

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005216.D
 Acq On : 24 Jun 2021 17:11
 Operator : SY/MD
 Sample : M2832-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:36:29 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)

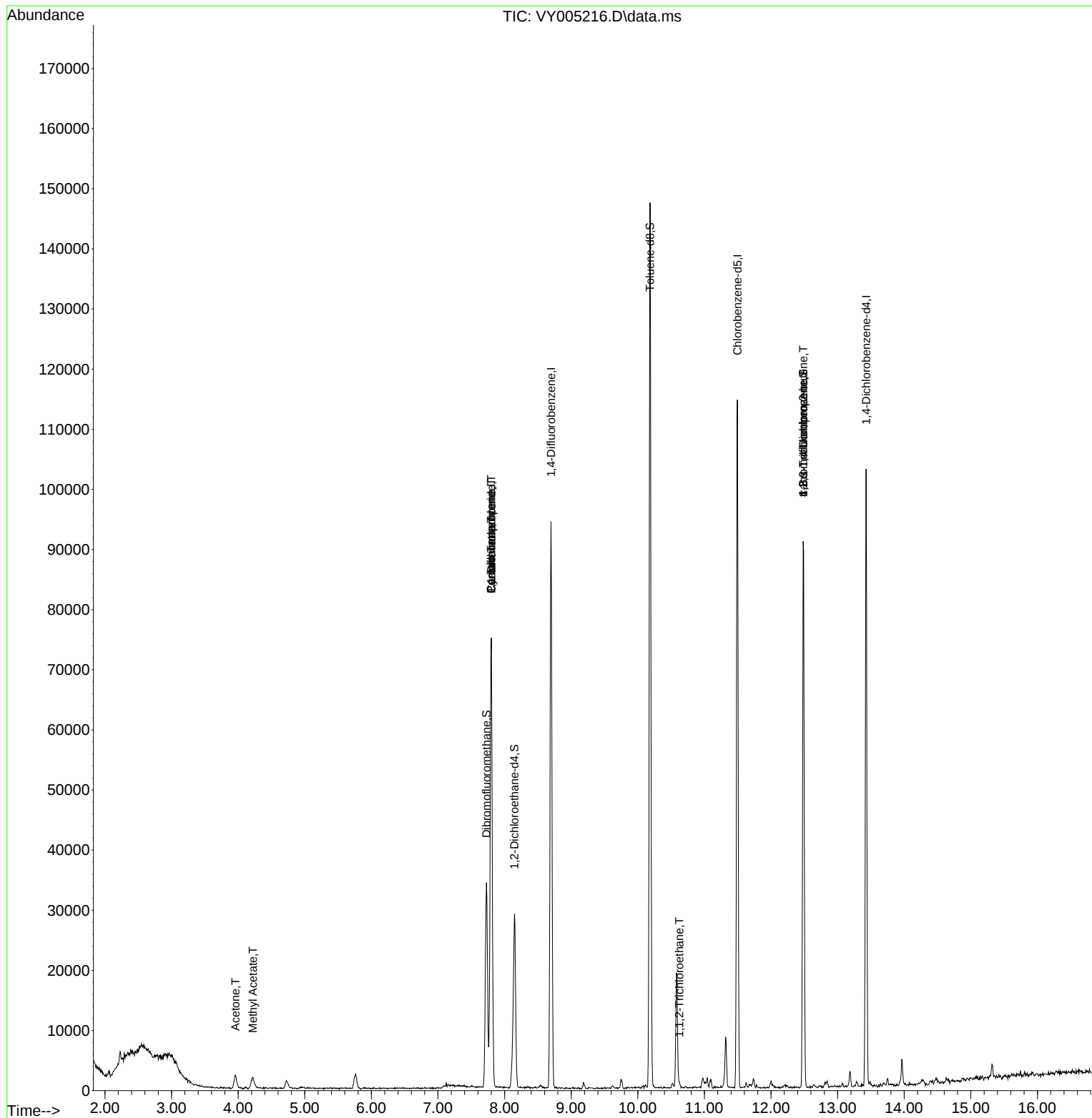
Internal Standards						
1) Pentafluorobenzene	7.801	168	65039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	84400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	68218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20619	38.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.400%		
35) Dibromofluoromethane	7.728	113	24025	48.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.540%		
50) Toluene-d8	10.185	98	99759	50.116	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.483	95	24705	37.245	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.500%		
Target Compounds						
11) Tert butyl alcohol	4.960	59	366	Below Cal	#	77
16) Acetone	3.960	43	4002	32.097	ug/l	96
18) Methyl Acetate	4.222	43	591	1.784	ug/l	# 47
20) Methylene Chloride	4.722	84	1036	Below Cal	#	83
31) Cyclohexane	7.801	56	1027	1.066	ug/l	# 8
36) 1,1-Dichloropropene	7.801	75	4200	5.651	ug/l	# 49
38) Carbon Tetrachloride	7.801	117	5354	6.882	ug/l	# 15
55) 1,1,2-Trichloroethane	10.624	97	528	1.186	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	11942	47.476	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	11942	88.579	ug/l	# 17

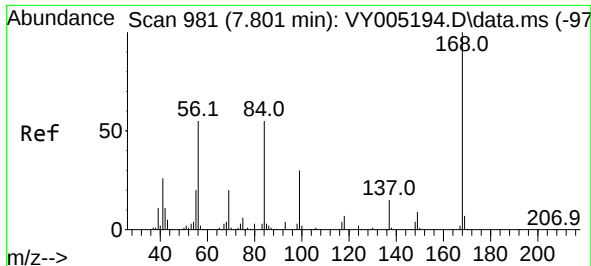
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
Data File : VY005216.D
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Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Jun 25 04:36:29 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

