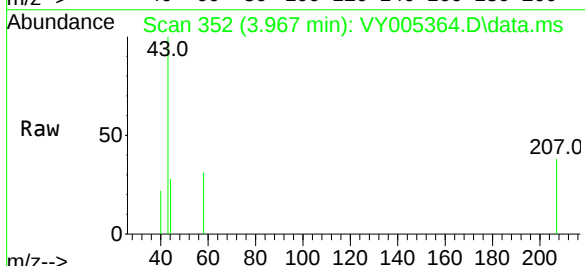


Tgt Ion: 59 Resp: 564
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

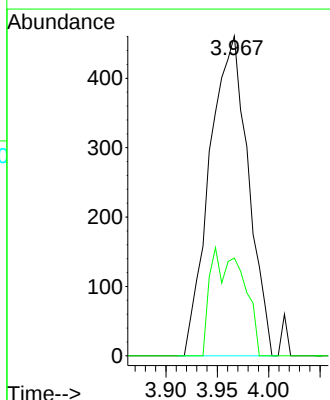
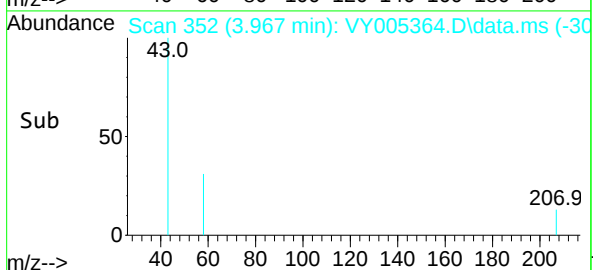


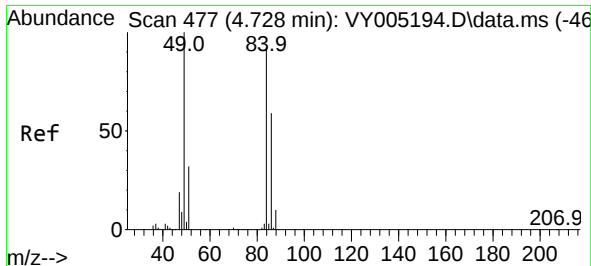
#16

Acetone
Concen: 4.652 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27



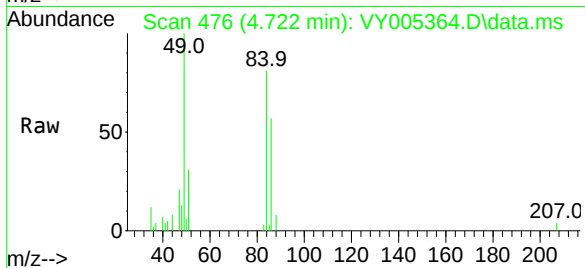
Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 30.6 28.2 42.2



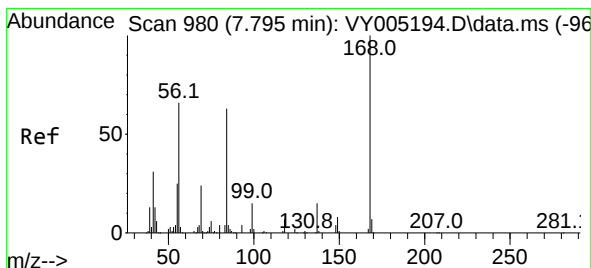
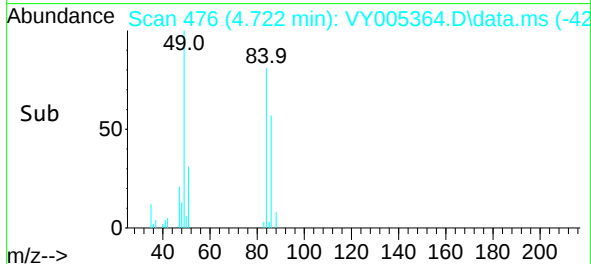
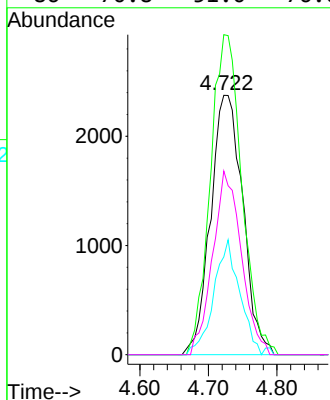


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

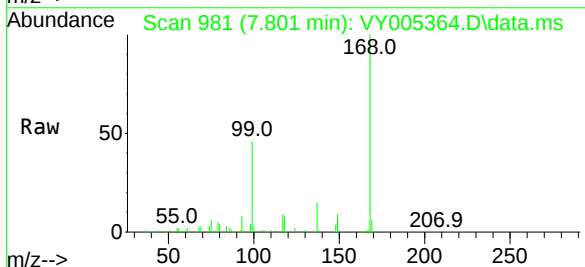
Instrument :
MSVOA_Y
ClientSampleId :



