

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004564.D
 Acq On : 21 Apr 2021 18:29
 Operator : SY/MD
 Sample : M2099-09
 Misc : 5.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:20:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

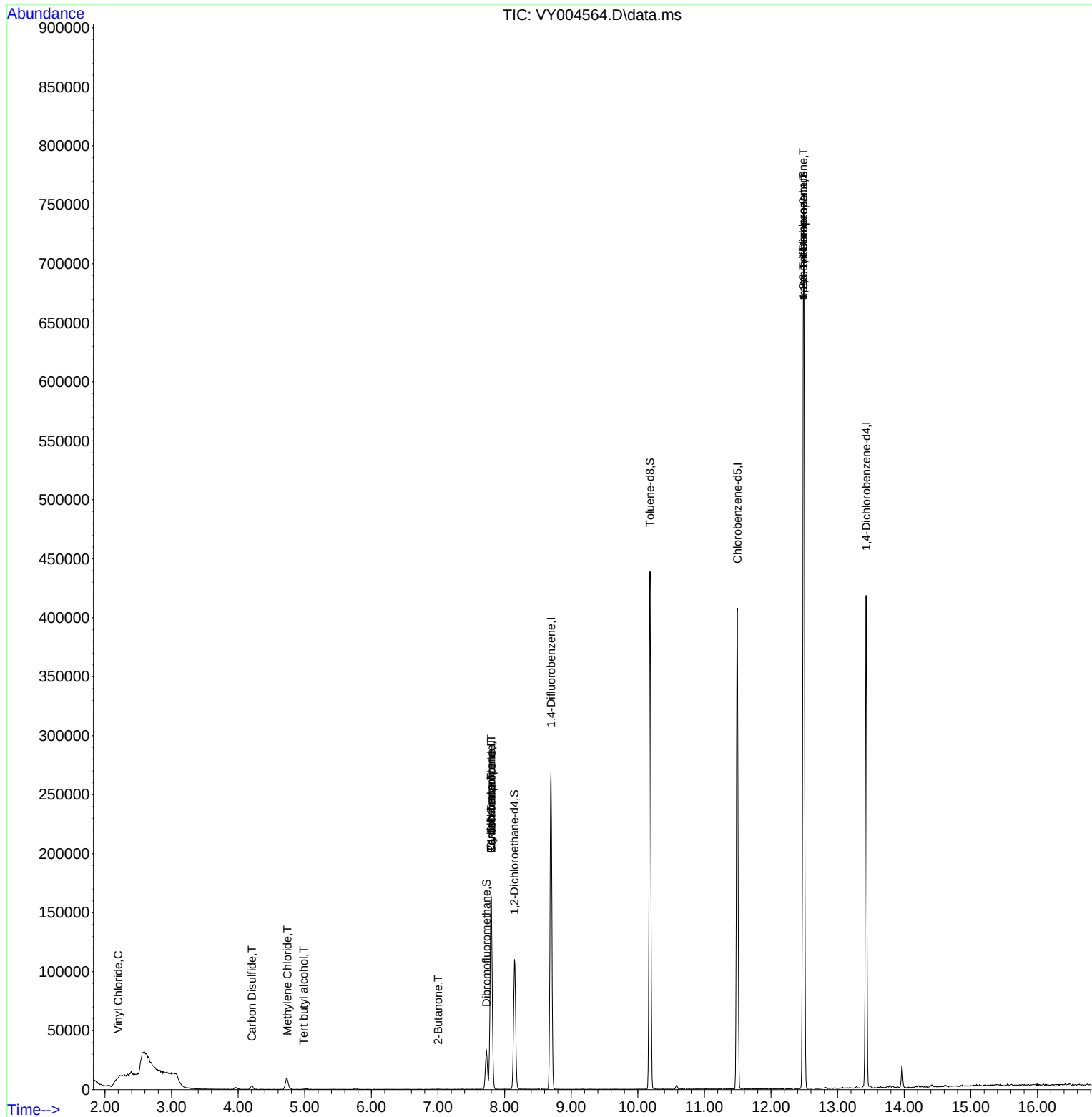
Internal Standards						
1) Pentafluorobenzene	7.801	168	123953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84399	61.28	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	122.56%	
35) Dibromofluoromethane	7.728	113	21522	17.56	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	35.12%#	
50) Toluene-d8	10.185	98	274826	52.72	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.483	95	99224	56.09	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	112.18%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.198	62	4988	2.84	ug/l #	43
11) Tert butyl alcohol	4.985	59	197	1.45	ug/l #	73
16) Acetone	3.954	43	3202	Below Cal		100
17) Carbon Disulfide	4.204	76	6032	1.63	ug/l	97
20) Methylene Chloride	4.741	84	6332	4.76	ug/l	92
25) 2-Butanone	7.003	43	598	1.14	ug/l #	50
31) Cyclohexane	7.795	56	3089	1.22	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10233	4.66	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12538	6.61	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58734	57.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58734	102.25	ug/l #	13

