

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005020.D
 Acq On : 08 Jun 2021 14:16
 Operator : SY/MD
 Sample : M2625-11
 Misc : 7.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:49:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

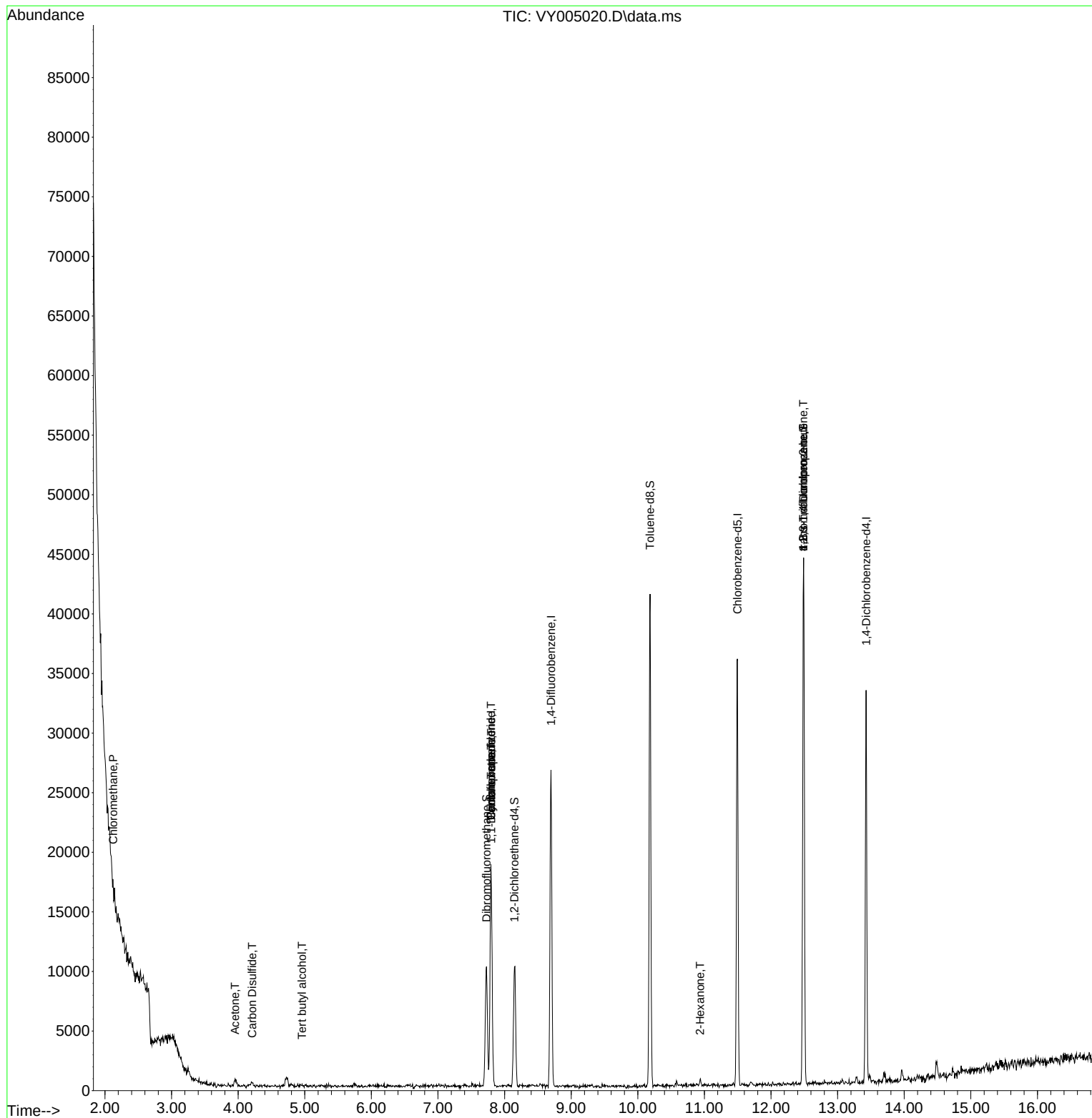
Internal Standards						
1) Pentafluorobenzene	7.795	168	13546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	19411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8107	56.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.220%	
35) Dibromofluoromethane	7.728	113	7253	61.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.120%	
50) Toluene-d8	10.185	98	27351	55.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.880%	
62) 4-Bromofluorobenzene	12.483	95	7514	44.286	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	189	1.125	ug/l #	42
11) Tert butyl alcohol	4.960	59	19	1.154	ug/l #	74
16) Acetone	3.954	43	1032	29.936	ug/l #	84
17) Carbon Disulfide	4.210	76	540	1.261	ug/l #	74
20) Methylene Chloride	4.722	84	549	Below Cal	#	83
31) Cyclohexane	7.795	56	365	1.448	ug/l #	9
36) 1,1-Dichloropropene	7.801	75	1209	5.595	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1520	8.083	ug/l #	12
59) 2-Hexanone	10.935	43	162	1.792	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	3995	45.601	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3995	83.804	ug/l #	15