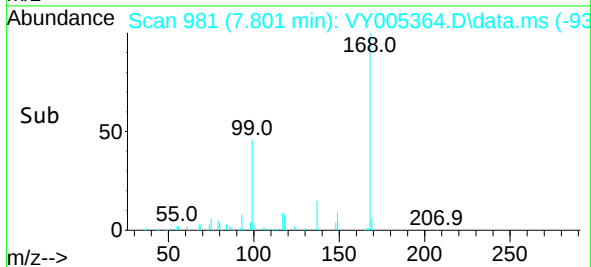
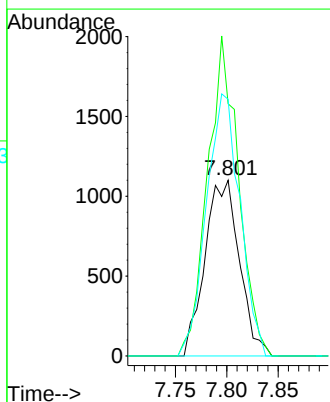
Tgt Ion: 84 Resp: 7734
Ion Ratio Lower Upper
84 100
49 123.4 86.9 130.3
51 37.7 27.4 41.2
86 70.8 51.0 76.6

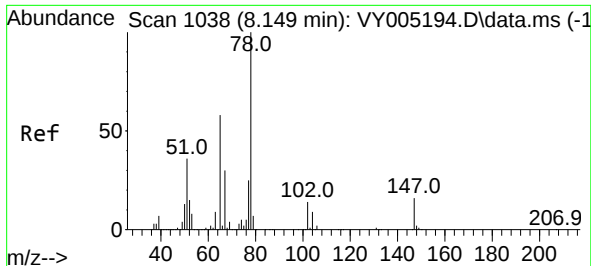


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27



Tgt Ion: 56 Resp: 2563
Ion Ratio Lower Upper
56 100
69 143.5 29.6 44.4#
84 146.1 76.4 114.6#

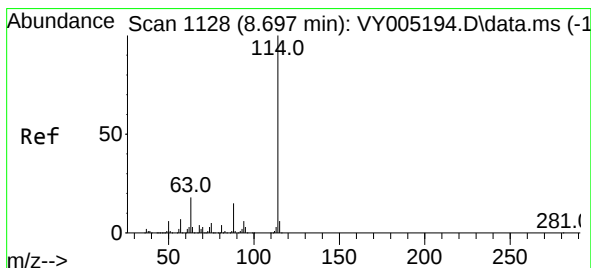
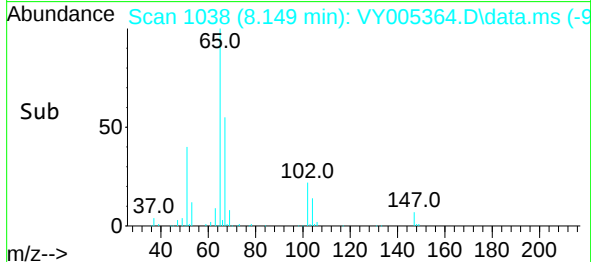
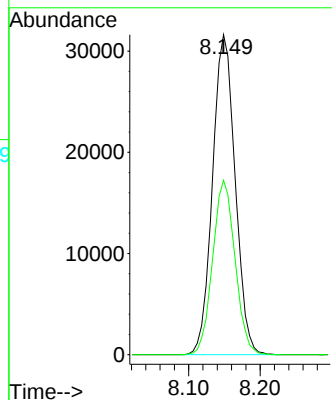
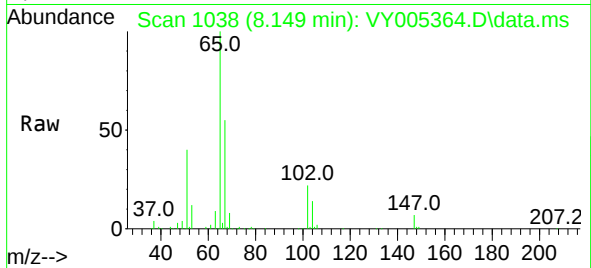




#33
1,2-Dichloroethane-d4
Concen: 62.097 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

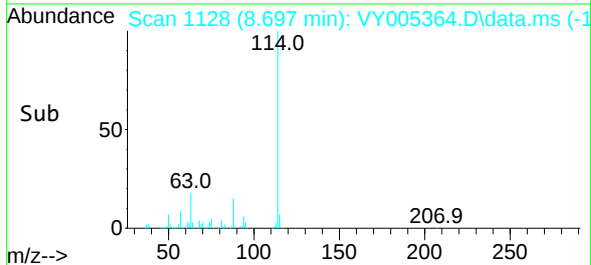
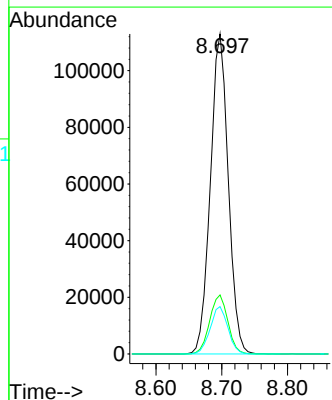
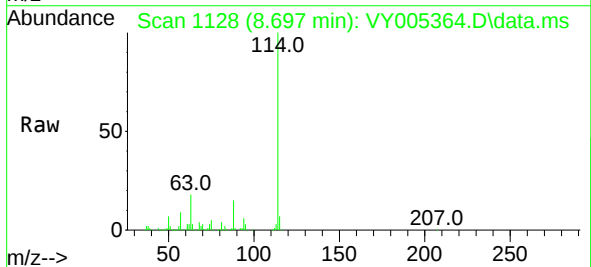
Instrument :
MSVOA_Y
ClientSampleId :

