

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004185.D
 Acq On : 24 Mar 2021 14:02
 Operator : SY/MD
 Sample : M1730-01
 Misc : 5.08g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:19:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

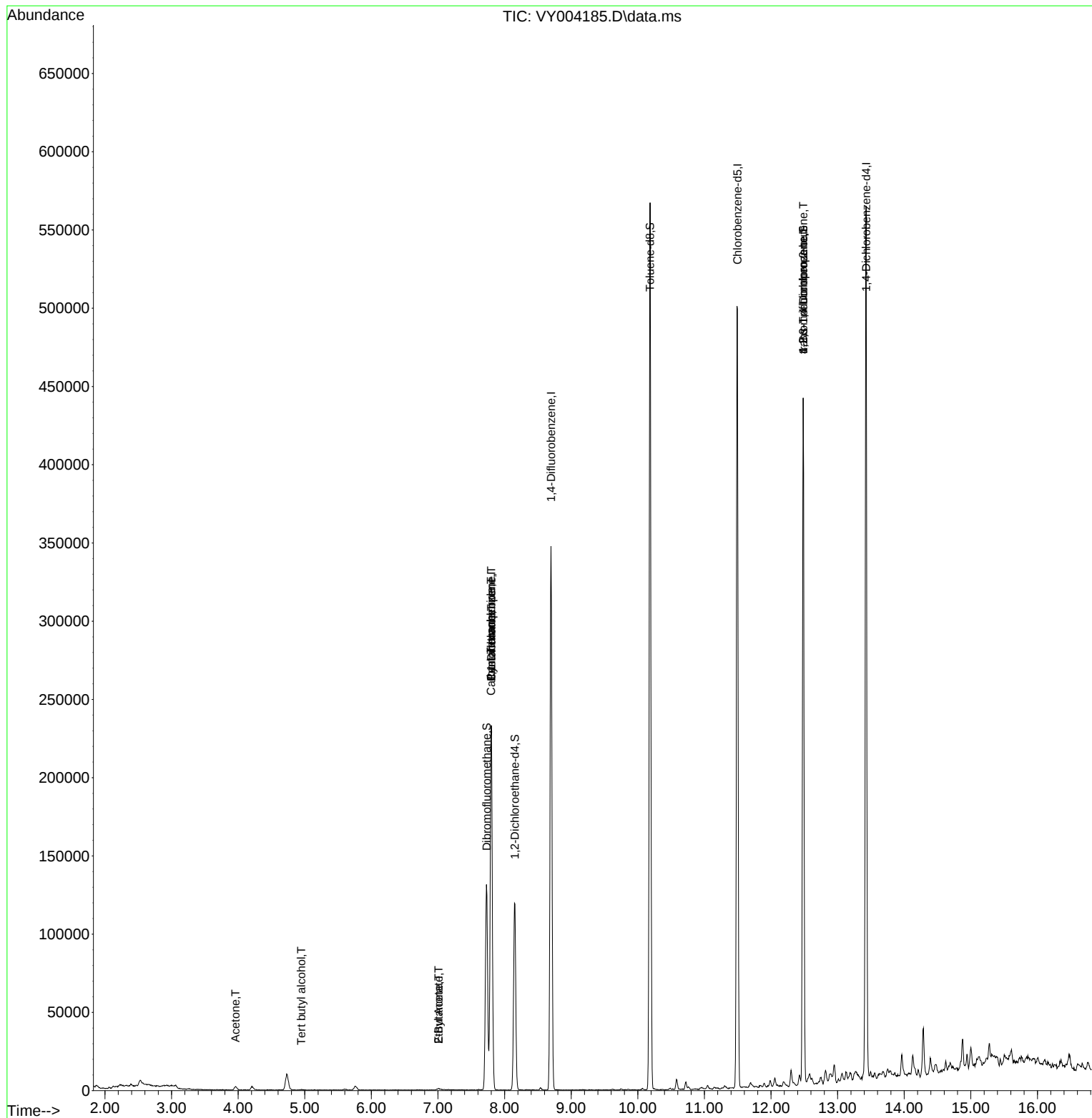
Internal Standards						
1) Pentafluorobenzene	7.801	168	184171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	96497	53.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.18%			
35) Dibromofluoromethane	7.734	113	90660	53.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.68%			
50) Toluene-d8	10.185	98	356894	53.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.12%			
62) 4-Bromofluorobenzene	12.483	95	128575	52.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	27	Below Cal	#	41
3) Chloromethane	2.119	50	600	Below Cal		92
11) Tert butyl alcohol	4.948	59	210	1.28 ug/l	#	76
16) Acetone	3.960	43	3937	8.97 ug/l		99
20) Methylene Chloride	4.729	84	7541	Below Cal	#	88
25) 2-Butanone	7.009	43	1514	2.39 ug/l		91
31) Cyclohexane	7.801	56	3816	1.20 ug/l	#	16
36) 1,1-Dichloropropene	7.801	75	13438	5.07 ug/l	#	50
37) Ethyl Acetate	7.009	43	1514	1.06 ug/l	#	70
38) Carbon Tetrachloride	7.795	117	17807	6.34 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	68602	51.16 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68602	100.96 ug/l	#	13

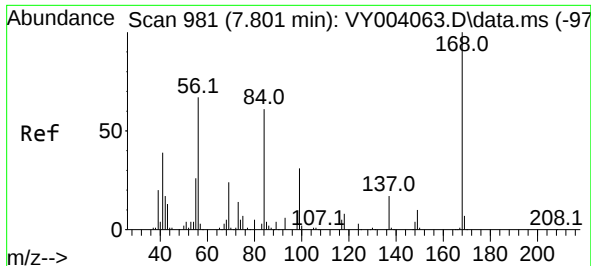
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004185.D
Acq On : 24 Mar 2021 14:02
Operator : SY/MD
Sample : M1730-01
Misc : 5.08g/5mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 25 01:19:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

