

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004566.D
 Acq On : 21 Apr 2021 19:16
 Operator : SY/MD
 Sample : M2090-11RE
 Misc : 6.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:20:52 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)

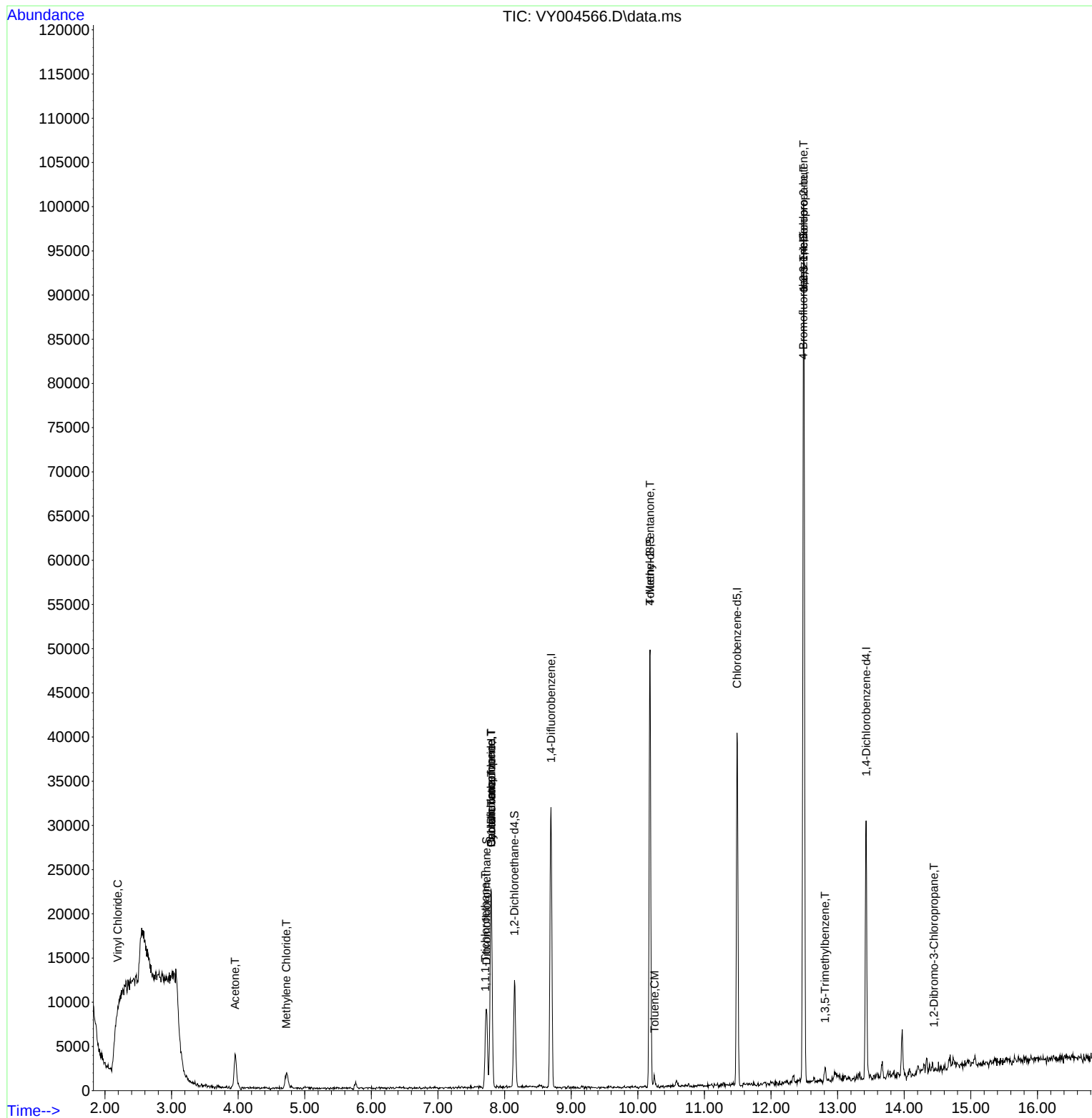
Internal Standards						
1) Pentafluorobenzene	7.801	168	17495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	20641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8862	45.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.18%
35) Dibromofluoromethane	7.728	113	6217	42.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.82%
50) Toluene-d8	10.185	98	30367	49.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.56%
62) 4-Bromofluorobenzene	12.483	95	7896	37.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.52%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.192	62	3546	14.32	ug/l #	43
16) Acetone	3.954	43	6707	155.28	ug/l	97
20) Methylene Chloride	4.722	84	910	4.85	ug/l #	79
31) Cyclohexane	7.801	56	438	1.23	ug/l #	40
32) 1,1,1-Trichloroethane	7.710	97	682	2.18	ug/l	99
36) 1,1-Dichloropropene	7.795	75	1495	5.76	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1735	7.74	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	167	1.03	ug/l #	1
52) Toluene	10.252	92	595	1.26	ug/l	96
76) 1,2,3-Trichloropropane	12.489	75	5319	70.01	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.813	105	885	1.99	ug/l	80
81) trans-1,4-Dichloro-2-b...	12.489	75	5319	125.24	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.446	75	23	1.24	ug/l #	2