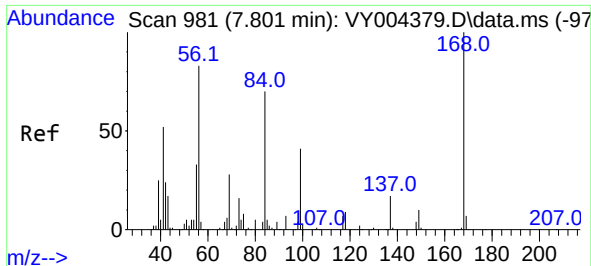
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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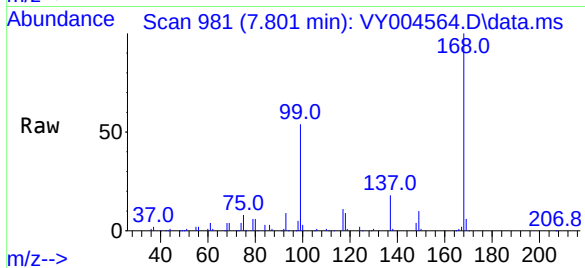
Quant Time: Apr 22 11:20:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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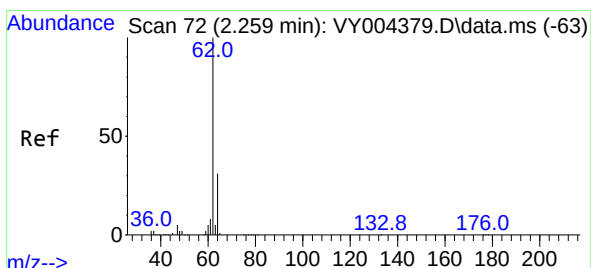
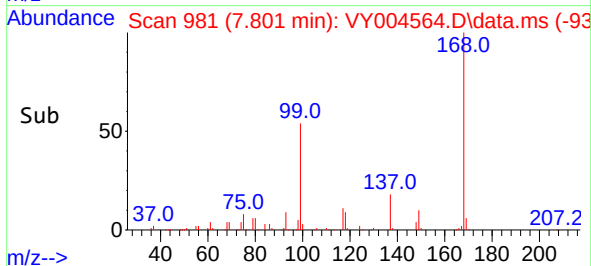
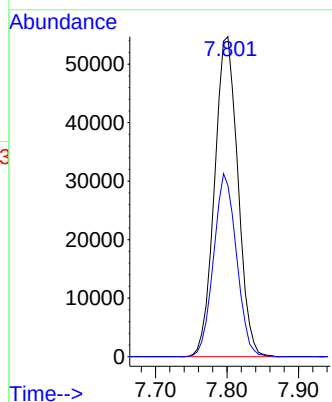


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Instrument :
MSVOA_Y
ClientSampleId :

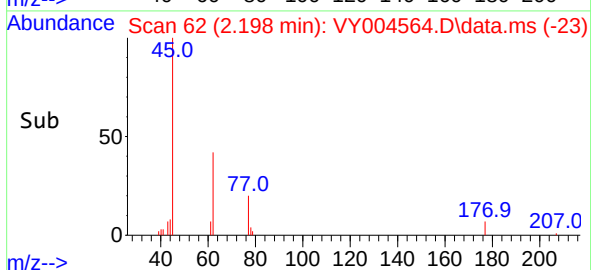
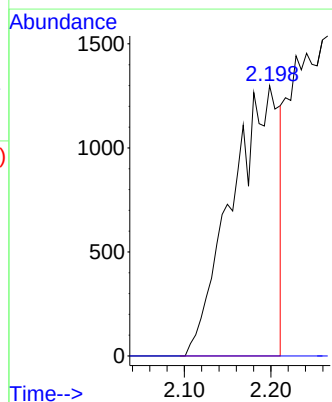
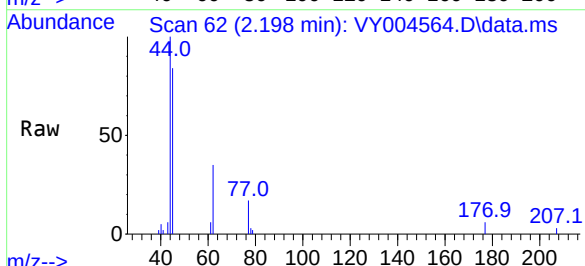


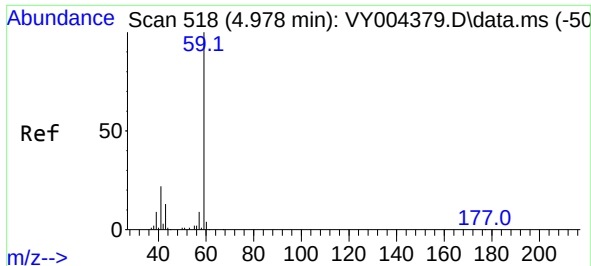
Tgt Ion:168 Resp: 123953
Ion Ratio Lower Upper
168 100
99 53.5 45.5 68.3



#4
Vinyl Chloride
Concen: 2.84 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Tgt Ion: 62 Resp: 4988
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



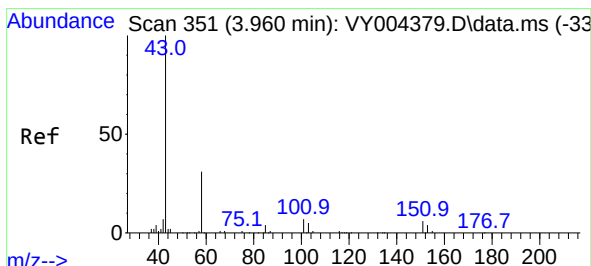
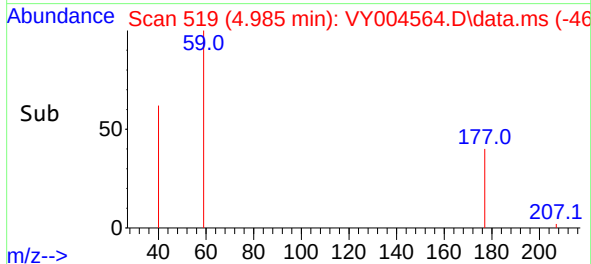
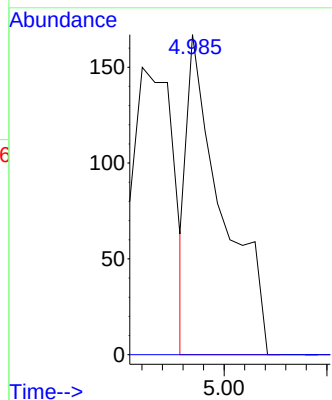
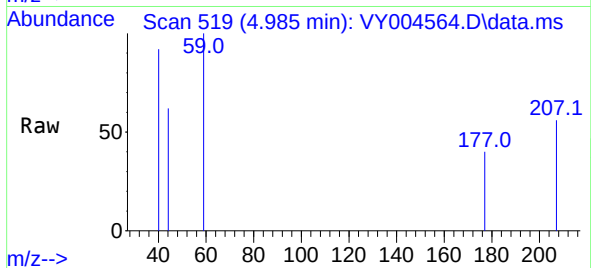