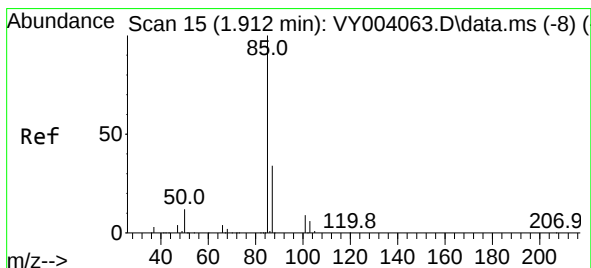
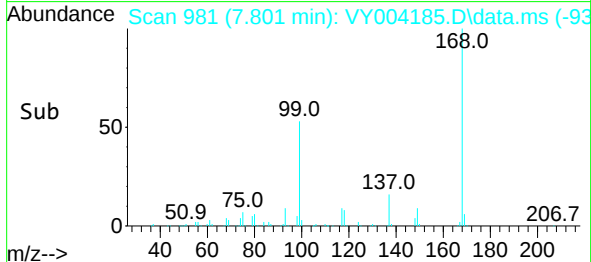
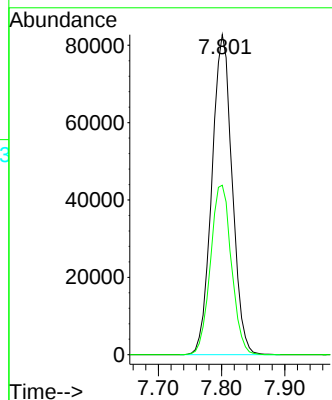
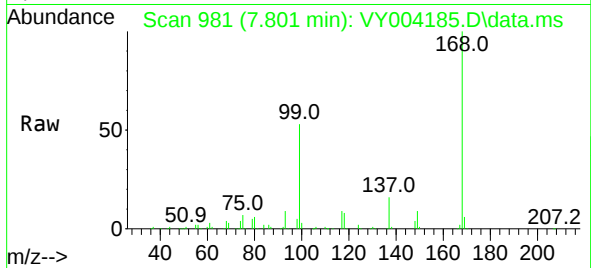




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

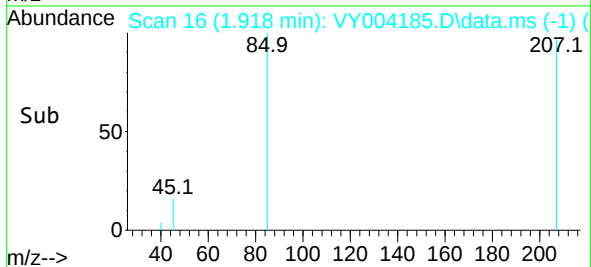
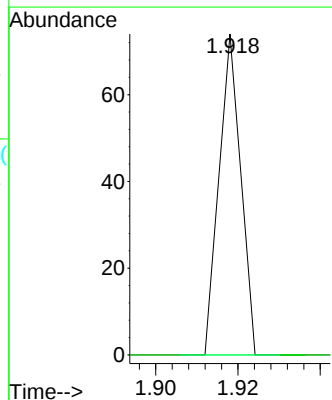
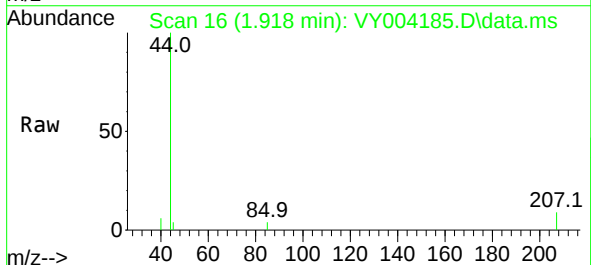
Instrument :
MSVOA_Y
ClientSampled :

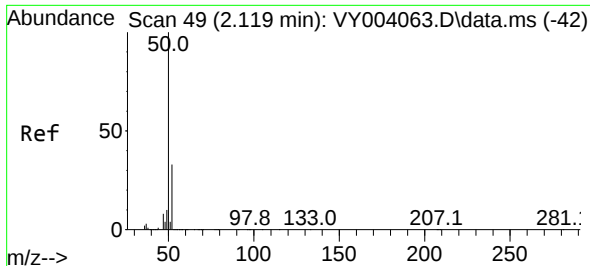
Tgt Ion:168 Resp: 184171
Ion Ratio Lower Upper
168 100
99 52.9 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

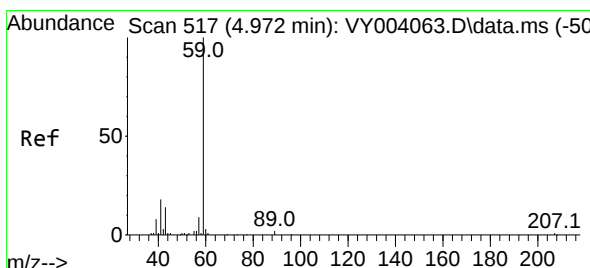
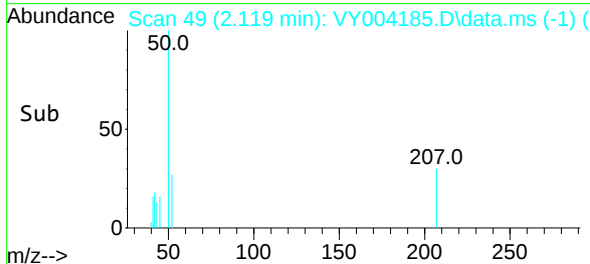
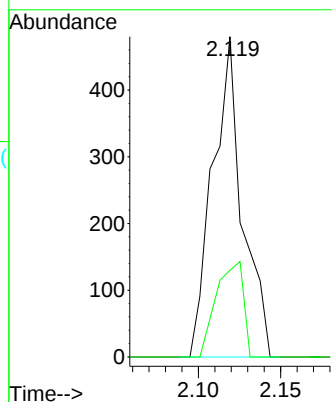
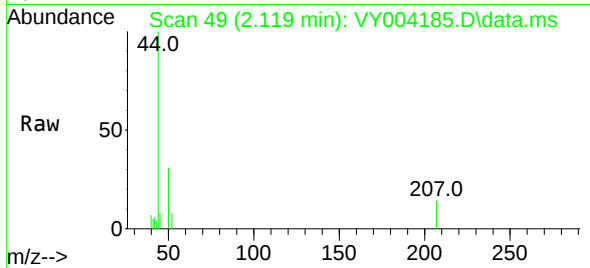