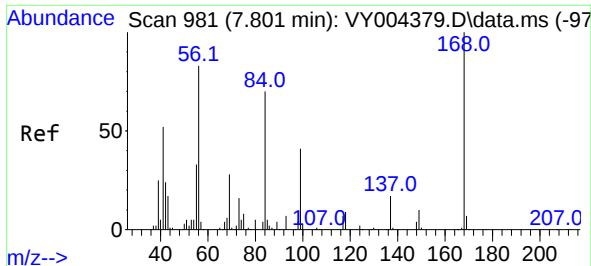
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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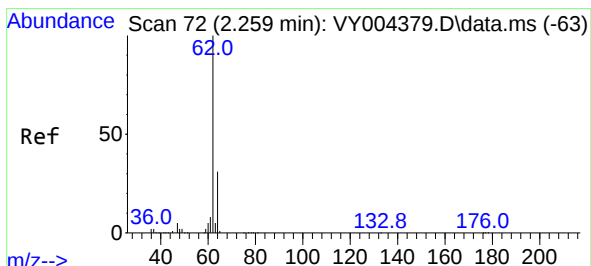
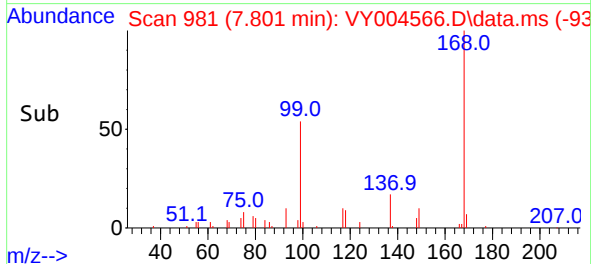
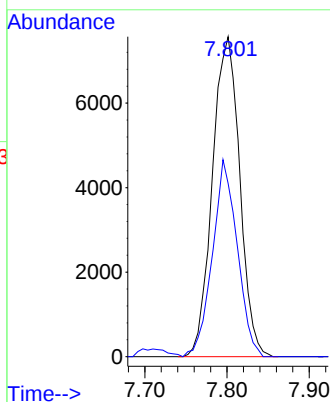
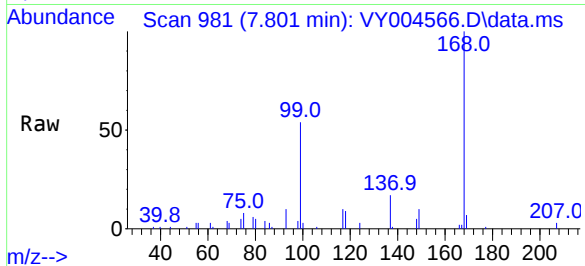




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

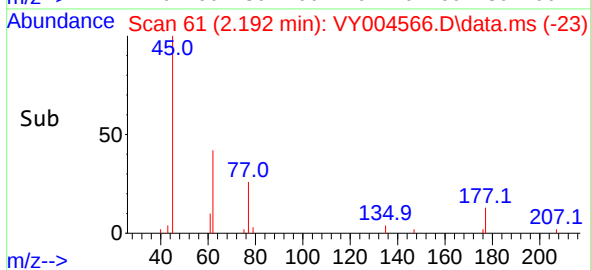
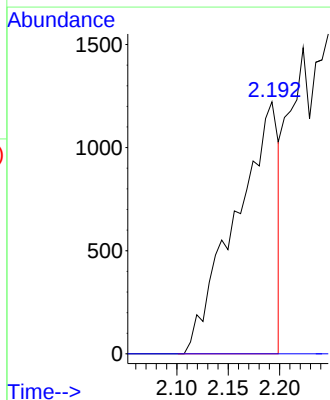
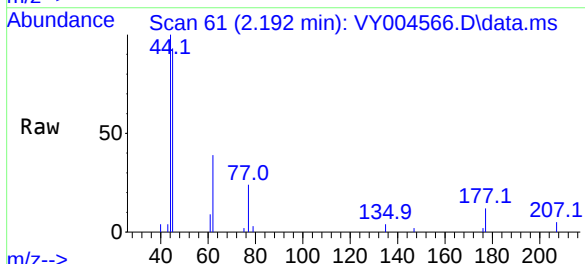
Instrument :
MSVOA_Y
ClientSampleId :

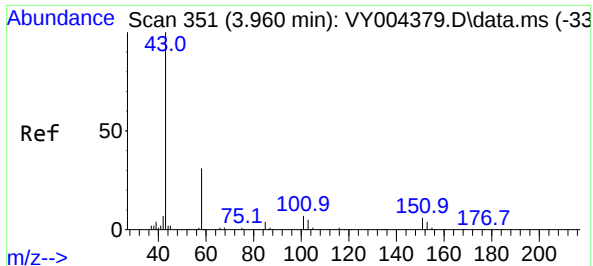
Tgt Ion:168 Resp: 17495
Ion Ratio Lower Upper
168 100
99 54.1 45.5 68.3



#4
Vinyl Chloride
Concen: 14.32 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Tgt Ion: 62 Resp: 3546
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

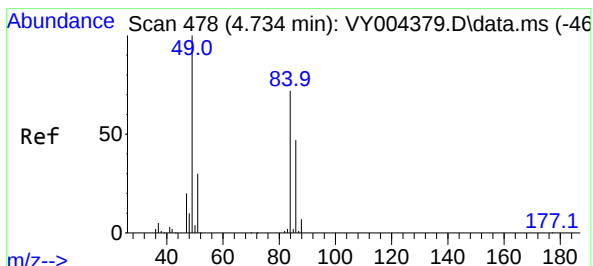
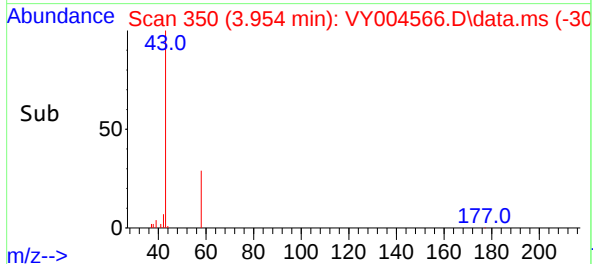
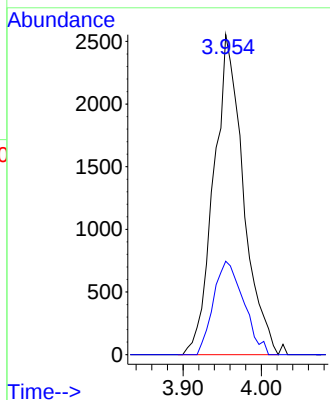
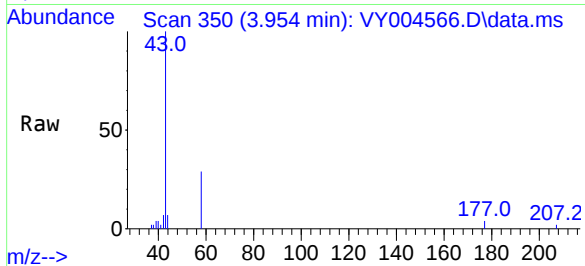