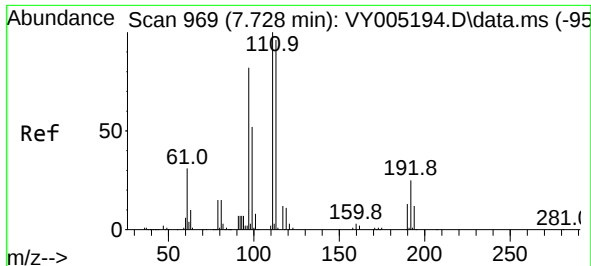
Tgt Ion: 65 Resp: 69460
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

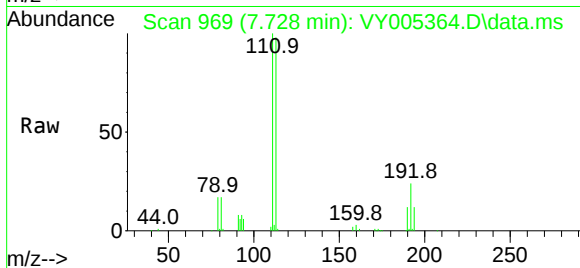
Tgt Ion: 114 Resp: 213910
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.2
88 14.8 0.0 29.4



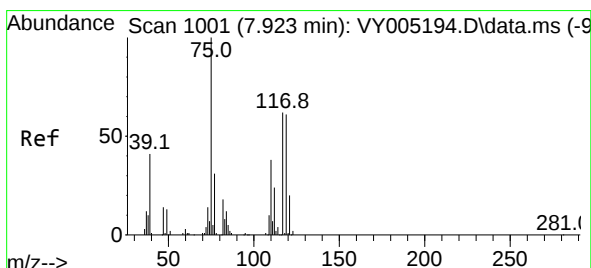
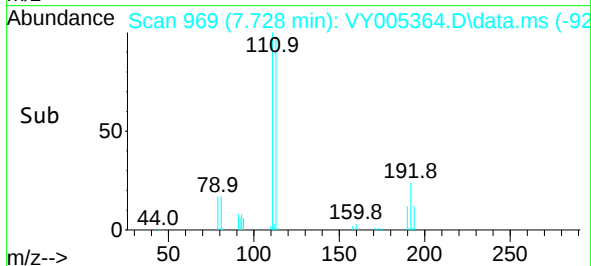
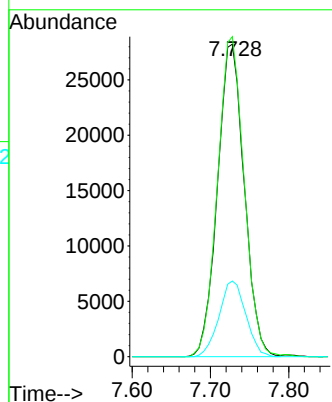


#35
Dibromofluoromethane
Concen: 53.122 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

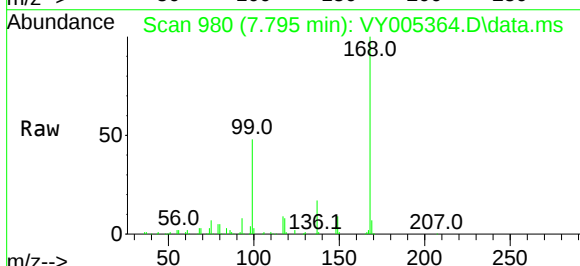
Instrument :
MSVOA_Y
ClientSampled :



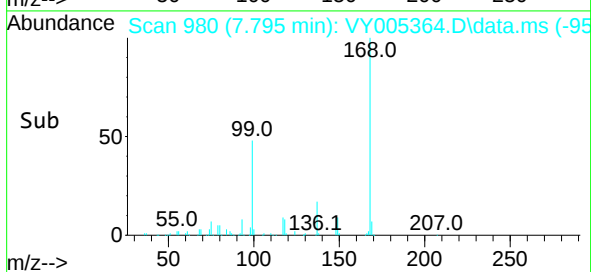
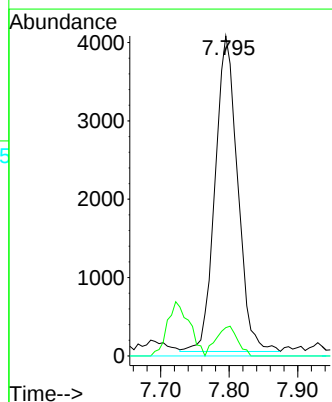
Tgt Ion:113 Resp: 67016
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 24.3 20.2 30.2