#11

Tert butyl alcohol
Concen: 1.45 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Instrument :
MSVOA_Y
ClientSampled :

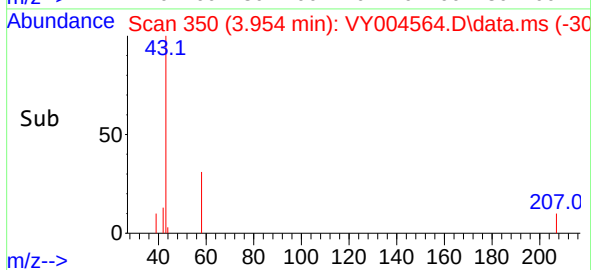
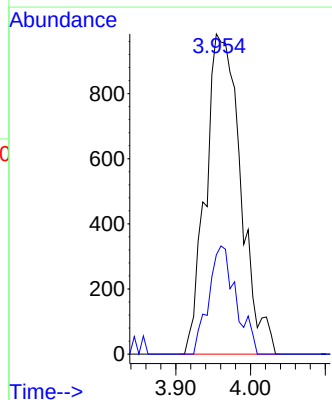
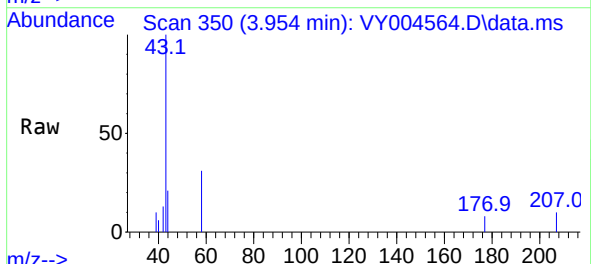
Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

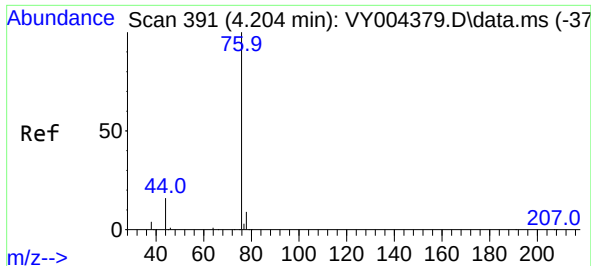


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
58 31.0 24.6 37.0

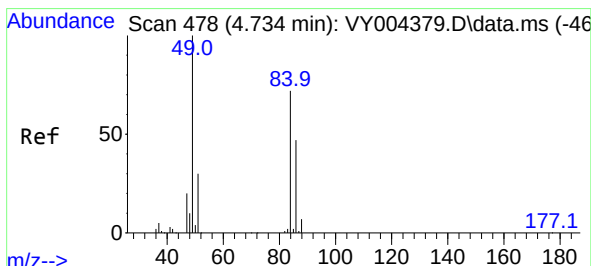
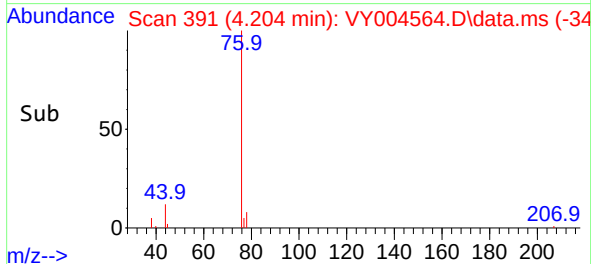
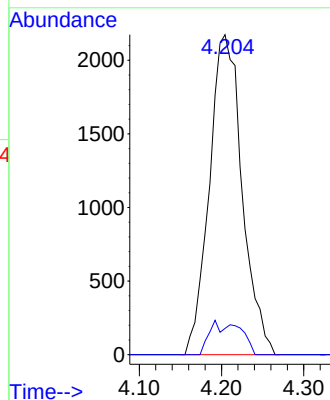
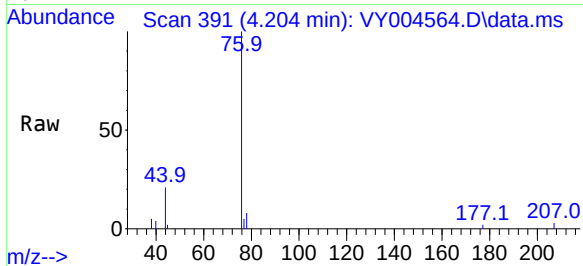




#17
Carbon Disulfide
Concen: 1.63 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

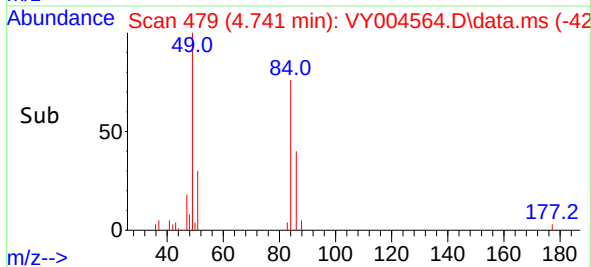
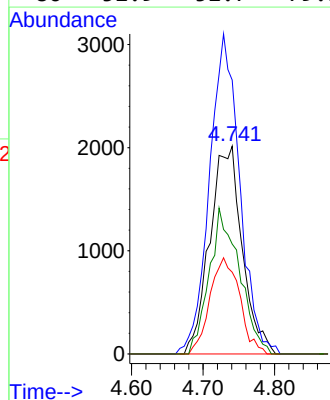
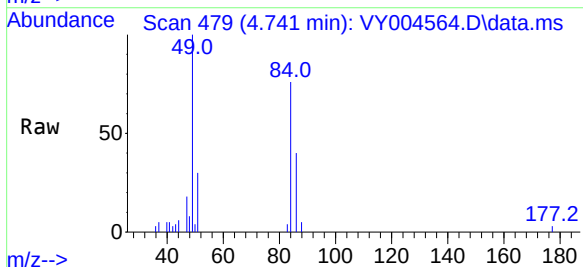
Instrument :
MSVOA_Y
ClientSampled :

