

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004638.D
 Acq On : 26 Apr 2021 18:32
 Operator : SY/MD
 Sample : M2149-04RE
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:35:31 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)

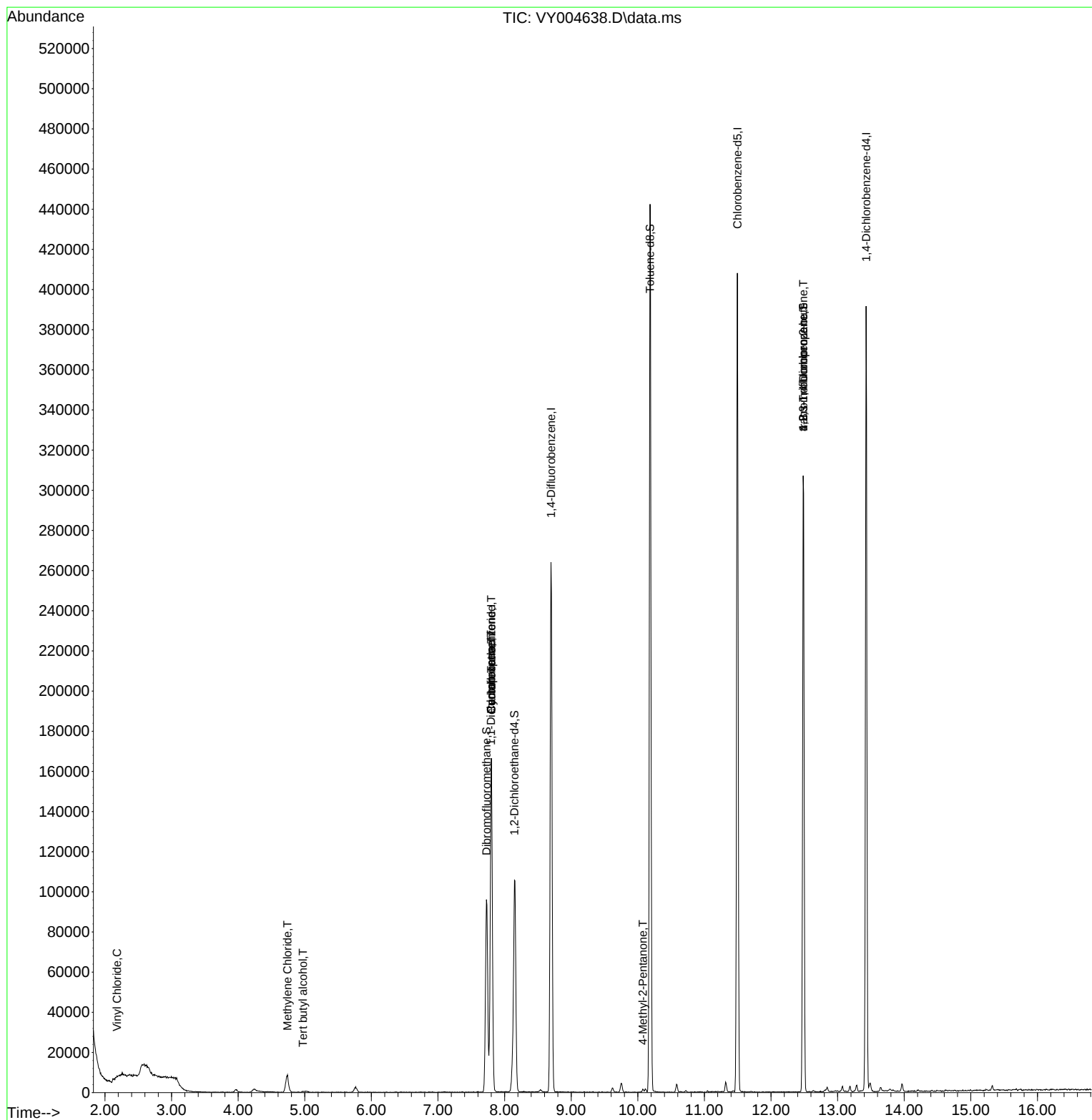
Internal Standards						
1) Pentafluorobenzene	7.801	168	122650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79503	58.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.68%
35) Dibromofluoromethane	7.728	113	66043	54.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.62%
50) Toluene-d8	10.185	98	271085	52.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.78%
62) 4-Bromofluorobenzene	12.483	95	89409	51.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.80%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.180	62	1818	1.05	ug/l #	43
11) Tert butyl alcohol	4.972	59	496	3.69	ug/l	97
16) Acetone	3.960	43	2587	Below	Cal	93
20) Methylene Chloride	4.741	84	5962	4.53	ug/l	98
31) Cyclohexane	7.801	56	2942	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10218	4.74	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12446	6.67	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1376	1.02	ug/l #	82
76) 1,2,3-Trichloropropane	12.483	75	49623	50.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49623	89.74	ug/l #	12

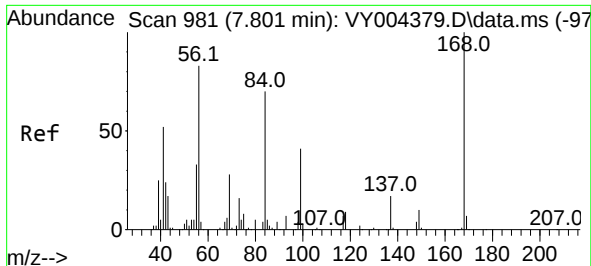
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