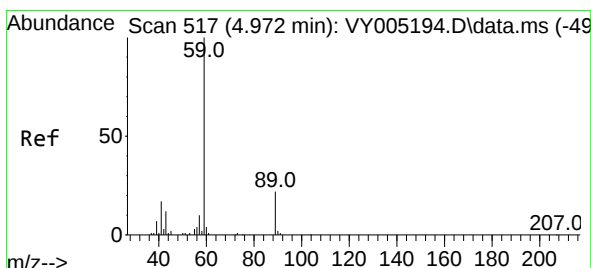
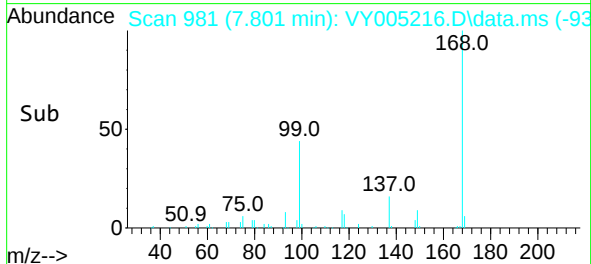
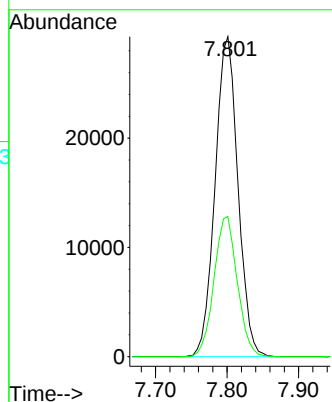
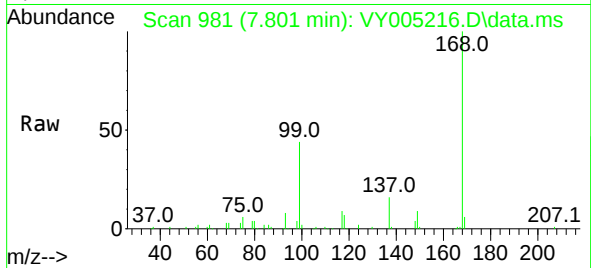




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

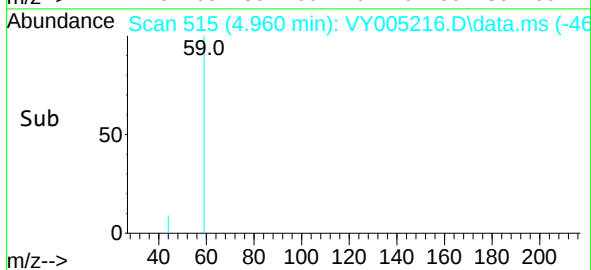
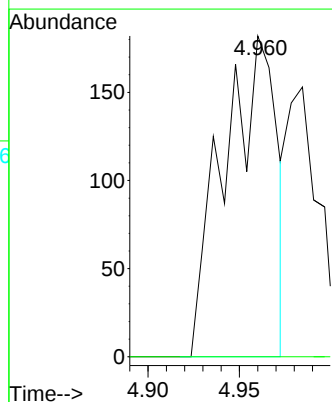
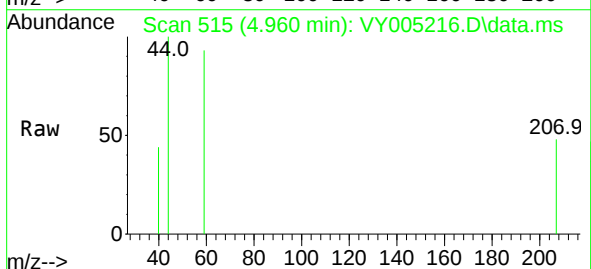
Instrument :
MSVOA_Y
ClientSampleId :

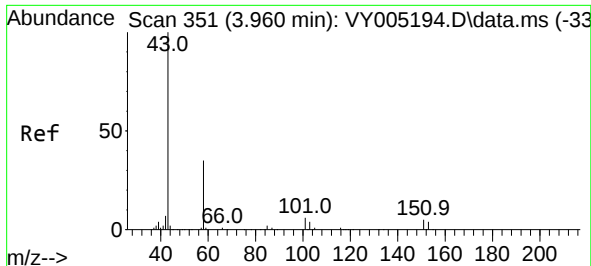
Tgt Ion:168 Resp: 65039
Ion Ratio Lower Upper
168 100
99 43.8 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Tgt Ion: 59 Resp: 366
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