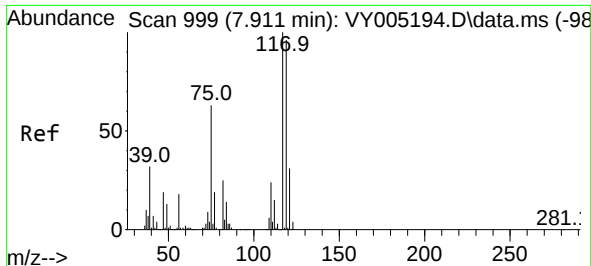


#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27



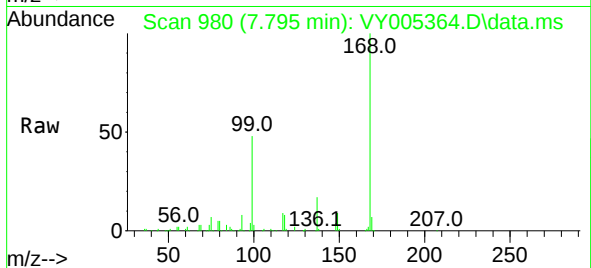
Tgt Ion: 75 Resp: 9206
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#



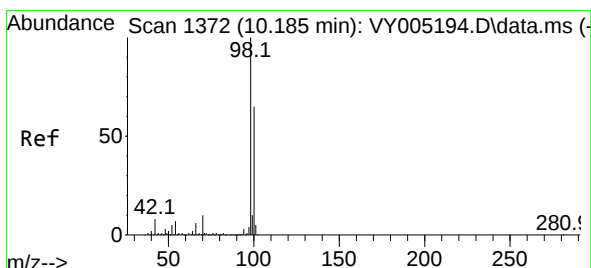
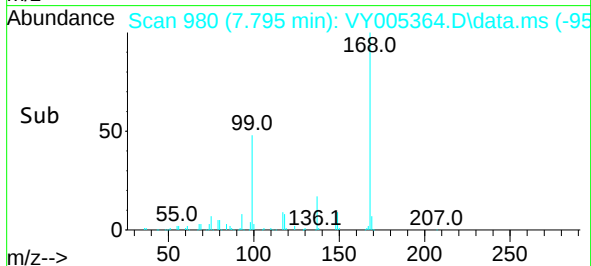
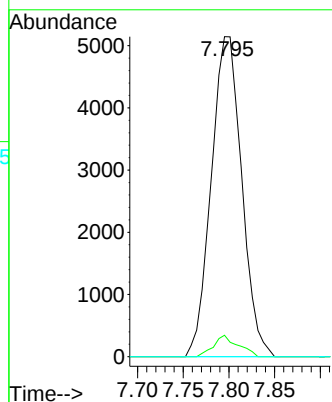


#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Instrument :
MSVOA_Y
ClientSampleId :

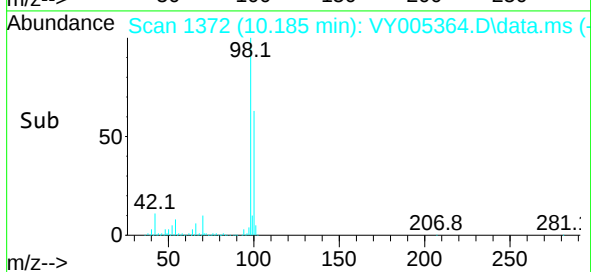
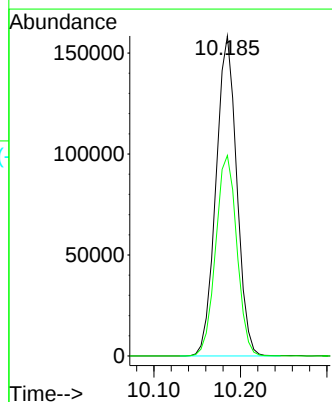
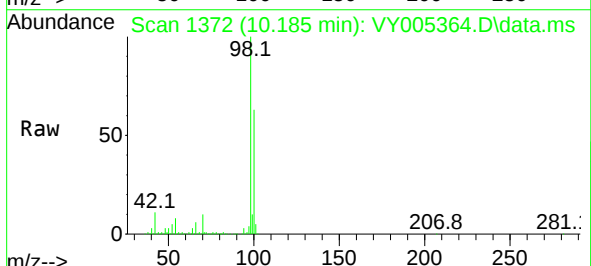


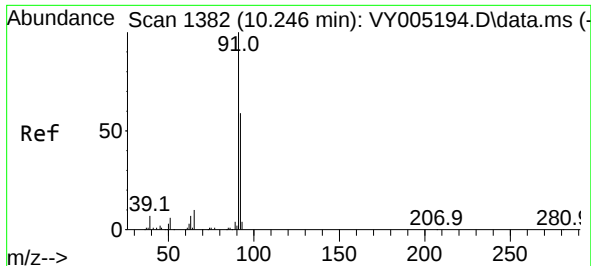
Tgt Ion:117 Resp: 11932
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion: 98 Resp: 263723
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

