

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004568.D
 Acq On : 21 Apr 2021 20:02
 Operator : SY/MD
 Sample : M2090-21RE
 Misc : 6.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:21:27 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)

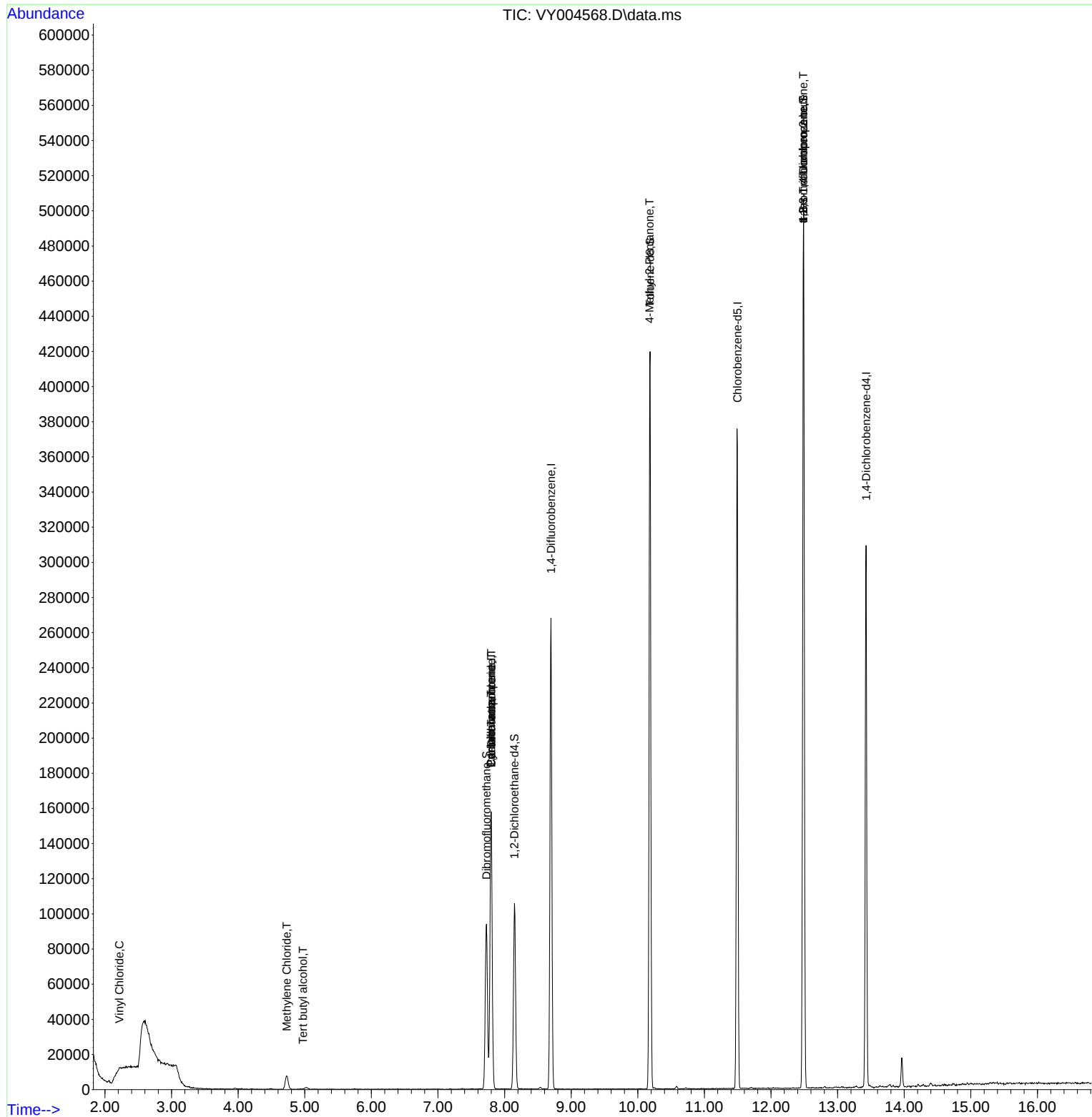
Internal Standards						
1) Pentafluorobenzene	7.801	168	121488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80427	59.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.16%
35) Dibromofluoromethane	7.728	113	64742	54.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.00%
50) Toluene-d8	10.185	98	262959	52.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.08%
62) 4-Bromofluorobenzene	12.483	95	81715	47.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.32%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	5594	3.25	ug/l #	43
11) Tert butyl alcohol	4.972	59	270	2.03	ug/l #	73
16) Acetone	3.954	43	1050	Below	Cal	91
20) Methylene Chloride	4.729	84	5833	4.47	ug/l	90
31) Cyclohexane	7.795	56	2958	1.20	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	10374	4.88	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12054	6.56	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1442	1.08	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47551	60.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47551	107.65	ug/l #	13

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

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ClientSampleId :

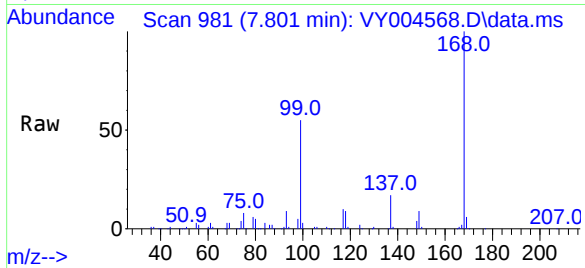
Quant Time: Apr 22 11:21:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



