

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005534.D
 Acq On : 04 Aug 2021 13:52
 Operator : SY/MD
 Sample : M3271-10
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:39:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

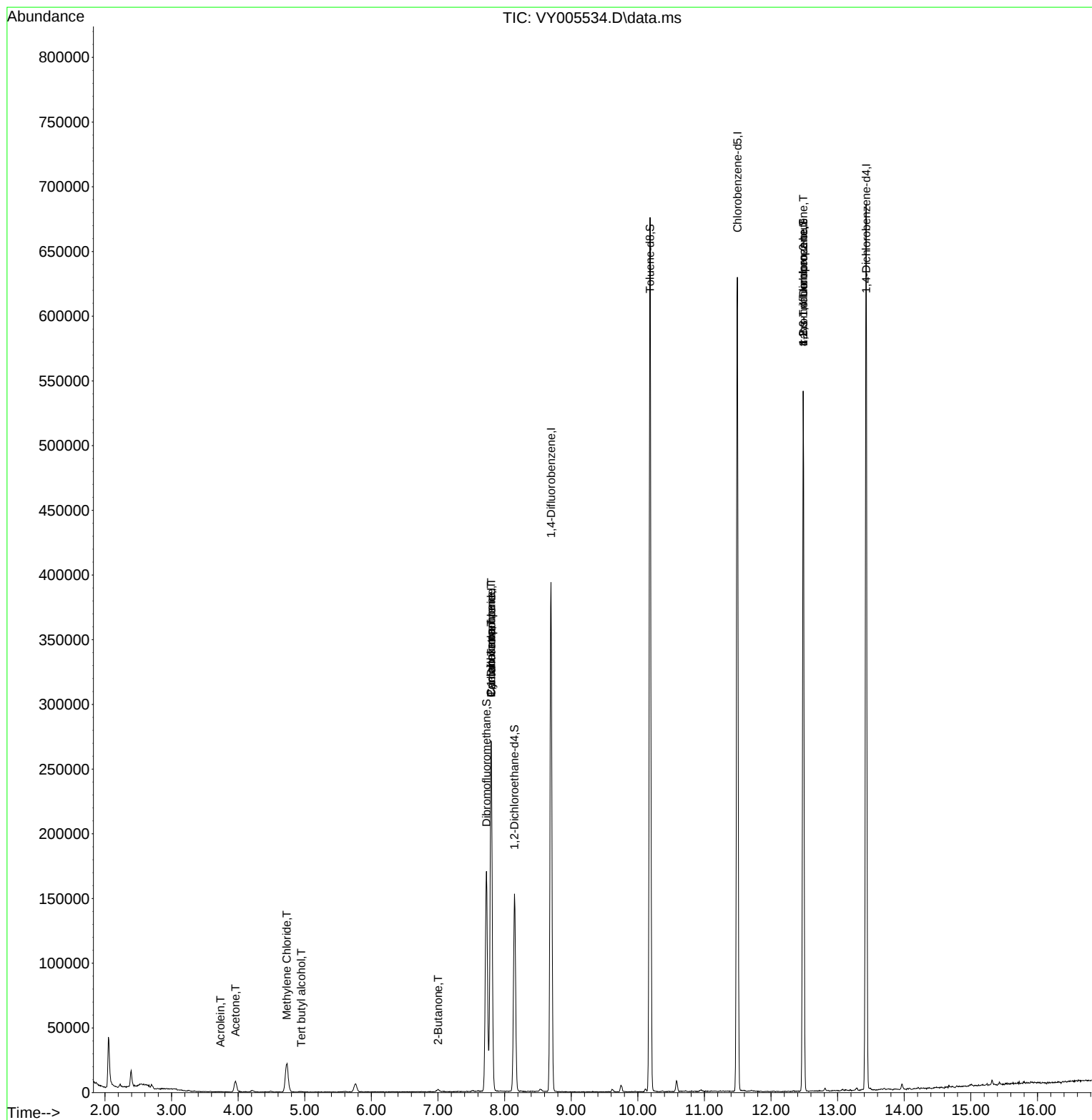
Internal Standards						
1) Pentafluorobenzene	7.801	168	223419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	340619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125973	55.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.400%	
35) Dibromofluoromethane	7.728	113	113910	61.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.100%	
50) Toluene-d8	10.185	98	425303	54.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.483	95	149316	57.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	442	1.977	ug/l #	73
13) Acrolein	3.735	56	160	1.186	ug/l	99
16) Acetone	3.960	43	14547	25.512	ug/l	99
20) Methylene Chloride	4.729	84	17039	1.678	ug/l	91
25) 2-Butanone	7.003	43	2734	3.244	ug/l	90
31) Cyclohexane	7.795	56	4331	1.116	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	15003	4.800	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20043	5.900	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	82630	45.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82630	91.045	ug/l #	11

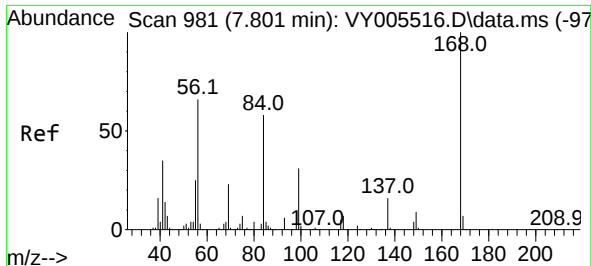
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