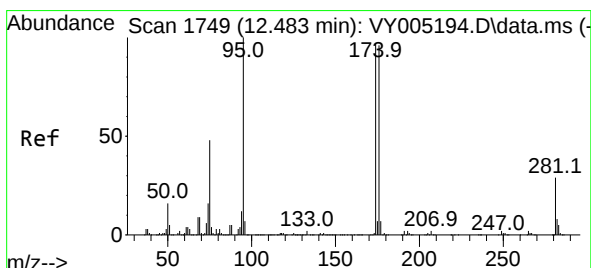
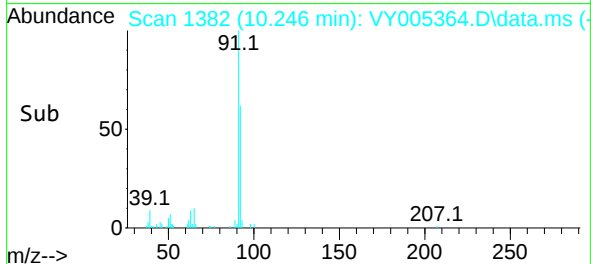
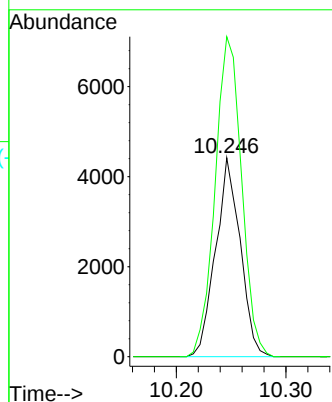
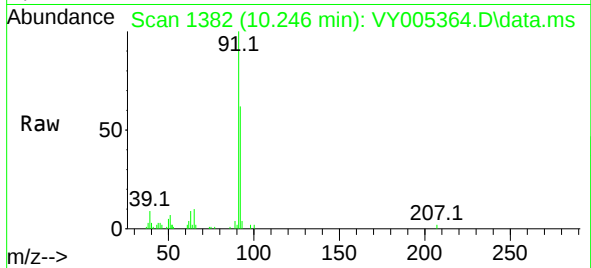




#52
Toluene
Concen: 1.948 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

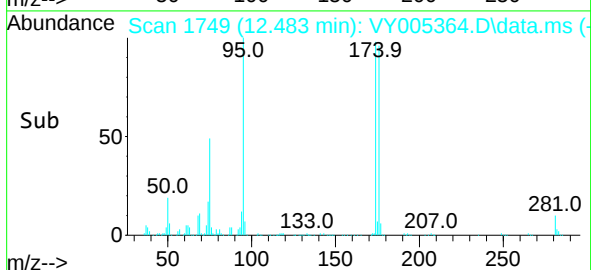
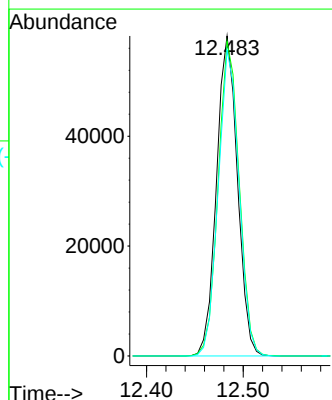
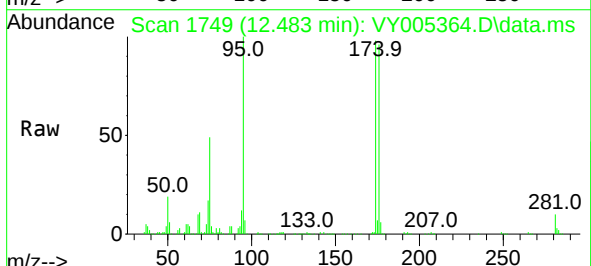
Instrument :
MSVOA_Y
ClientSampled :

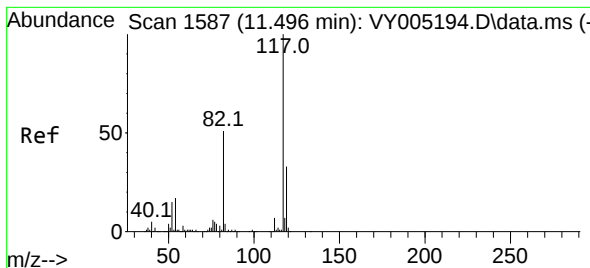
Tgt Ion: 92 Resp: 6916
Ion Ratio Lower Upper
92 100
91 172.7 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 51.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion: 95 Resp: 87297
Ion Ratio Lower Upper
95 100
174 98.7 0.0 201.6
176 95.0 0.0 197.4