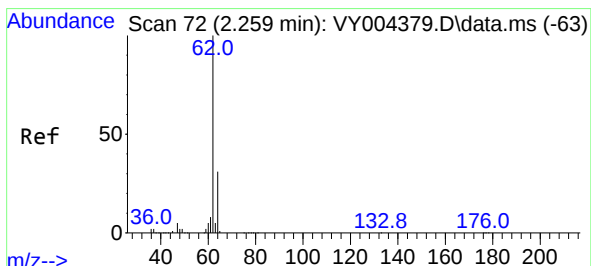
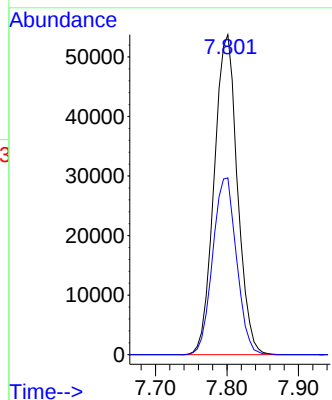
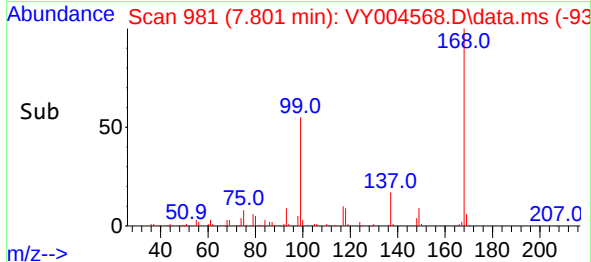


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

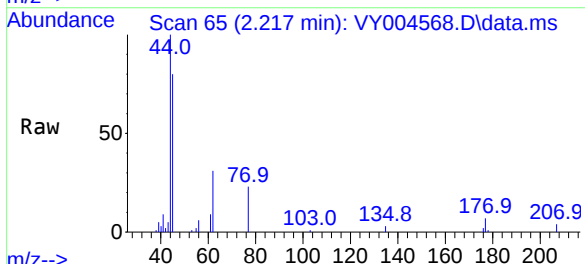
Instrument :
MSVOA_Y
ClientSampled :



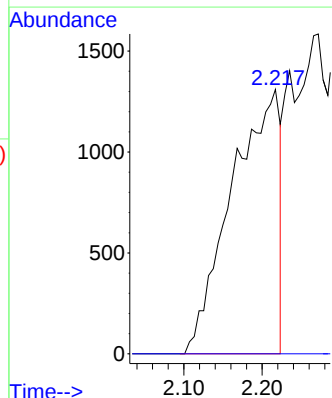
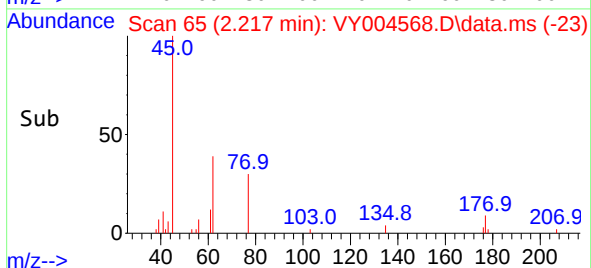
Tgt Ion:168 Resp: 121488
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3

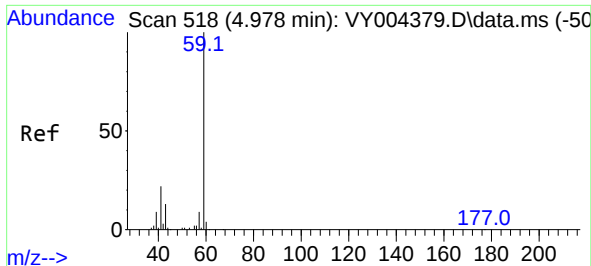


#4
Vinyl Chloride
Concen: 3.25 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.042 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02



Tgt Ion: 62 Resp: 5594
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



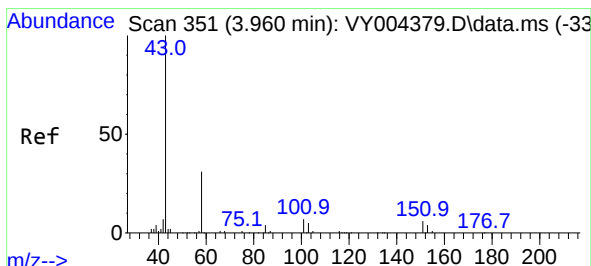
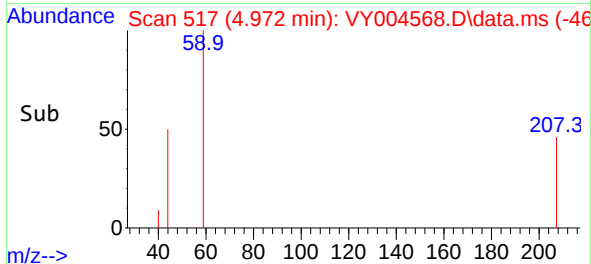
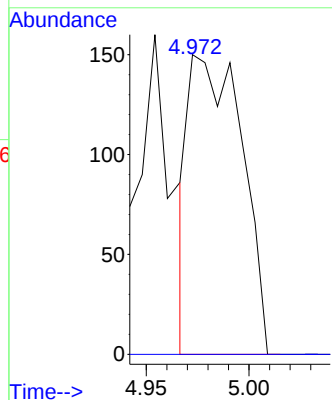
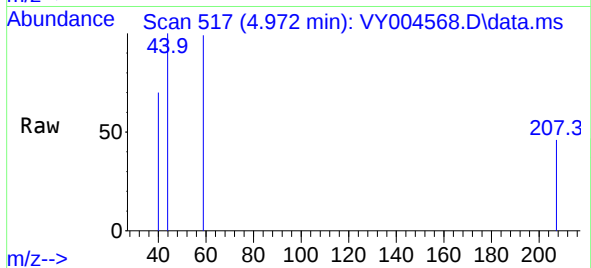


