

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005484.D
 Acq On : 28 Jul 2021 13:12
 Operator : SY/MD
 Sample : M3198-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:31:12 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)

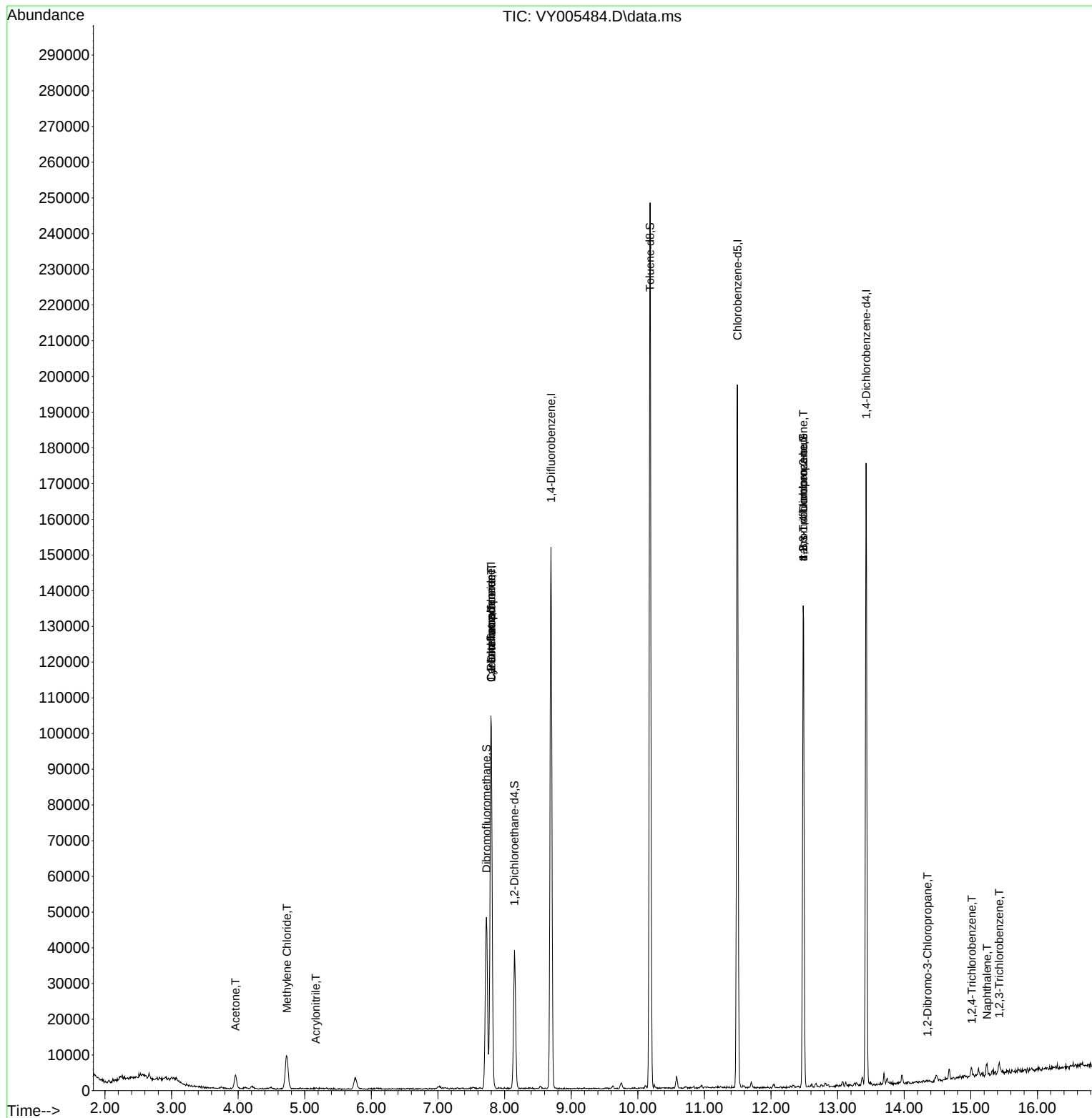
Internal Standards						
1) Pentafluorobenzene	7.795	168	83994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	126444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	105289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31057	34.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.220%
35) Dibromofluoromethane	7.728	113	32703	44.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.580%
50) Toluene-d8	10.185	98	157295	50.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.483	95	38138	37.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.680%
Target Compounds						
					Qvalue	
15) Acrylonitrile	5.168	53	256	1.009	ug/l #	72
16) Acetone	3.960	43	6824	33.300	ug/l	100
20) Methylene Chloride	4.735	84	7224	5.049	ug/l	89
31) Cyclohexane	7.801	56	1642	1.072	ug/l #	49
36) 1,1-Dichloropropene	7.801	75	5821	4.761	ug/l #	49
38) Carbon Tetrachloride	7.801	117	7615	5.700	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	21844	51.814	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21844	100.608	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.349	75	182	1.664	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.013	180	996	1.139	ug/l	84
95) Naphthalene	15.245	128	2345	1.333	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.428	180	1104	1.401	ug/l	92