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

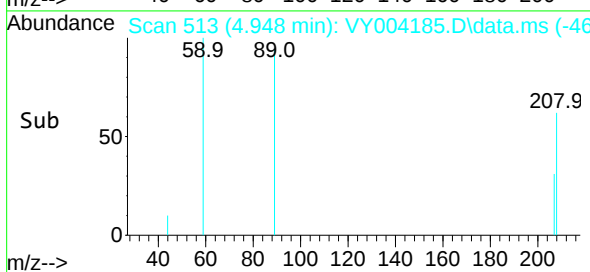
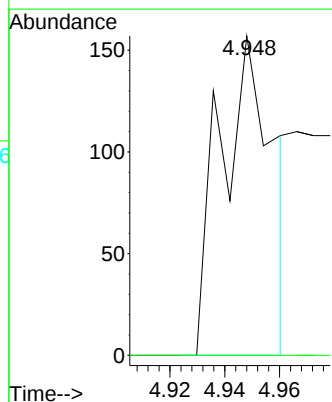
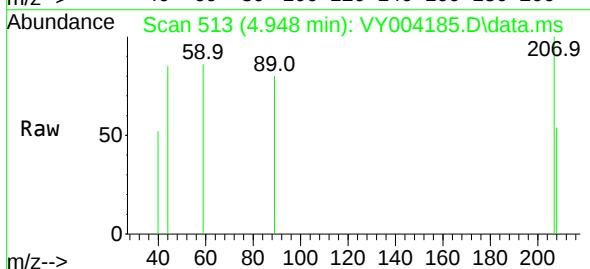
Instrument :
MSVOA_Y
ClientSampled :

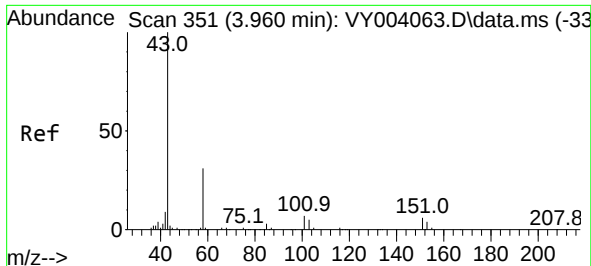
Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 27.1 25.4 38.2



#11
Tert butyl alcohol
Concen: 1.28 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

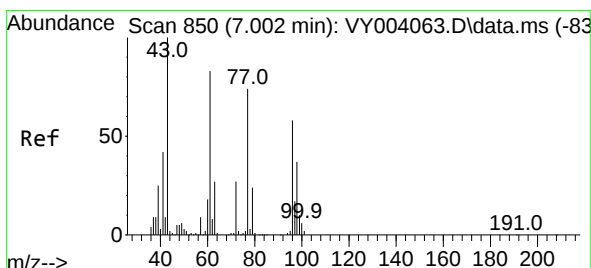
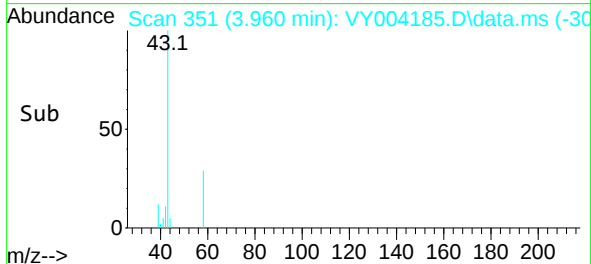
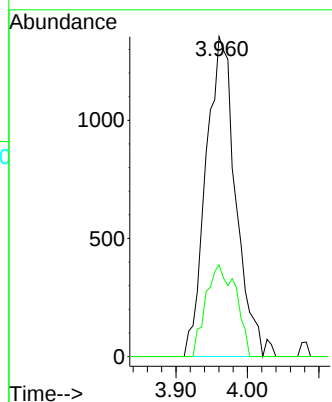
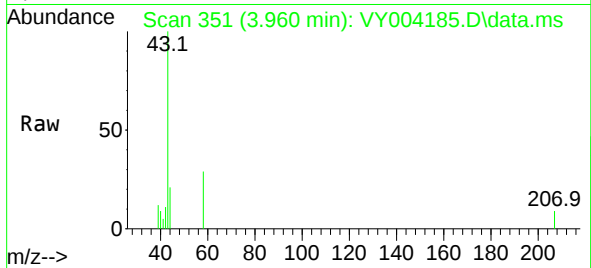