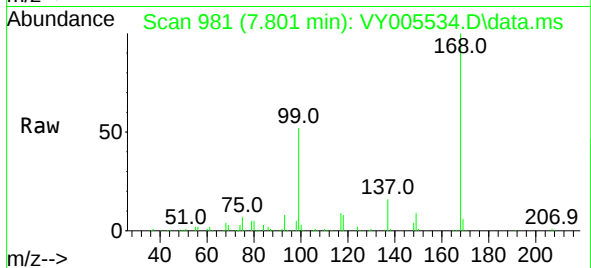
Quant Time: Aug 05 06:39:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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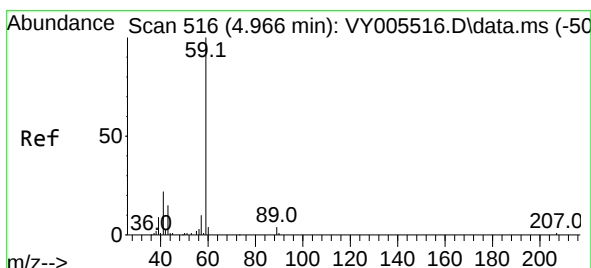
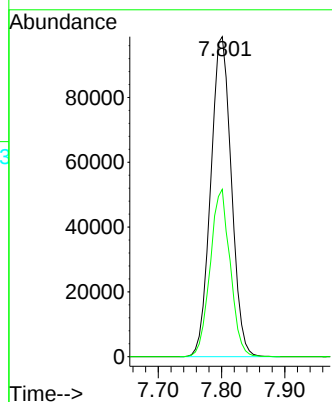
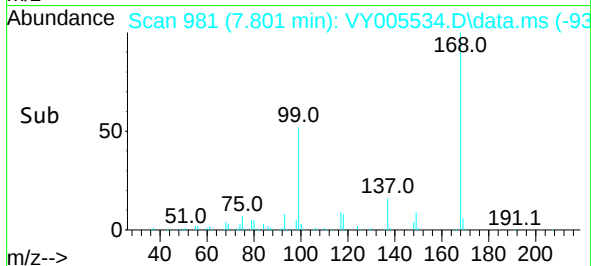


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

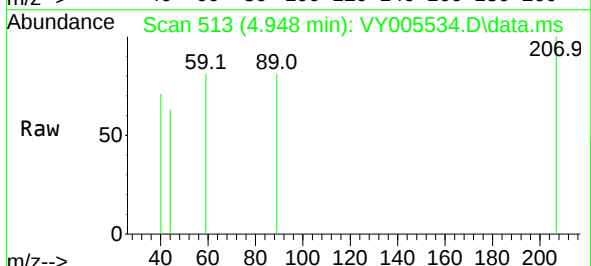
Instrument :
MSVOA_Y
ClientSampled :



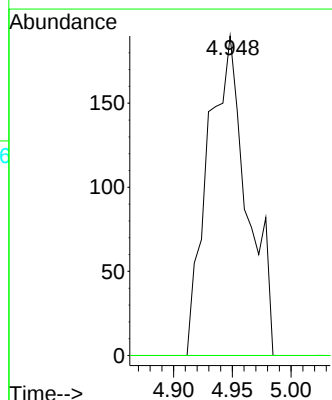
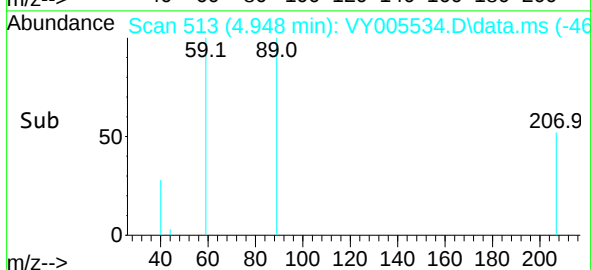
Tgt Ion:168 Resp: 223419
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3

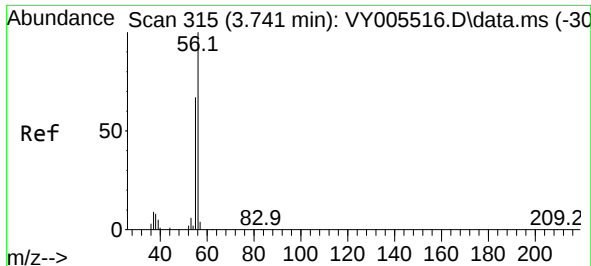


#11
Tert butyl alcohol
Concen: 1.977 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52



Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

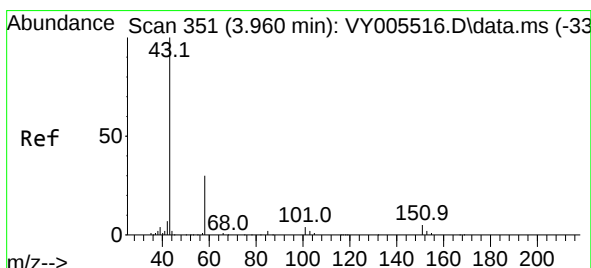
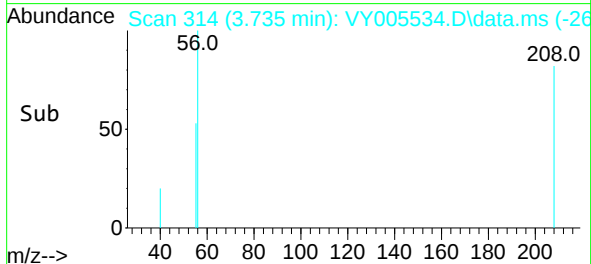
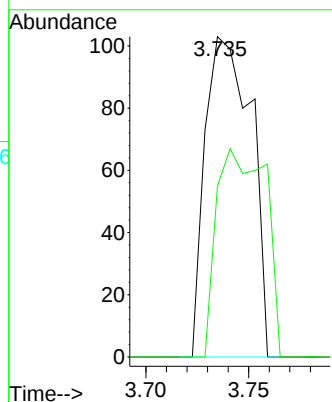
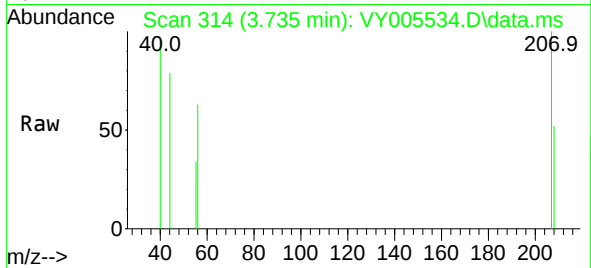