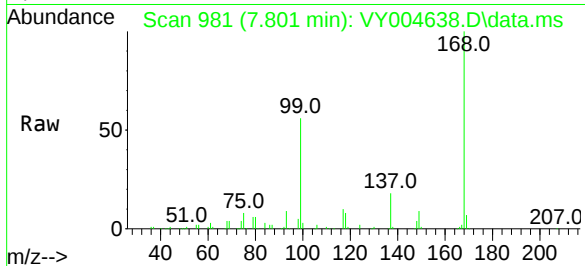
Quant Time: Apr 27 09:35:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



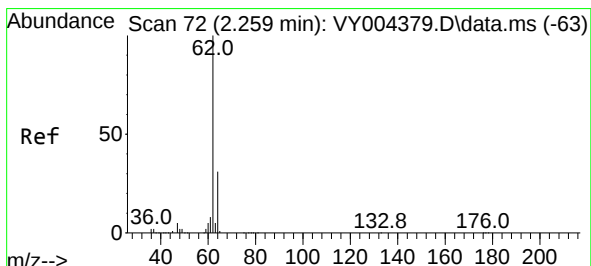
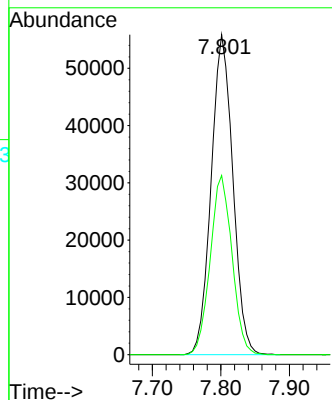
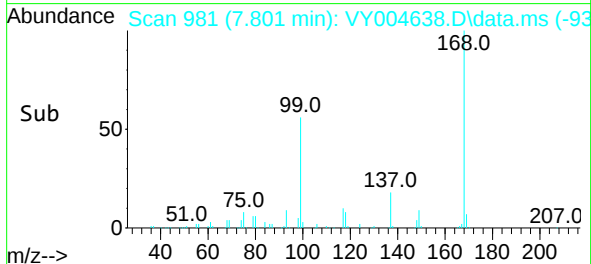


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

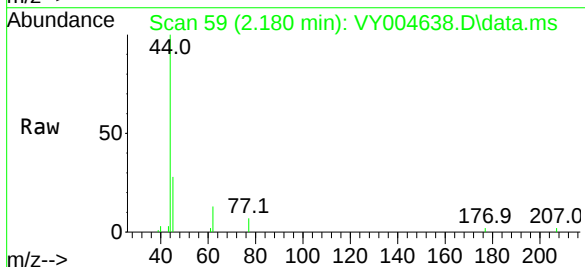
Instrument :
MSVOA_Y
ClientSampleId :



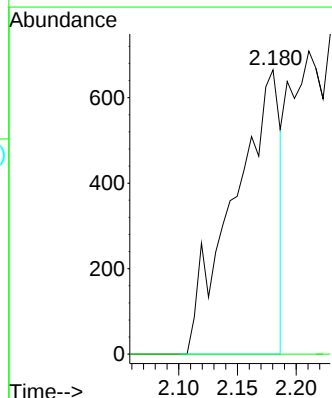
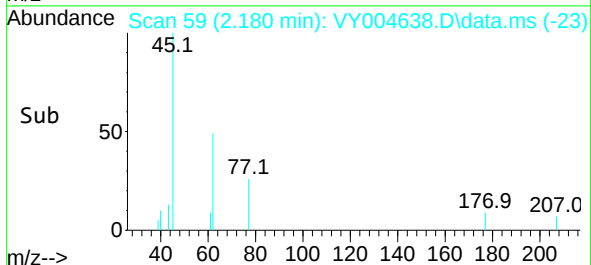
Tgt Ion:168 Resp: 122650
Ion Ratio Lower Upper
168 100
99 56.0 45.5 68.3

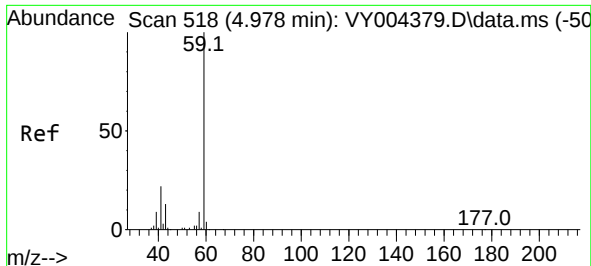


#4
Vinyl Chloride
Concen: 1.05 ug/l
RT: 2.180 min Scan# 59
Delta R.T. -0.079 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32