#16
Acetone
Concen: 8.97 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

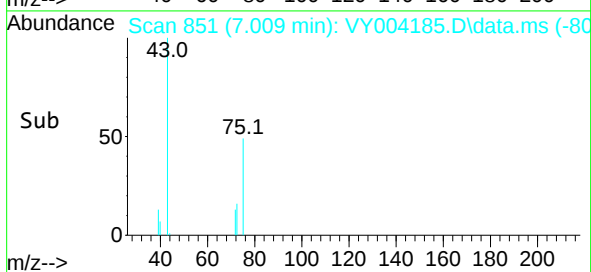
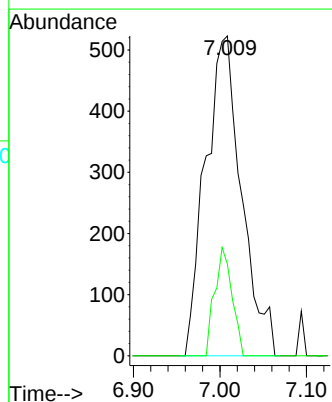
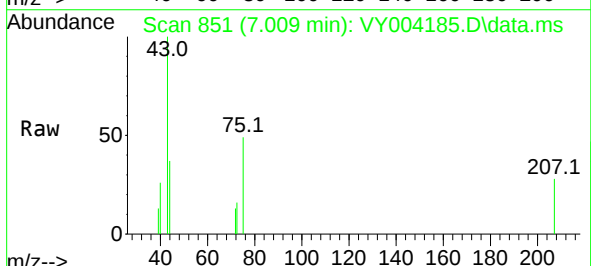
Instrument :
MSVOA_Y
ClientSampled :

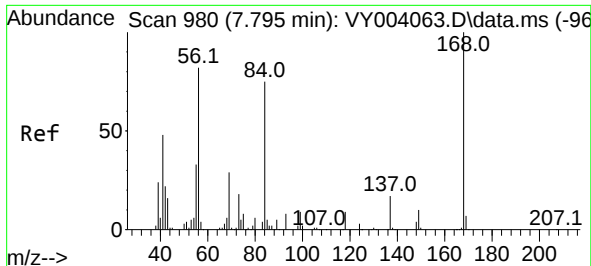
Tgt Ion: 43 Resp: 3937
Ion Ratio Lower Upper
43 100
58 28.7 22.6 34.0



#25
2-Butanone
Concen: 2.39 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.007 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

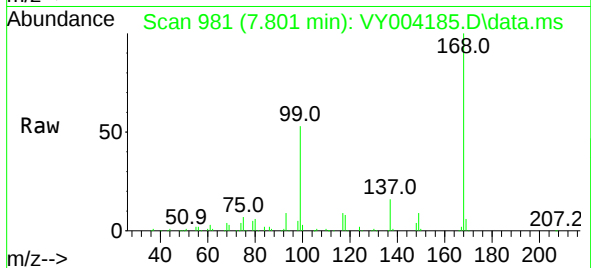
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.0



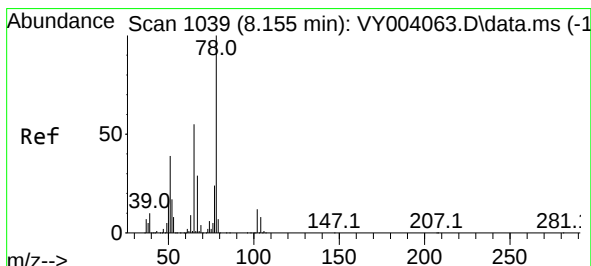
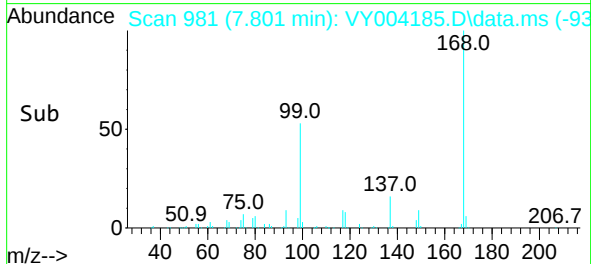
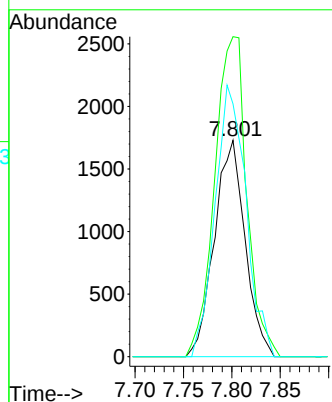


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :

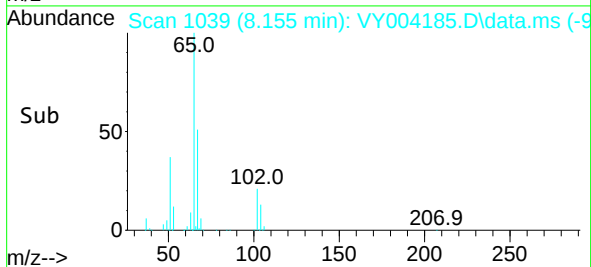
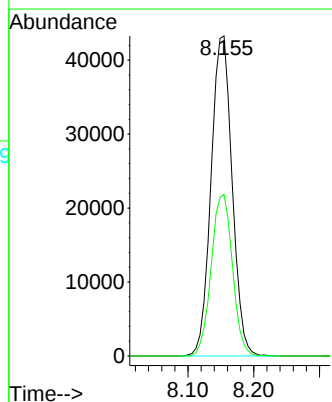
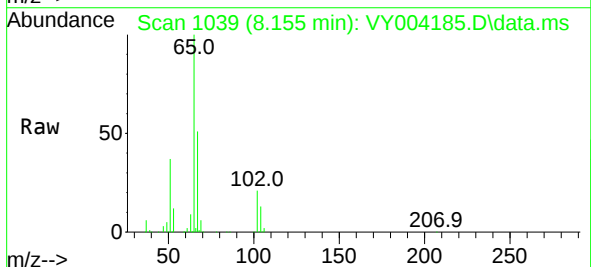


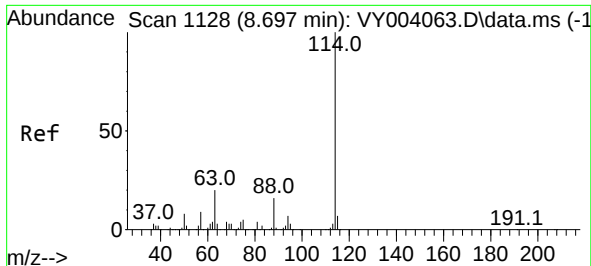
Tgt Ion: 56 Resp: 3816
Ion Ratio Lower Upper
56 100
69 147.9 25.3 37.9#
84 116.9 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 53.09 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