#13
Acrolein
Concen: 1.186 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

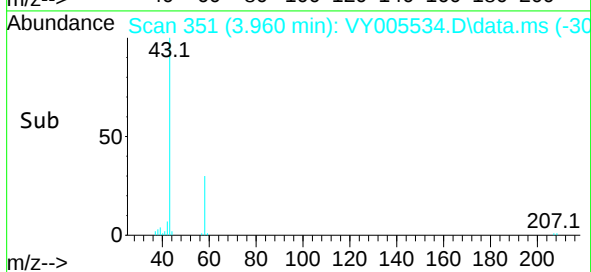
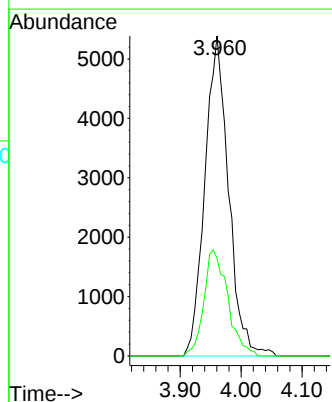
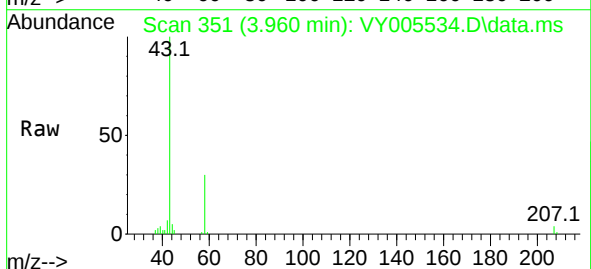
Instrument :
MSVOA_Y
ClientSampled :

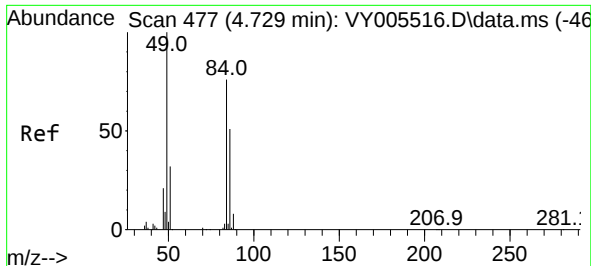
Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 69.4 56.5 84.7



#16
Acetone
Concen: 25.512 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Tgt Ion: 43 Resp: 14547
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.6



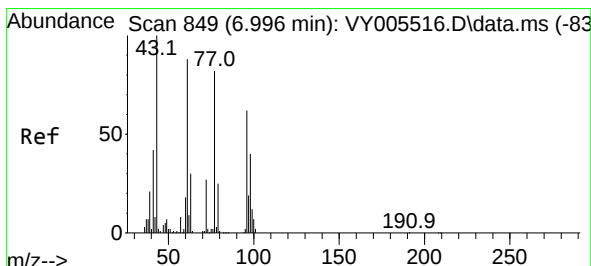
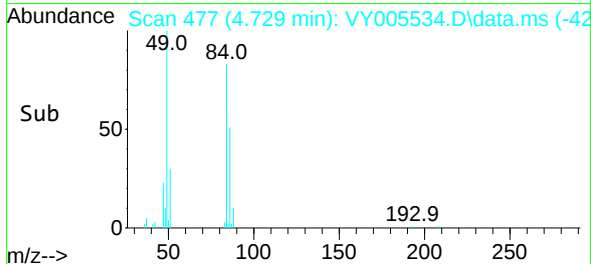
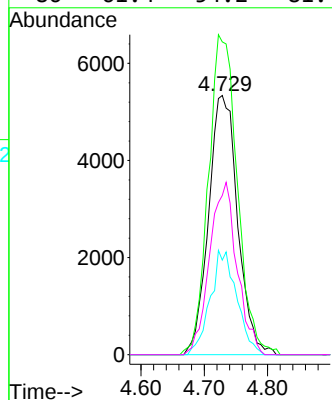
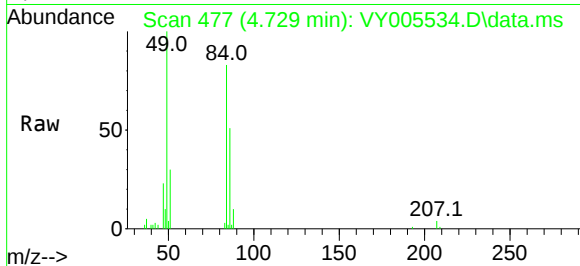


#20
Methylene Chloride
Concen: 1.678 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 17039