#11

Tert butyl alcohol
Concen: 2.03 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Instrument :
MSVOA_Y
ClientSampleId :

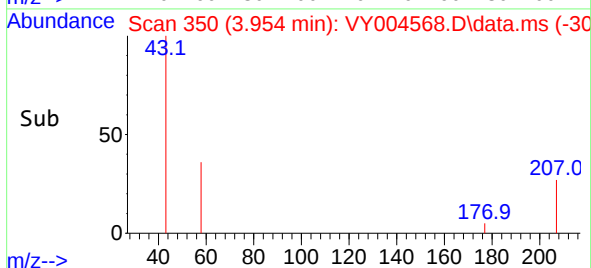
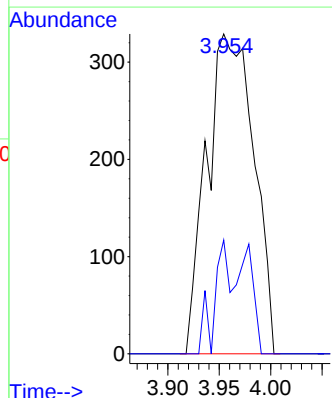
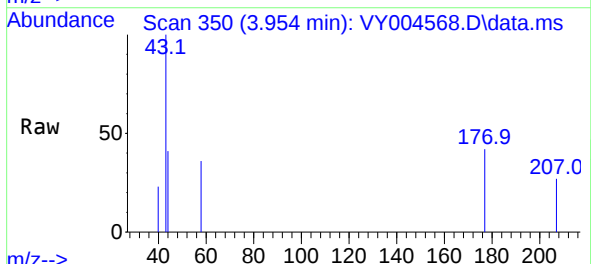
Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

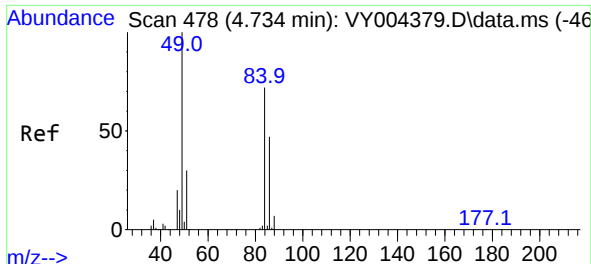


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

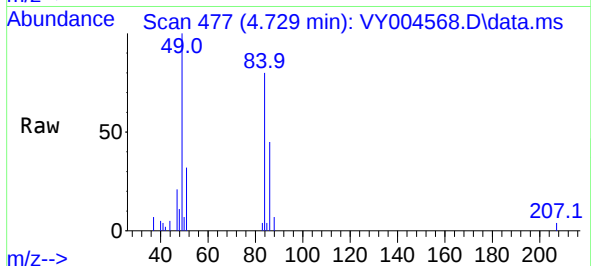
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 35.6 24.6 37.0





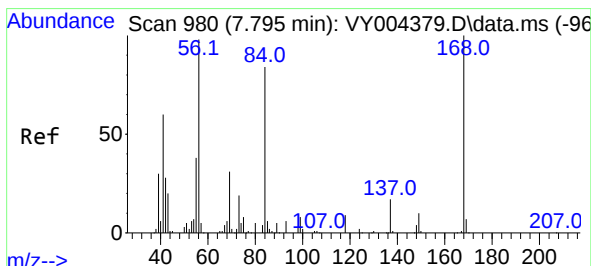
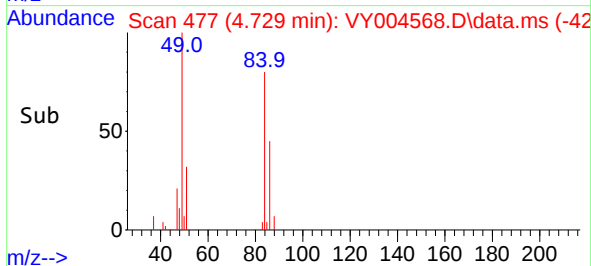
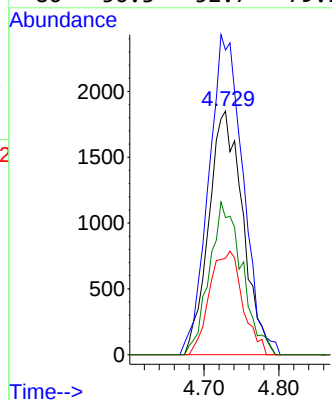
#20
Methylene Chloride
Concen: 4.47 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Instrument :
MSVOA_Y
ClientSampled :