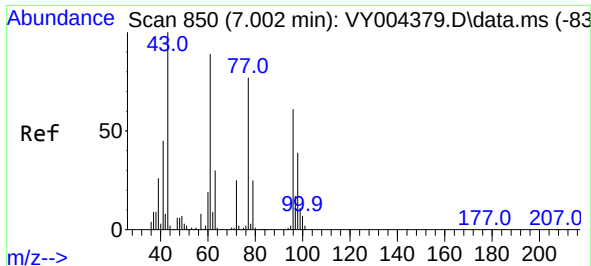
Tgt Ion: 76 Resp: 6032
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#20
Methylene Chloride
Concen: 4.76 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Tgt Ion: 84 Resp: 6332
Ion Ratio Lower Upper
84 100
49 131.8 111.2 166.8
51 39.3 33.4 50.2
86 52.9 52.7 79.1

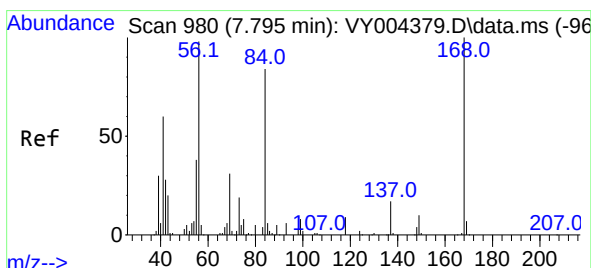
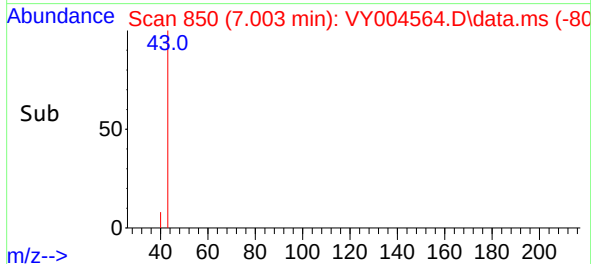
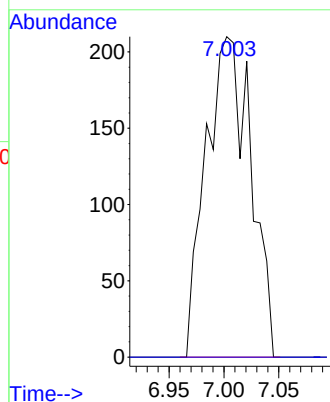
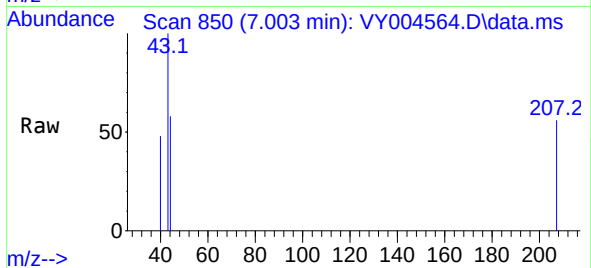




#25
2-Butanone
Concen: 1.14 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

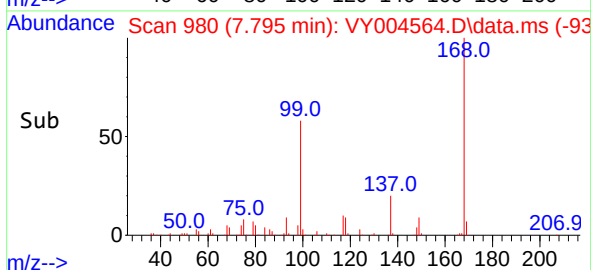
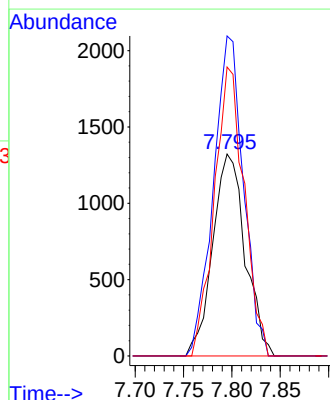
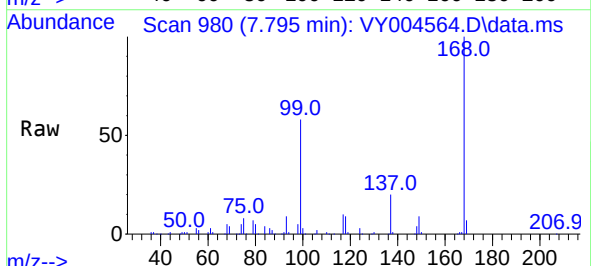
Instrument :
MSVOA_Y
ClientSampled :

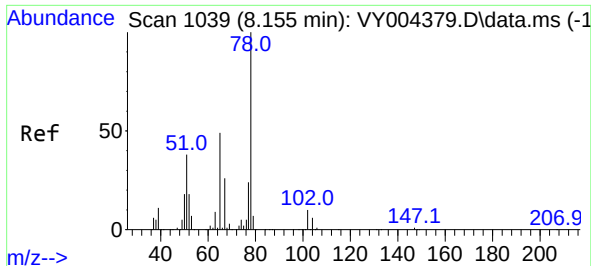
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Tgt Ion: 56 Resp: 3089
Ion Ratio Lower Upper
56 100
69 158.4 25.8 38.6#
84 143.1 68.2 102.4#