Tgt Ion: 65 Resp: 96497
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4

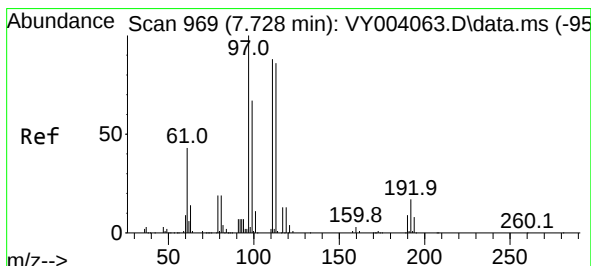
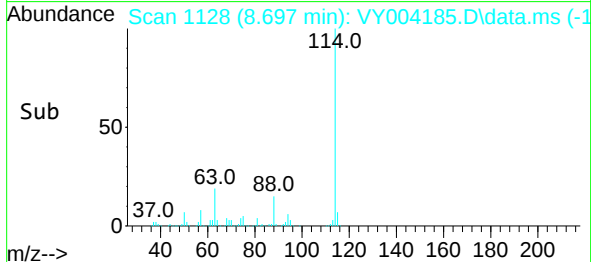
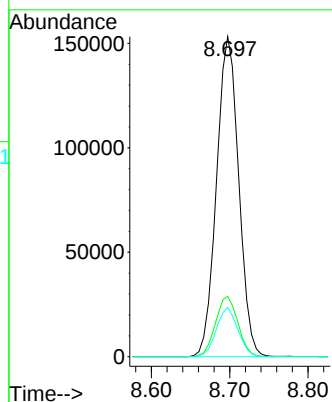
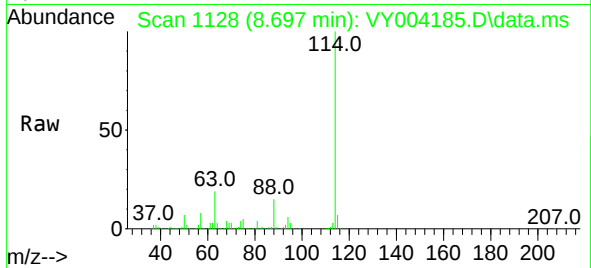




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

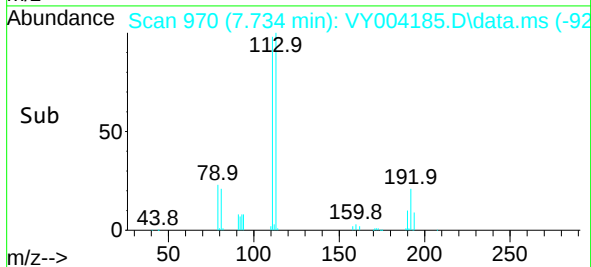
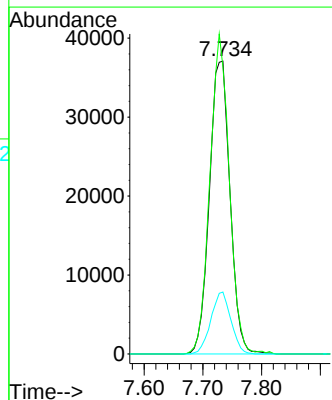
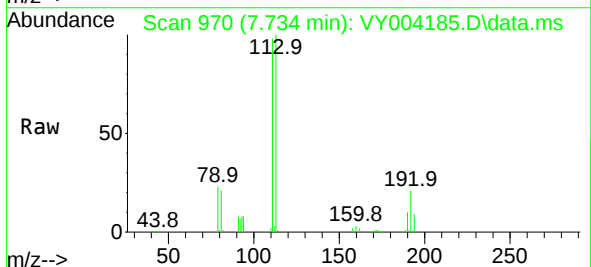
Instrument :
MSVOA_Y
ClientSampleId :

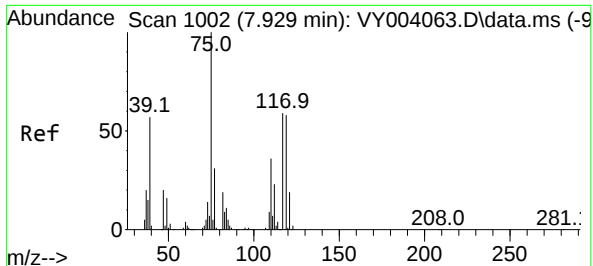
Tgt Ion:114 Resp: 301417
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.34 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

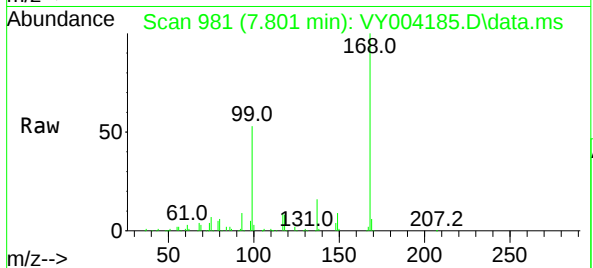
Tgt Ion:113 Resp: 90660
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 20.5 18.5 27.7