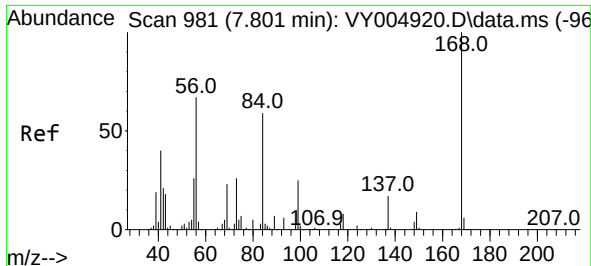
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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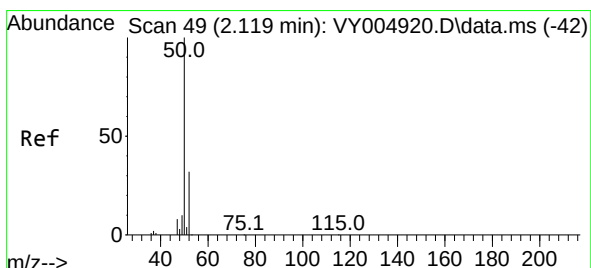
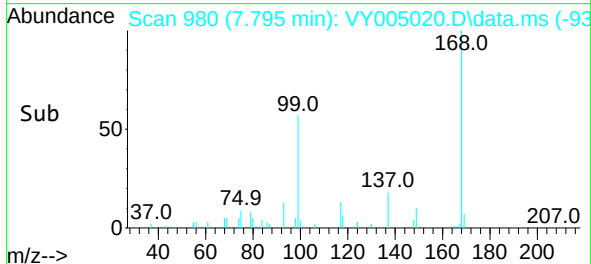
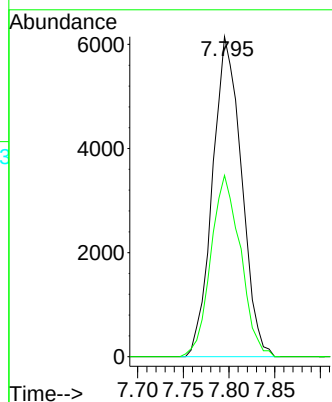
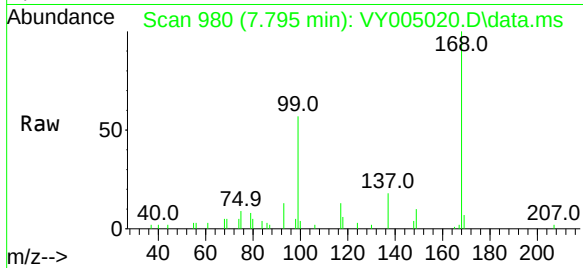




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

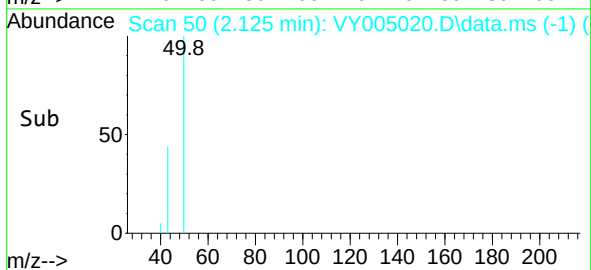
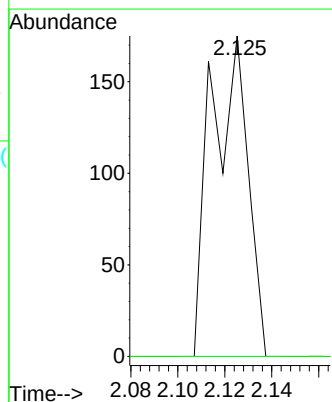
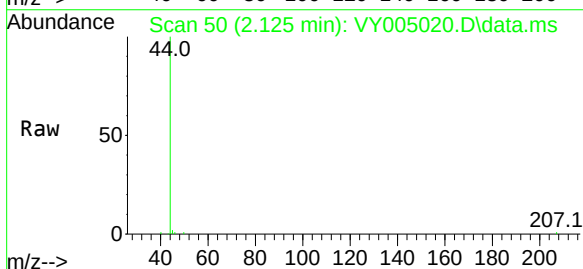
Instrument :
MSVOA_Y
ClientSampleId :

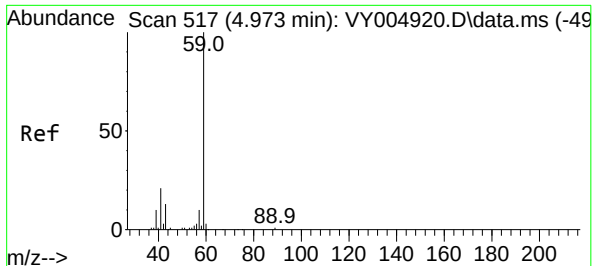
Tgt Ion:168 Resp: 13546
Ion Ratio Lower Upper
168 100
99 56.7 43.9 65.9



#3
Chloromethane
Concen: 1.125 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Tgt Ion: 50 Resp: 189
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

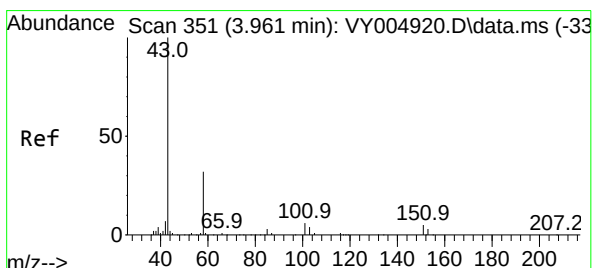
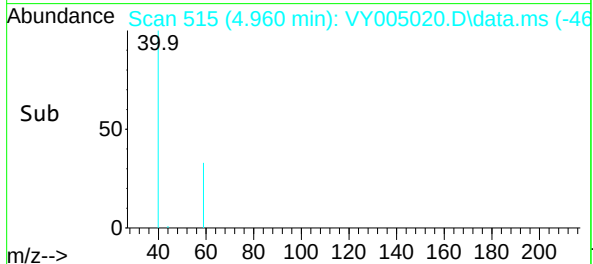
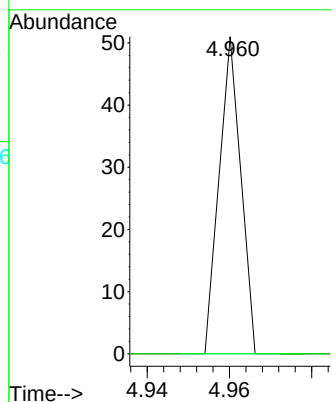
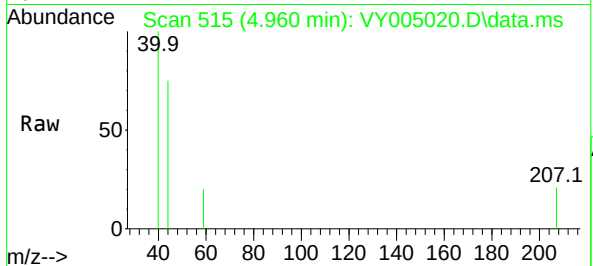