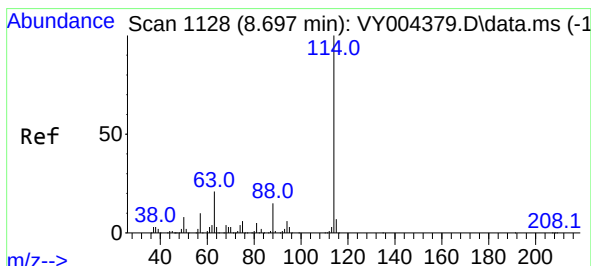
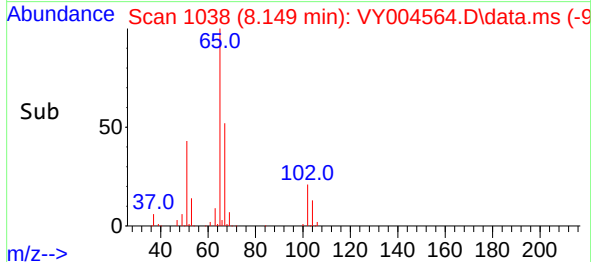
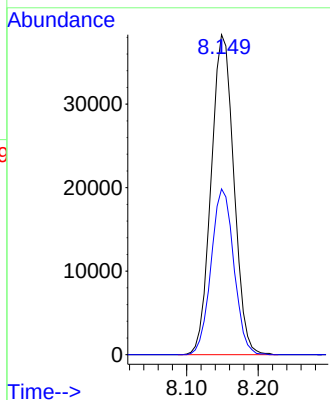
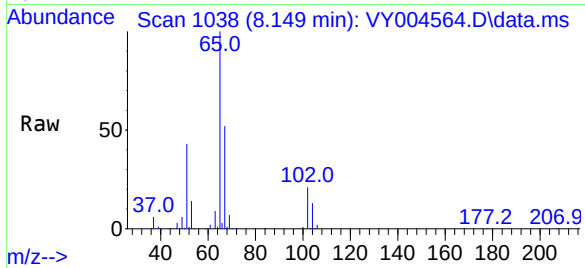




#33
 1,2-Dichloroethane-d4
 Concen: 61.28 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004564.D
 Acq: 21 Apr 2021 18:29

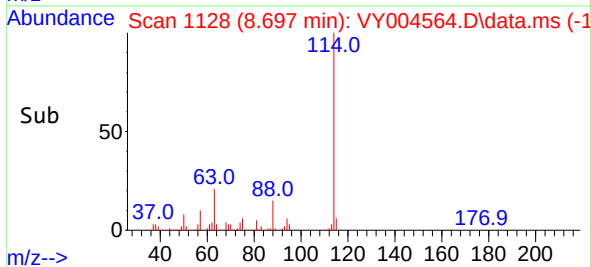
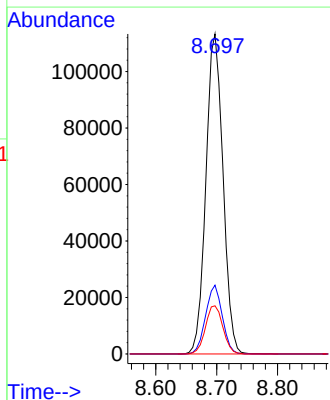
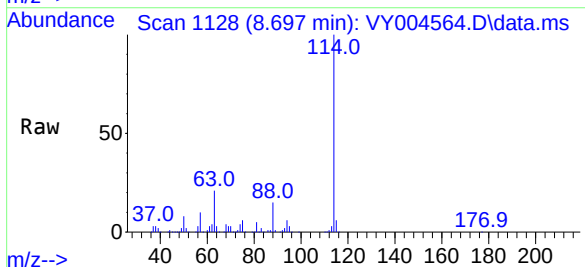
Instrument :
 MSVOA_Y
 ClientSampleId :

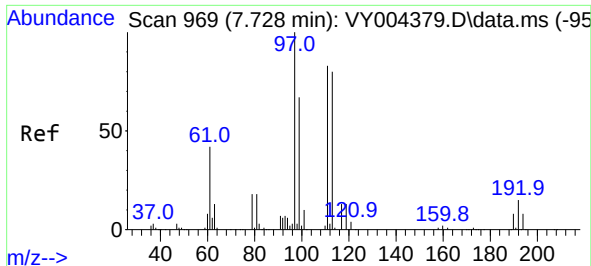
Tgt Ion: 65 Resp: 84399
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004564.D
 Acq: 21 Apr 2021 18:29

Tgt Ion: 114 Resp: 220823
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 15.1 0.0 30.8