Tgt Ion: 62 Resp: 1818
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

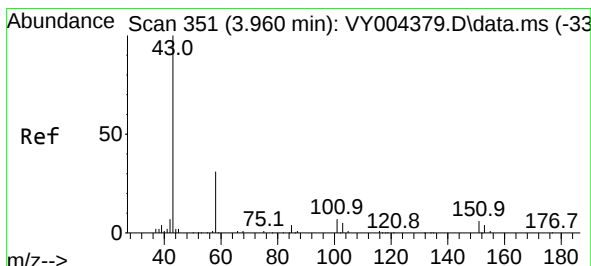
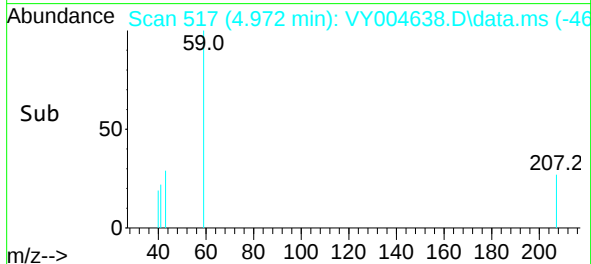
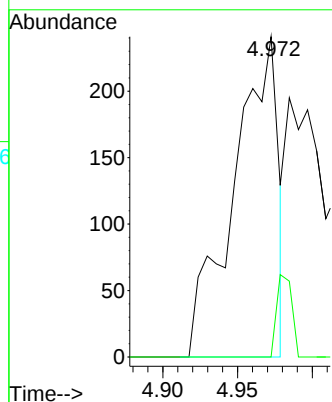
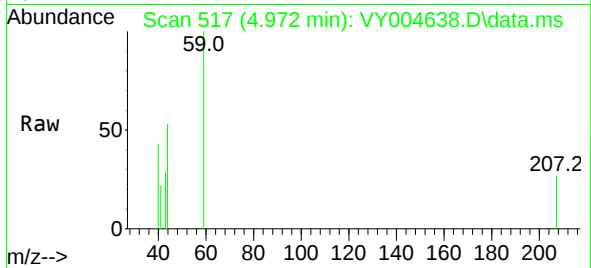




#11
Tert butyl alcohol
Concen: 3.69 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

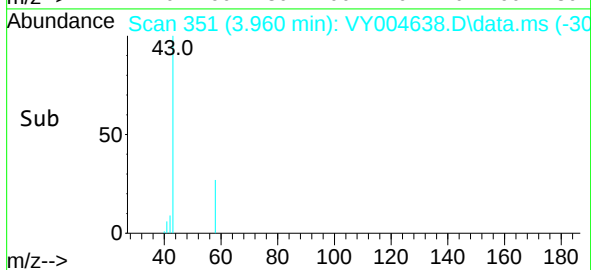
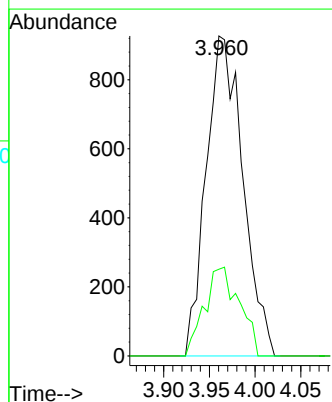
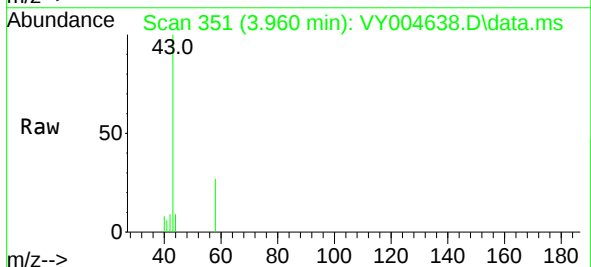
Instrument :
MSVOA_Y
ClientSampled :

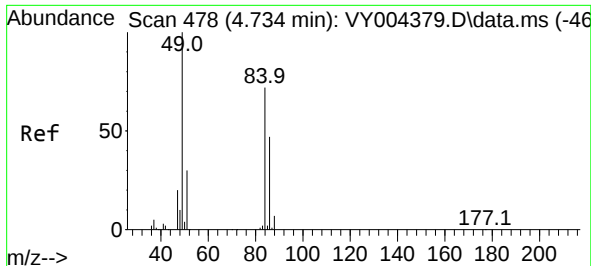
Tgt Ion: 59 Resp: 496
Ion Ratio Lower Upper
59 100
57 8.9 8.1 12.1



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

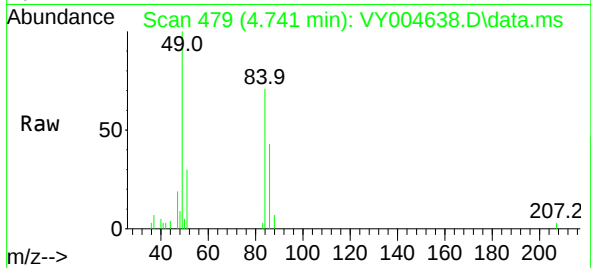
Tgt Ion: 43 Resp: 2587
Ion Ratio Lower Upper
43 100
58 27.1 24.6 37.0



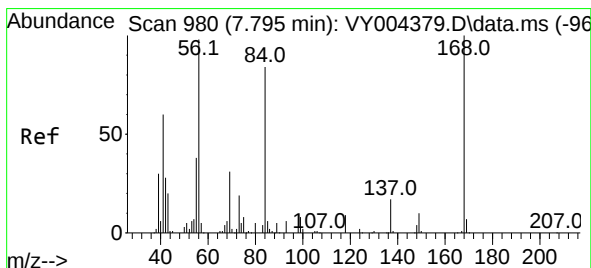
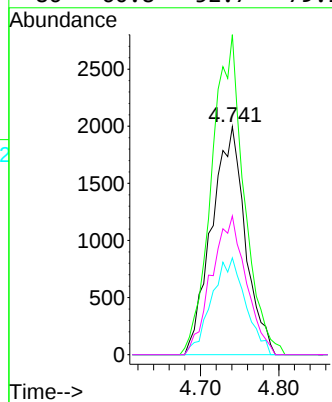
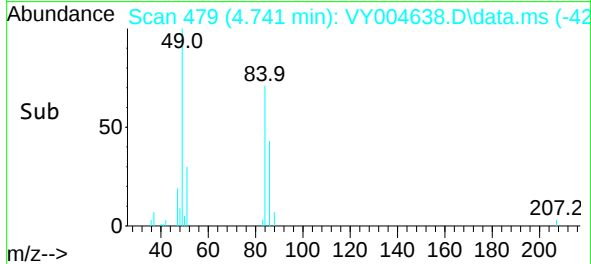