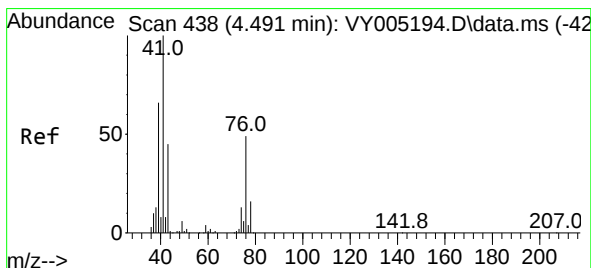
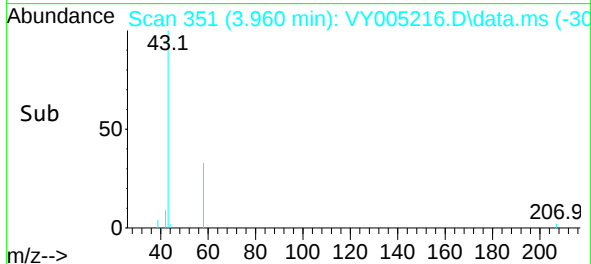
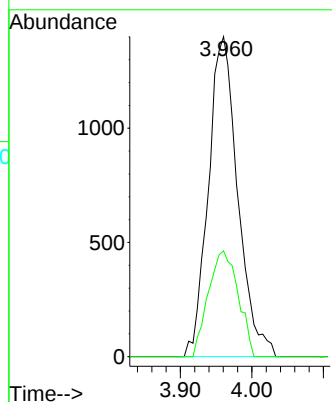
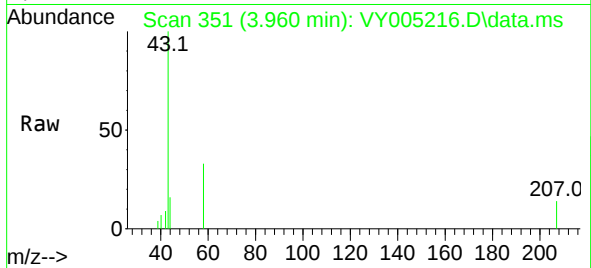




#16
Acetone
Concen: 32.097 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

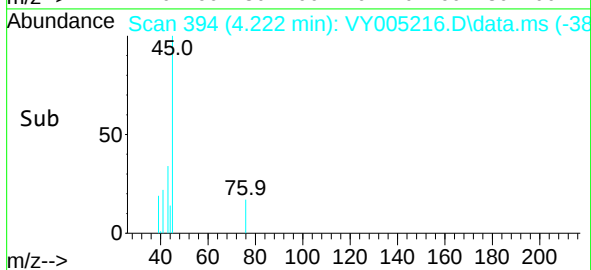
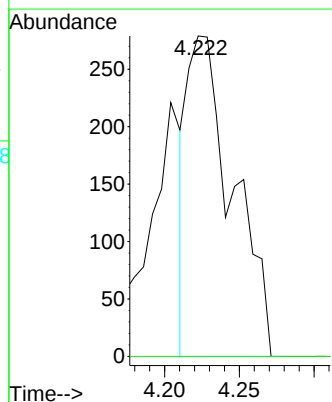
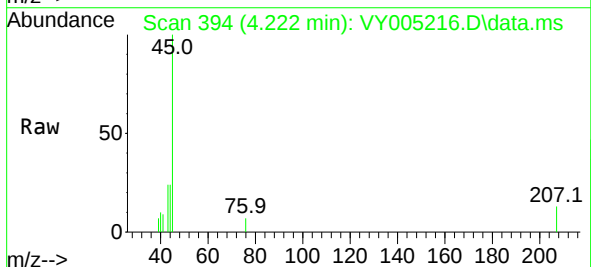
Instrument :
MSVOA_Y
ClientSampleId :

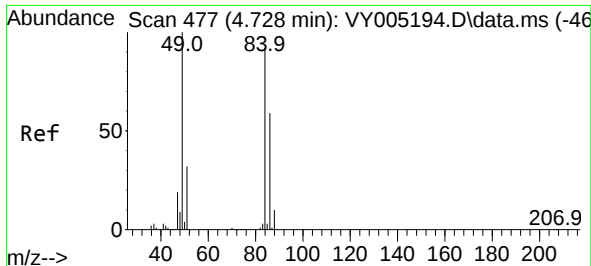
Tgt Ion: 43 Resp: 4002
Ion Ratio Lower Upper
43 100
58 33.0 28.2 42.2



#18
Methyl Acetate
Concen: 1.784 ug/l
RT: 4.222 min Scan# 394
Delta R.T. -0.268 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

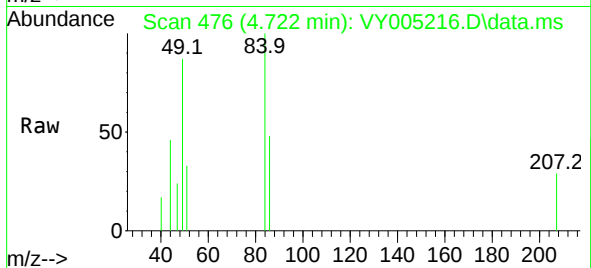
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#





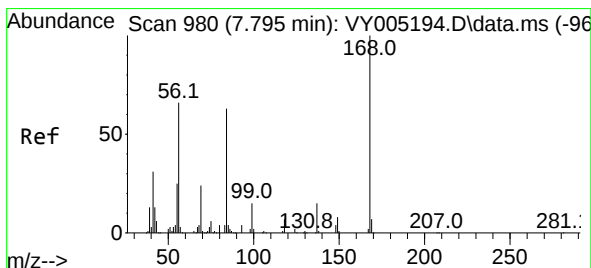
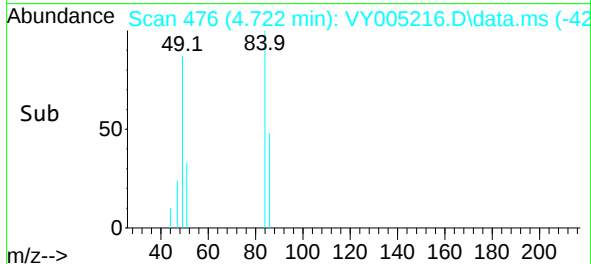
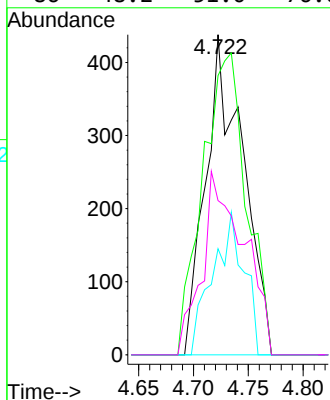
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :