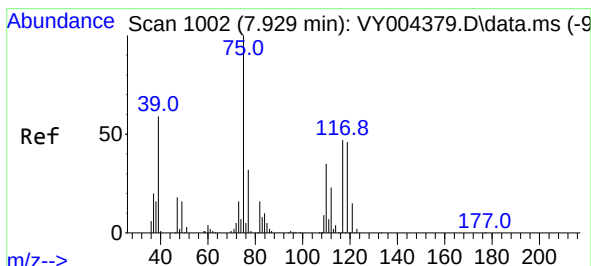
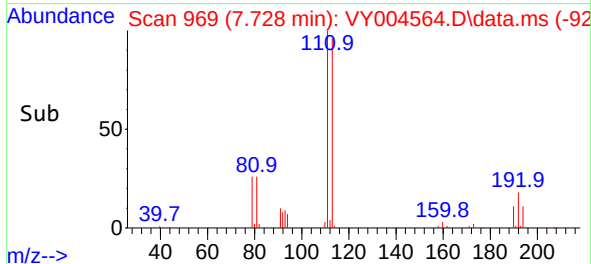
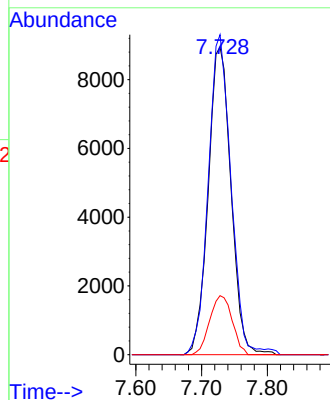
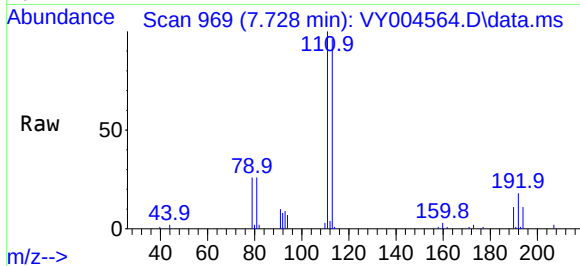




#35
Dibromofluoromethane
Concen: 17.56 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

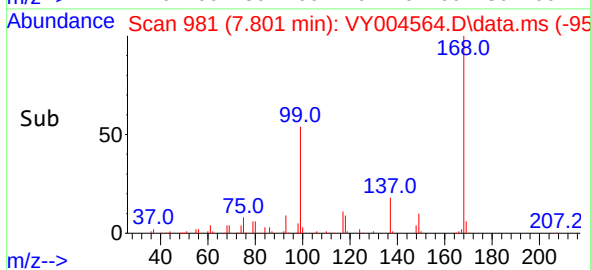
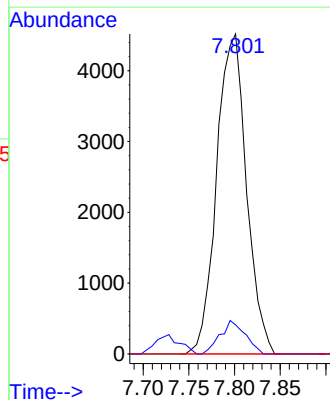
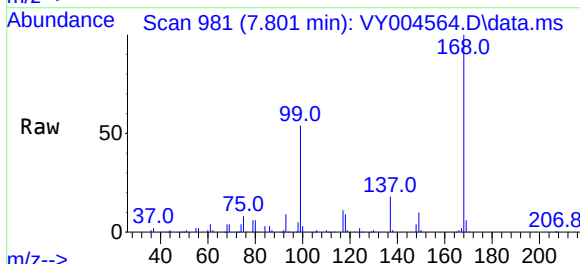
Instrument :
MSVOA_Y
ClientSampled :

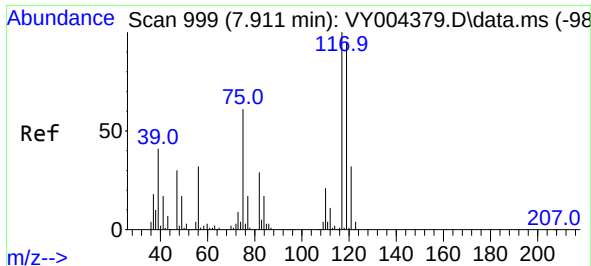
Tgt Ion:	113	Resp:	21522
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.0	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

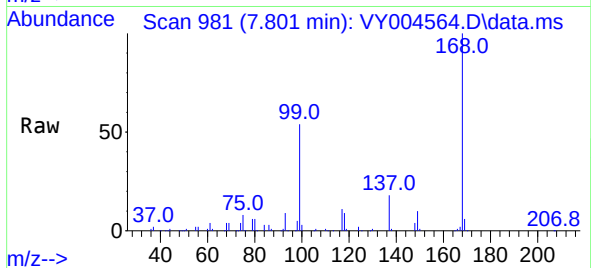
Tgt Ion:	75	Resp:	10233
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.7#
77	0.0	24.3	36.5#



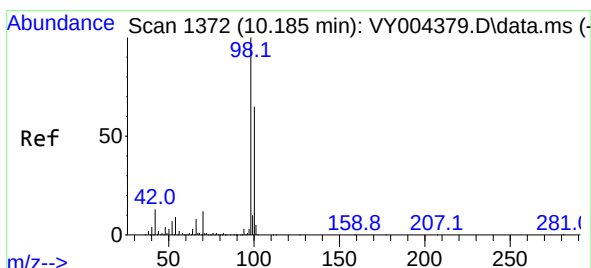
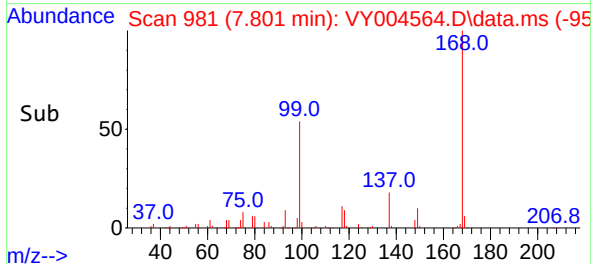
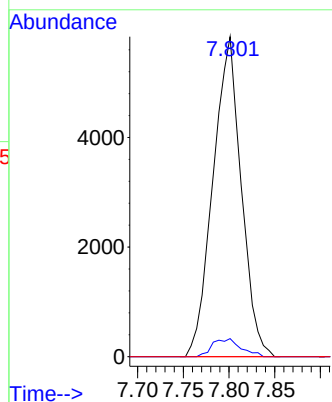


#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Instrument :
MSVOA_Y
ClientSampleId :