#16
Acetone
Concen: 155.28 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

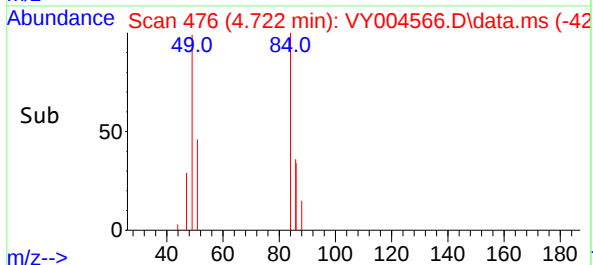
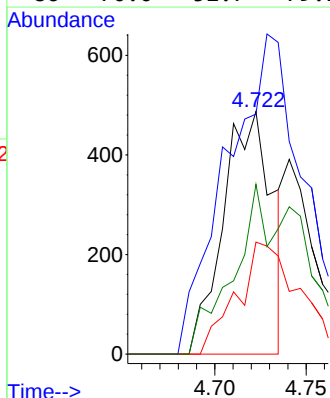
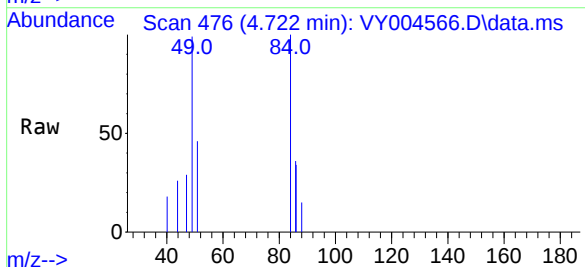
Instrument :
MSVOA_Y
ClientSampleId :

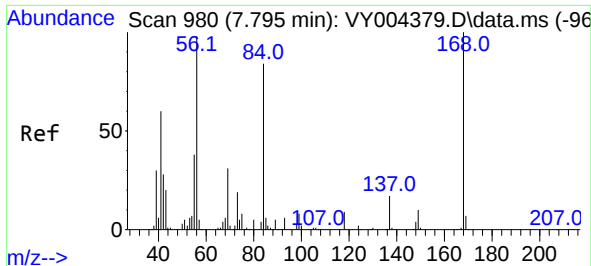
Tgt Ion: 43 Resp: 6707
Ion Ratio Lower Upper
43 100
58 29.2 24.6 37.0



#20
Methylene Chloride
Concen: 4.85 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

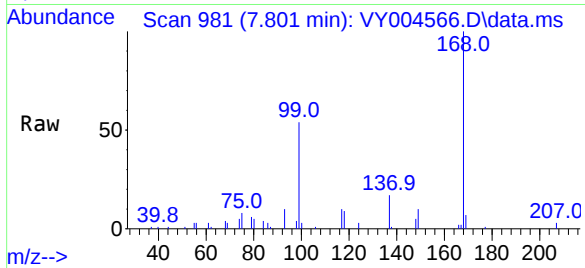
Tgt Ion: 84 Resp: 910
Ion Ratio Lower Upper
84 100
49 99.0 111.2 166.8#
51 46.2 33.4 50.2
86 70.0 52.7 79.1



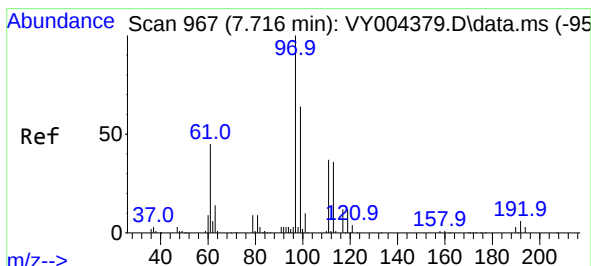
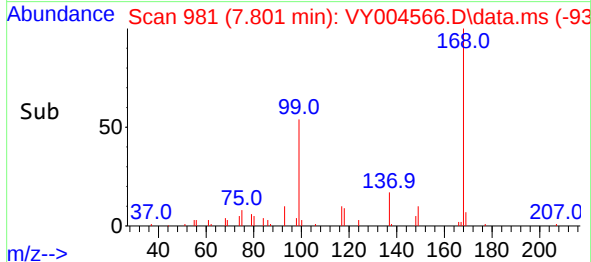
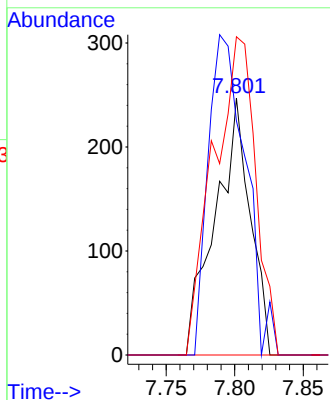


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Instrument :
MSVOA_Y
ClientSampled :

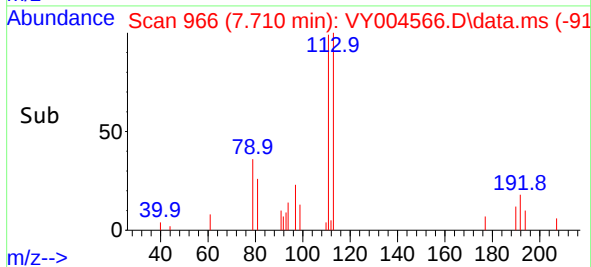
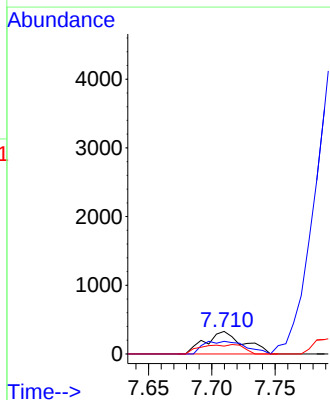
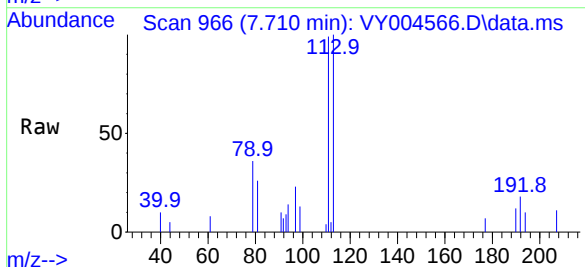


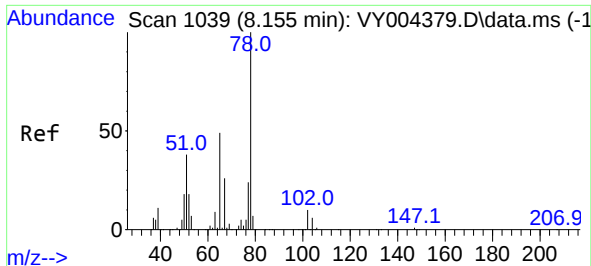
Tgt Ion: 56 Resp: 438
Ion Ratio Lower Upper
56 100
69 91.1 25.8 38.6#
84 123.9 68.2 102.4#



#32
1,1,1-Trichloroethane
Concen: 2.18 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Tgt Ion: 97 Resp: 682
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 46.0 36.2 54.2