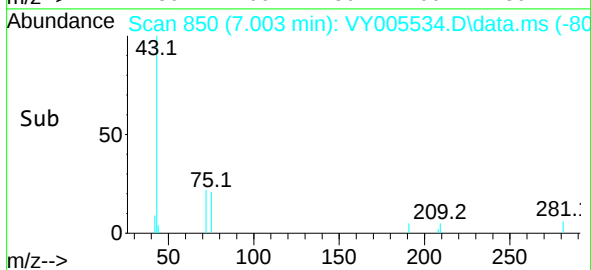
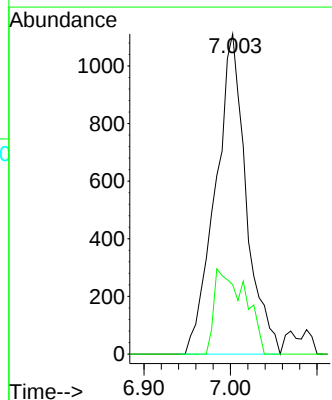
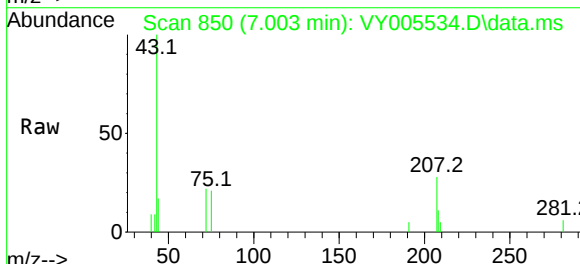
Ion	Ratio	Lower	Upper
84	100		
49	120.7	105.8	158.6
51	36.5	33.4	50.2
86	61.4	54.2	81.4

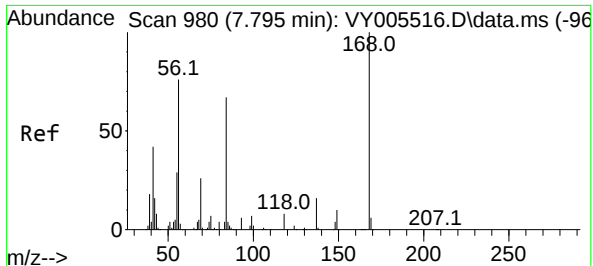


#25
2-Butanone
Concen: 3.244 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Tgt Ion: 43 Resp: 2734

Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.4	32.2

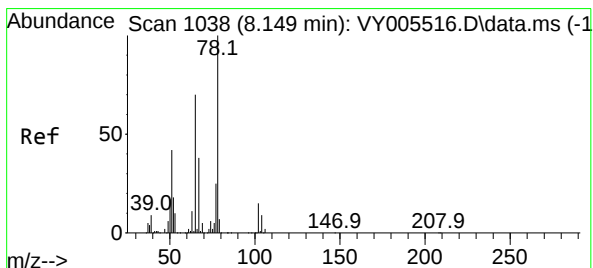
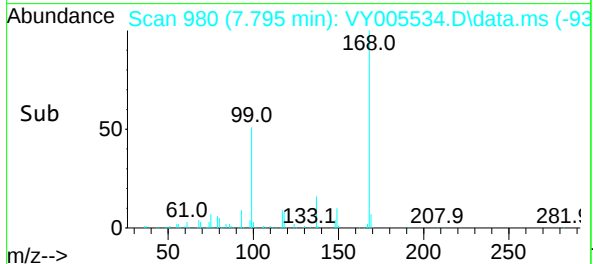
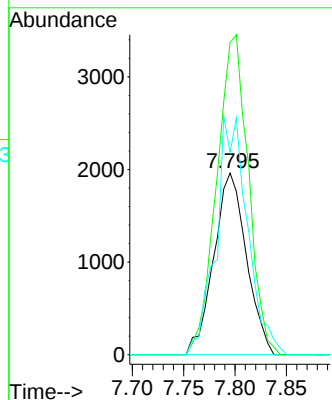
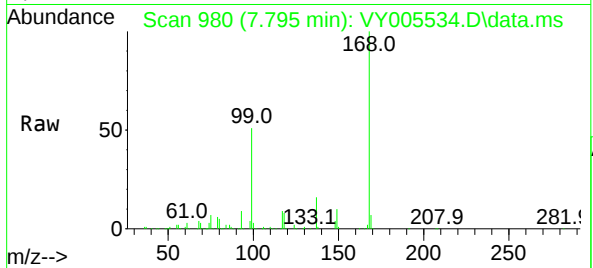




#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

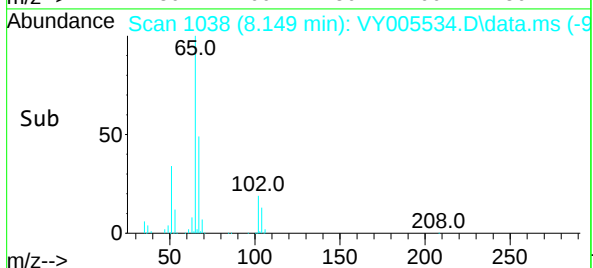
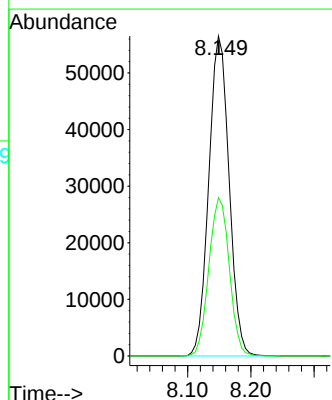
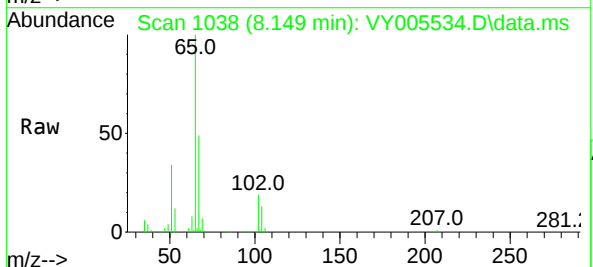
Instrument :
MSVOA_Y
ClientSampleId :