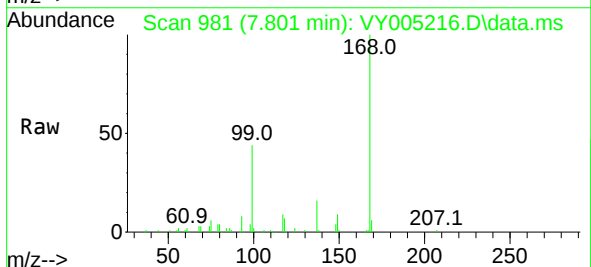


Tgt Ion: 84 Resp: 1036

Ion	Ratio	Lower	Upper
84	100		
49	87.2	86.9	130.3
51	33.1	27.4	41.2
86	48.2	51.0	76.6#

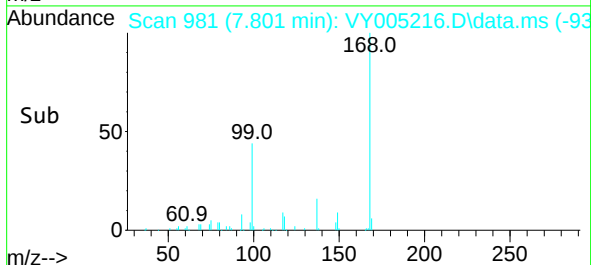
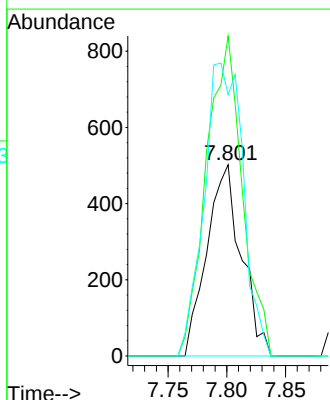


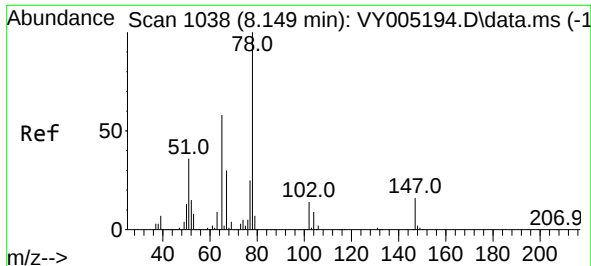
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11



Tgt Ion: 56 Resp: 1027

Ion	Ratio	Lower	Upper
56	100		
69	167.3	29.6	44.4#
84	136.7	76.4	114.6#

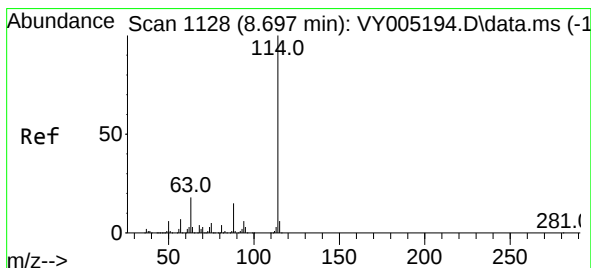
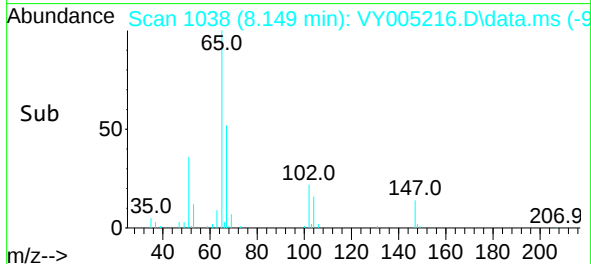
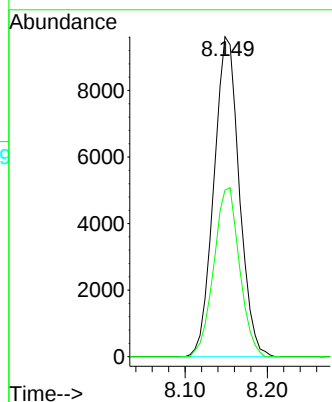
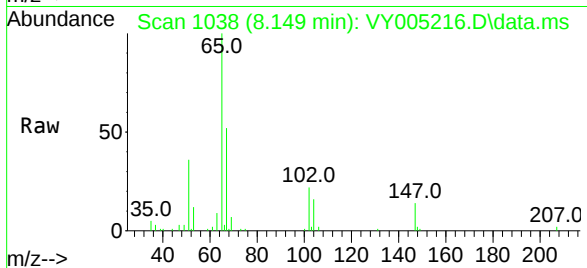




#33
1,2-Dichloroethane-d4
Concen: 38.202 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