#11
Tert butyl alcohol
Concen: 1.154 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

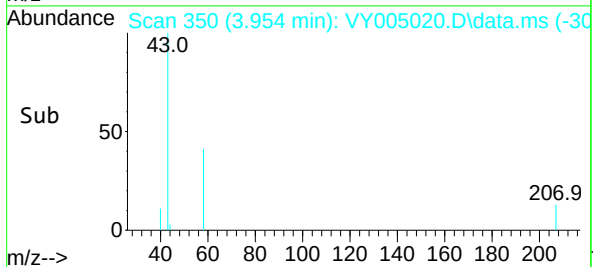
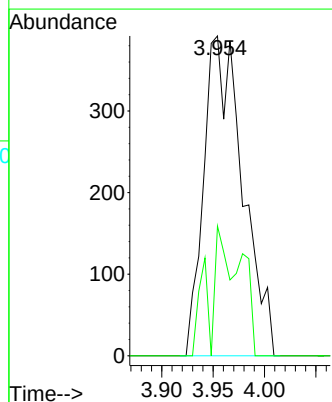
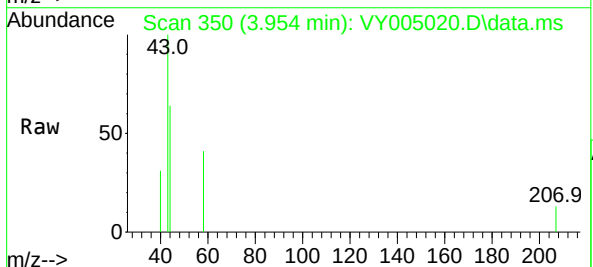
Instrument :
MSVOA_Y
ClientSampled :

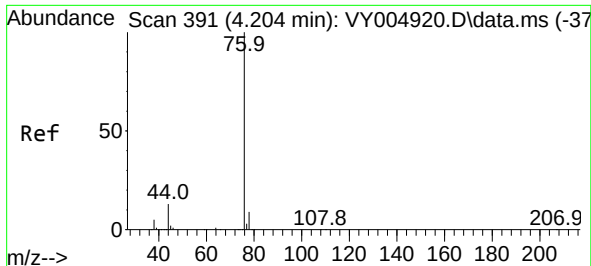
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 29.936 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

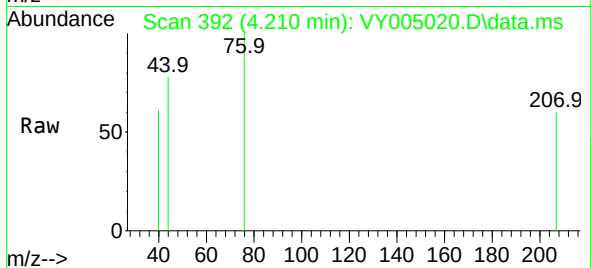
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 40.6 25.3 37.9#



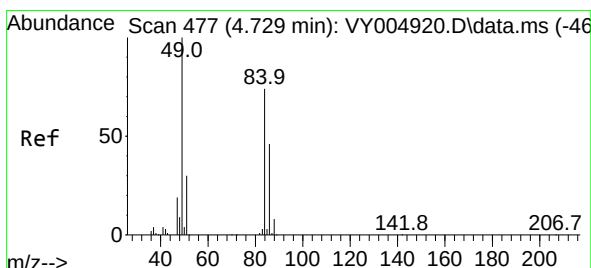
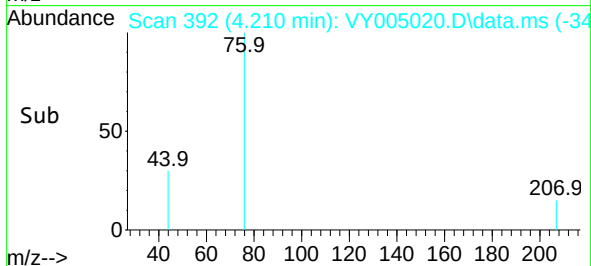
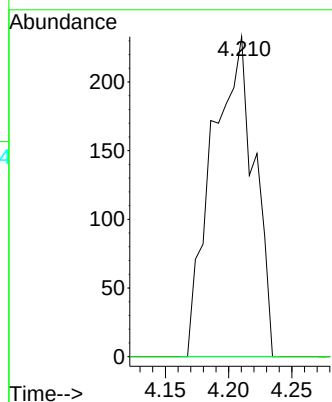


#17
Carbon Disulfide
Concen: 1.261 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Instrument :
MSVOA_Y
ClientSampled :

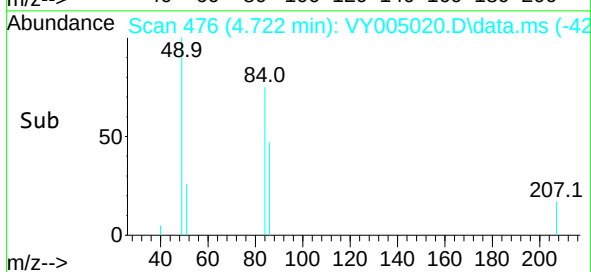
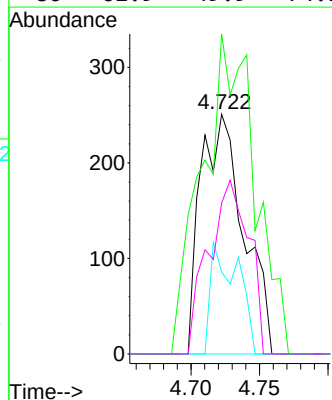
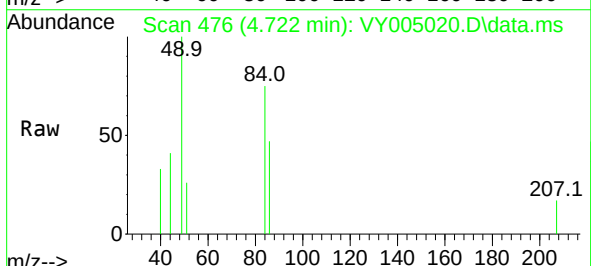