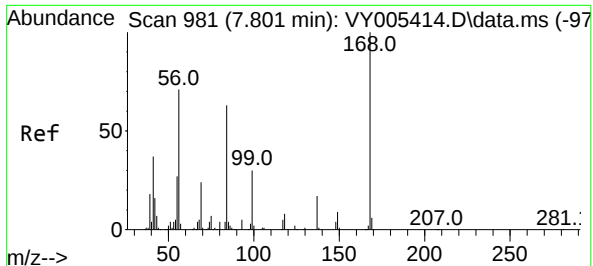
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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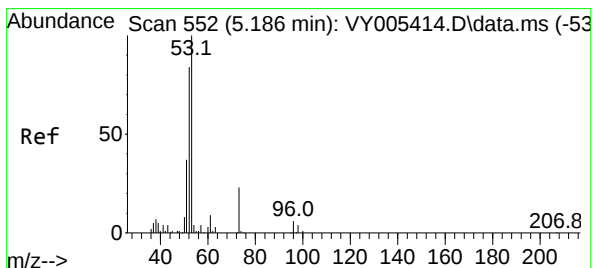
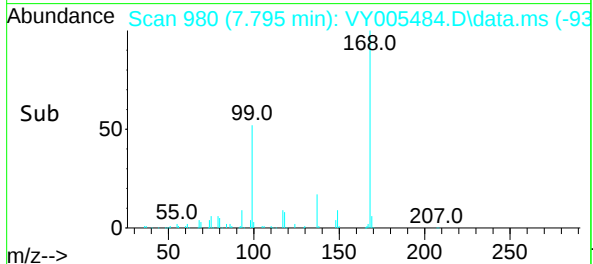
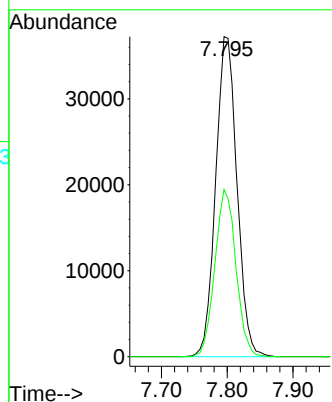
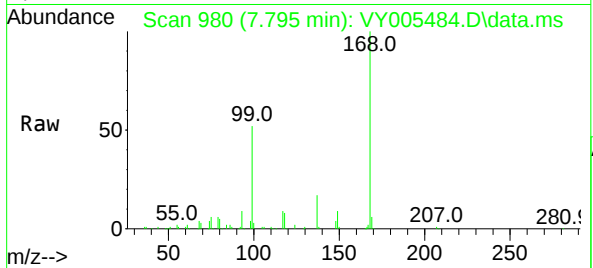




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

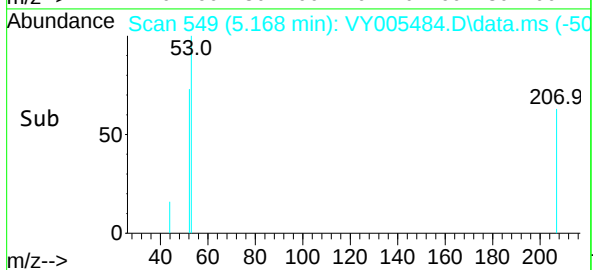
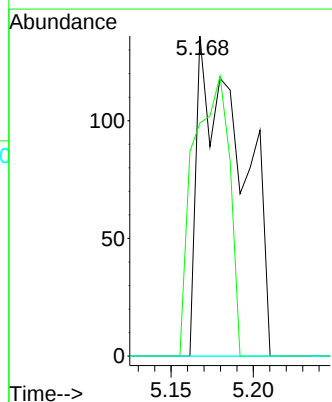
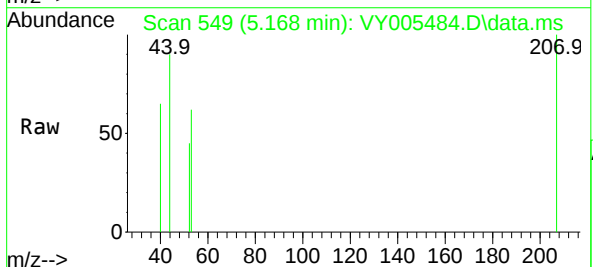
Instrument :
MSVOA_Y
ClientSampleId :

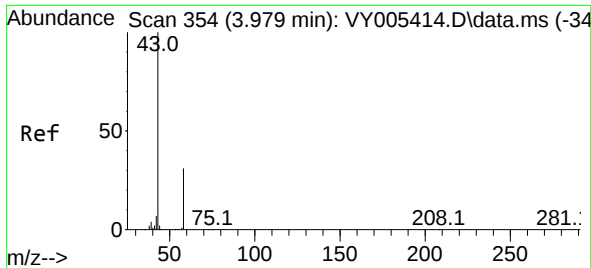
Tgt Ion:168 Resp: 83994
Ion Ratio Lower Upper
168 100
99 52.3 39.8 59.6



#15
Acrylonitrile
Concen: 1.009 ug/l
RT: 5.168 min Scan# 549
Delta R.T. -0.018 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion: 53 Resp: 256
Ion Ratio Lower Upper
53 100
52 69.9 65.8 98.6
51 0.0 29.1 43.7#

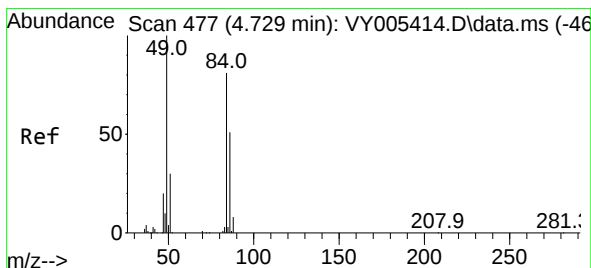
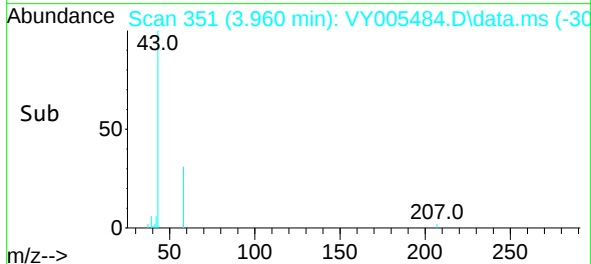
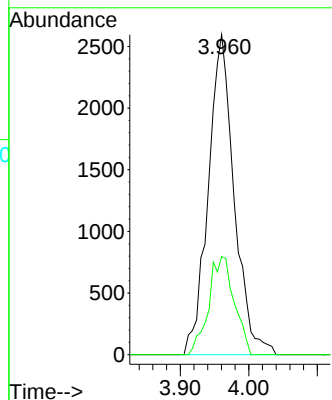
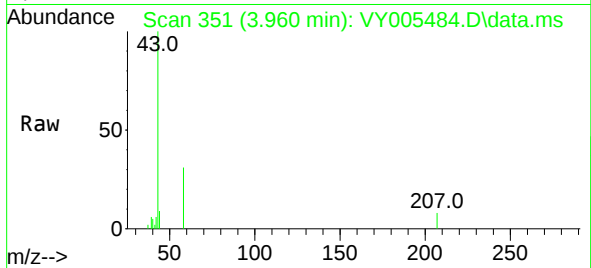