#20
Methylene Chloride
Concen: 4.53 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

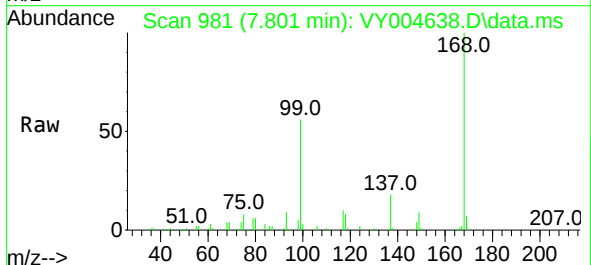
Instrument :
MSVOA_Y
ClientSampled :



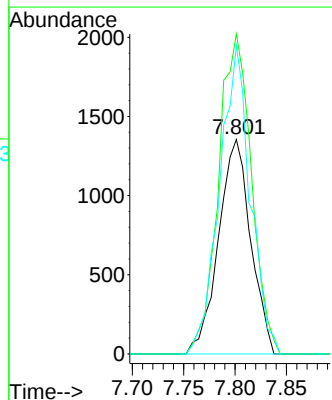
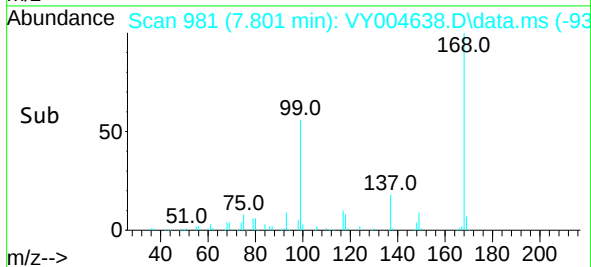
Tgt Ion:	84	Resp:	5962
Ion	Ratio	Lower	Upper
84	100		
49	140.3	111.2	166.8
51	42.5	33.4	50.2
86	60.8	52.7	79.1

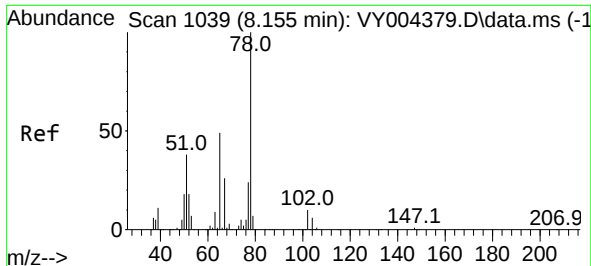


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32



Tgt Ion:	56	Resp:	2942
Ion	Ratio	Lower	Upper
56	100		
69	149.2	25.8	38.6#
84	143.6	68.2	102.4#

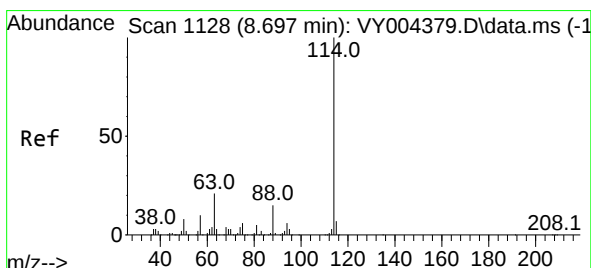
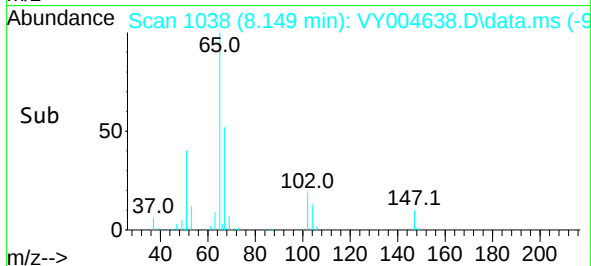
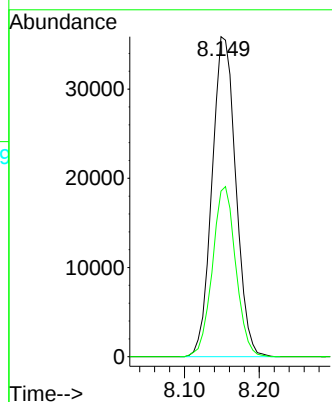
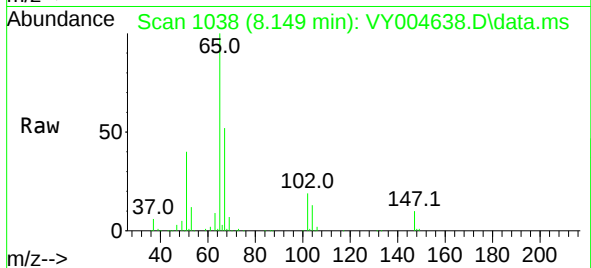




#33
1,2-Dichloroethane-d4
Concen: 58.34 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