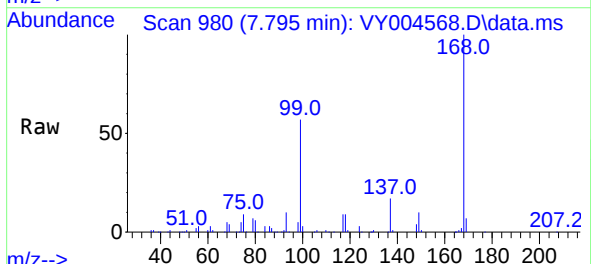


Tgt Ion: 84 Resp: 5833

Ion	Ratio	Lower	Upper
84	100		
49	125.0	111.2	166.8
51	39.6	33.4	50.2
86	56.3	52.7	79.1

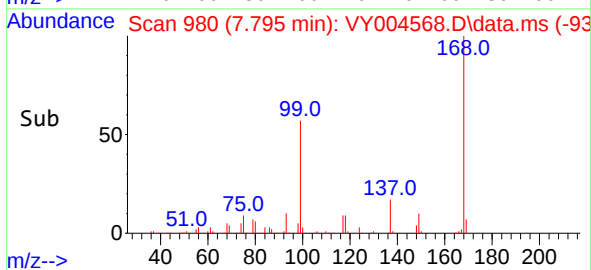
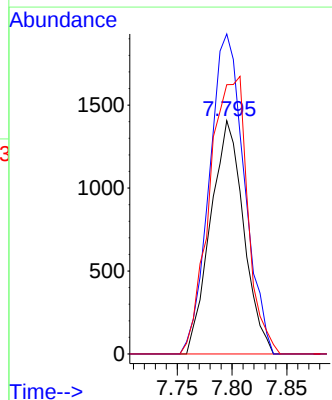


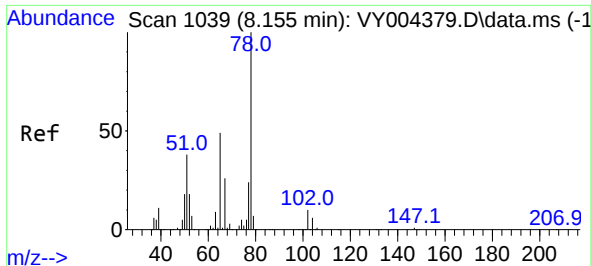
#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02



Tgt Ion: 56 Resp: 2958

Ion	Ratio	Lower	Upper
56	100		
69	137.2	25.8	38.6#
84	115.4	68.2	102.4#

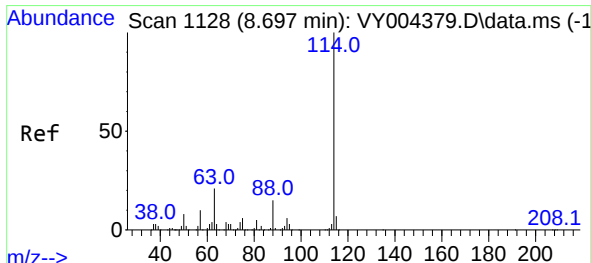
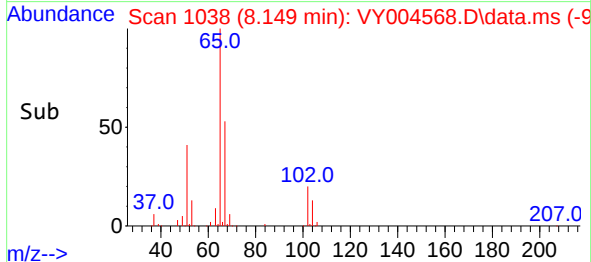
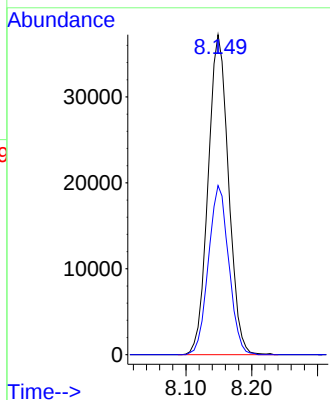
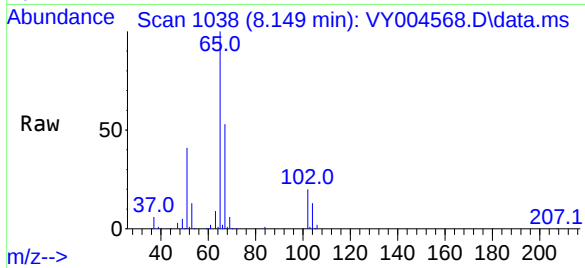




#33
1,2-Dichloroethane-d4
Concen: 59.58 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