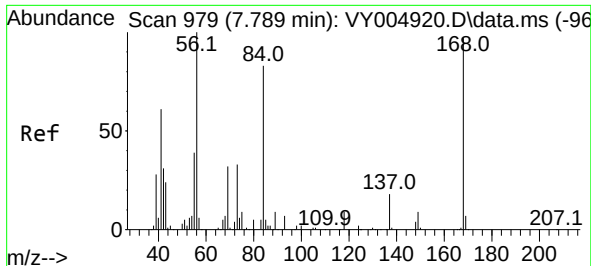
Tgt Ion: 76 Resp: 540
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

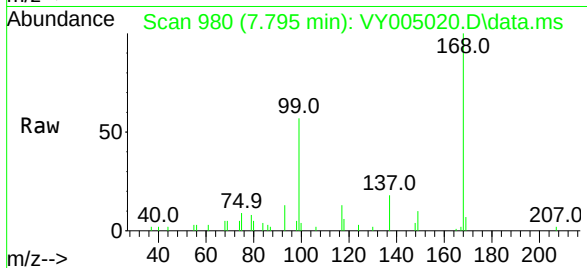
Tgt Ion: 84 Resp: 549
Ion Ratio Lower Upper
84 100
49 104.0 108.0 162.0#
51 34.3 32.6 48.8
86 62.9 49.9 74.9



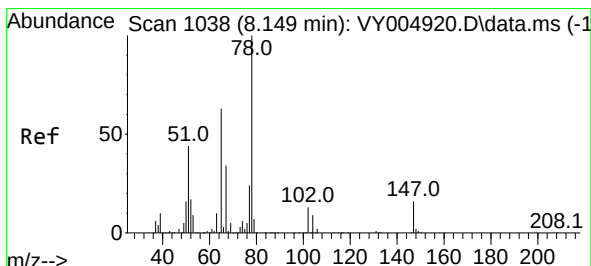
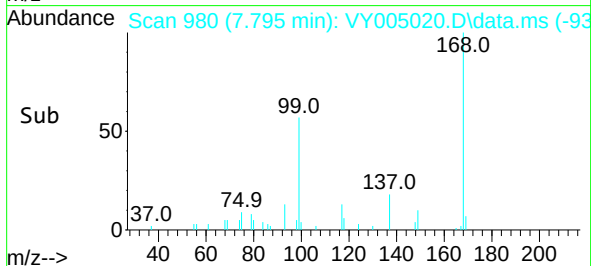
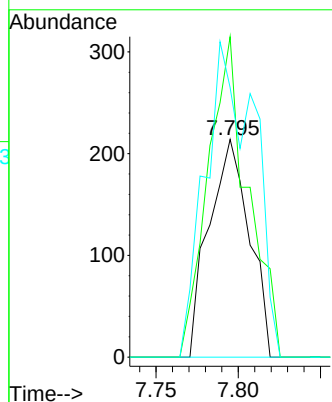


#31
Cyclohexane
Concen: 1.448 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :

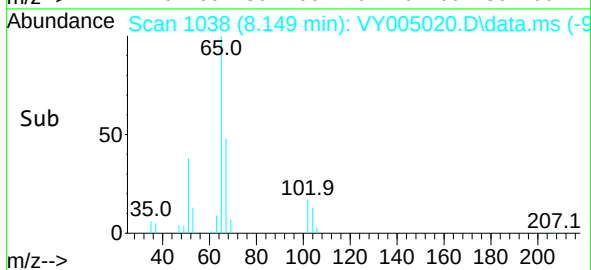
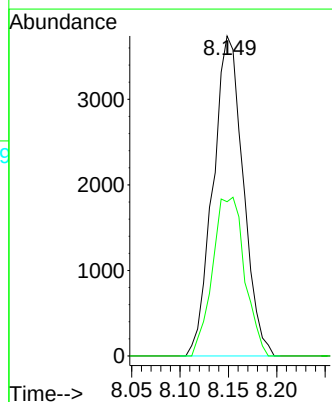
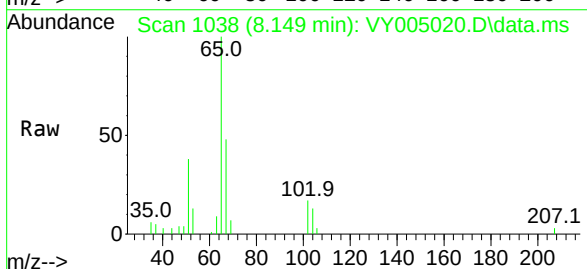


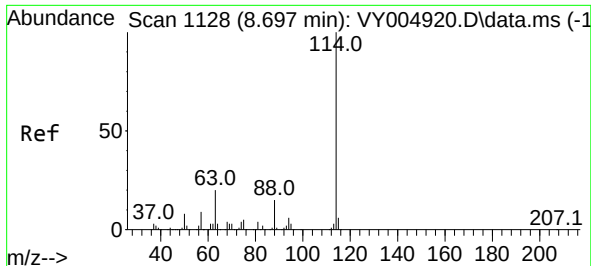
Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
69 147.2 25.3 37.9#
84 123.8 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 56.611 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Tgt Ion: 65 Resp: 8107
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.6