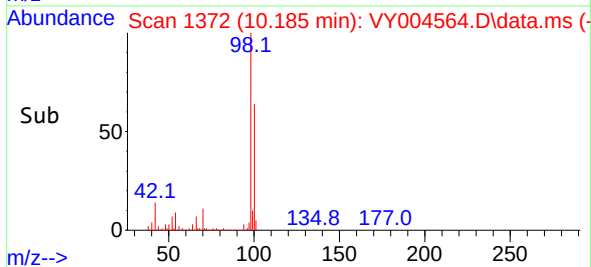
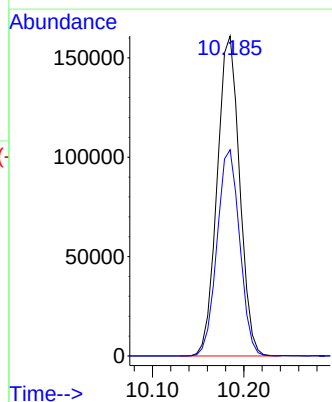
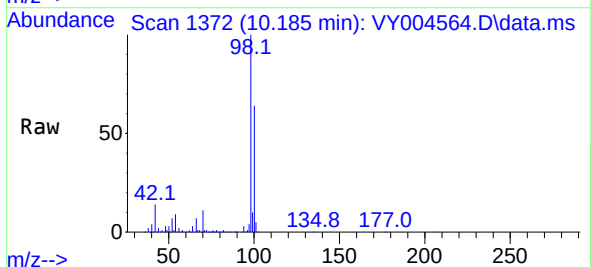


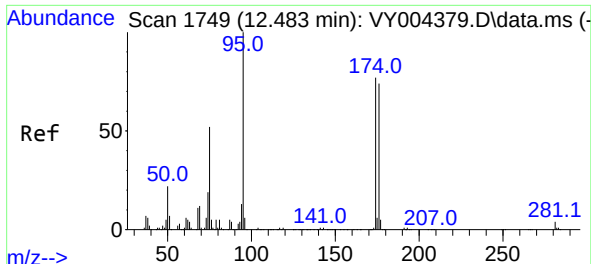
Tgt Ion:117 Resp: 12538
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Tgt Ion: 98 Resp: 274826
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



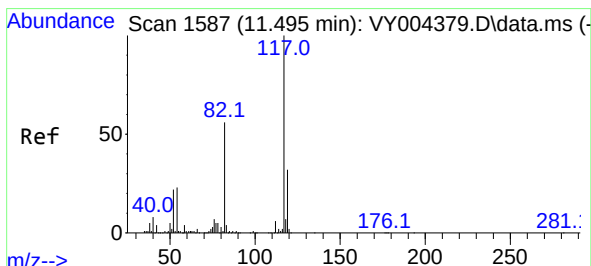
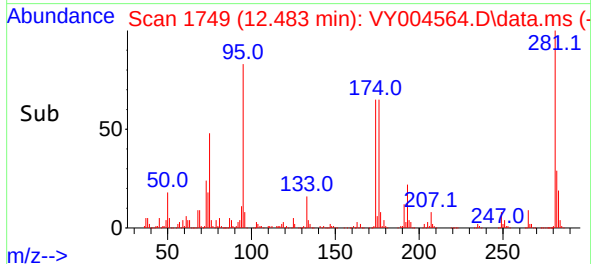
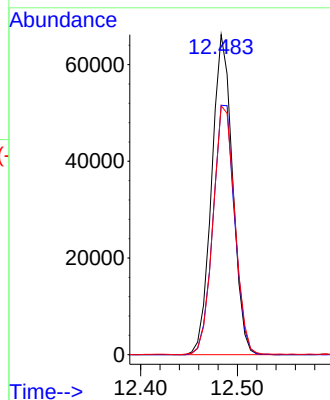
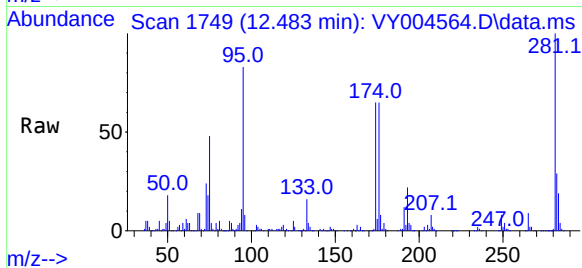


#62
4-Bromofluorobenzene
Concen: 56.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 99224

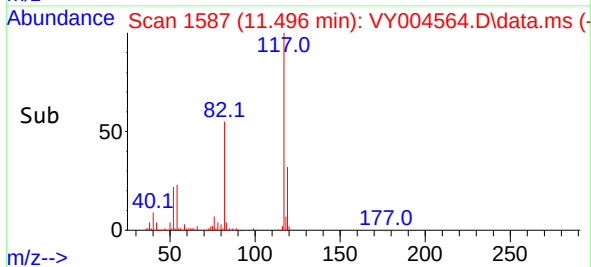
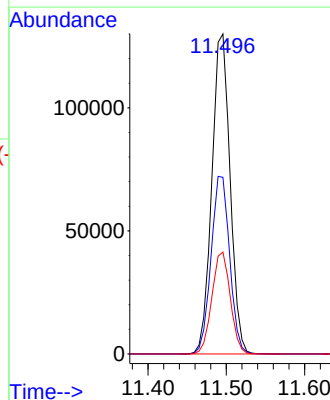
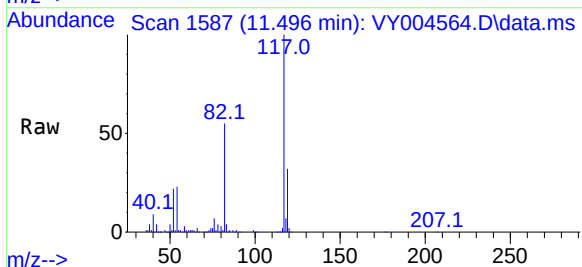
Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	162.4
176	81.2	0.0	156.0