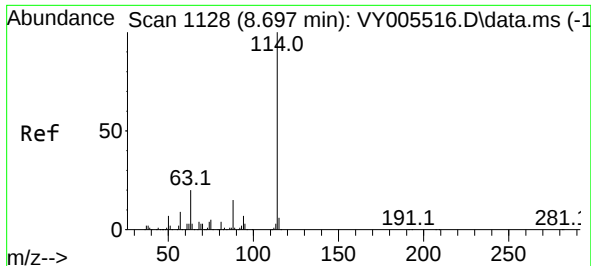
Tgt Ion: 56 Resp: 4331
Ion Ratio Lower Upper
56 100
69 171.8 27.7 41.5#
84 111.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 55.702 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Tgt Ion: 65 Resp: 125973
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005534.D

Acq: 04 Aug 2021 13:52

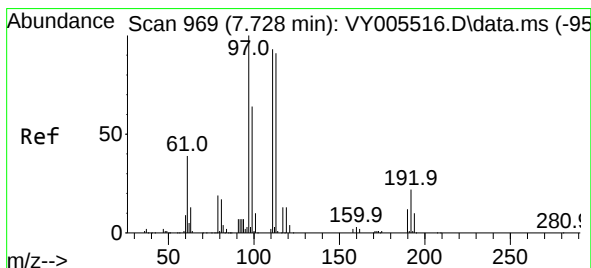
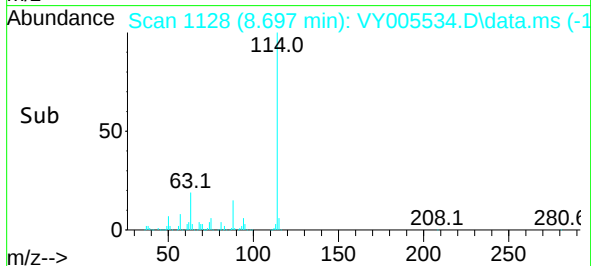
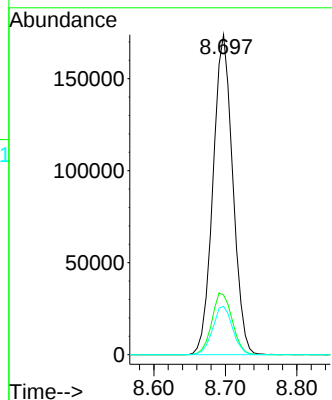
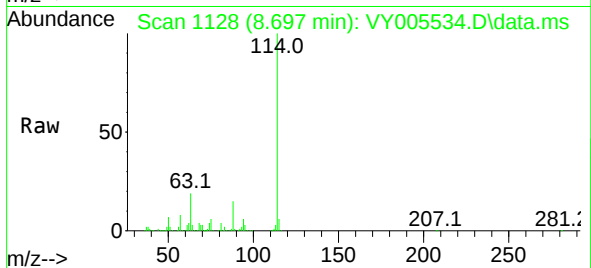
Tgt Ion:114 Resp: 333238

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 61.054 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005534.D

Acq: 04 Aug 2021 13:52

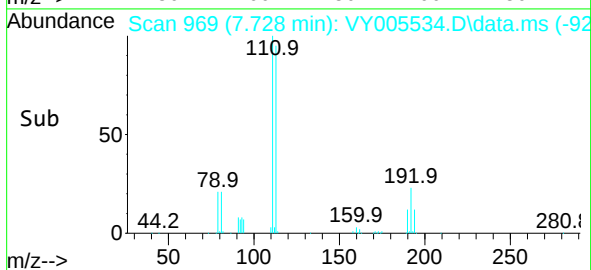
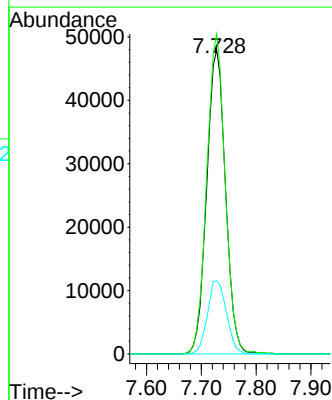
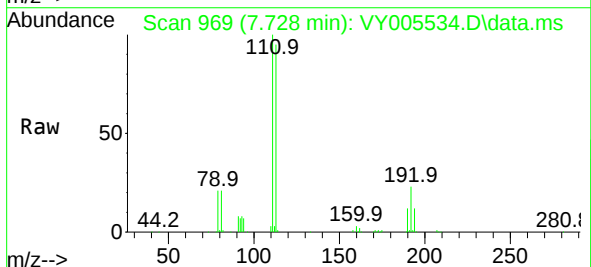
Tgt Ion:113 Resp: 113910