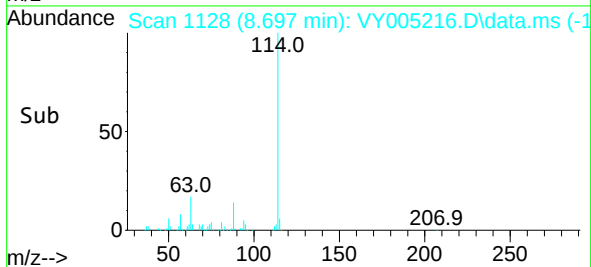
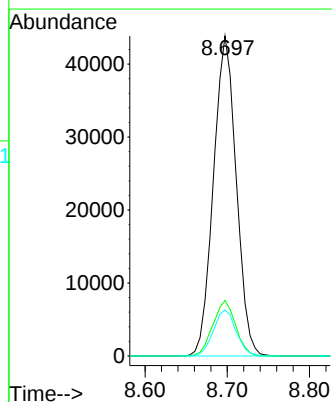
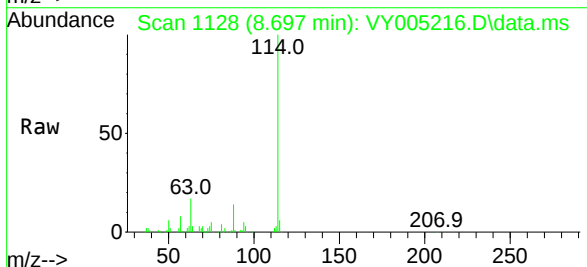
Instrument :
MSVOA_Y
ClientSampleId :

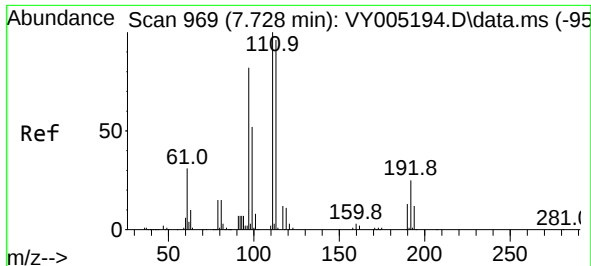
Tgt Ion: 65 Resp: 20619
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

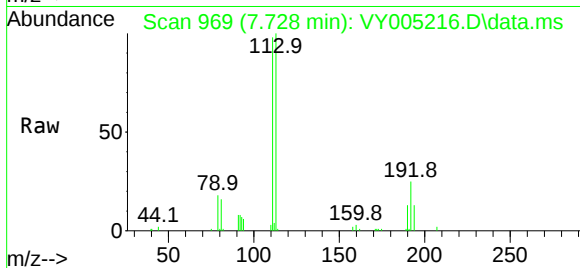
Tgt Ion: 114 Resp: 84400
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.2
88 14.4 0.0 29.4



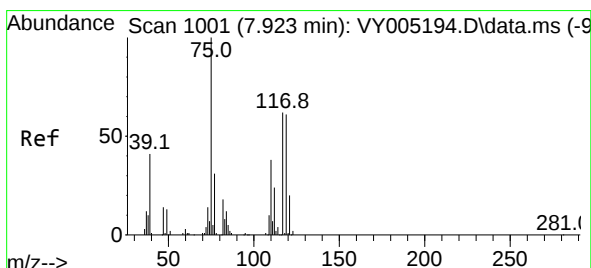
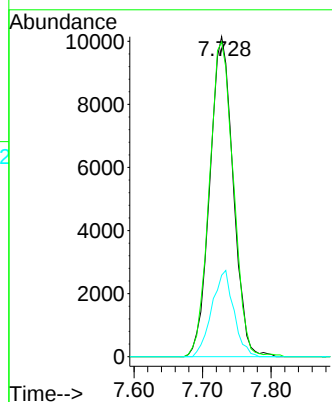
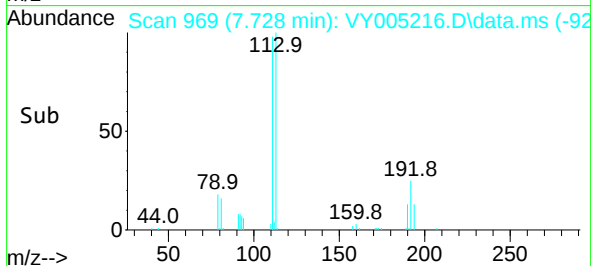


#35
Dibromofluoromethane
Concen: 48.267 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

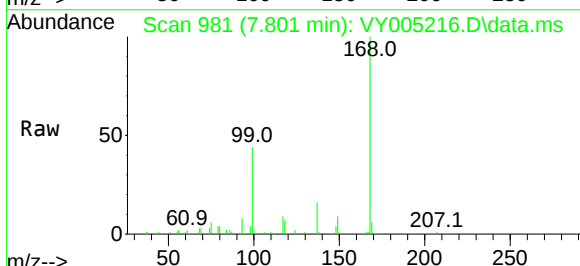
Instrument :
MSVOA_Y
ClientSampled :



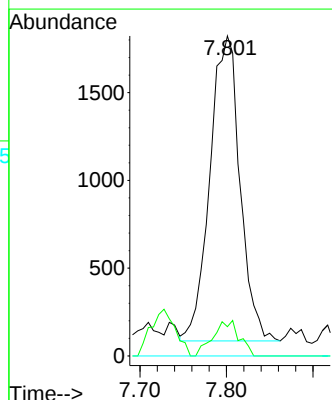
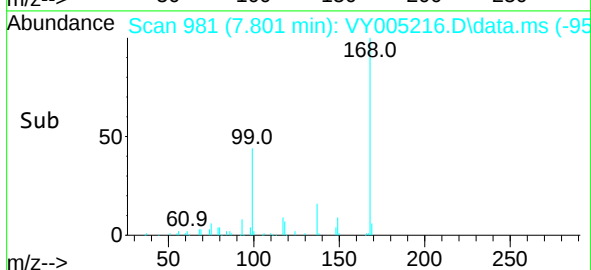
Tgt Ion:113 Resp: 24025
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 25.4 20.2 30.2