#16
Acetone
Concen: 33.300 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

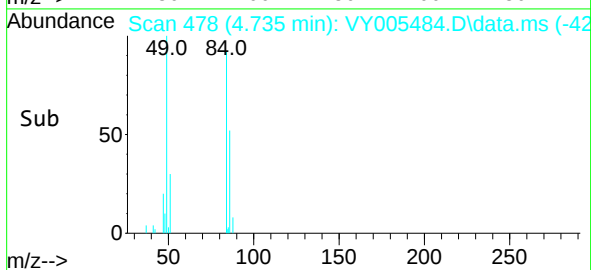
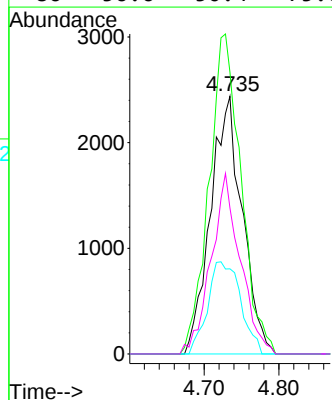
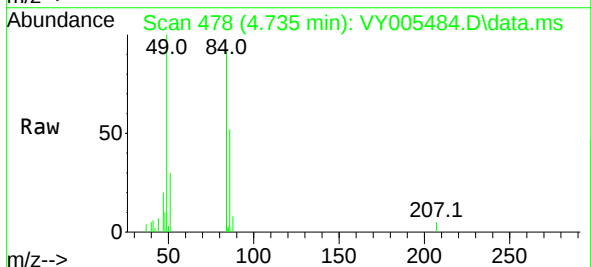
Instrument :
MSVOA_Y
ClientSampled :

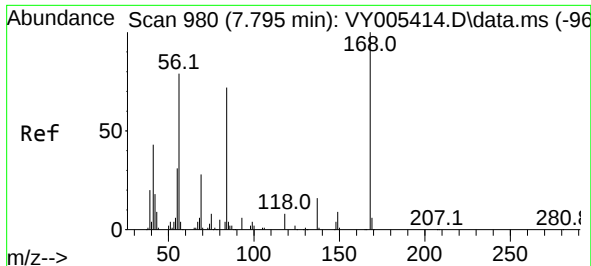
Tgt Ion: 43 Resp: 6824
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7



#20
Methylene Chloride
Concen: 5.049 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion: 84 Resp: 7224
Ion Ratio Lower Upper
84 100
49 109.3 98.9 148.3
51 33.0 30.0 45.0
86 56.6 50.4 75.6

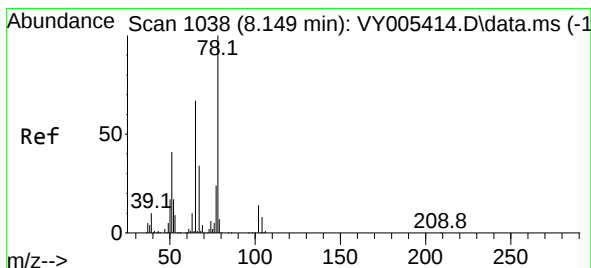
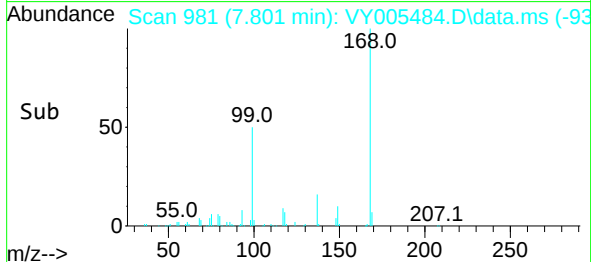
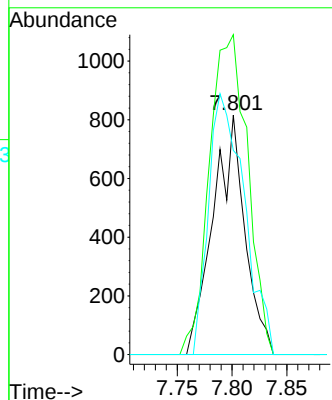
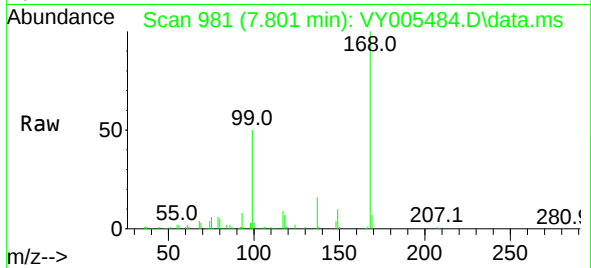




#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

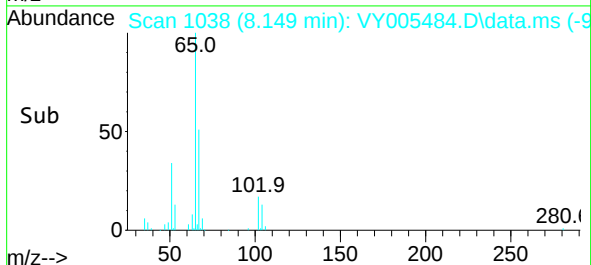
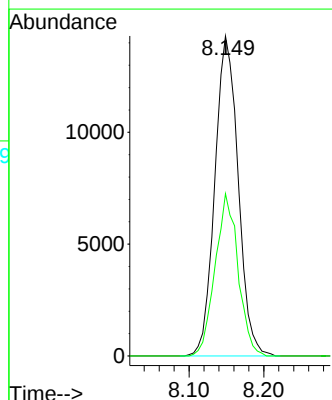
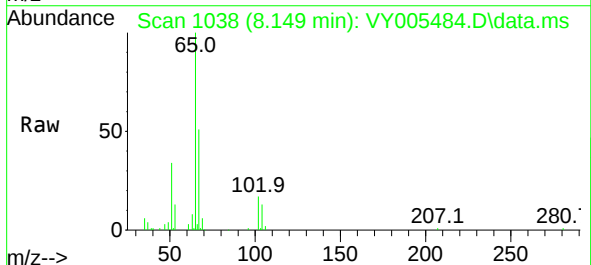
Instrument :
MSVOA_Y
ClientSampleId :