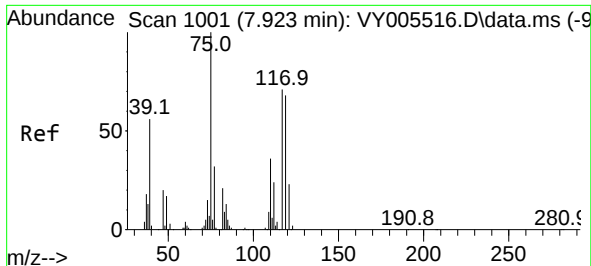
Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

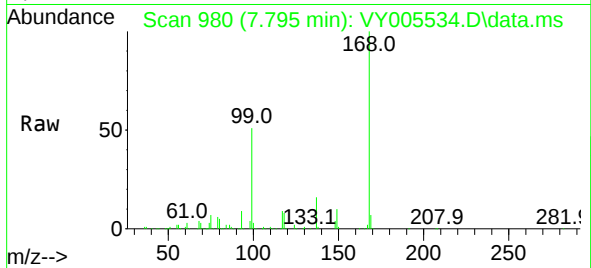
192 24.3 19.2 28.8



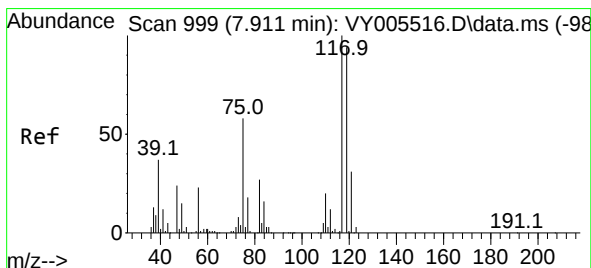
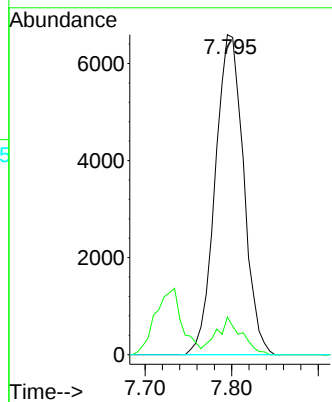
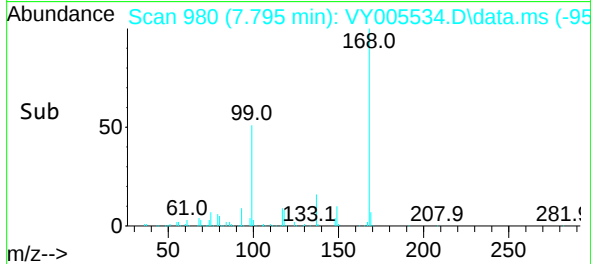


#36
 1,1-Dichloropropene
 Concen: 4.800 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005534.D
 Acq: 04 Aug 2021 13:52

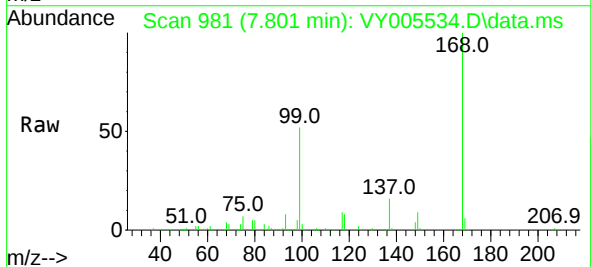
Instrument :
 MSVOA_Y
 ClientSampleId :



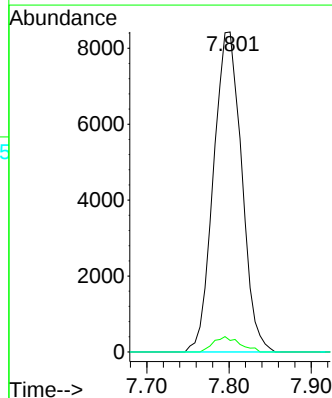
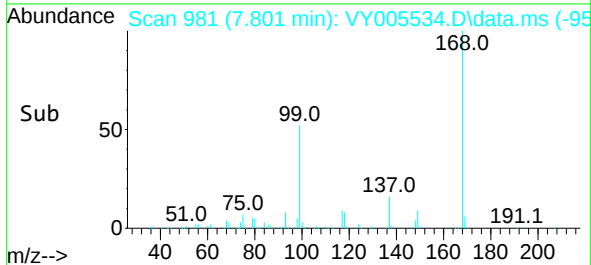
Tgt Ion: 75 Resp: 15003
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.1#
 77 0.0 25.1 37.7#

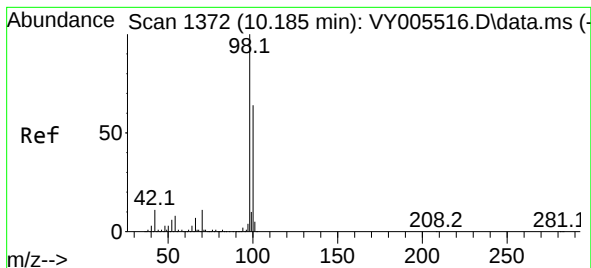


#38
 Carbon Tetrachloride
 Concen: 5.900 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005534.D
 Acq: 04 Aug 2021 13:52



Tgt Ion: 117 Resp: 20043
 Ion Ratio Lower Upper
 117 100
 119 3.6 75.4 113.0#
 121 0.0 25.1 37.7#