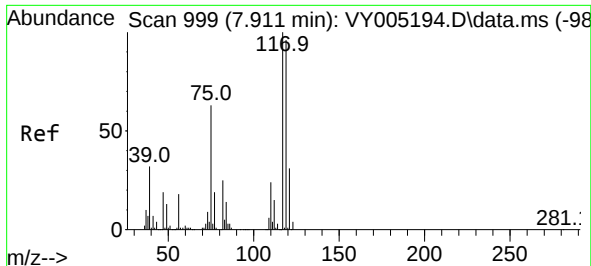


#36
1,1-Dichloropropene
Concen: 5.651 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11



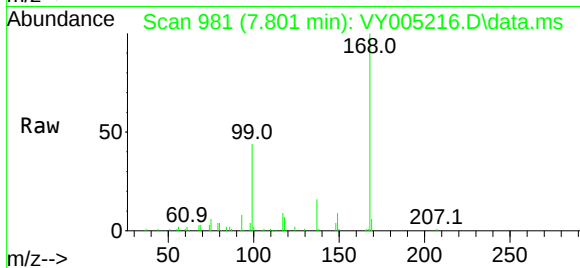
Tgt Ion: 75 Resp: 4200
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.5#
77 0.0 25.2 37.8#



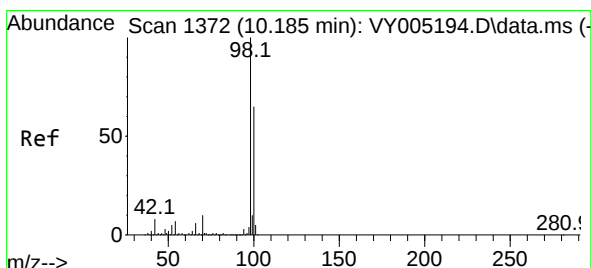
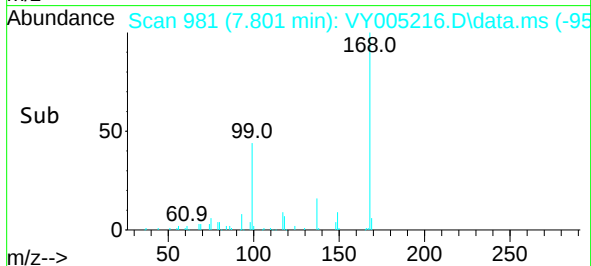
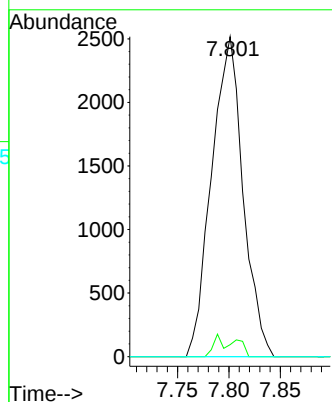


#38
Carbon Tetrachloride
Concen: 6.882 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :

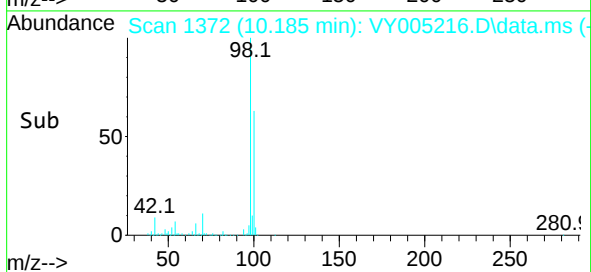
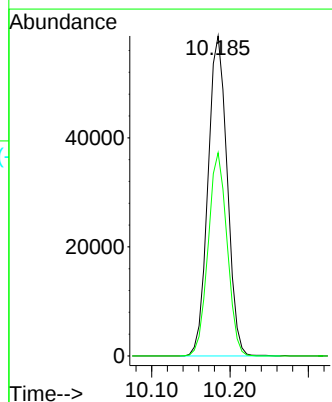
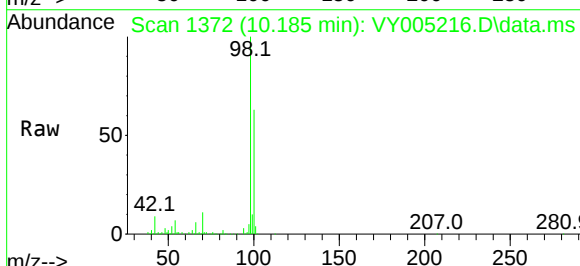


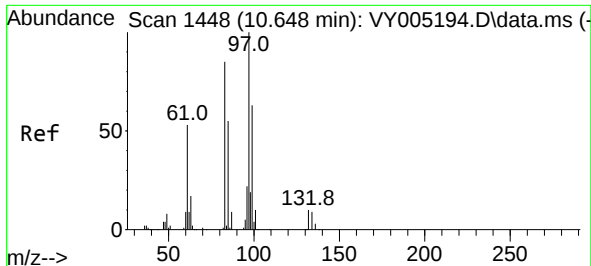
Tgt Ion:117 Resp: 5354
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.116 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

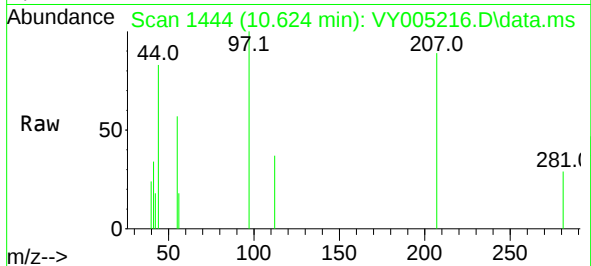
Tgt Ion: 98 Resp: 99759
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9