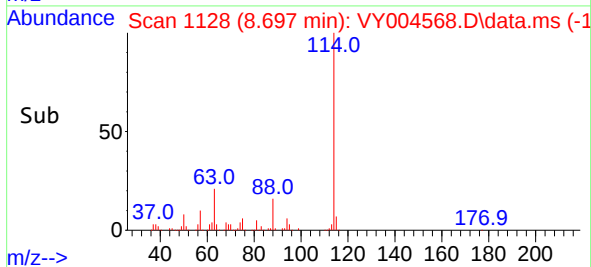
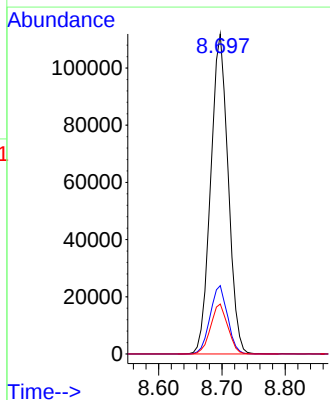
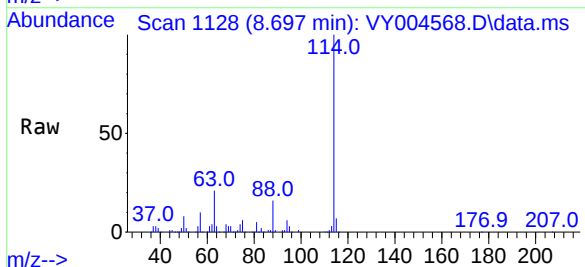
Instrument :
MSVOA_Y
ClientSampleId :

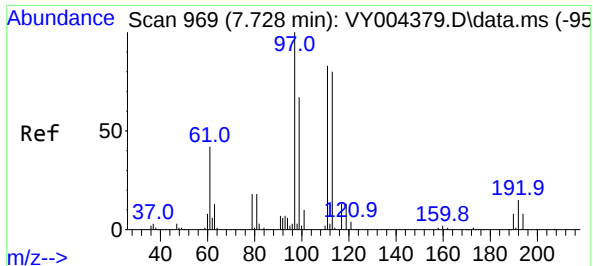
Tgt Ion: 65 Resp: 80427
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion:114 Resp: 214043
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.6 0.0 30.8



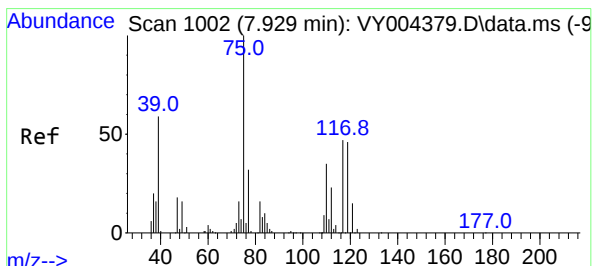
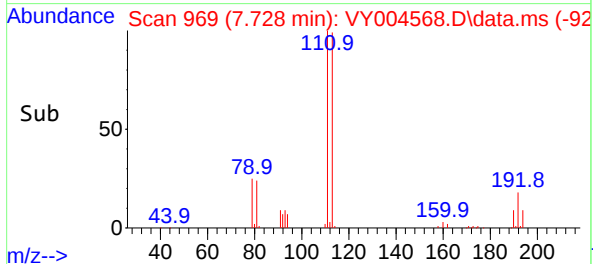
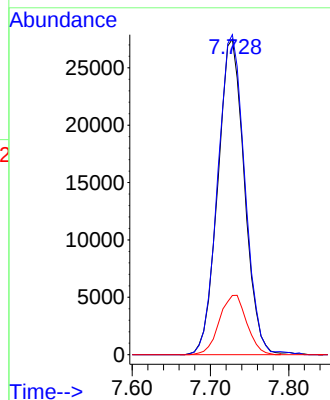
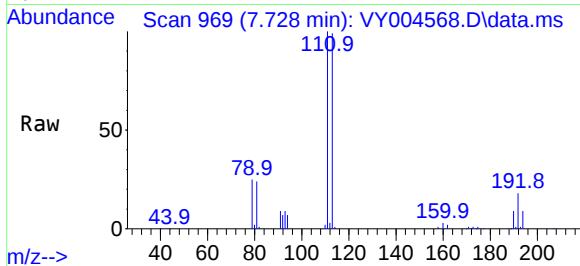


#35
Dibromofluoromethane
Concen: 54.50 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:113 Resp: 64742

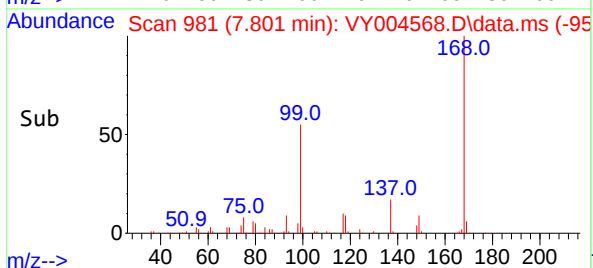
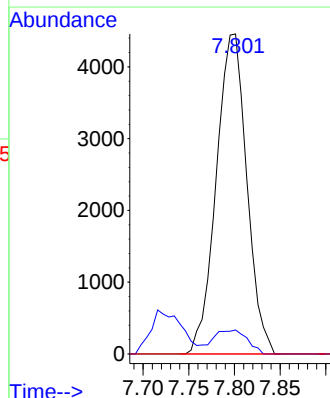
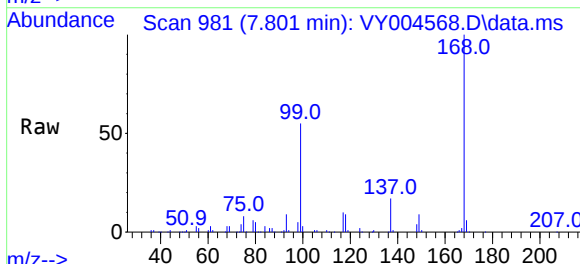
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.4	16.1	24.1