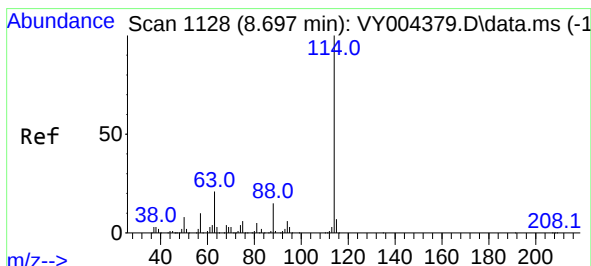
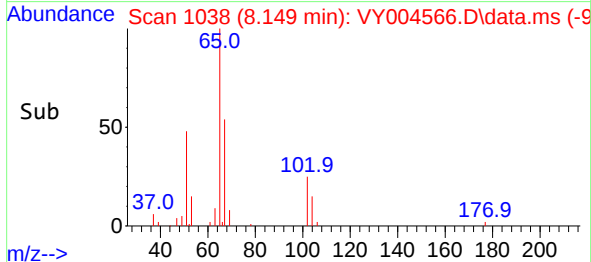
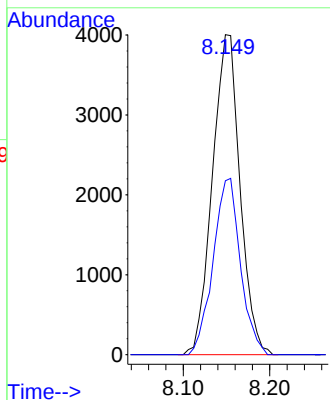
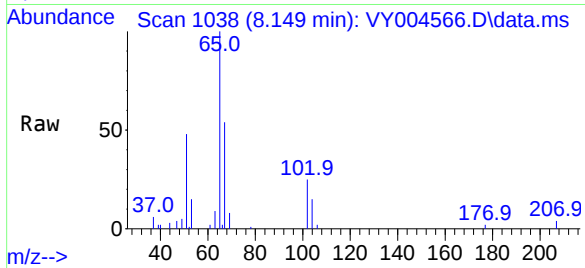




#33
1,2-Dichloroethane-d4
Concen: 45.59 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

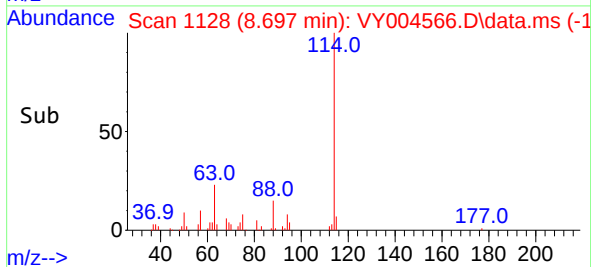
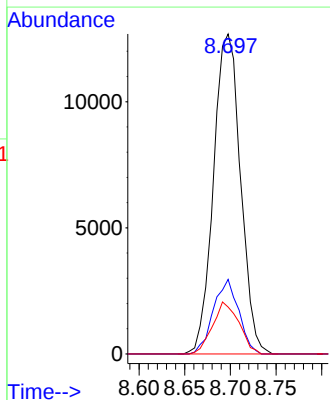
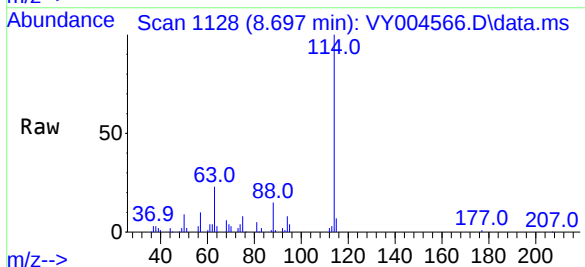
Instrument :
MSVOA_Y
ClientSampleId :

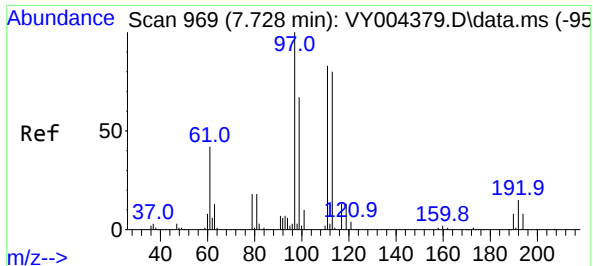
Tgt Ion: 65 Resp: 8862
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Tgt Ion:114 Resp: 26106
Ion Ratio Lower Upper
114 100
63 23.3 0.0 42.4
88 14.7 0.0 30.8

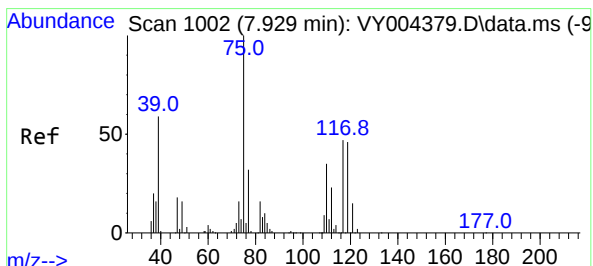
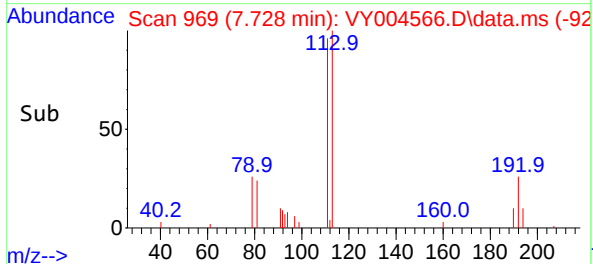
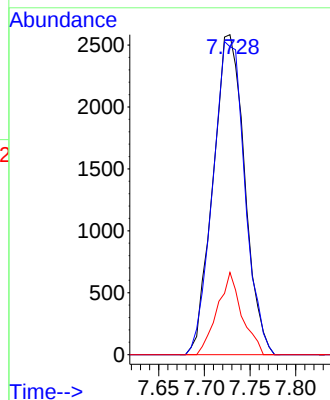
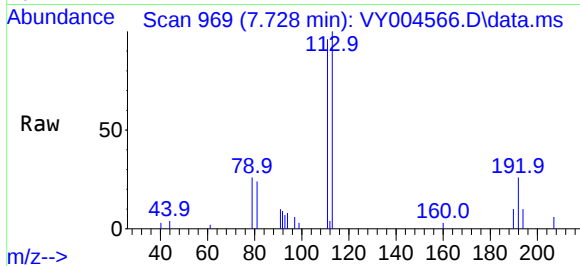