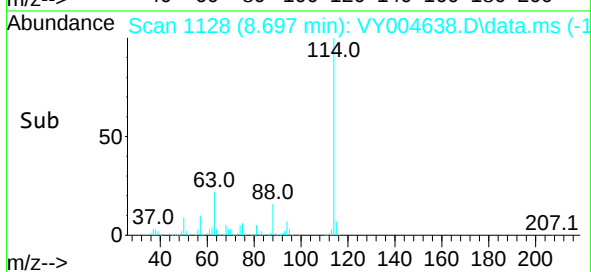
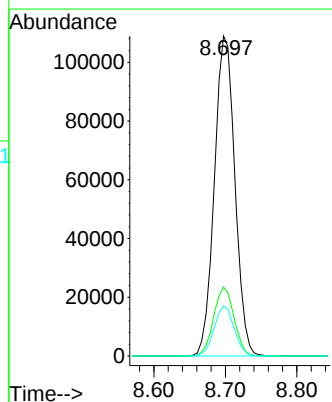
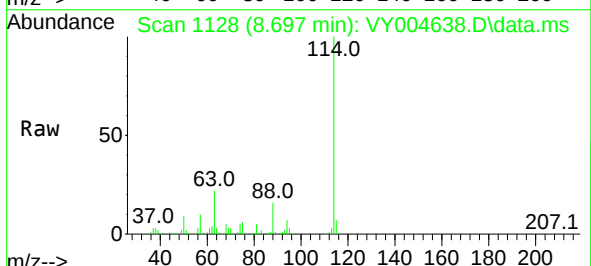
Instrument :
MSVOA_Y
ClientSampleId :

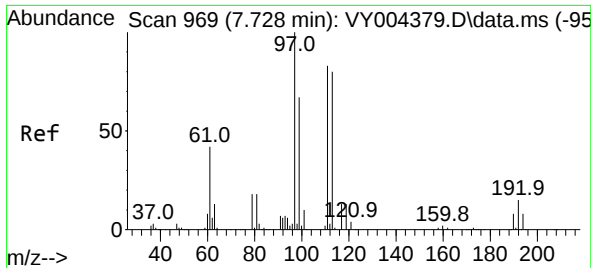
Tgt Ion: 65 Resp: 79503
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

Tgt Ion: 114 Resp: 217140
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.6 0.0 30.8

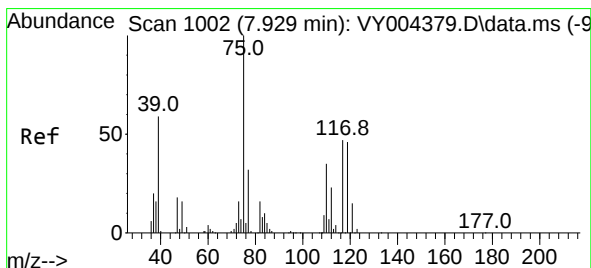
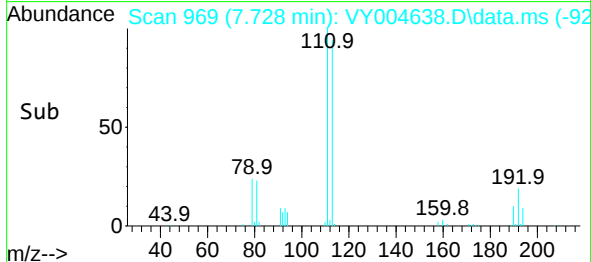
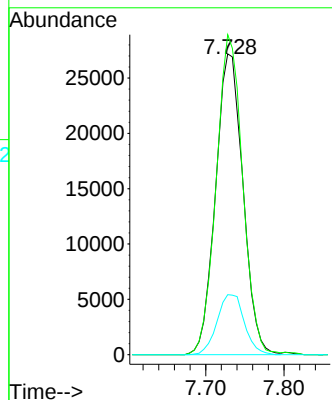
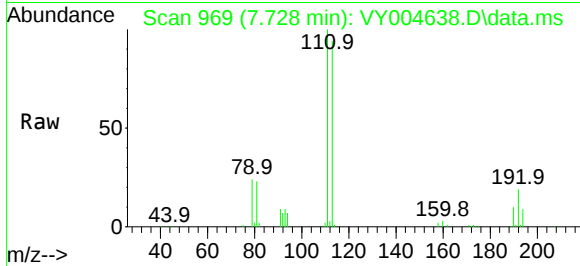




#35
Dibromofluoromethane
Concen: 54.81 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

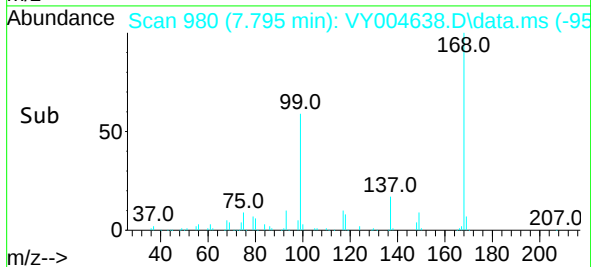
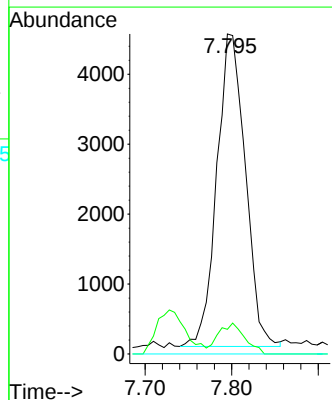
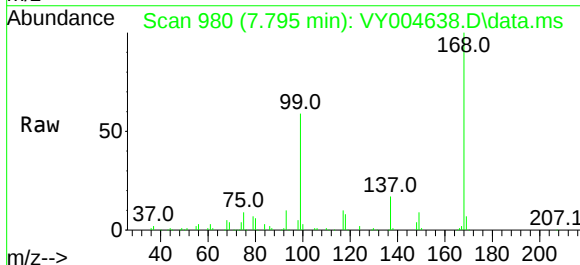
Instrument :
MSVOA_Y
ClientSampleId :