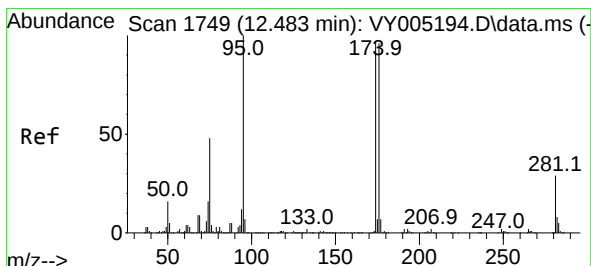
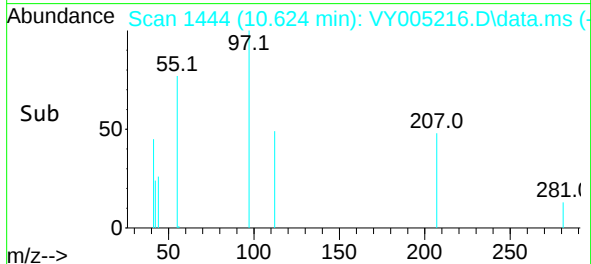
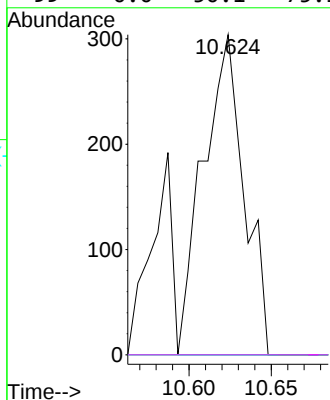


#55
1,1,2-Trichloroethane
Concen: 1.186 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :

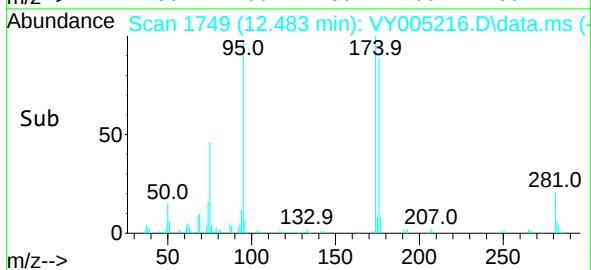
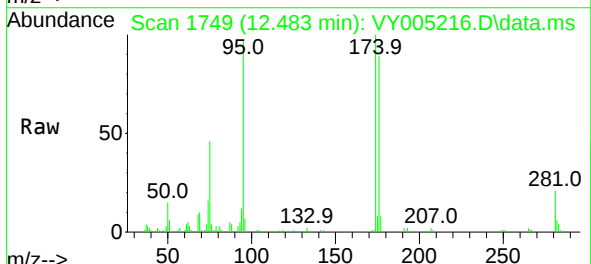
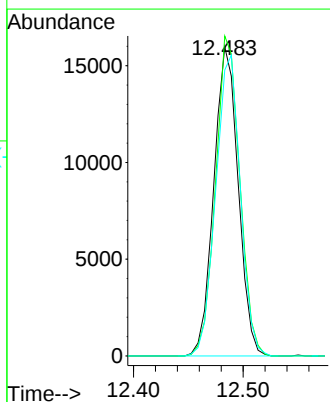


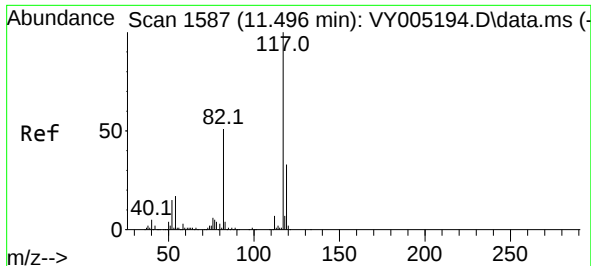
Tgt Ion: 97	Resp: 528
Ion Ratio	Lower Upper
97 100	
83 0.0	68.4 102.6#
85 0.0	43.7 65.5#
99 0.0	50.1 75.1#



#62
4-Bromofluorobenzene
Concen: 37.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Tgt Ion: 95	Resp: 24705
Ion Ratio	Lower Upper
95 100	
174 102.7	0.0 201.6
176 98.1	0.0 197.4

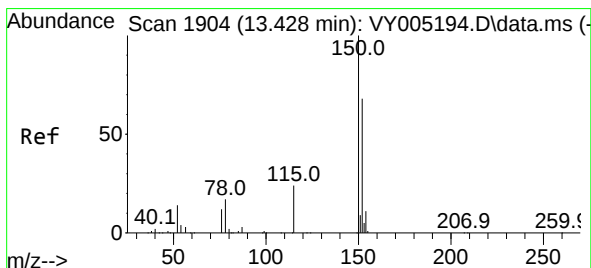
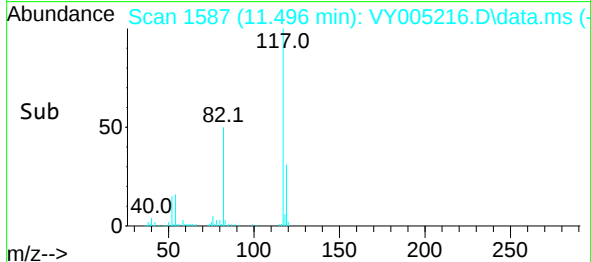
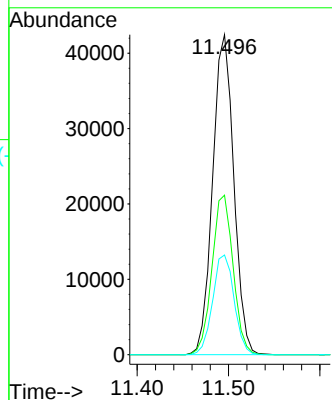
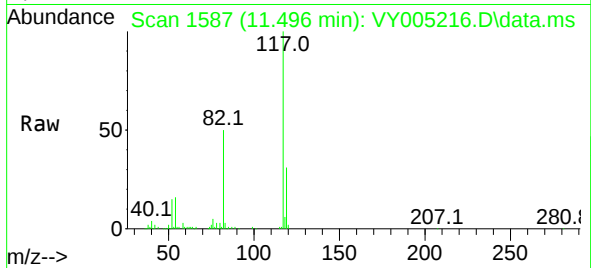