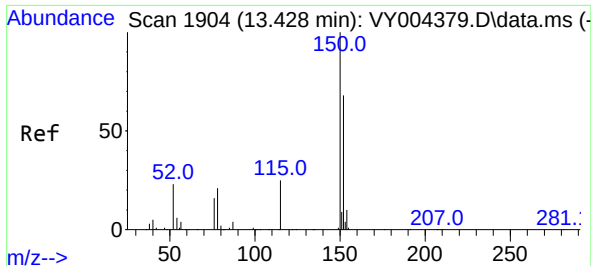


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Tgt Ion: 117 Resp: 210249

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	31.9	25.4	38.0

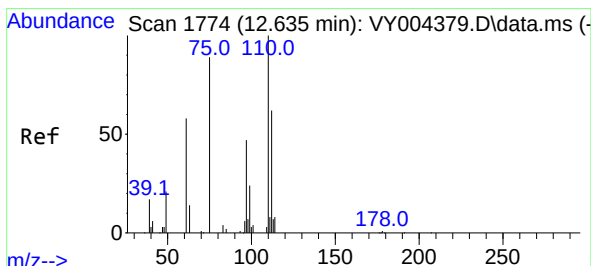
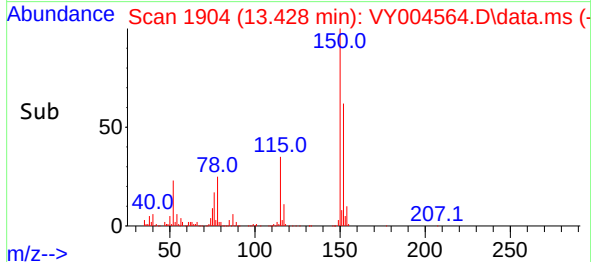
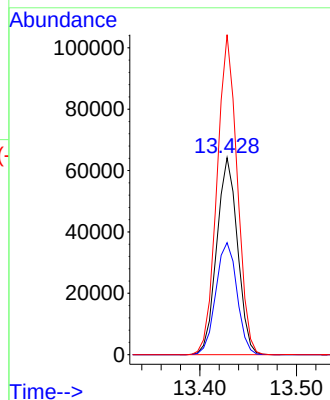
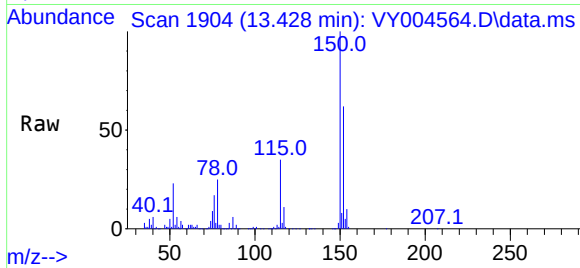




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

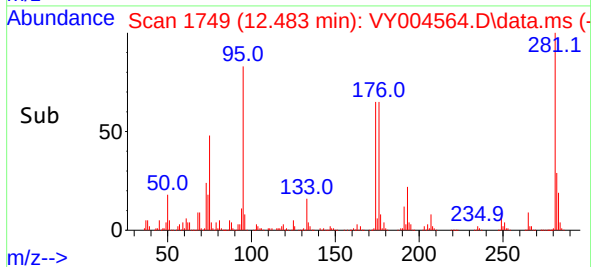
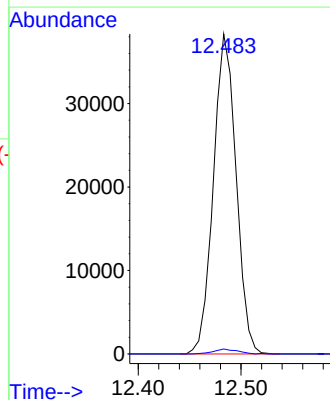
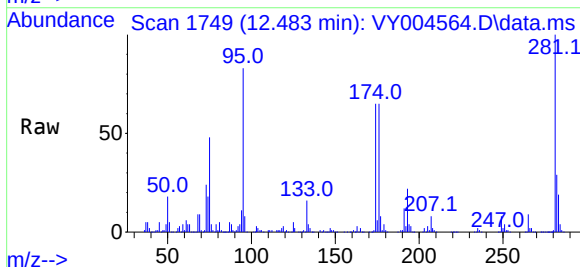
Instrument :
MSVOA_Y
ClientSampled :

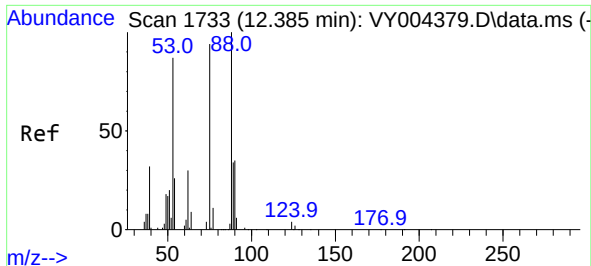
Tgt Ion:152 Resp: 95743
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 158.0 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 57.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

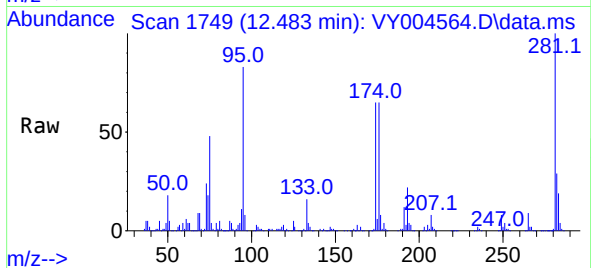
Tgt Ion: 75 Resp: 58734
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004564.D
Acq: 21 Apr 2021 18:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 58734
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 2.8 36.1 54.1#