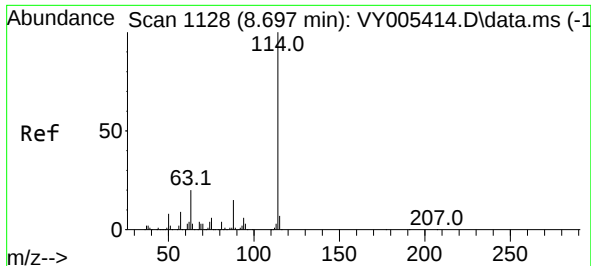
Tgt Ion: 56 Resp: 1642
Ion Ratio Lower Upper
56 100
69 133.6 28.7 43.1#
84 85.3 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 34.610 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion: 65 Resp: 31057
Ion Ratio Lower Upper
65 100
67 49.9 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: VY005484.D

Acq: 28 Jul 2021 13:12

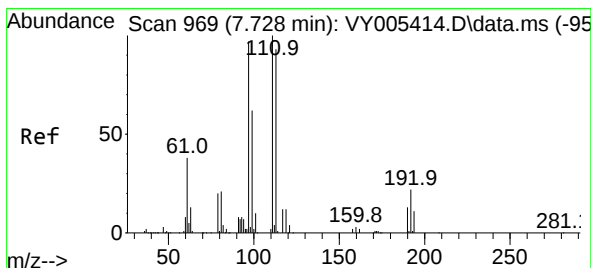
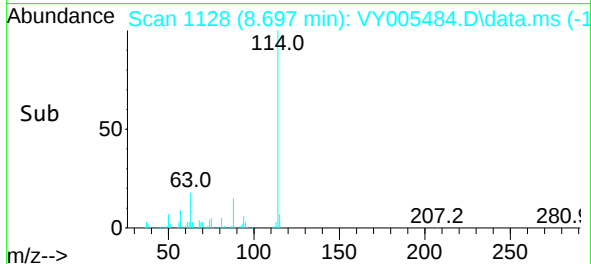
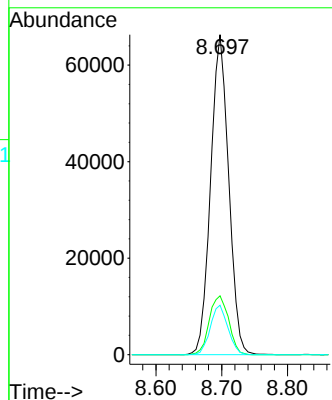
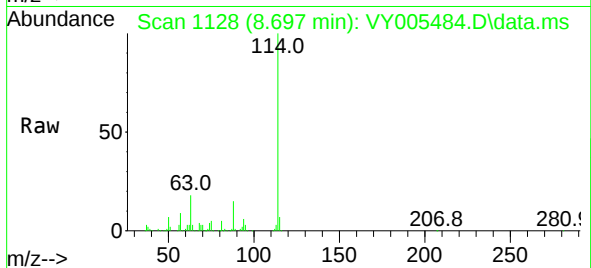
Tgt Ion:114 Resp: 126444

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.0

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 44.793 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005484.D

Acq: 28 Jul 2021 13:12

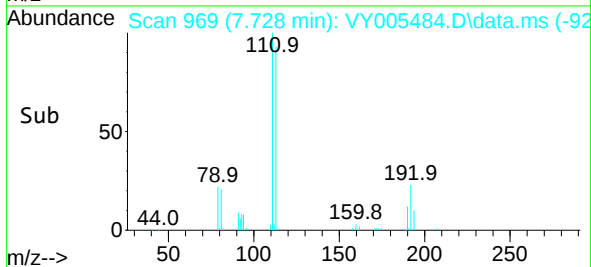
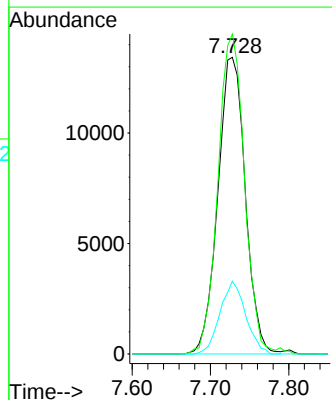
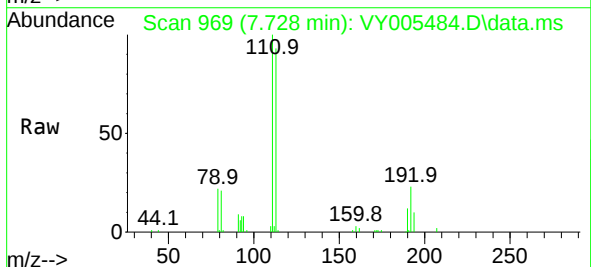
Tgt Ion:113 Resp: 32703

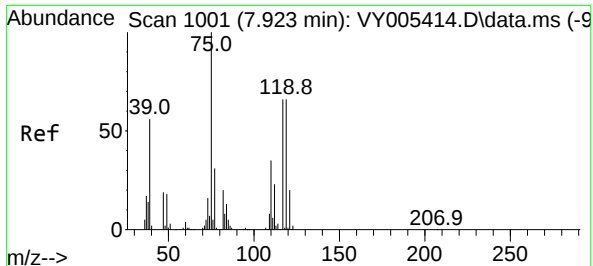
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 23.0 18.9 28.3