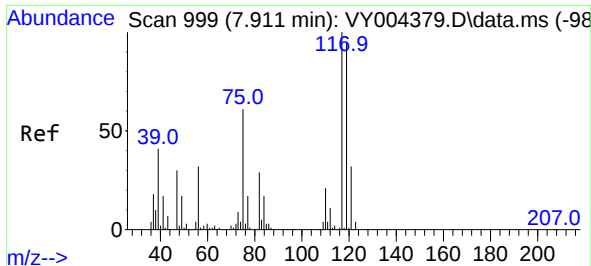


#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion: 75 Resp: 10374

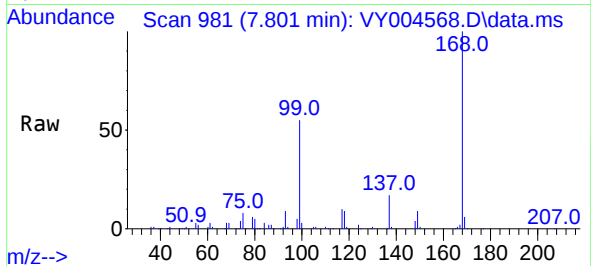
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.3	51.7#
77	0.0	24.3	36.5#



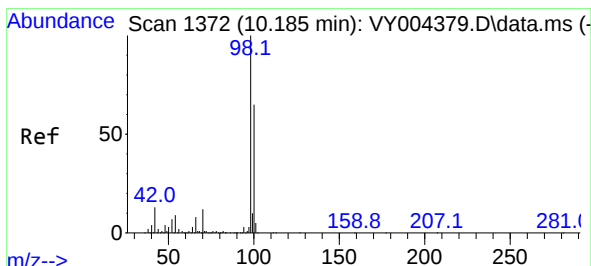
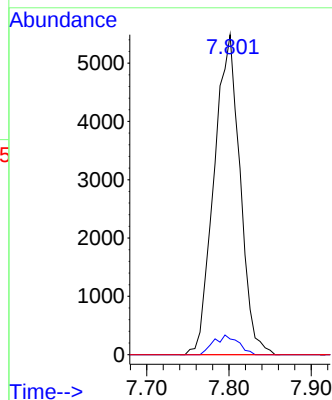
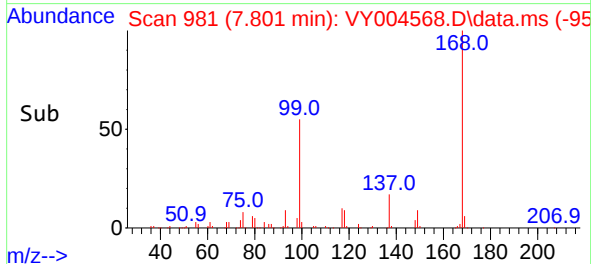


#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

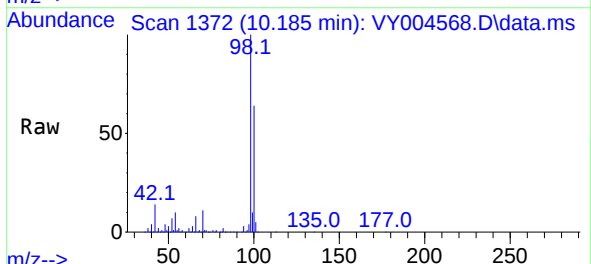
Instrument :
MSVOA_Y
ClientSampleId :



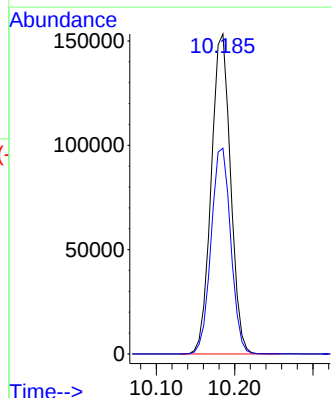
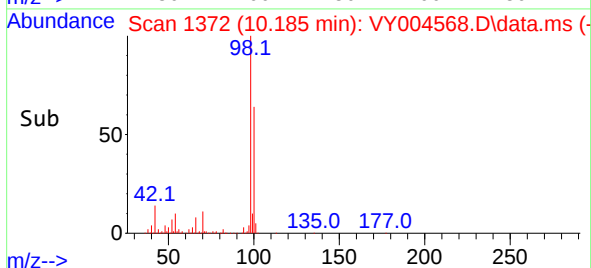
Tgt Ion:117 Resp: 12054
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 25.3 37.9#