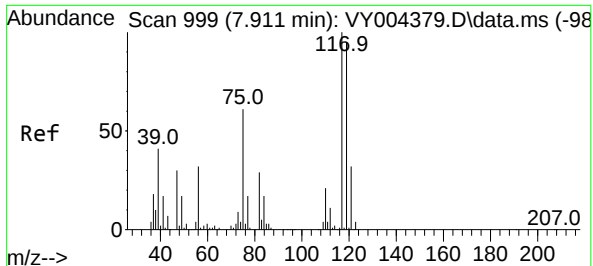
Tgt Ion:	113	Resp:	66043
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

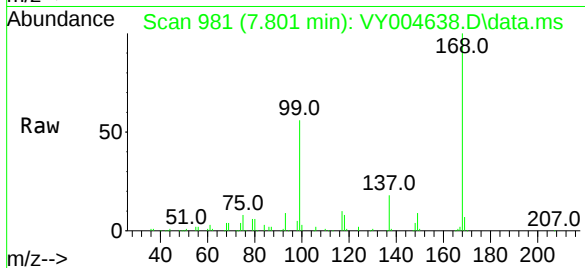
Tgt Ion:	75	Resp:	10218
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.3	51.7#
77	0.0	24.3	36.5#



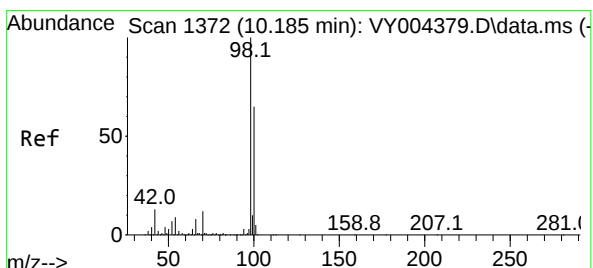
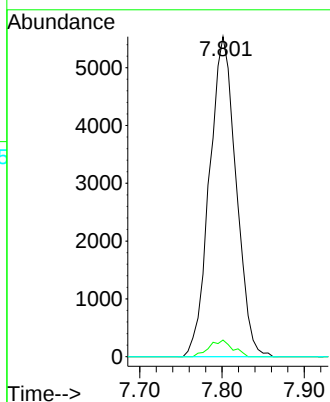
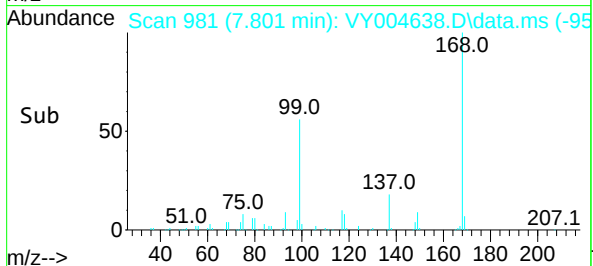


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

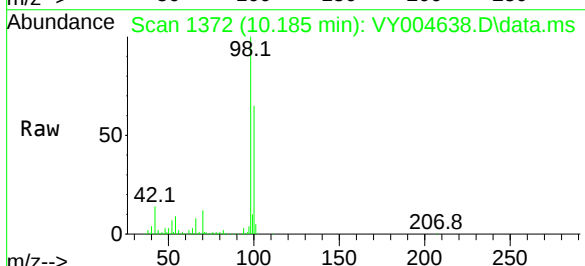
Instrument :
MSVOA_Y
ClientSampleId :



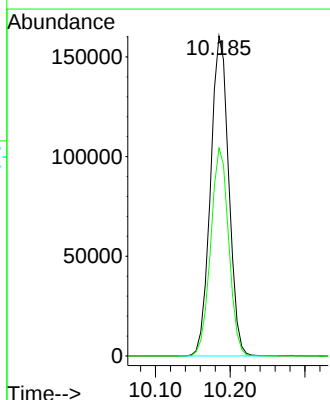
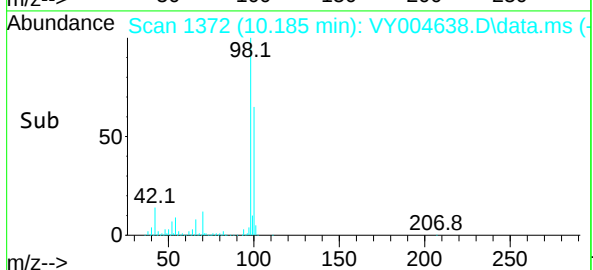
Tgt Ion:117 Resp: 12446
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.3 37.9#

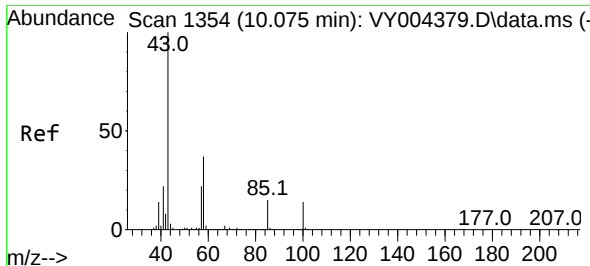


#50
Toluene-d8
Concen: 52.89 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32