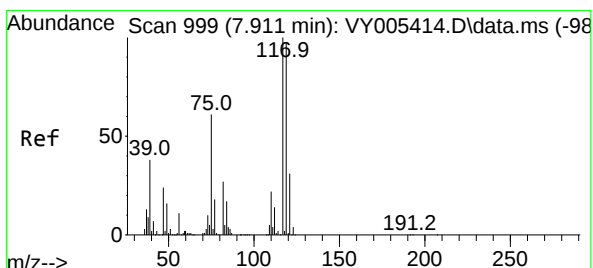
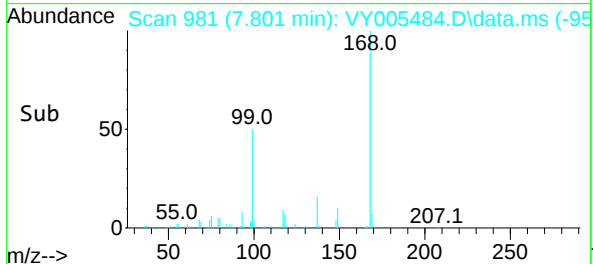
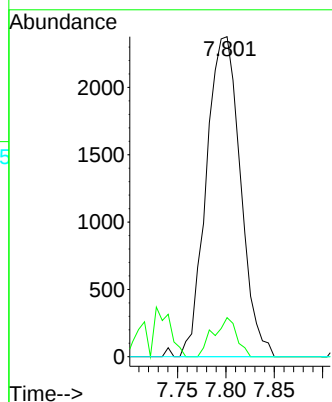
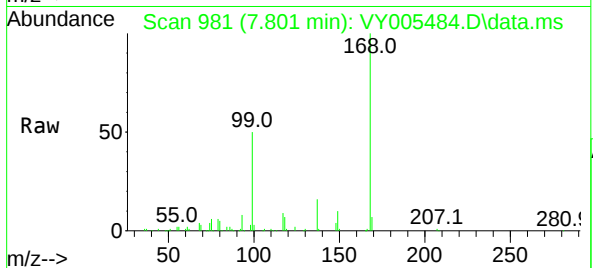




#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

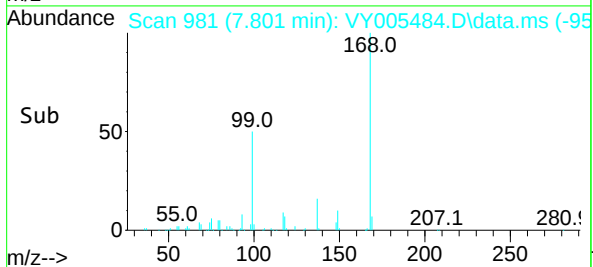
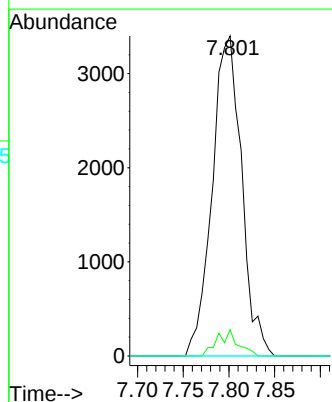
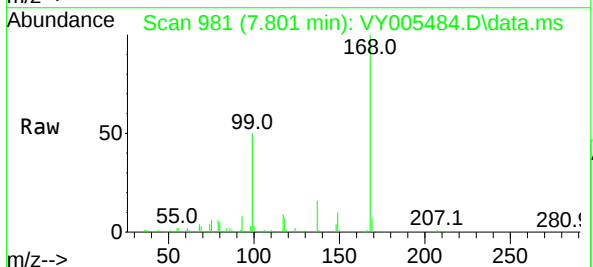
Instrument :
MSVOA_Y
ClientSampleId :

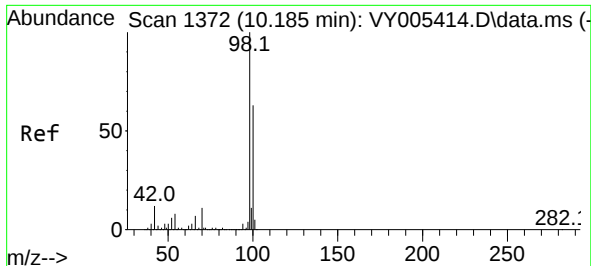
Tgt Ion: 75 Resp: 5821
Ion Ratio Lower Upper
75 100
110 8.4 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion: 117 Resp: 7615
Ion Ratio Lower Upper
117 100
119 8.3 77.2 115.8#
121 0.0 25.1 37.7#

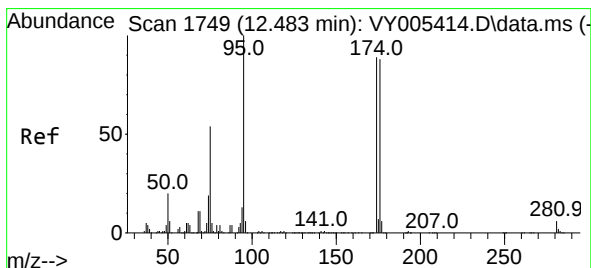
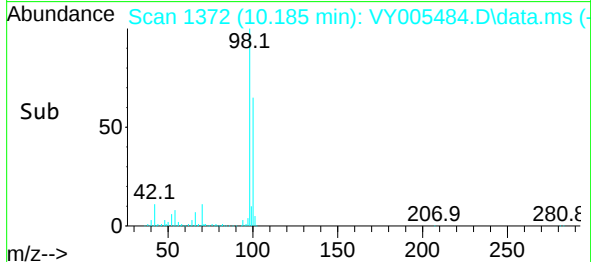
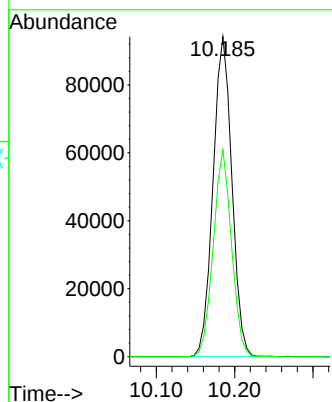
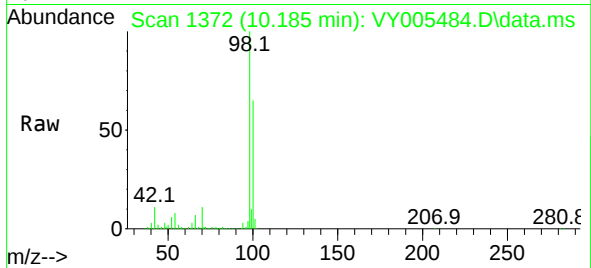