#35
Dibromofluoromethane
Concen: 42.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

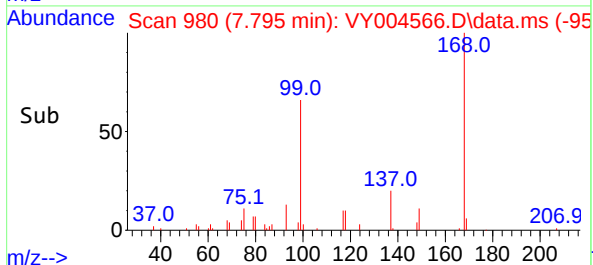
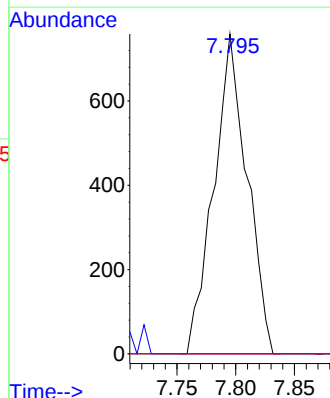
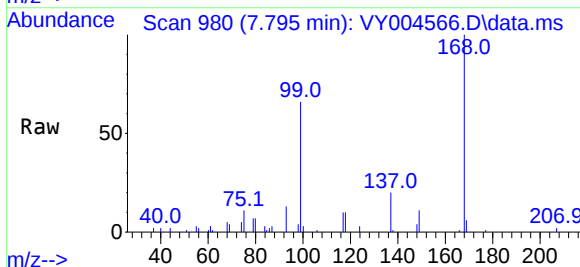
Instrument :
MSVOA_Y
ClientSampled :

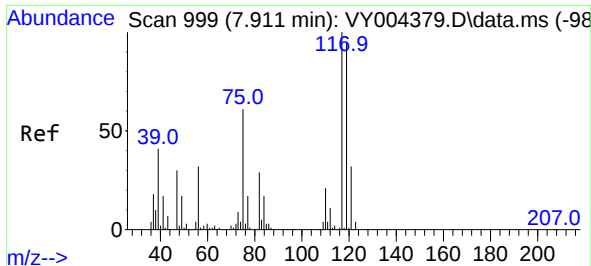
Tgt Ion:	113	Resp:	6217
Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.6	123.8
192	20.0	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.76 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

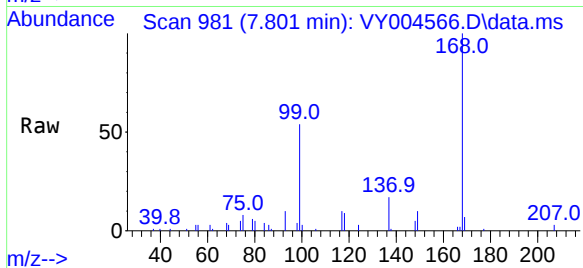
Tgt Ion:	75	Resp:	1495
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	51.7#
77	0.0	24.3	36.5#



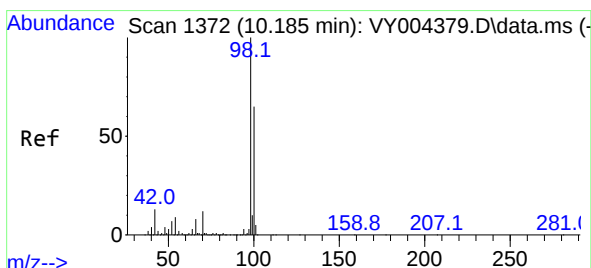
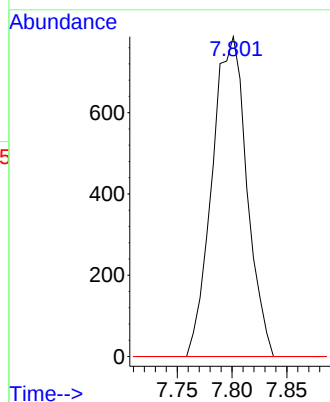
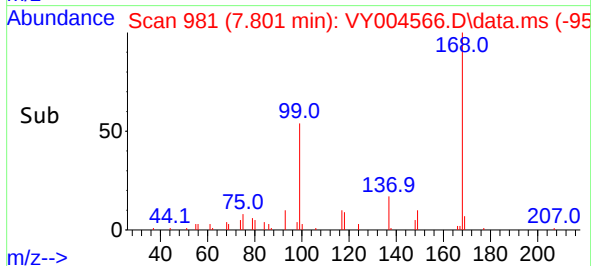


#38
Carbon Tetrachloride
Concen: 7.74 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

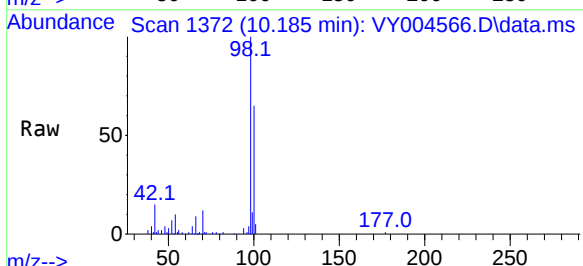
Instrument :
MSVOA_Y
ClientSampleId :



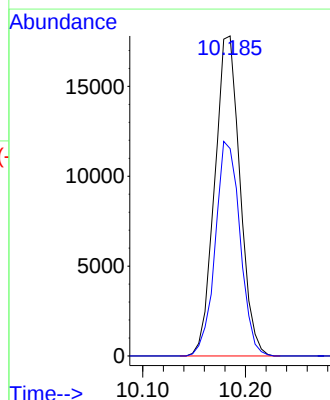
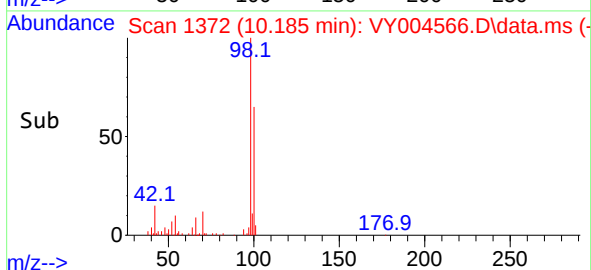
Tgt Ion:117 Resp: 1735
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.3 37.9#