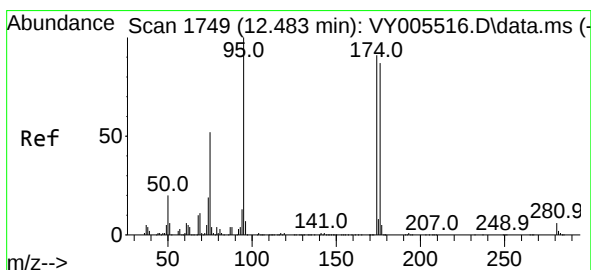
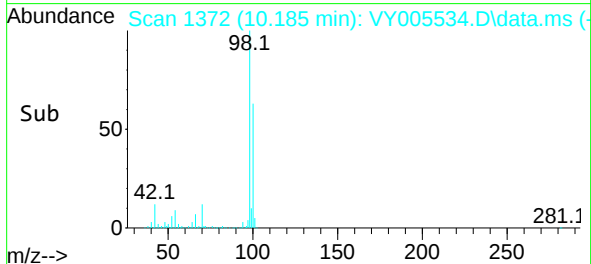
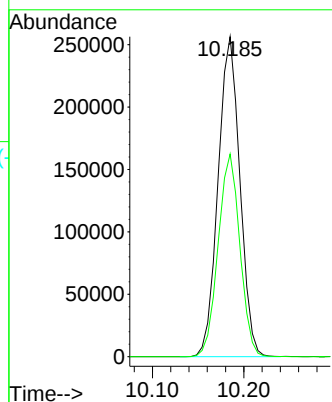
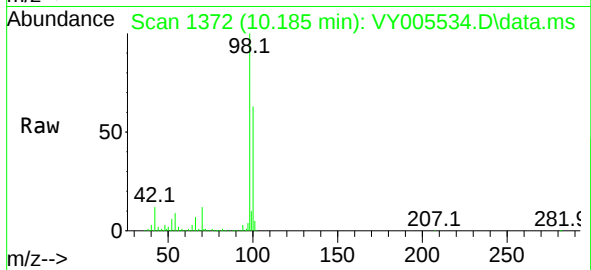




#50
Toluene-d8
Concen: 54.354 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

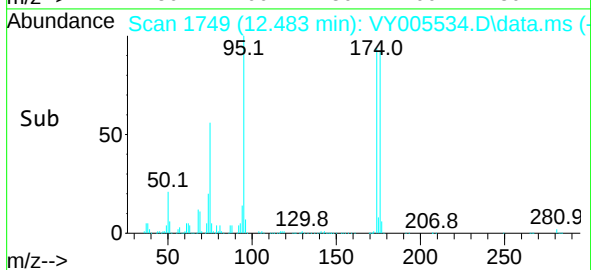
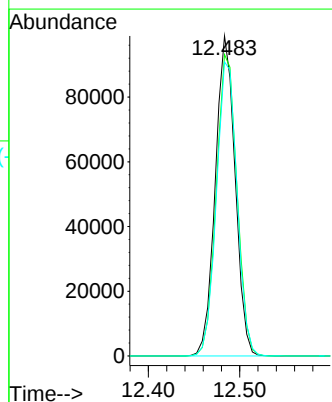
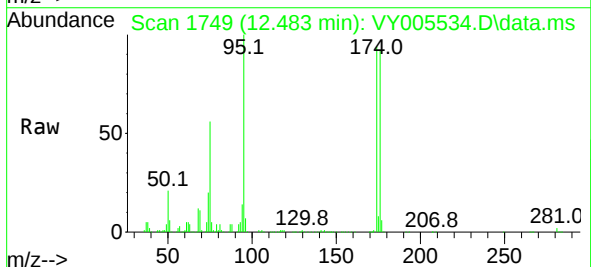
Instrument :
MSVOA_Y
ClientSampleId :

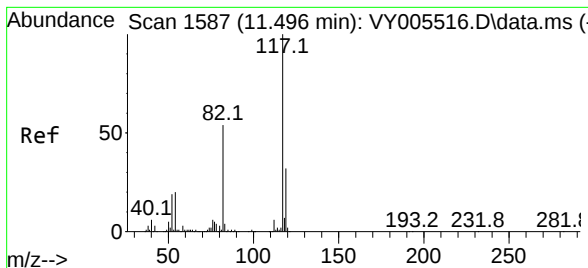
Tgt Ion: 98 Resp: 425303
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.625 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Tgt Ion: 95 Resp: 149316
Ion Ratio Lower Upper
95 100
174 97.9 0.0 191.4
176 95.5 0.0 183.6

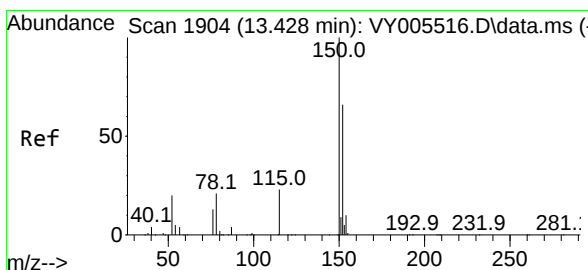
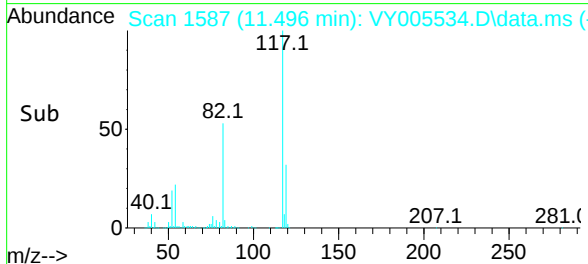
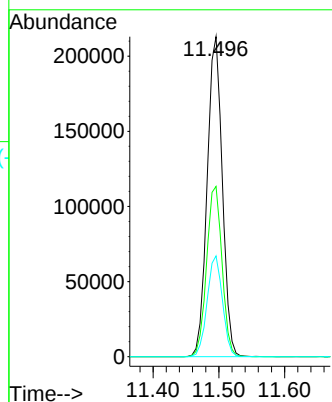
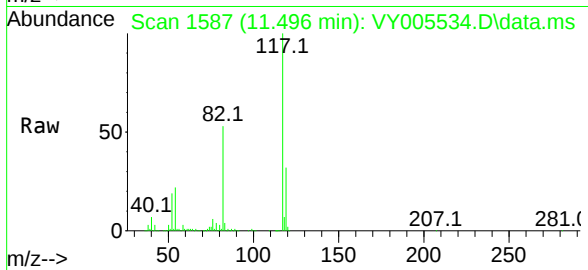