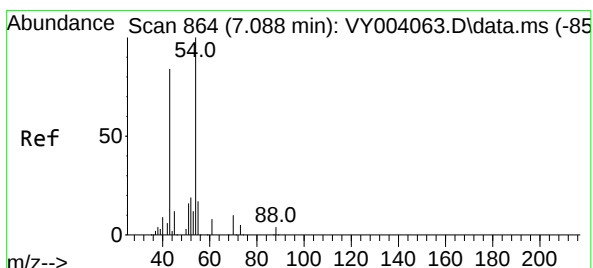
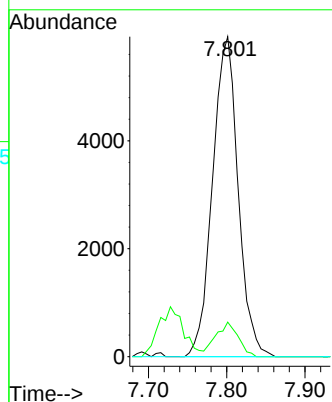
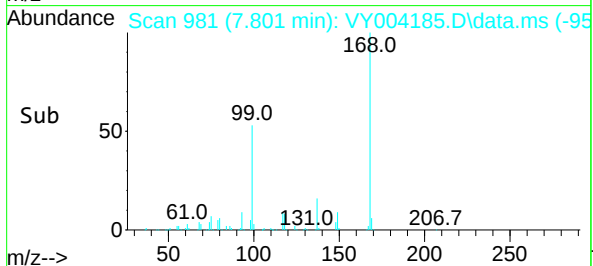


#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

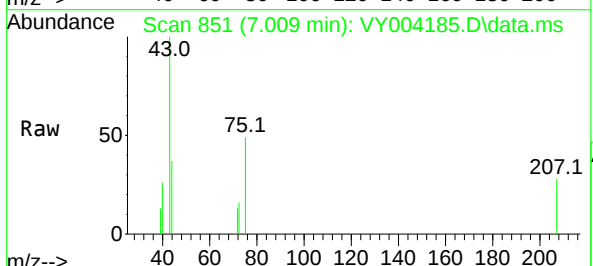
Instrument :
MSVOA_Y
ClientSampled :



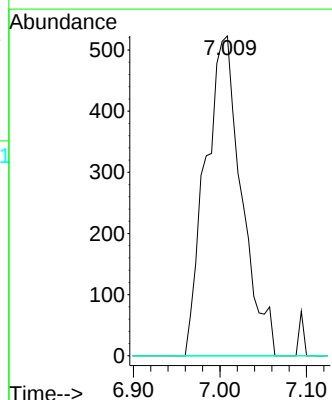
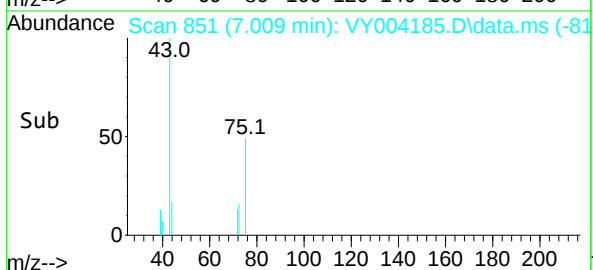
Tgt Ion: 75 Resp: 13438
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.5 36.7#

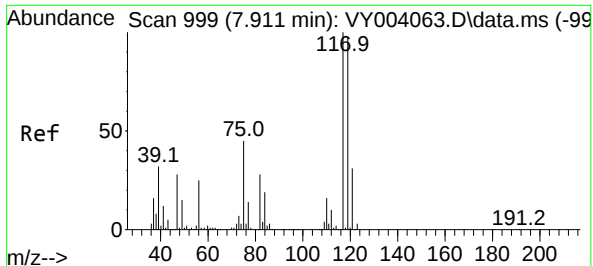


#37
Ethyl Acetate
Concen: 1.06 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02



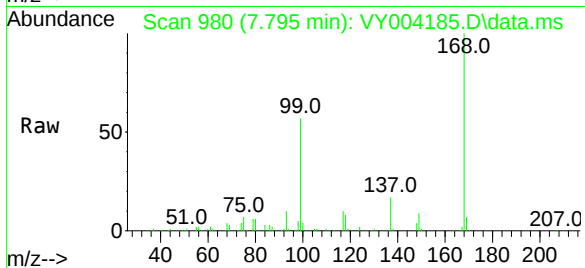
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#



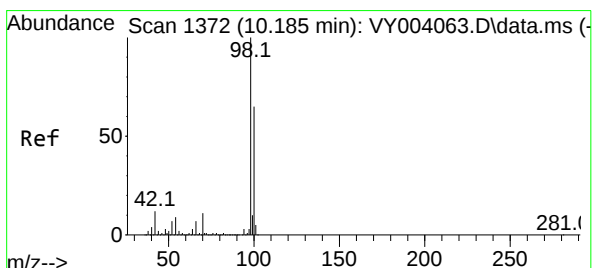
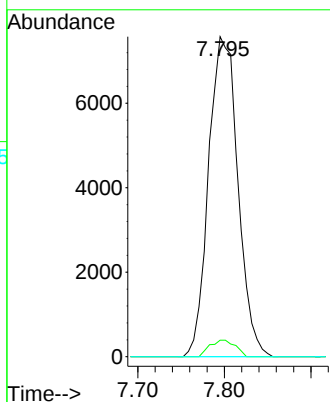
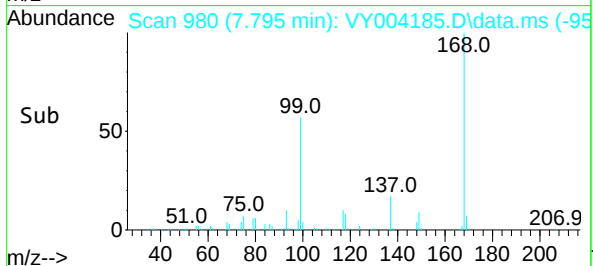


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

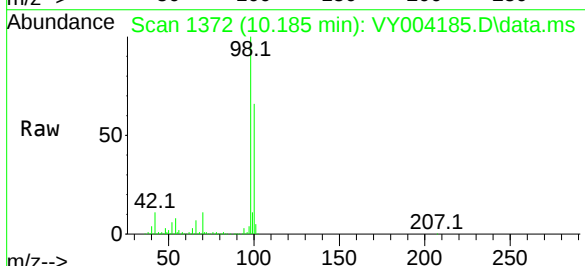
Instrument :
MSVOA_Y
ClientSampleId :