#50
Toluene-d8
Concen: 50.832 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

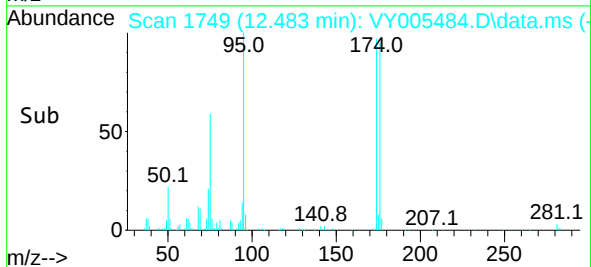
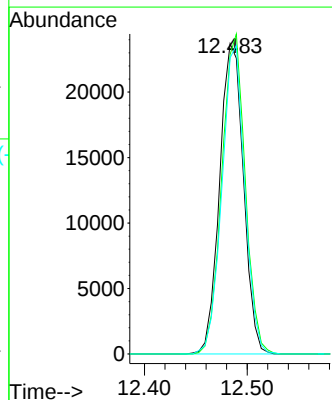
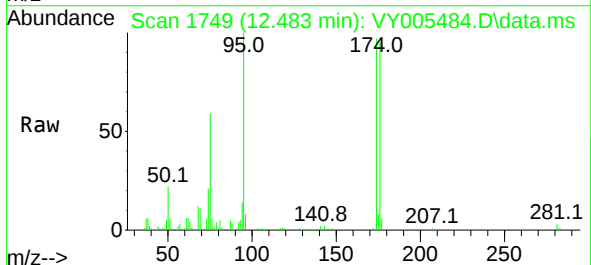
Instrument :
MSVOA_Y
ClientSampled :

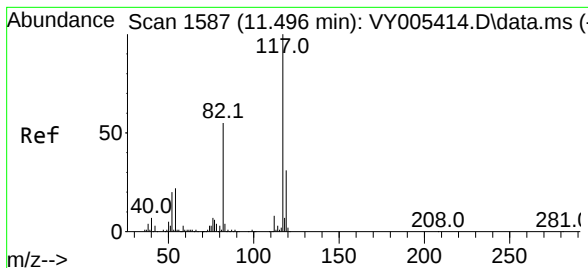
Tgt Ion: 98 Resp: 157295
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.343 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion: 95 Resp: 38138
Ion Ratio Lower Upper
95 100
174 100.8 0.0 186.6
176 95.1 0.0 182.4

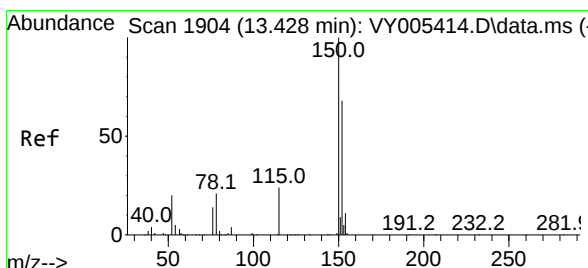
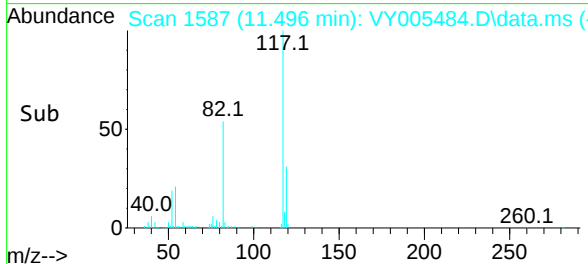
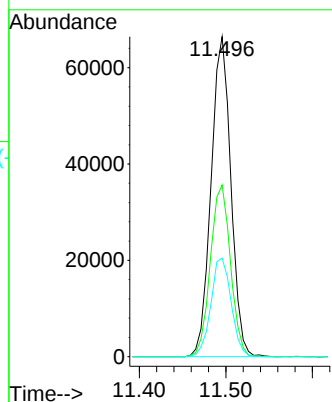
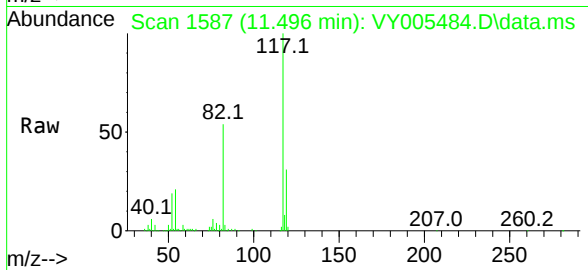




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

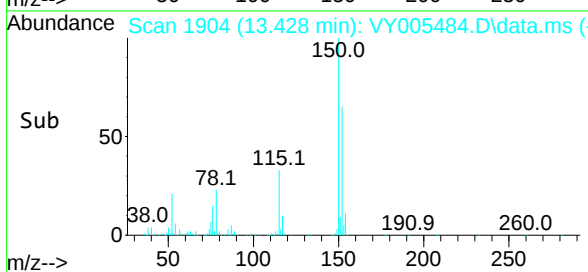
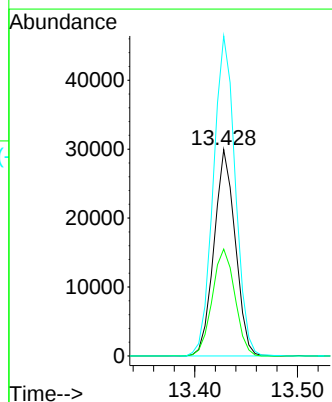
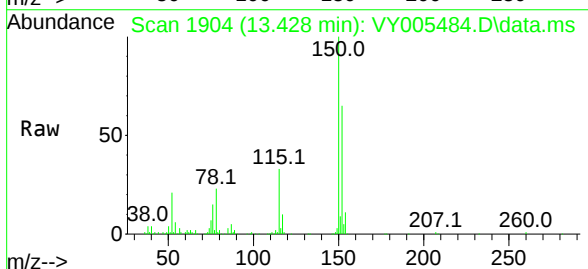
Instrument :
MSVOA_Y
ClientSampleId :