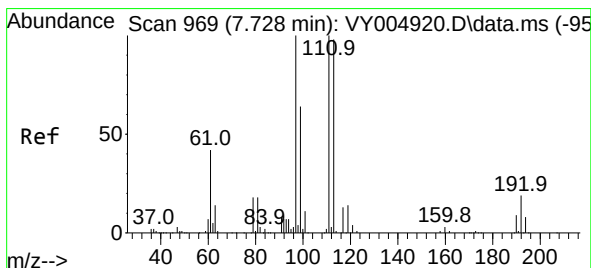
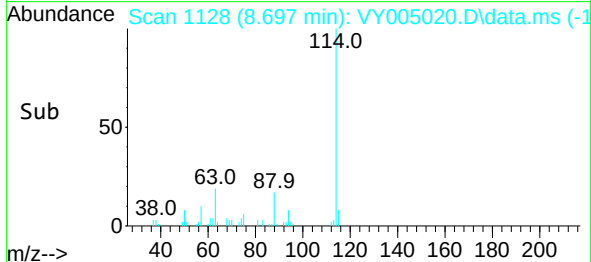
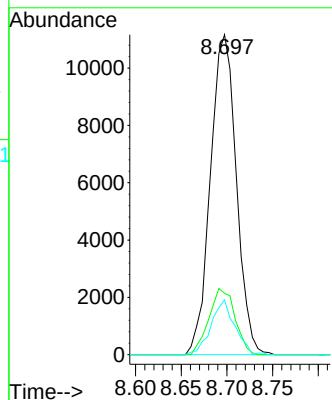
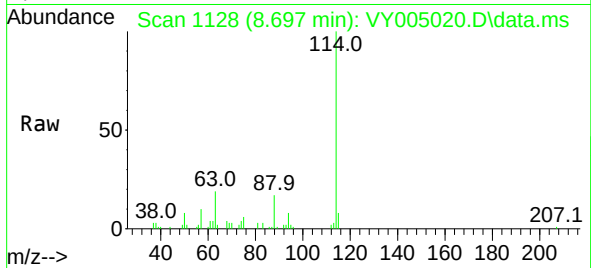




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

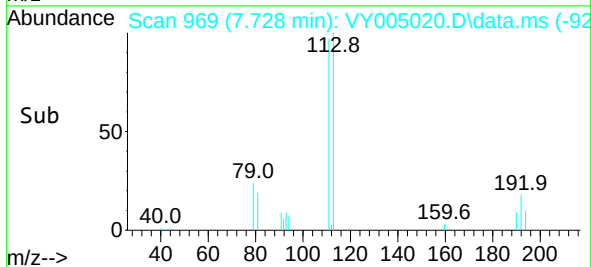
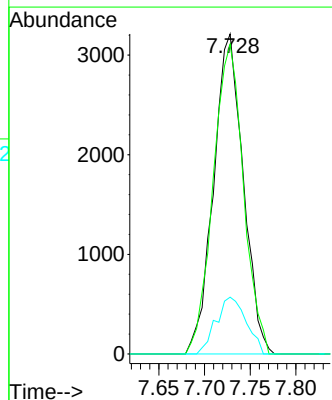
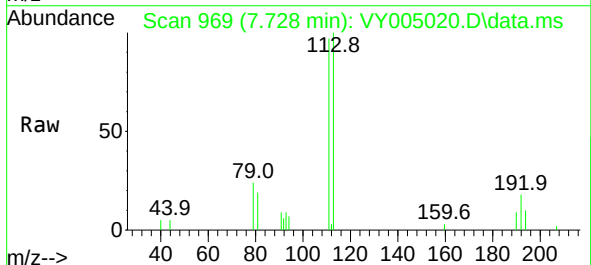
Instrument :
MSVOA_Y
ClientSampled :

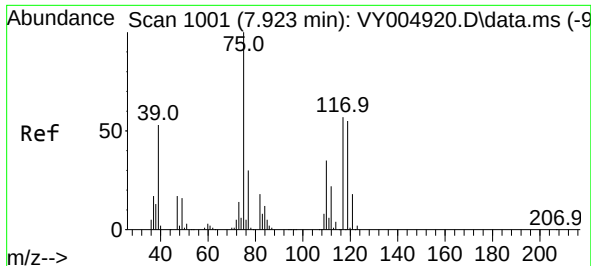
Tgt Ion:	114	Resp:	22079
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.0
88	17.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 61.059 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Tgt Ion:	113	Resp:	7253
Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.8	122.8
192	18.1	15.3	22.9





#36

1,1-Dichloropropene

Concen: 5.595 ug/l

RT: 7.801 min Scan# 981

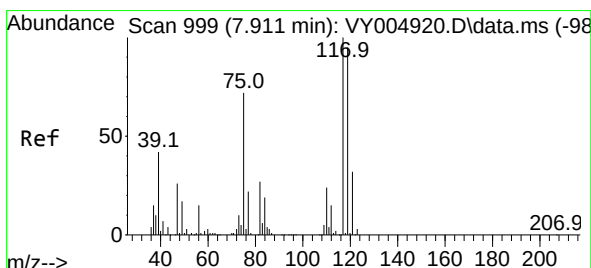
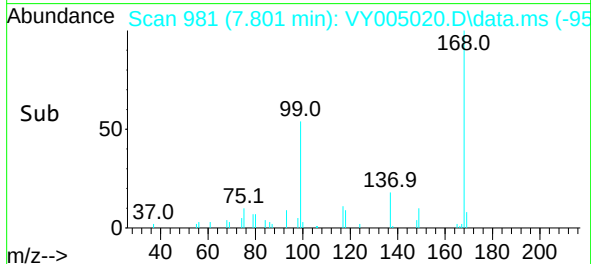
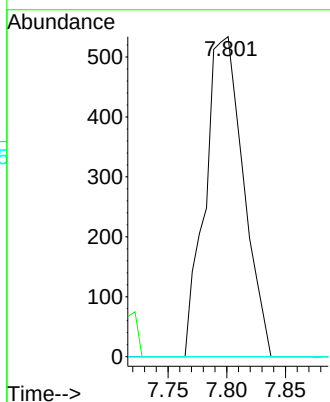
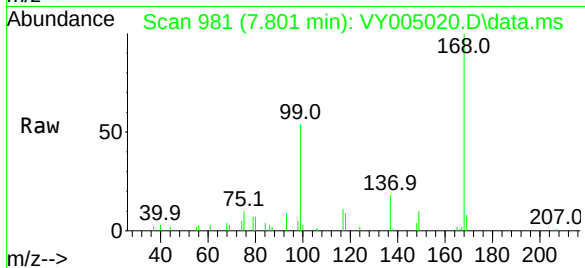
Delta R.T. -0.122 min