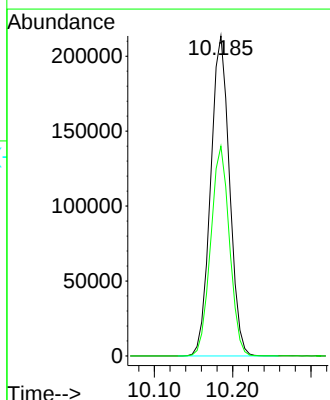
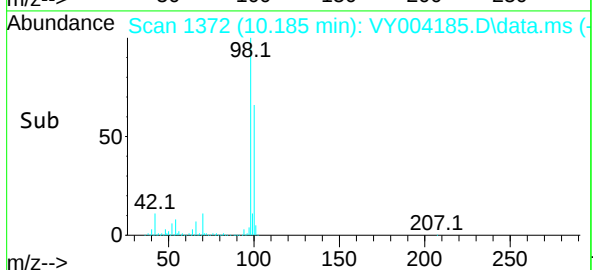
Tgt Ion:117 Resp: 17807
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 24.2 36.2#

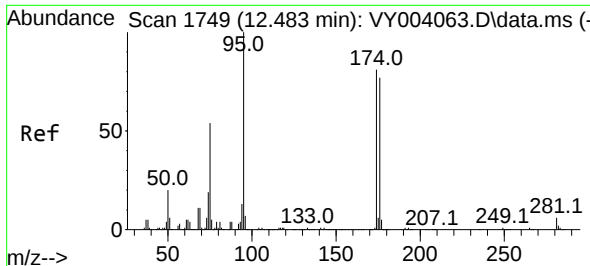


#50
Toluene-d8
Concen: 53.56 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02



Tgt Ion: 98 Resp: 356894
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

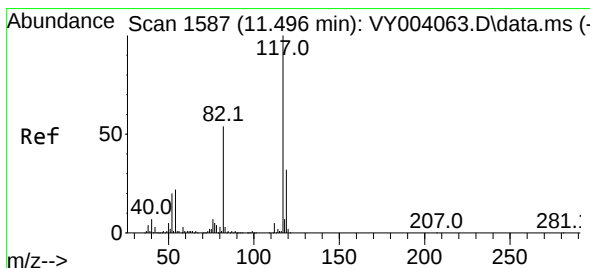
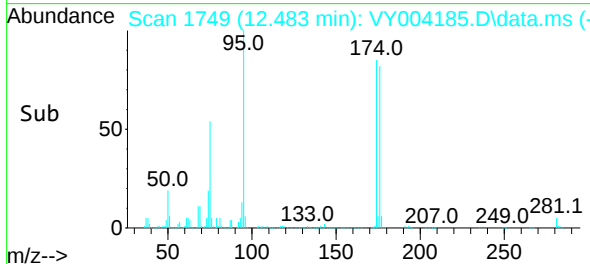
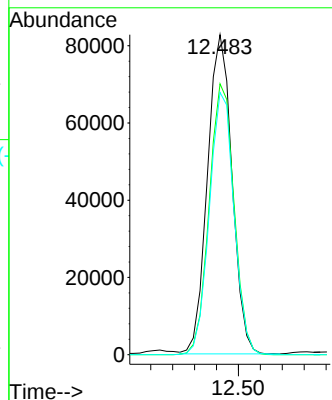
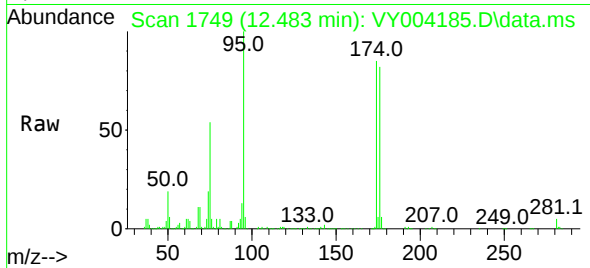




#62
4-Bromofluorobenzene
Concen: 52.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

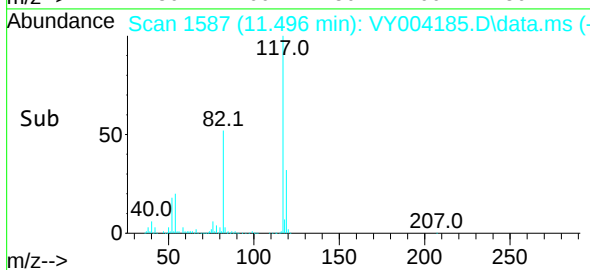
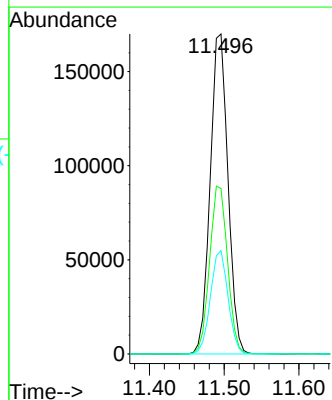
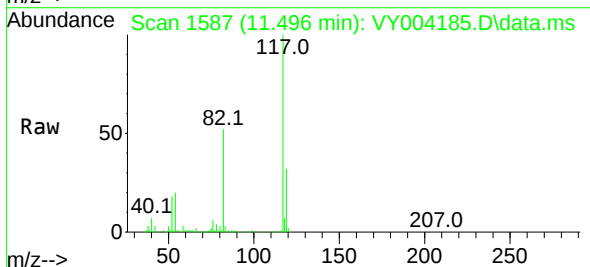
Instrument :
MSVOA_Y
ClientSampleId :