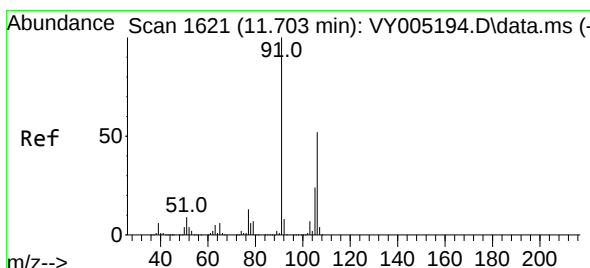
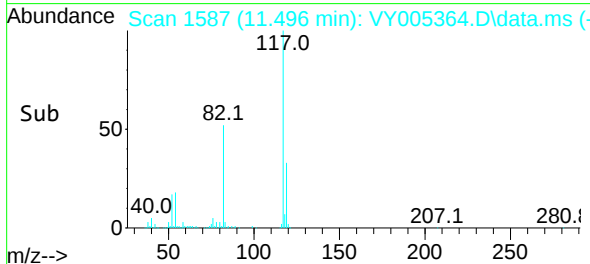
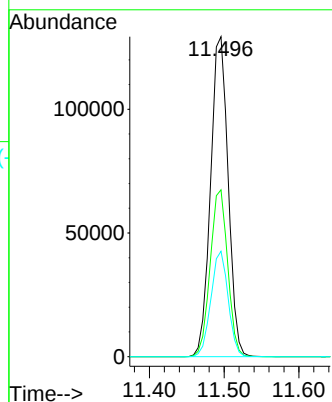
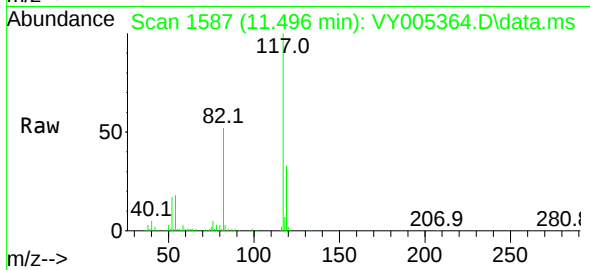




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

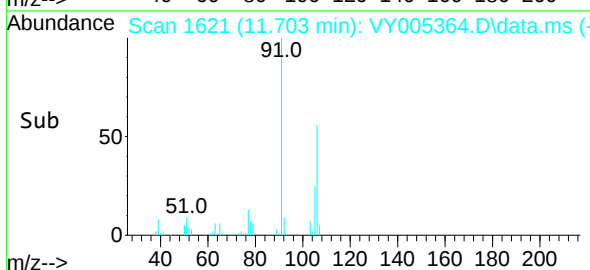
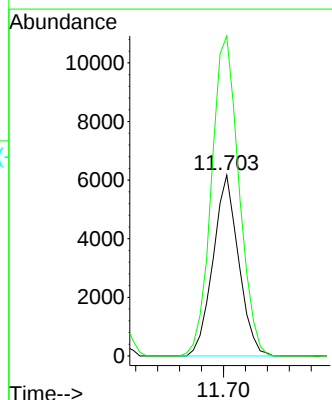
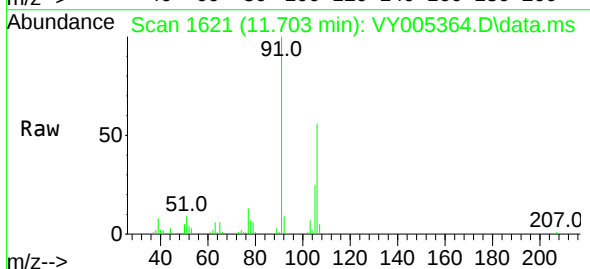
Instrument :
MSVOA_Y
ClientSampleId :

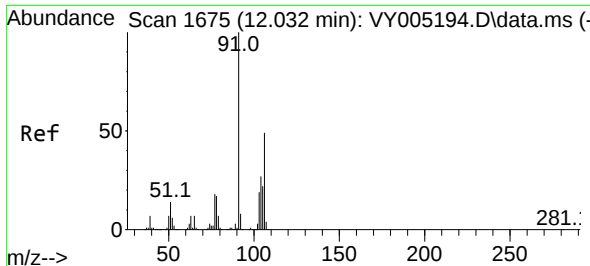
Tgt Ion:117 Resp: 211264
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 33.0 26.1 39.1



#68
m/p-Xylenes
Concen: 3.455 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion:106 Resp: 9995
Ion Ratio Lower Upper
106 100
91 189.7 154.8 232.2

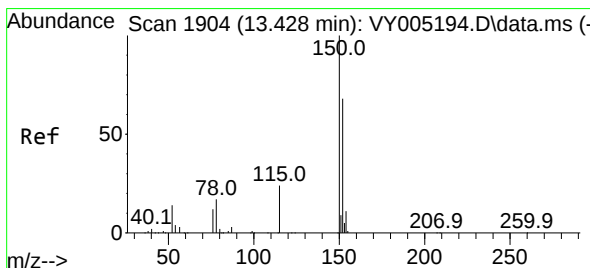
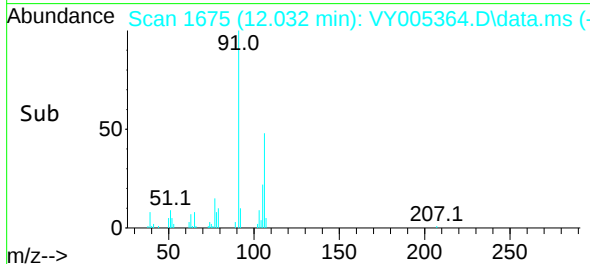
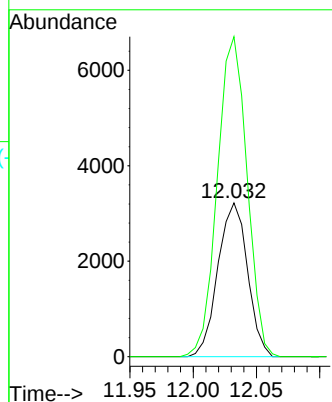
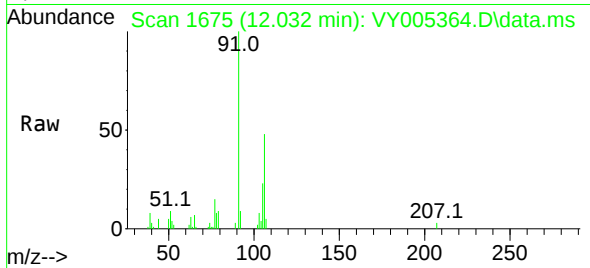