Lab File: VY005020.D

Acq: 08 Jun 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp:	1209
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.5
77	0.0	25.1



#38

Carbon Tetrachloride

Concen: 8.083 ug/l

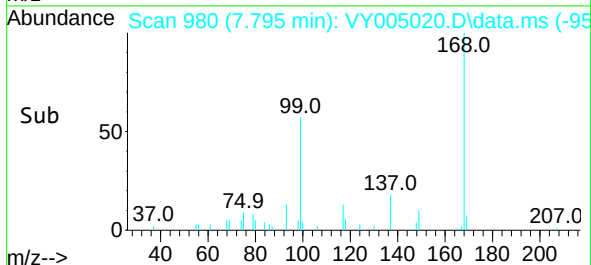
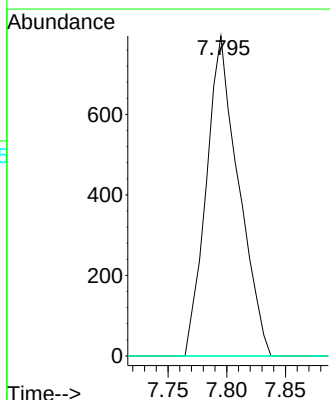
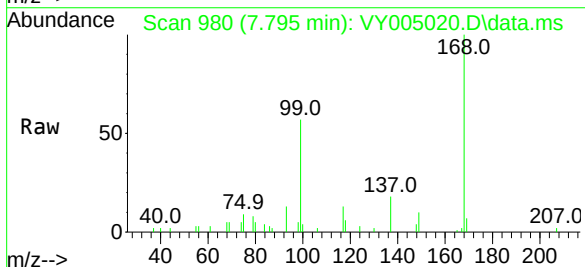
RT: 7.795 min Scan# 980

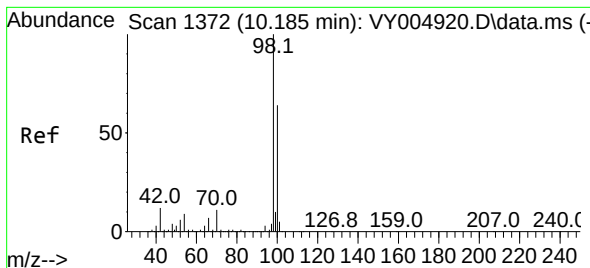
Delta R.T. -0.116 min

Lab File: VY005020.D

Acq: 08 Jun 2021 14:16

Tgt Ion: 117	Resp:	1520
Ion Ratio	Lower	Upper
117	100	
119	0.0	76.1
121	0.0	25.5

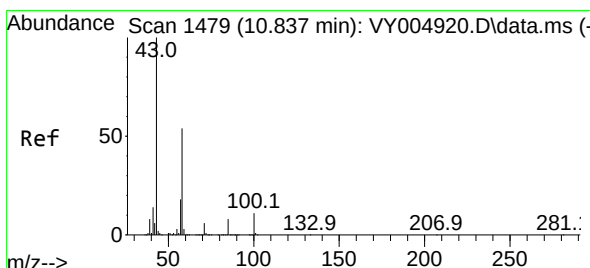
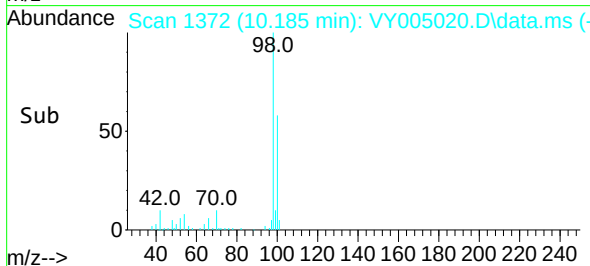
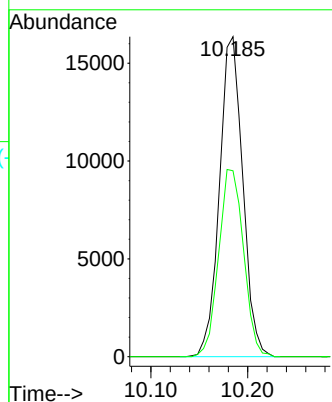
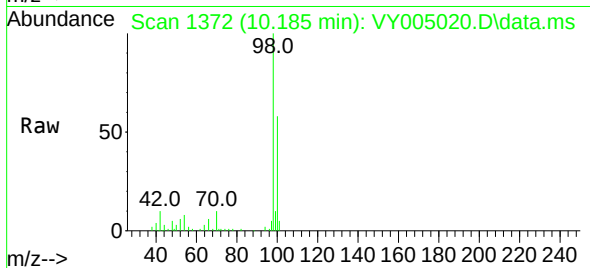




#50
Toluene-d8
Concen: 55.440 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