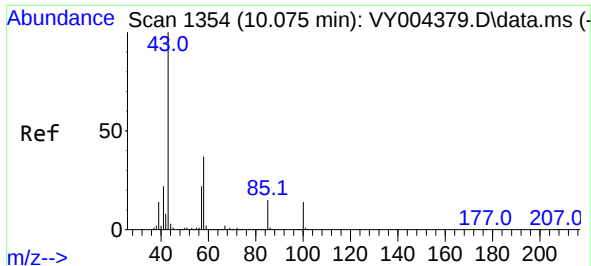


#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02



Tgt Ion: 98 Resp: 262959
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

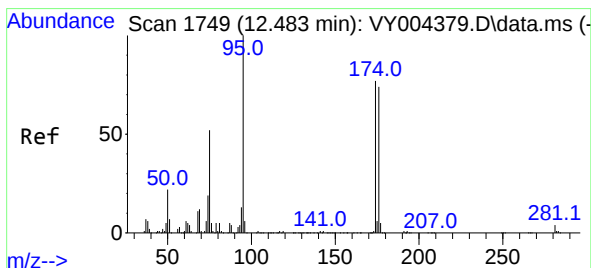
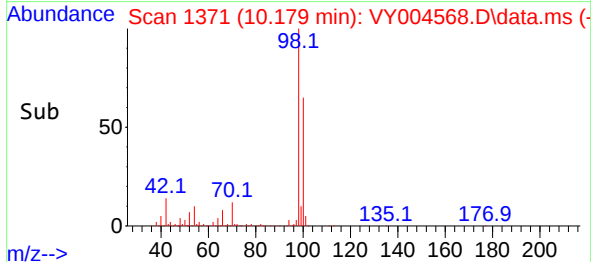
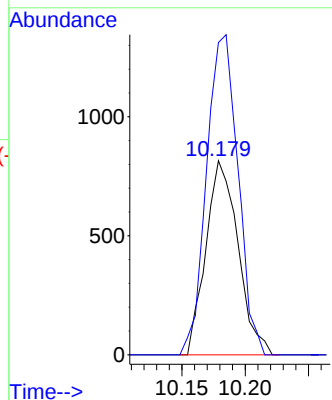
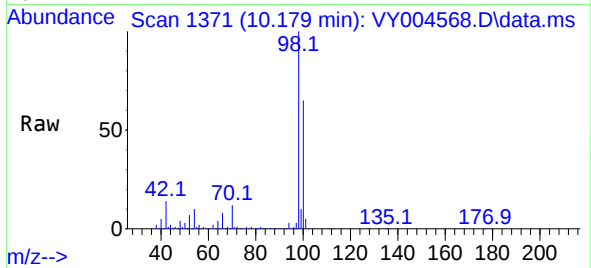




#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

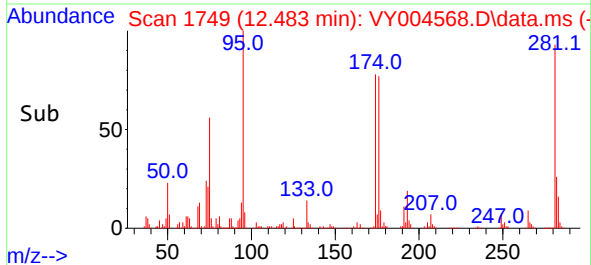
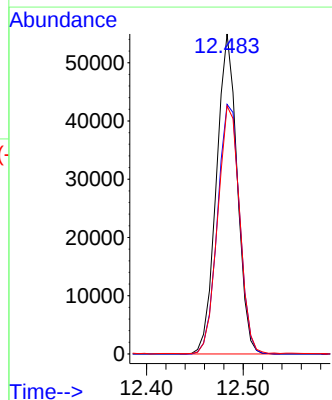
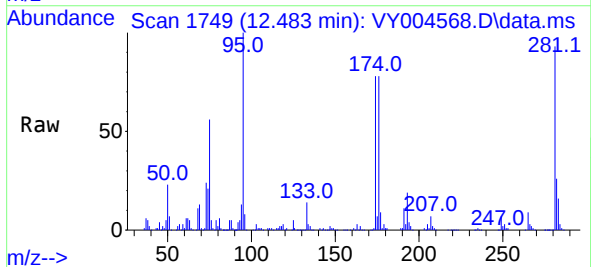
Instrument :
MSVOA_Y
ClientSampled :

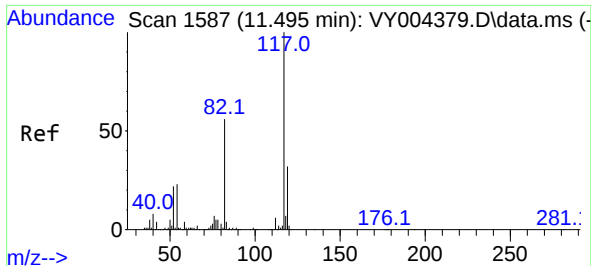
Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 161.2 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 47.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion: 95 Resp: 81715
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 81.4 0.0 156.0

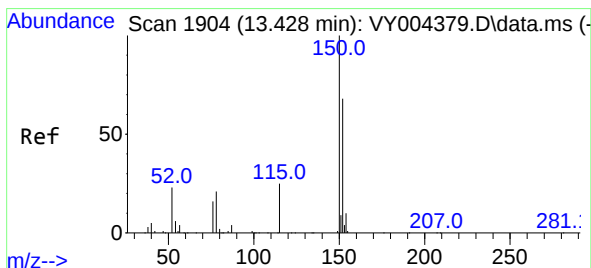
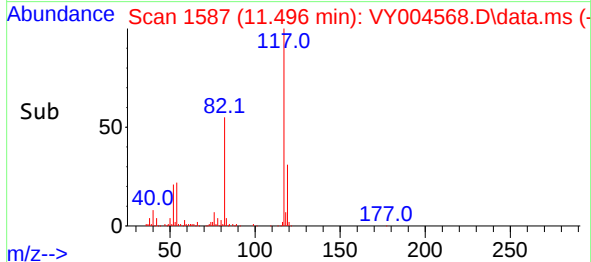
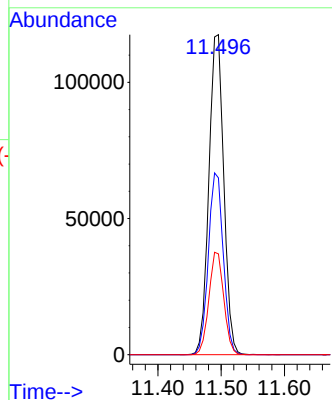
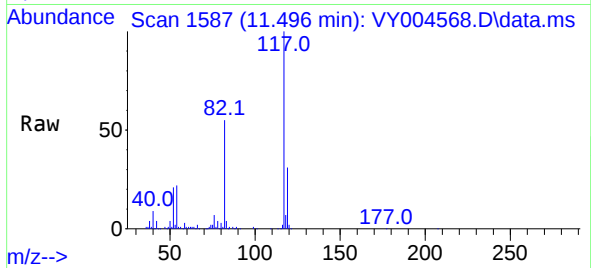