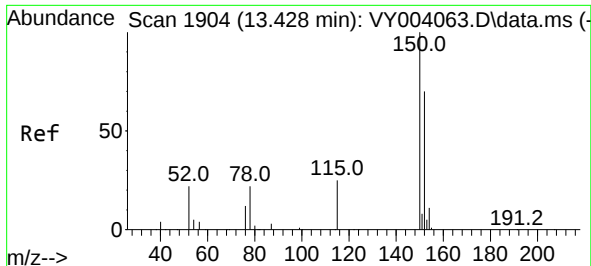
Tgt Ion:	95	Resp:	128575
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	179.0
176	82.3	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

Tgt Ion:	117	Resp:	280371
Ion Ratio	Lower	Upper	
117	100		
82	51.7	43.8	65.6
119	32.3	26.2	39.2

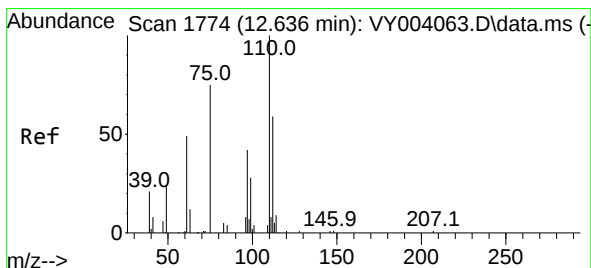
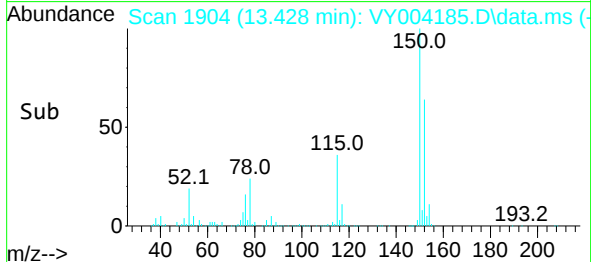
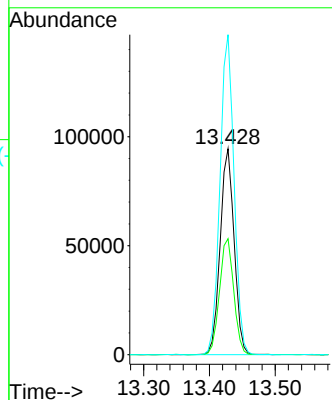
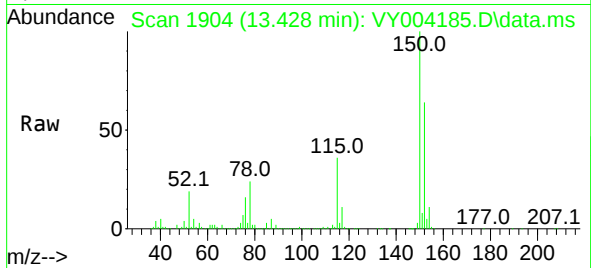




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

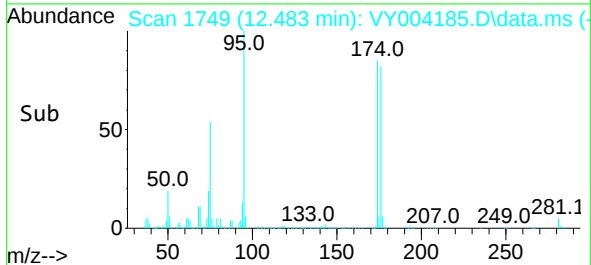
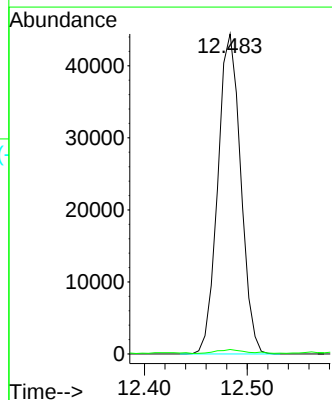
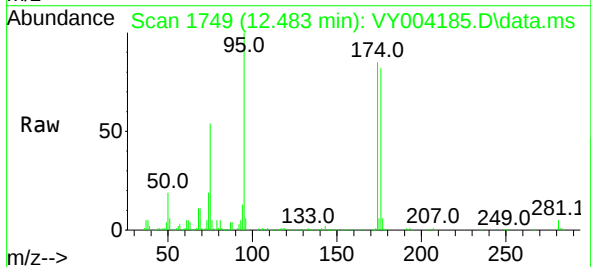
Instrument :
MSVOA_Y
ClientSampled :

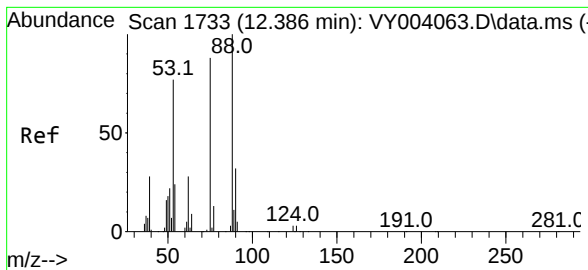
Tgt Ion:152 Resp: 139860
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.6
150 155.9 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 51.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004185.D
Acq: 24 Mar 2021 14:02

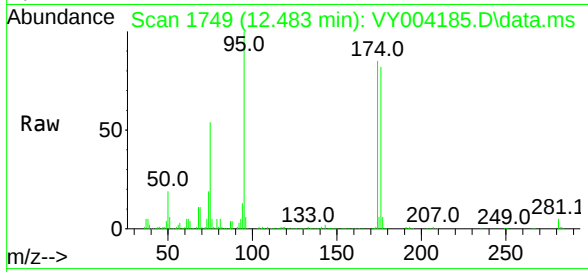
Tgt Ion: 75 Resp: 68602
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.96 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004185.D
 Acq: 24 Mar 2021 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68602
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.5 110.3#
 89 0.0 35.7 53.5#