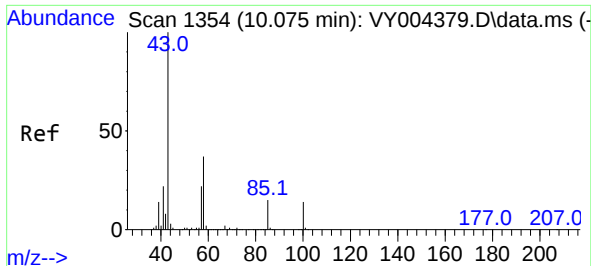


#50
Toluene-d8
Concen: 49.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16



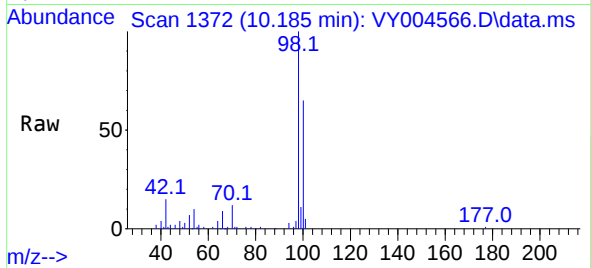
Tgt Ion: 98 Resp: 30367
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



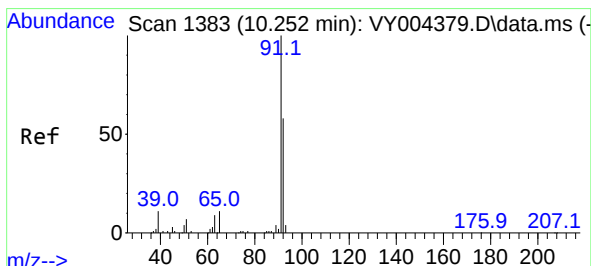
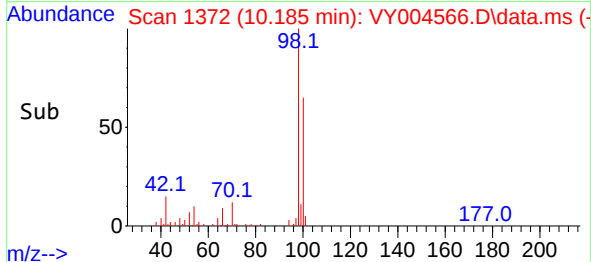
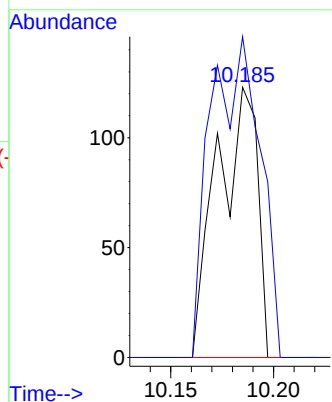


#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Instrument :
MSVOA_Y
ClientSampled :

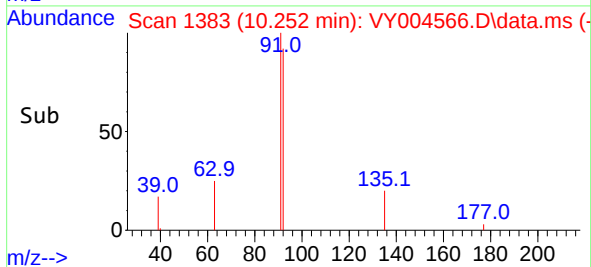
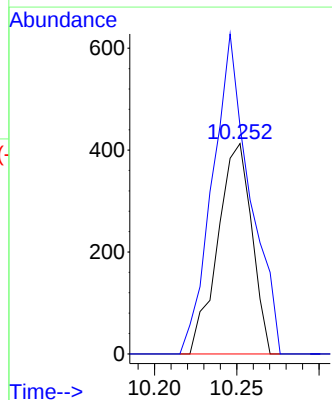
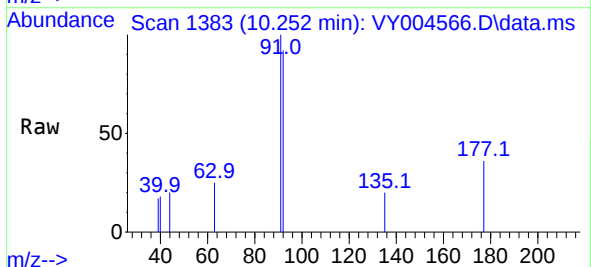


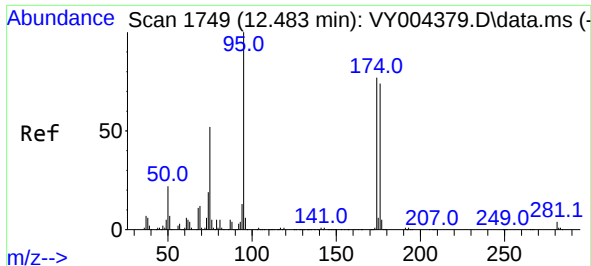
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 146.1 29.2 43.8#



#52
Toluene
Concen: 1.26 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Tgt Ion: 92 Resp: 595
Ion Ratio Lower Upper
92 100
91 166.6 137.8 206.6

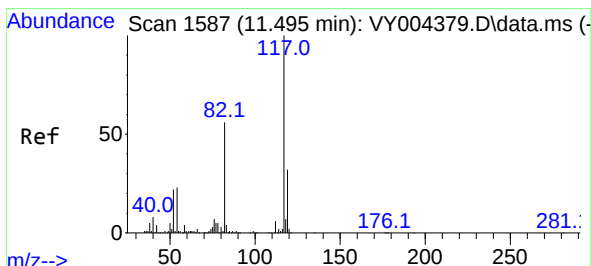
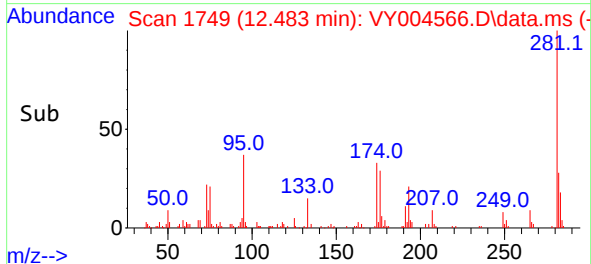
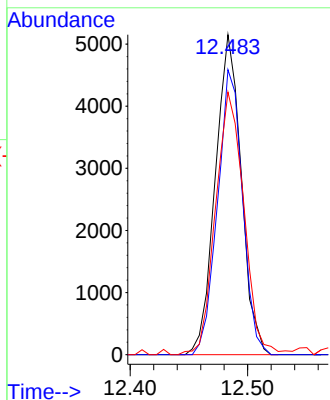
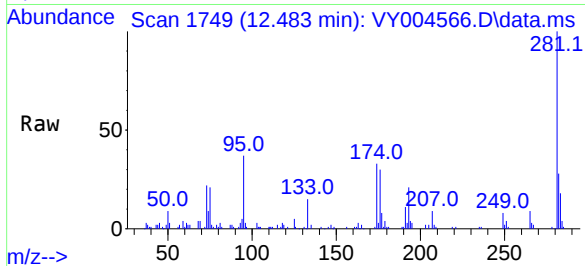