#69
o-Xylene
Concen: 1.914 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

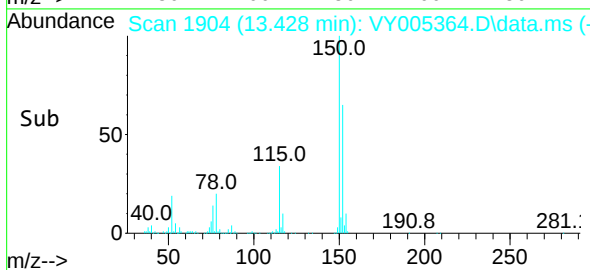
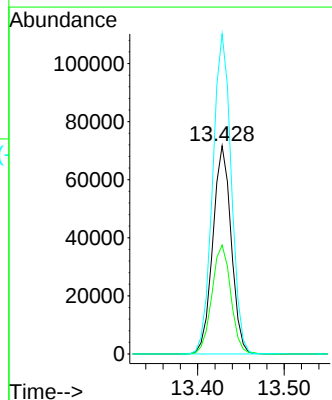
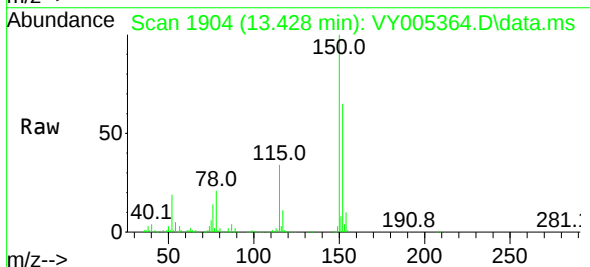
Instrument :
MSVOA_Y
ClientSampleId :

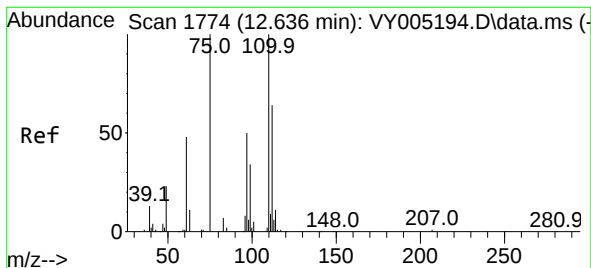
Tgt Ion:106 Resp: 5243
Ion Ratio Lower Upper
106 100
91 208.4 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion:152 Resp: 105587
Ion Ratio Lower Upper
152 100
115 53.9 26.3 78.8
150 155.5 0.0 344.2





#76

1,2,3-Trichloropropane

Concen: 47.137 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY005364.D

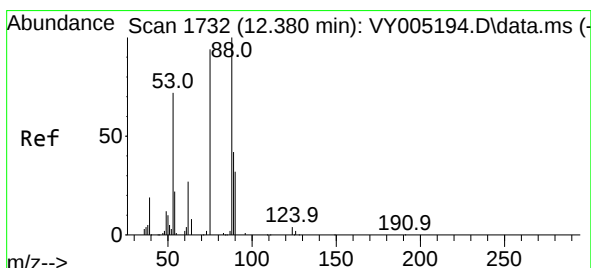
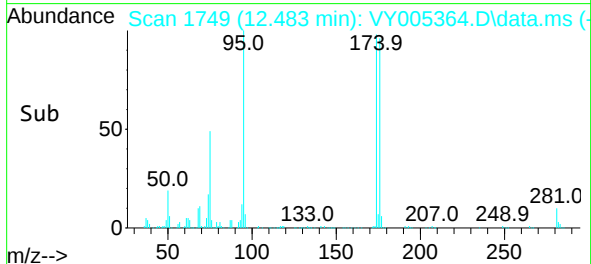
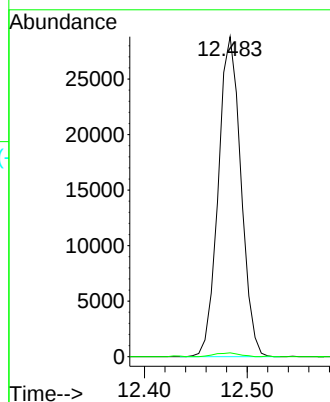
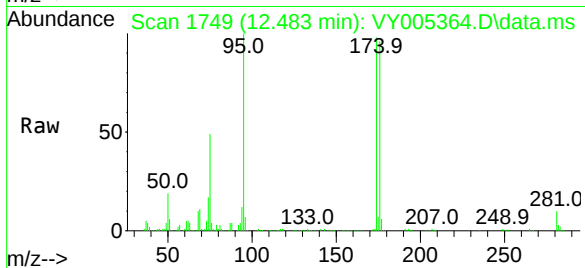
Acq: 07 Jul 2021 14:27