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

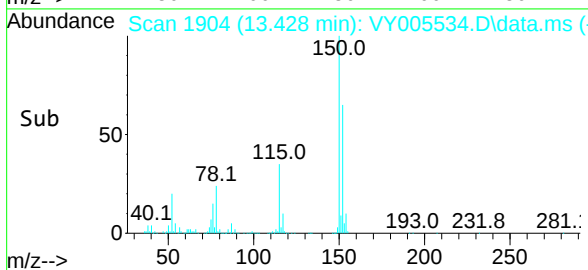
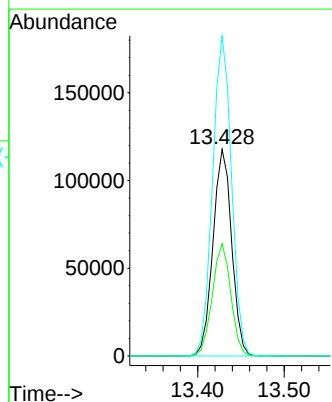
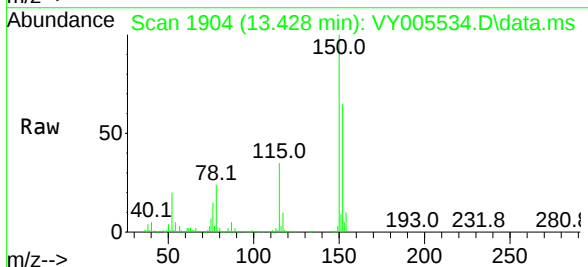
Instrument :
MSVOA_Y
ClientSampleId :

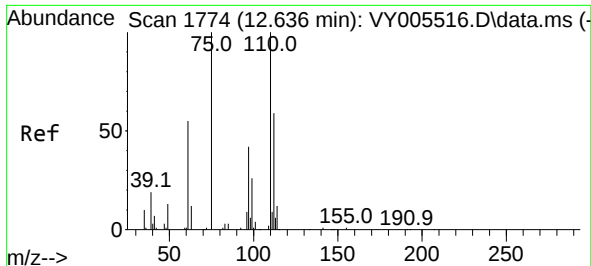
Tgt Ion:117 Resp: 340619
Ion Ratio Lower Upper
117 100
82 53.2 43.5 65.3
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Tgt Ion:152 Resp: 176548
Ion Ratio Lower Upper
152 100
115 53.6 27.3 81.9
150 156.7 0.0 350.2

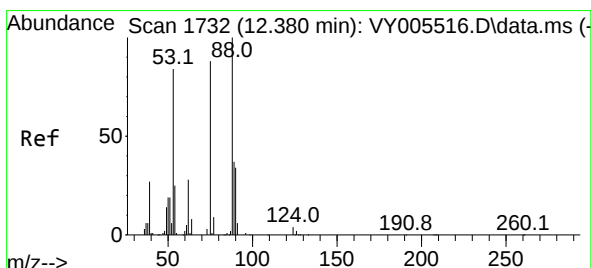
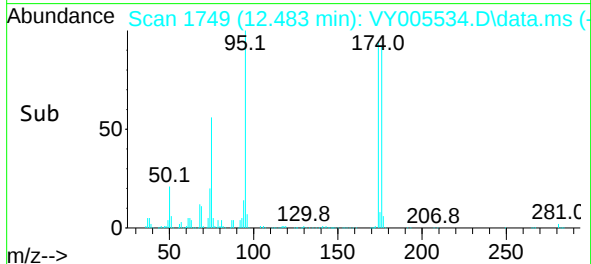
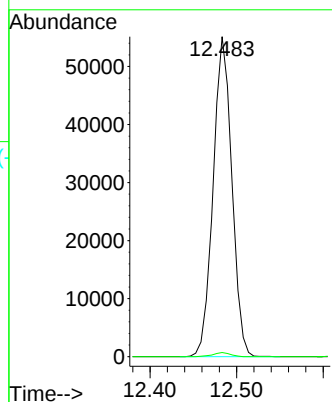
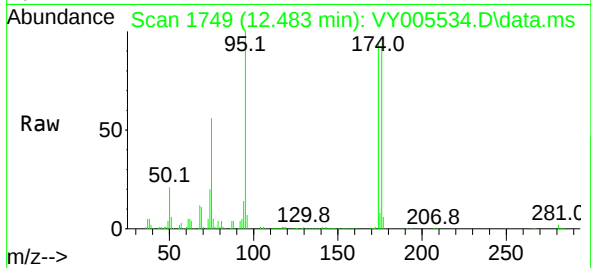




#76
1,2,3-Trichloropropane
Concen: 45.164 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 82630
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.045 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005534.D
Acq: 04 Aug 2021 13:52

Tgt Ion: 75 Resp: 82630
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