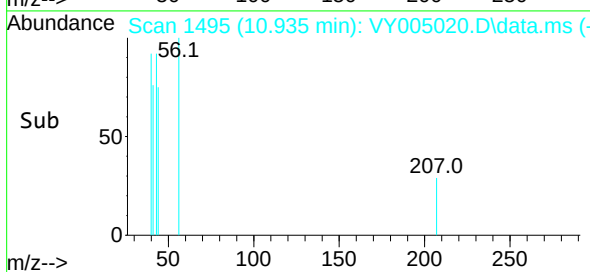
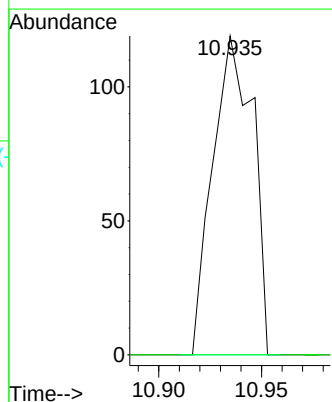
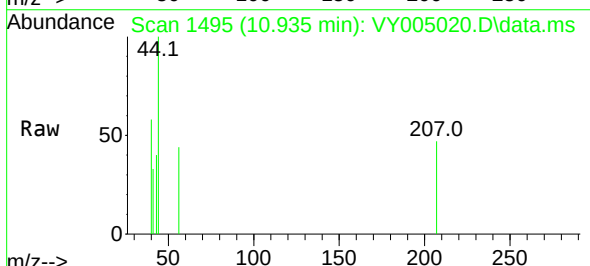
Instrument :
MSVOA_Y
ClientSampled :

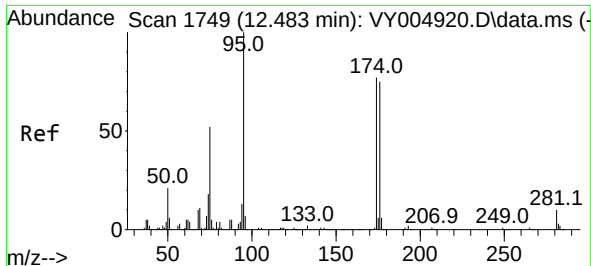
Tgt Ion: 98 Resp: 27351
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.6



#59
2-Hexanone
Concen: 1.792 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#

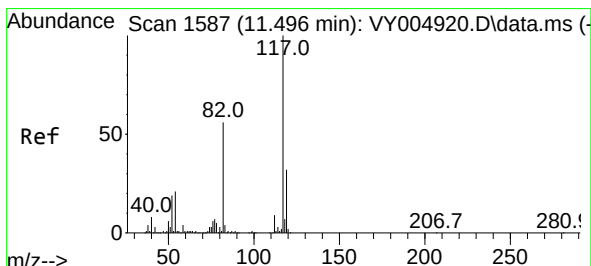
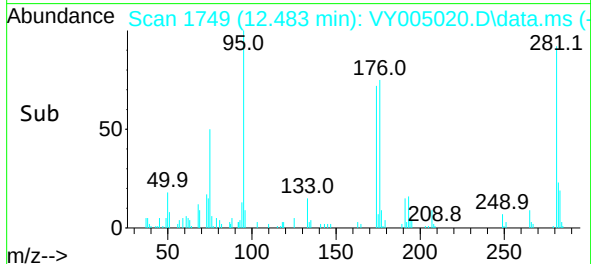
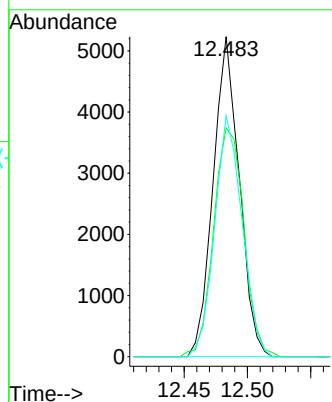
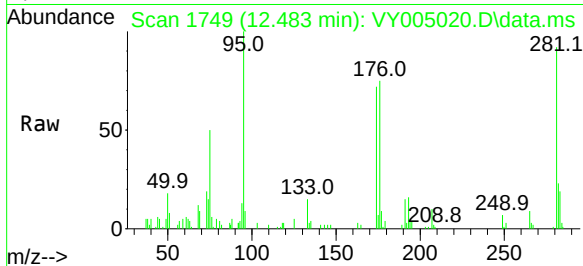




#62
4-Bromofluorobenzene
Concen: 44.286 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

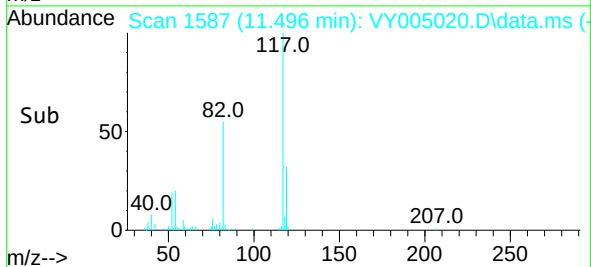
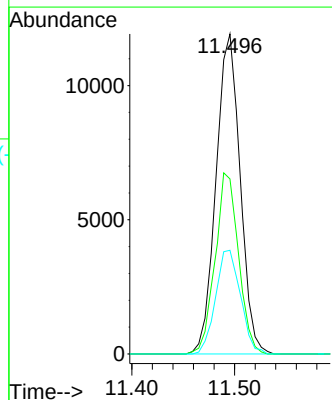
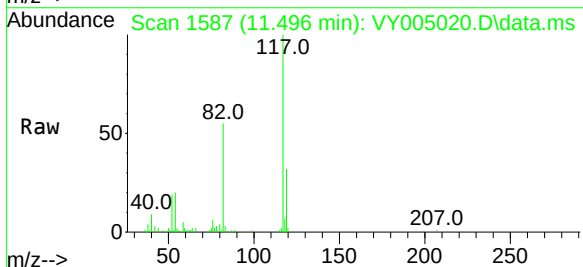
Instrument :
MSVOA_Y
ClientSampleId :