#62
4-Bromofluorobenzene
Concen: 37.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

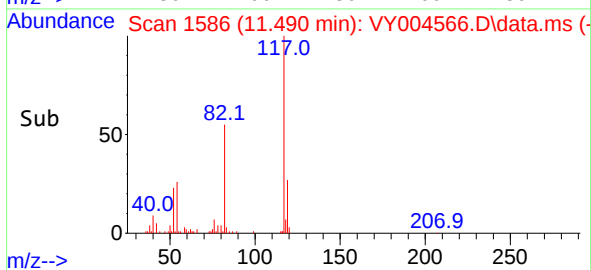
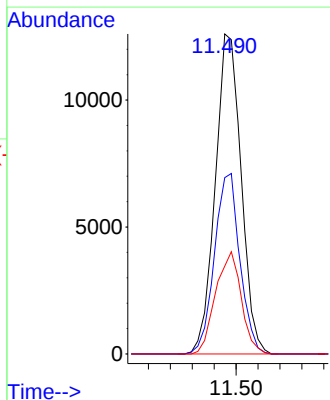
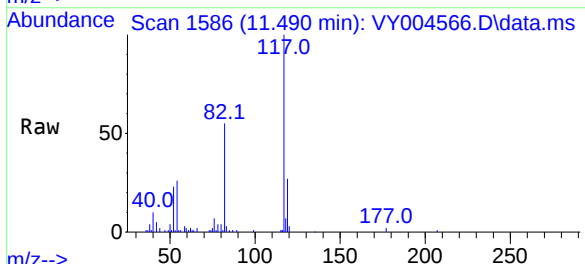
Instrument :
MSVOA_Y
ClientSampleId :

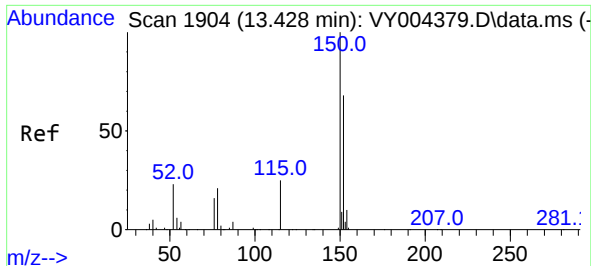
Tgt Ion:	95	Resp:	7896
Ion Ratio	100	Lower	Upper
174	85.4	0.0	162.4
176	89.4	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Tgt Ion:	117	Resp:	20641
Ion Ratio	100	Lower	Upper
82	55.1	44.9	67.3
119	27.5	25.4	38.0

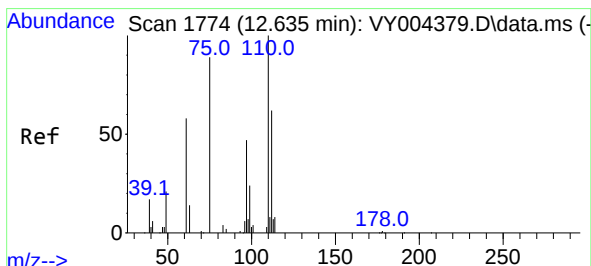
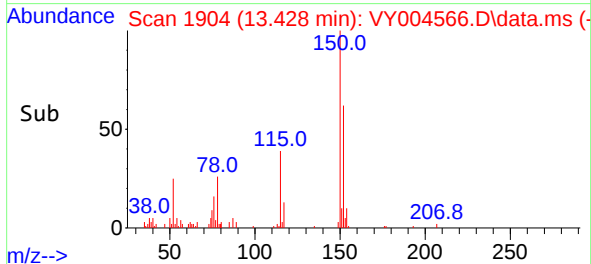
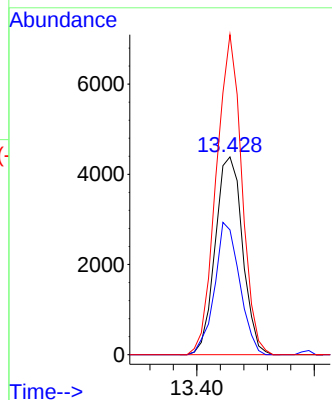
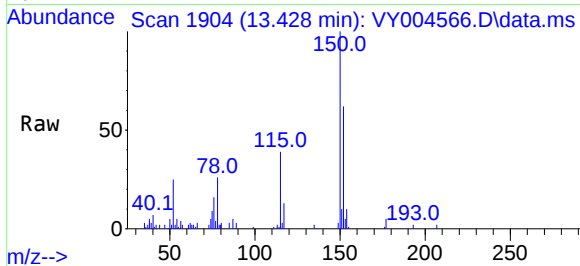




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

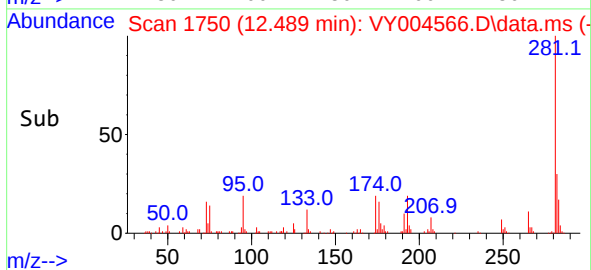
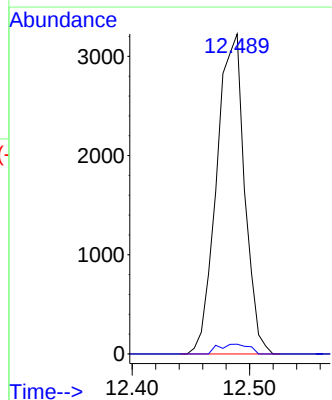
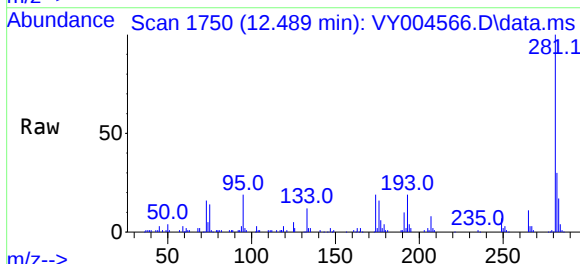
Instrument :
MSVOA_Y
ClientSampled :