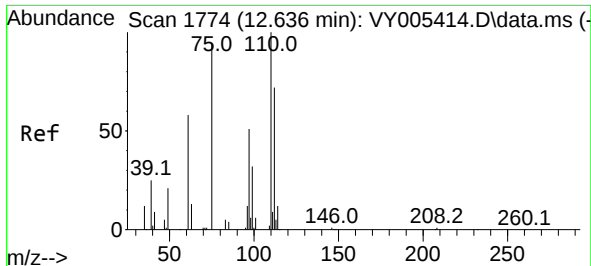
Tgt Ion:117 Resp: 105289
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.6
119 30.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion:152 Resp: 42845
Ion Ratio Lower Upper
152 100
115 55.4 27.7 83.1
150 160.5 0.0 349.6

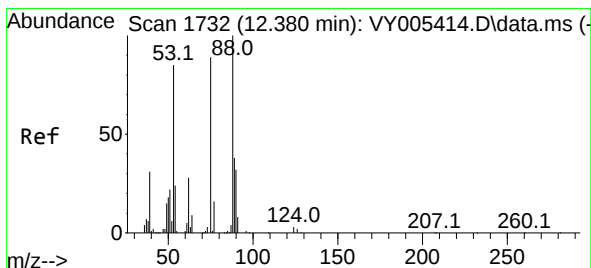
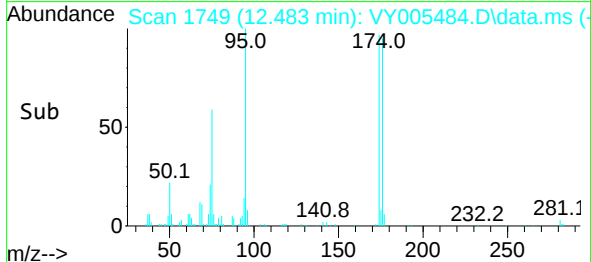
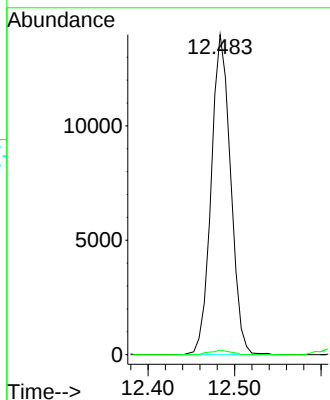
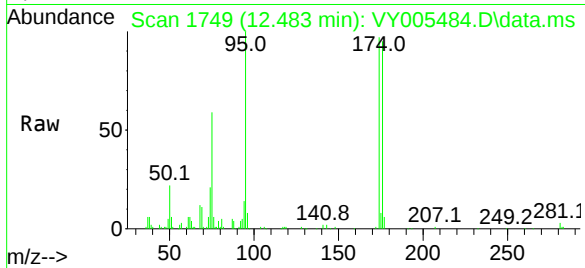




#76
1,2,3-Trichloropropane
Concen: 51.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

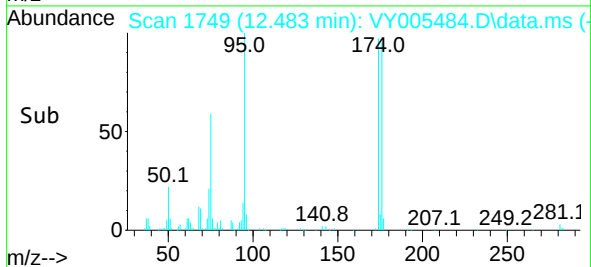
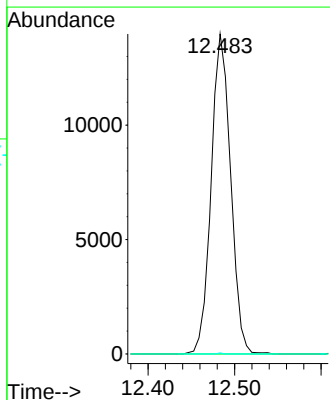
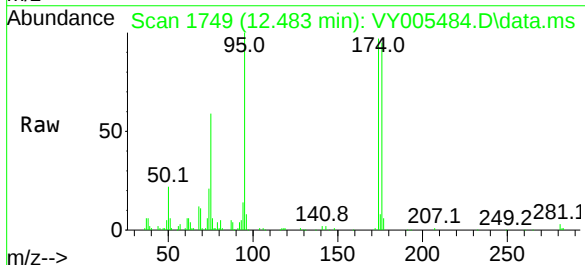
Instrument :
MSVOA_Y
ClientSampleId :

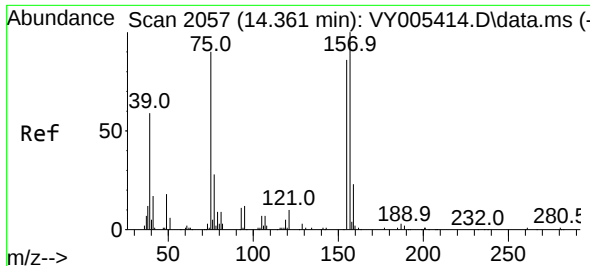
Tgt Ion: 75 Resp: 21844
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion: 75 Resp: 21844
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 36.9 55.3#

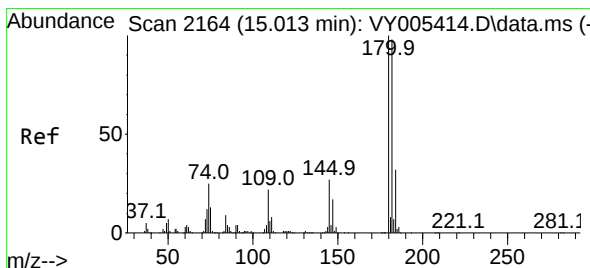
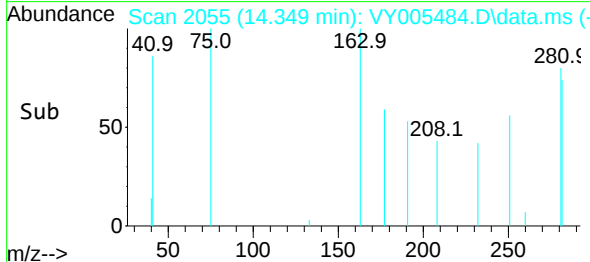
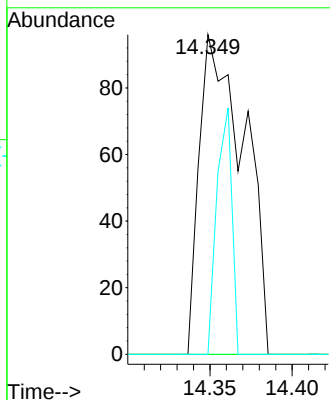
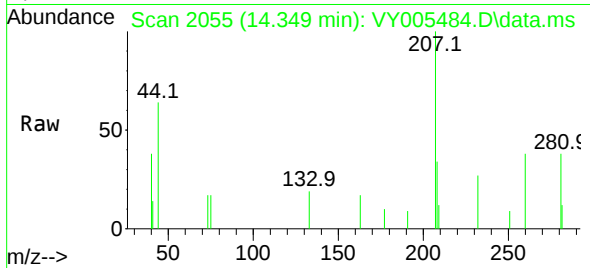