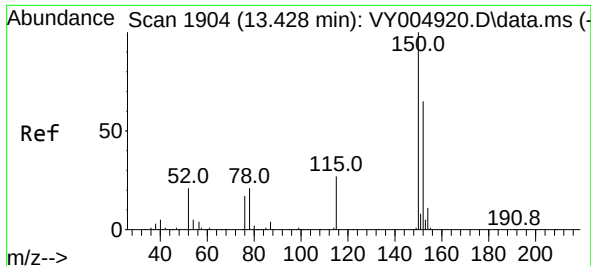
Tgt Ion:	95	Resp:	7514
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	160.8
176	79.1	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

Tgt Ion:	117	Resp:	19411
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.8	67.2
119	32.4	25.2	37.8

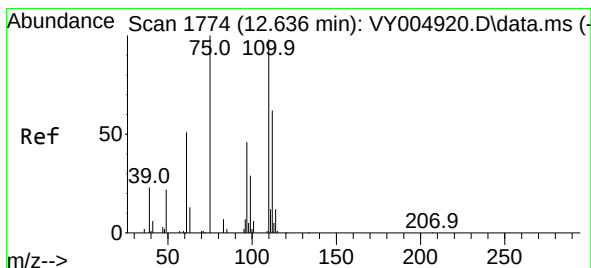
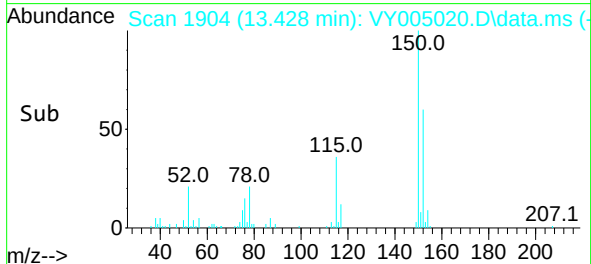
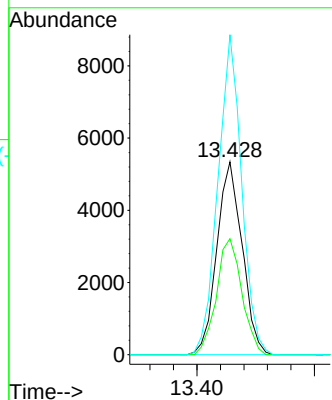
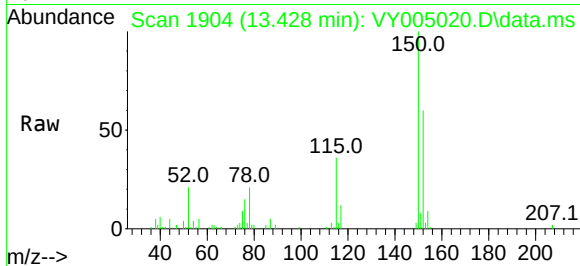




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

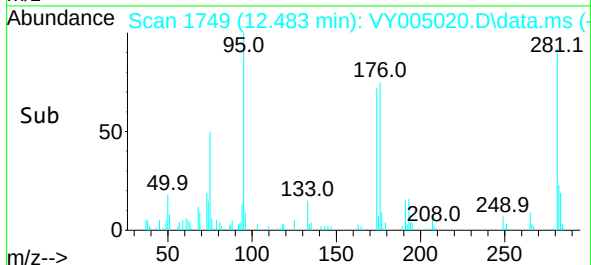
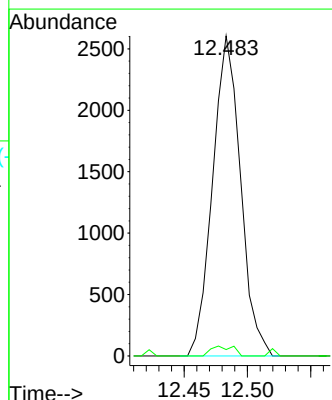
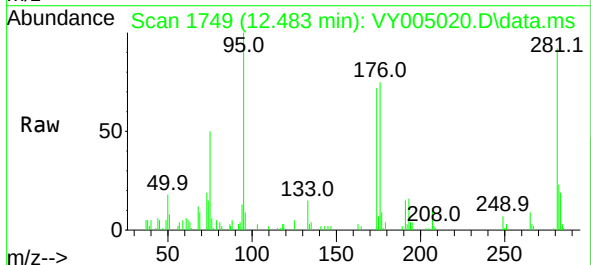
Instrument :
MSVOA_Y
ClientSampled :

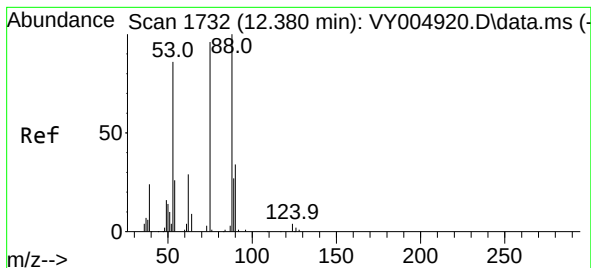
Tgt Ion:152 Resp: 7992
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 155.8 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 45.601 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005020.D
Acq: 08 Jun 2021 14:16

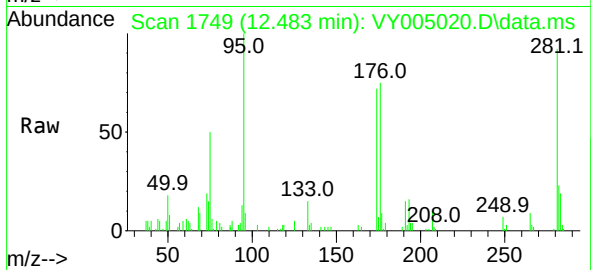
Tgt Ion: 75 Resp: 3995
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.804 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005020.D
 Acq: 08 Jun 2021 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.3	103.9#
89	0.5	35.0	52.6#