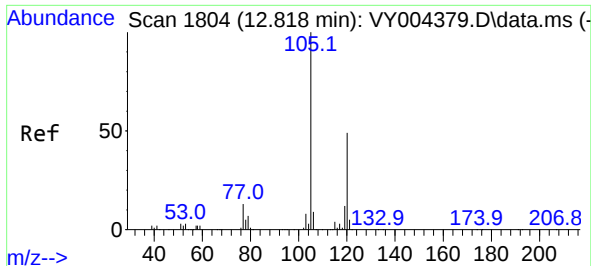
Tgt Ion:152 Resp: 7079
Ion Ratio Lower Upper
152 100
115 61.5 29.6 88.8
150 151.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 70.01 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

Tgt Ion: 75 Resp: 5319
Ion Ratio Lower Upper
75 100
77 3.4 0.0 0.0#

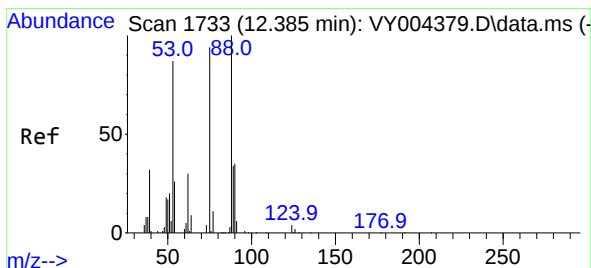
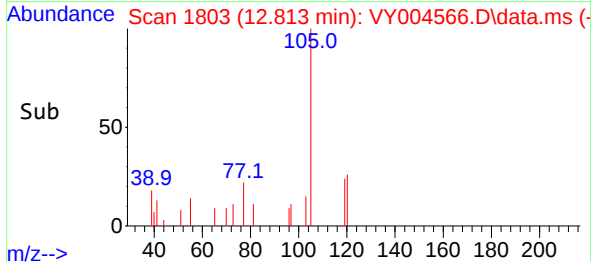
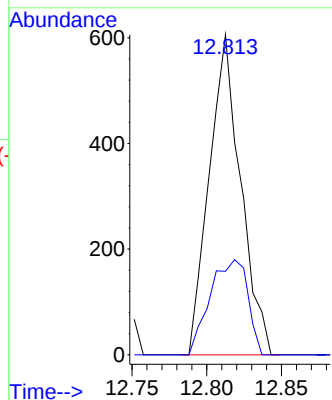
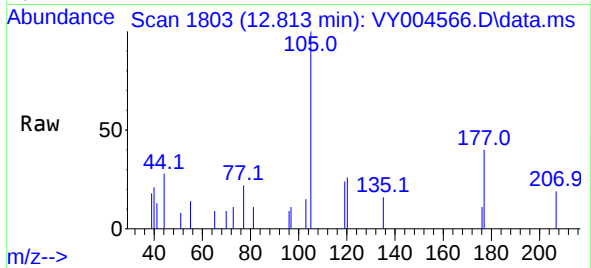




#80
1,3,5-Trimethylbenzene
Concen: 1.99 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

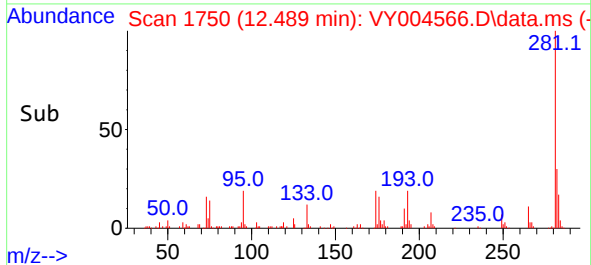
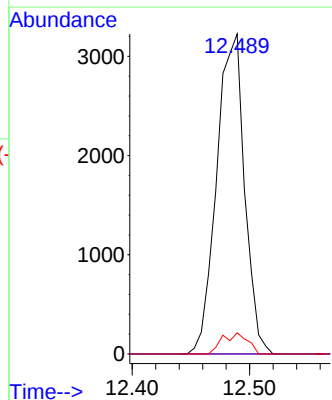
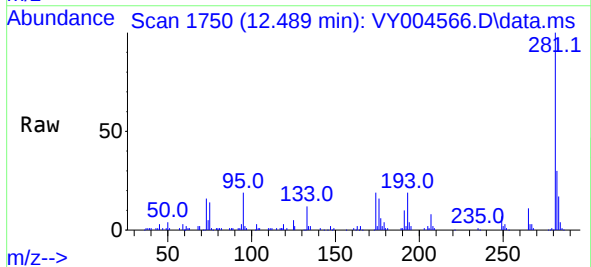
Instrument :
MSVOA_Y
ClientSampleId :

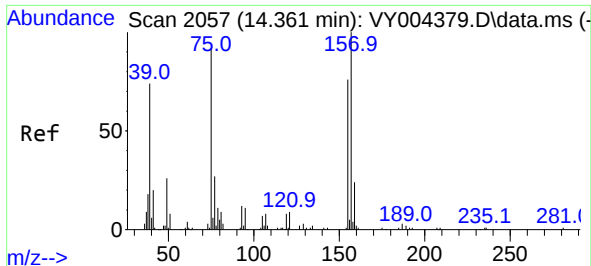
Tgt Ion:105 Resp: 885
Ion Ratio Lower Upper
105 100
120 35.6 24.6 74.0



#81
trans-1,4-Dichloro-2-butene
Concen: 125.24 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004566.D
Acq: 21 Apr 2021 19:16

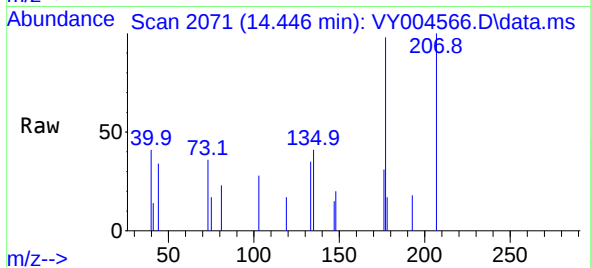
Tgt Ion: 75 Resp: 5319
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 5.9 36.1 54.1#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.24 ug/l
 RT: 14.446 min Scan# 2071
 Delta R.T. 0.086 min
 Lab File: VY004566.D
 Acq: 21 Apr 2021 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 121.8#
 157 0.0 53.0 159.0#