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

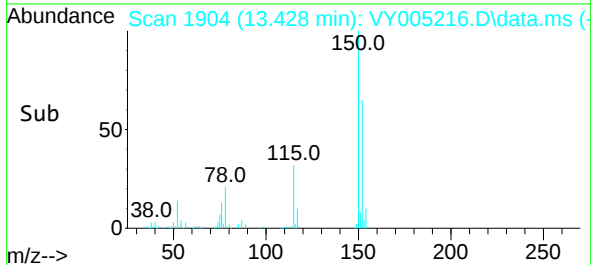
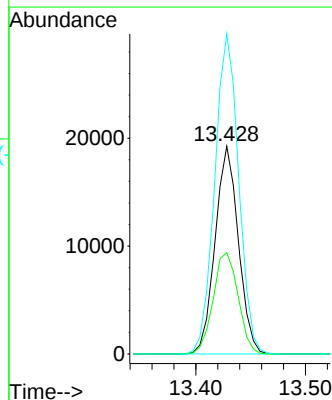
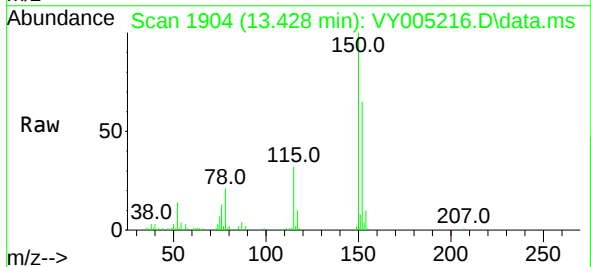
Instrument :
MSVOA_Y
ClientSampleId :

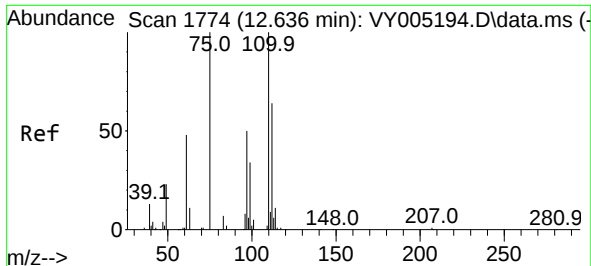
Tgt Ion:117 Resp: 68218
Ion Ratio Lower Upper
117 100
82 49.9 40.6 60.8
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Tgt Ion:152 Resp: 28362
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 158.6 0.0 344.2

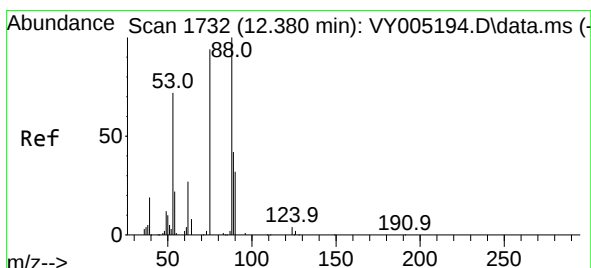
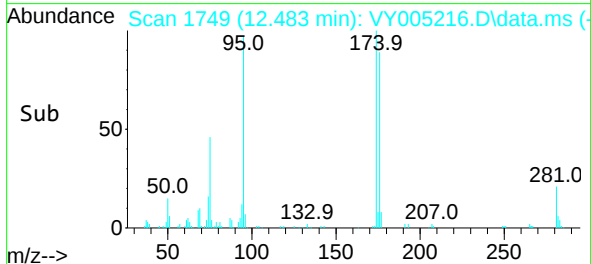
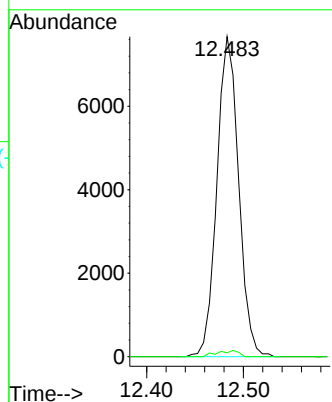
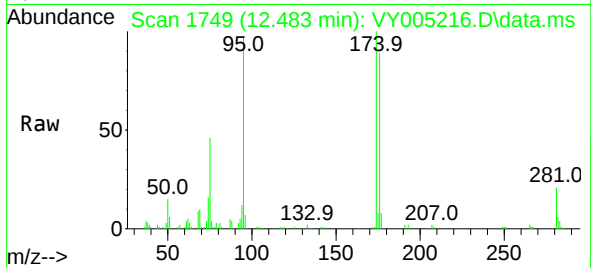




#76
1,2,3-Trichloropropane
Concen: 47.476 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11942
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.579 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005216.D
Acq: 24 Jun 2021 17:11

Tgt Ion: 75 Resp: 11942
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 38.0 57.0#