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

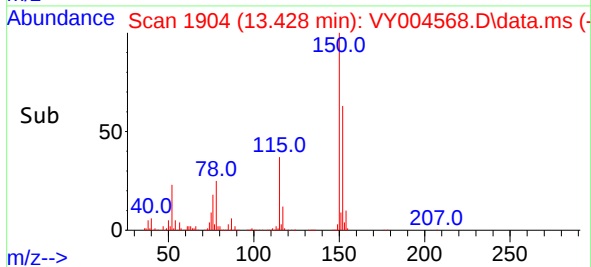
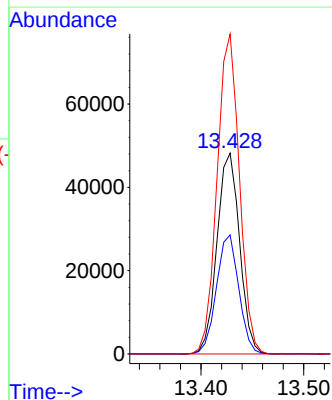
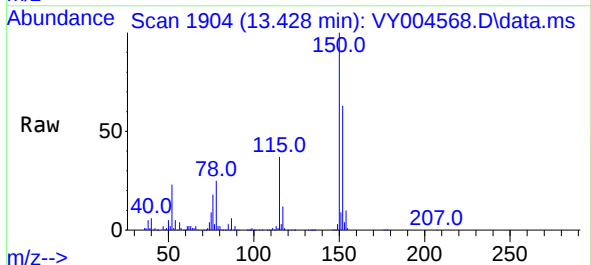
Instrument :
MSVOA_Y
ClientSampled :

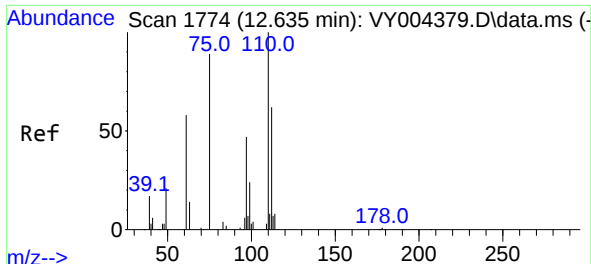
Tgt Ion:	117	Resp:	192961
Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	31.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion:	152	Resp:	73623
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	157.1	0.0	348.4

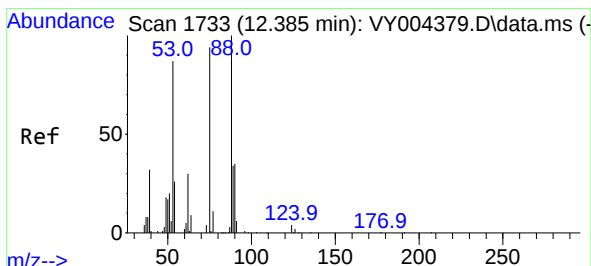
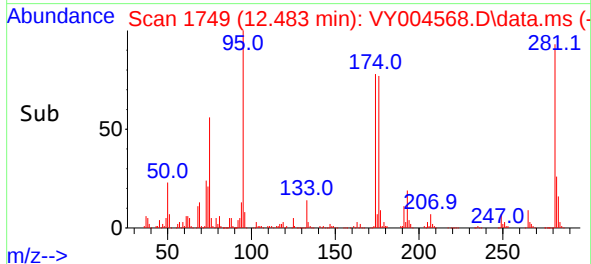
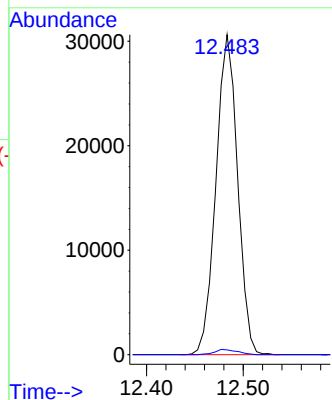
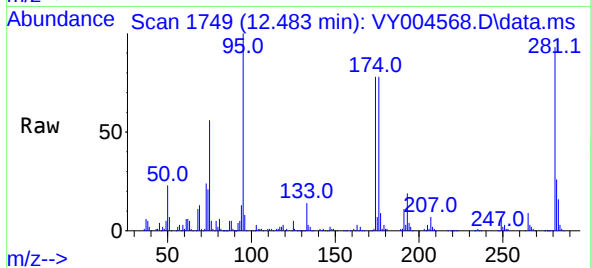




#76
1,2,3-Trichloropropane
Concen: 60.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 47551
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion: 75 Resp: 47551
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.2 36.1 54.1#