Tgt Ion: 75 Resp: 44141

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.947 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY005364.D

Acq: 07 Jul 2021 14:27

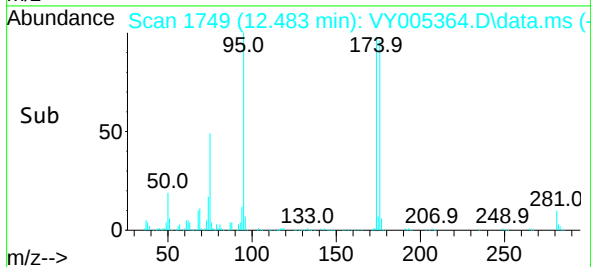
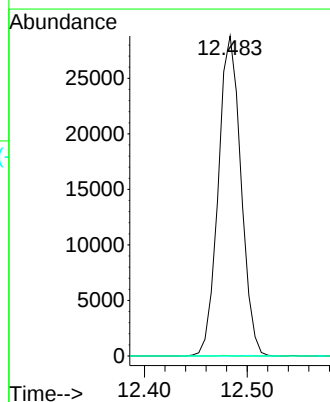
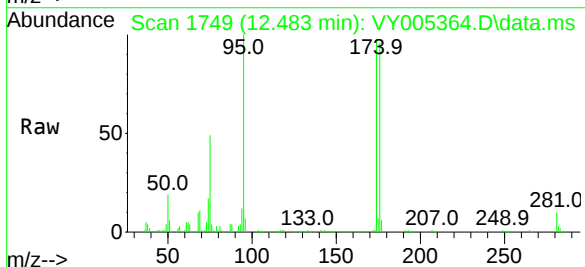
Tgt Ion: 75 Resp: 44141

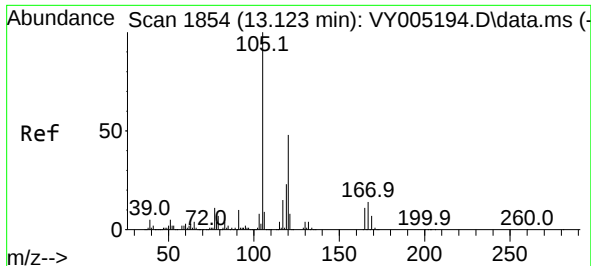
Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.0 38.0 57.0#

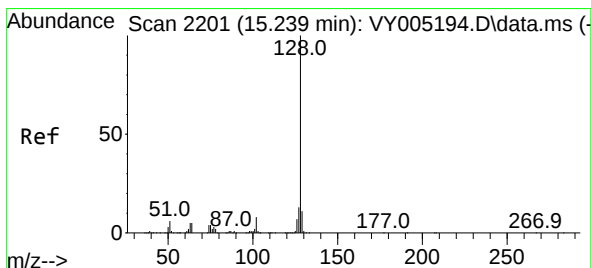
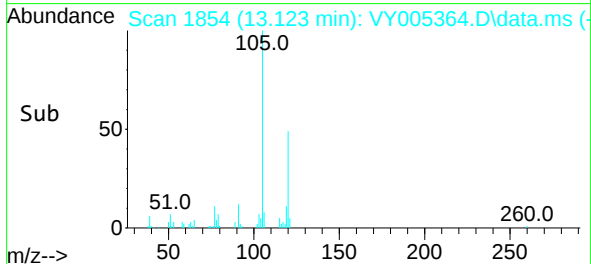
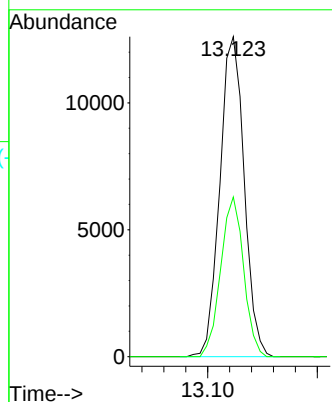
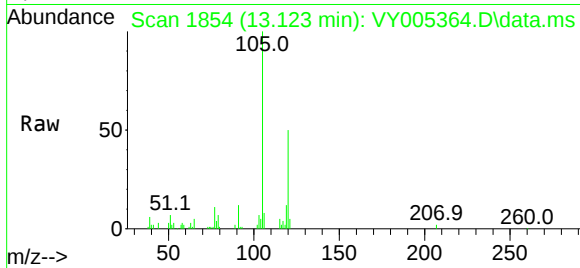




#84
1,2,4-Trimethylbenzene
Concen: 3.469 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:105 Resp: 19429
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0



#95
Naphthalene
Concen: 1.471 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion:128 Resp: 5884
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 12.2 8.7 13.1