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.664 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.012 min
 Lab File: VY005484.D
 Acq: 28 Jul 2021 13:12

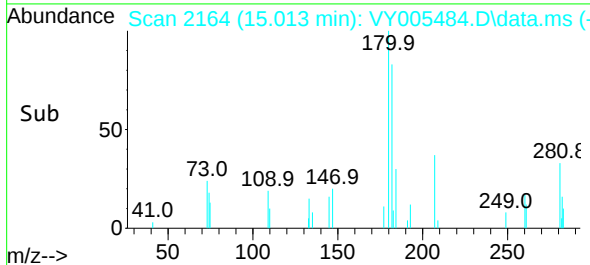
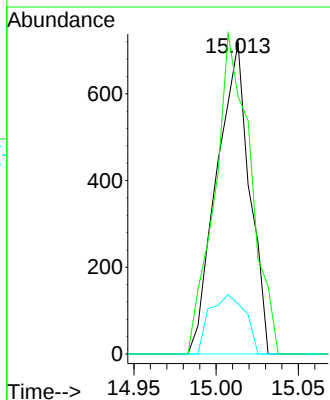
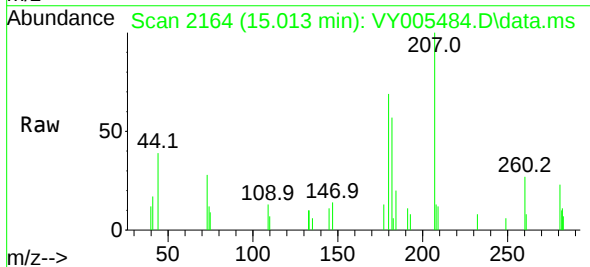
Instrument :
 MSVOA_Y
 ClientSampleId :

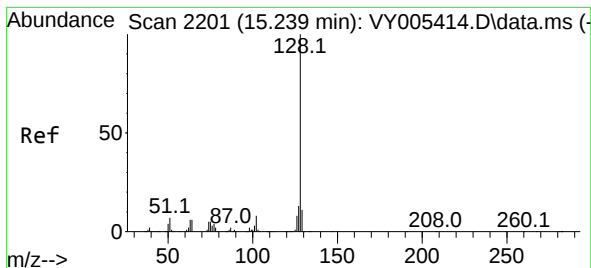
Tgt Ion: 75 Resp: 182
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.8#
 157 25.8 54.1 162.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.139 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY005484.D
 Acq: 28 Jul 2021 13:12

Tgt Ion: 180 Resp: 996
 Ion Ratio Lower Upper
 180 100
 182 112.8 48.0 144.0
 145 20.6 14.0 41.9

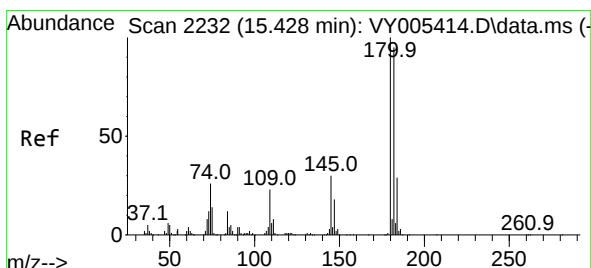
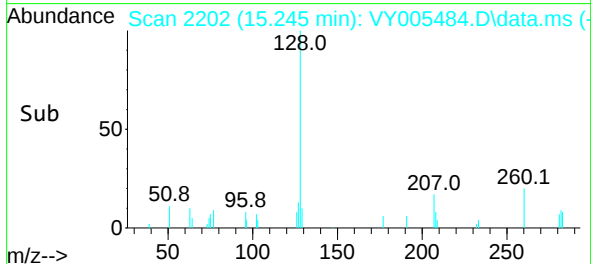
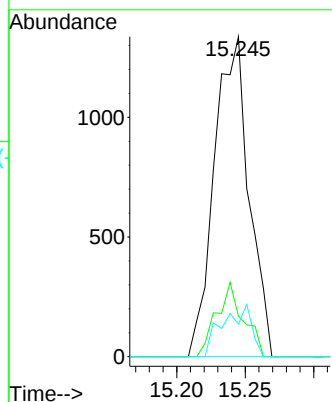
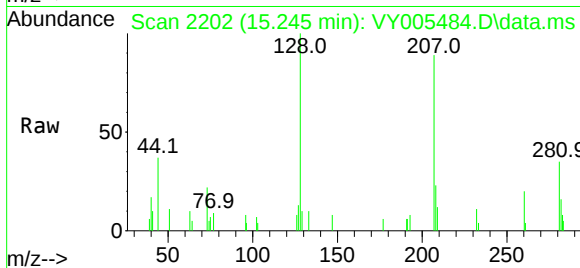




#95
Naphthalene
Concen: 1.333 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2345
Ion Ratio Lower Upper
128 100
127 18.1 10.7 16.1#
129 13.5 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.401 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY005484.D
Acq: 28 Jul 2021 13:12

Tgt Ion:180 Resp: 1104
Ion Ratio Lower Upper
180 100
182 99.8 47.3 141.9
145 37.9 14.9 44.5