Tgt Ion: 98 Resp: 271085
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

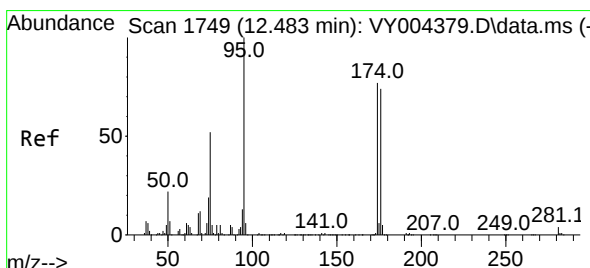
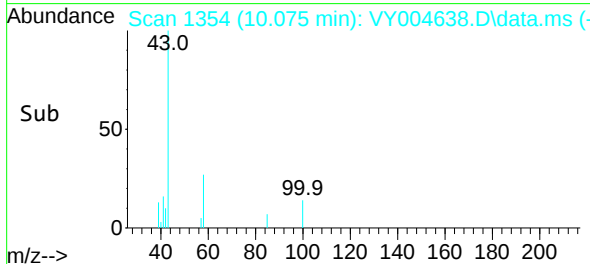
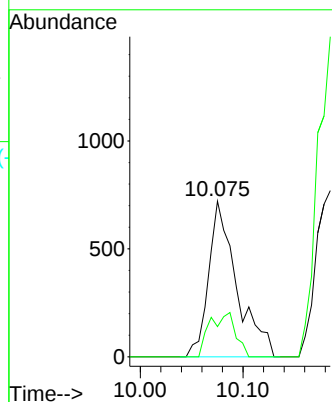
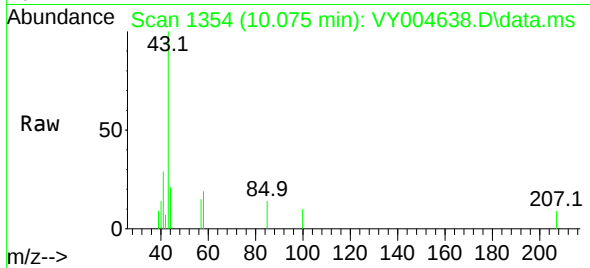




#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

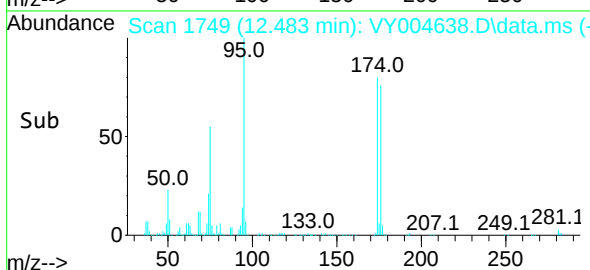
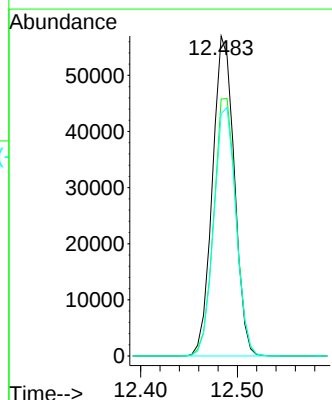
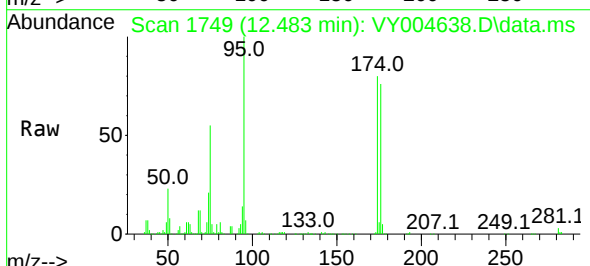
Instrument :
MSVOA_Y
ClientSampled :

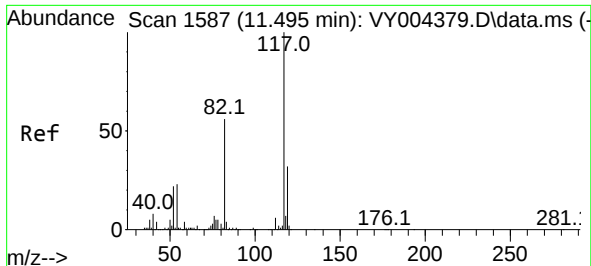
Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 25.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

Tgt Ion: 95 Resp: 89409
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 78.8 0.0 156.0

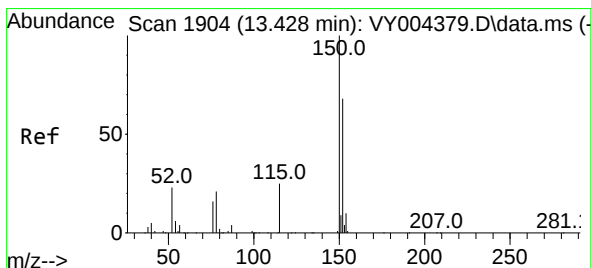
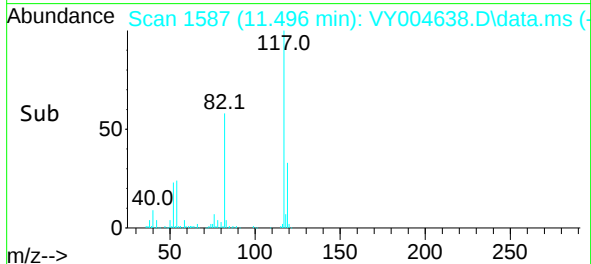
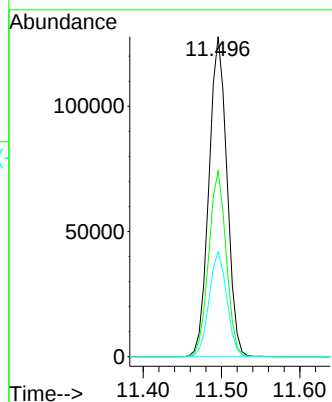
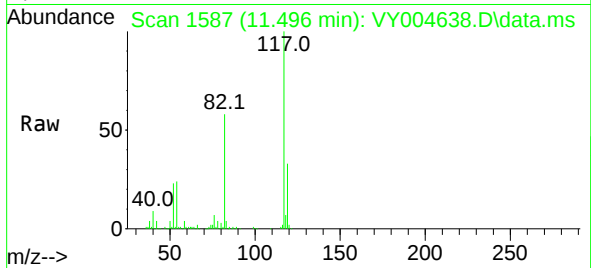




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

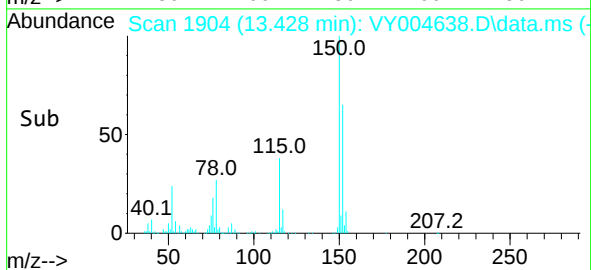
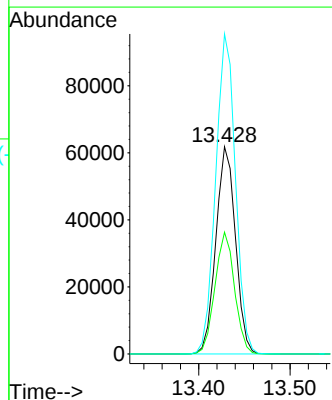
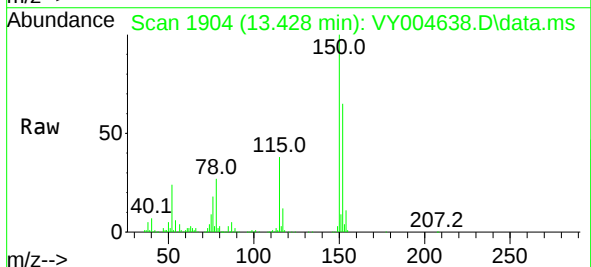
Instrument :
MSVOA_Y
ClientSampled :

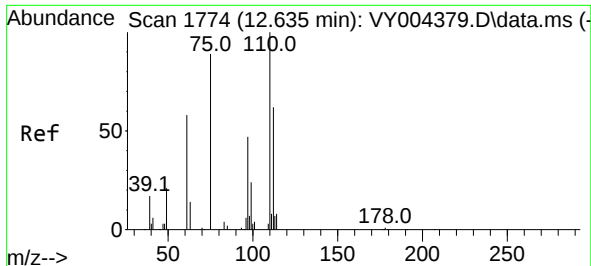
Tgt Ion:117 Resp: 203799
Ion Ratio Lower Upper
117 100
82 58.0 44.9 67.3
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

Tgt Ion:152 Resp: 92167
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.8
150 155.9 0.0 348.4

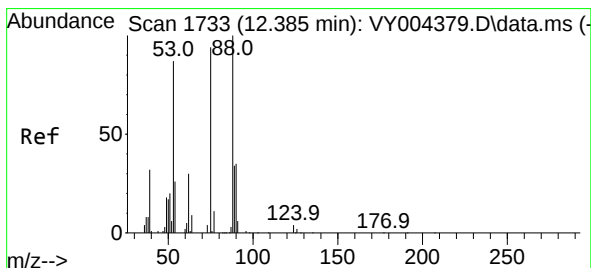
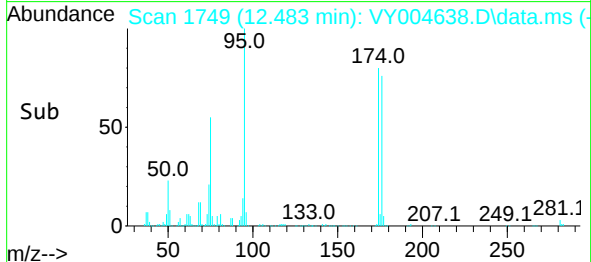
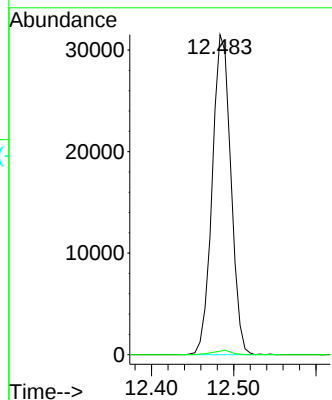
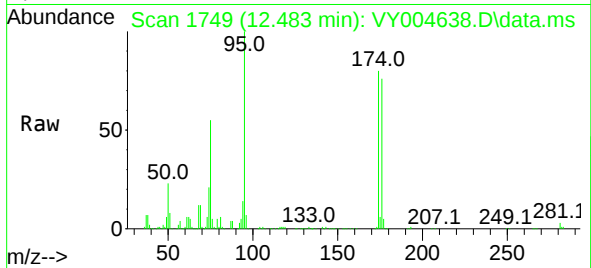




#76
1,2,3-Trichloropropane
Concen: 50.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49623
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004638.D
Acq: 26 Apr 2021 18:32

Tgt Ion: 75 Resp: 49623
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

