

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004490.D
 Acq On : 19 Apr 2021 12:09
 Operator : SY/MD
 Sample : M2051-05RE
 Misc : 5.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124055

Quant Time: Apr 20 01:46:41 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)

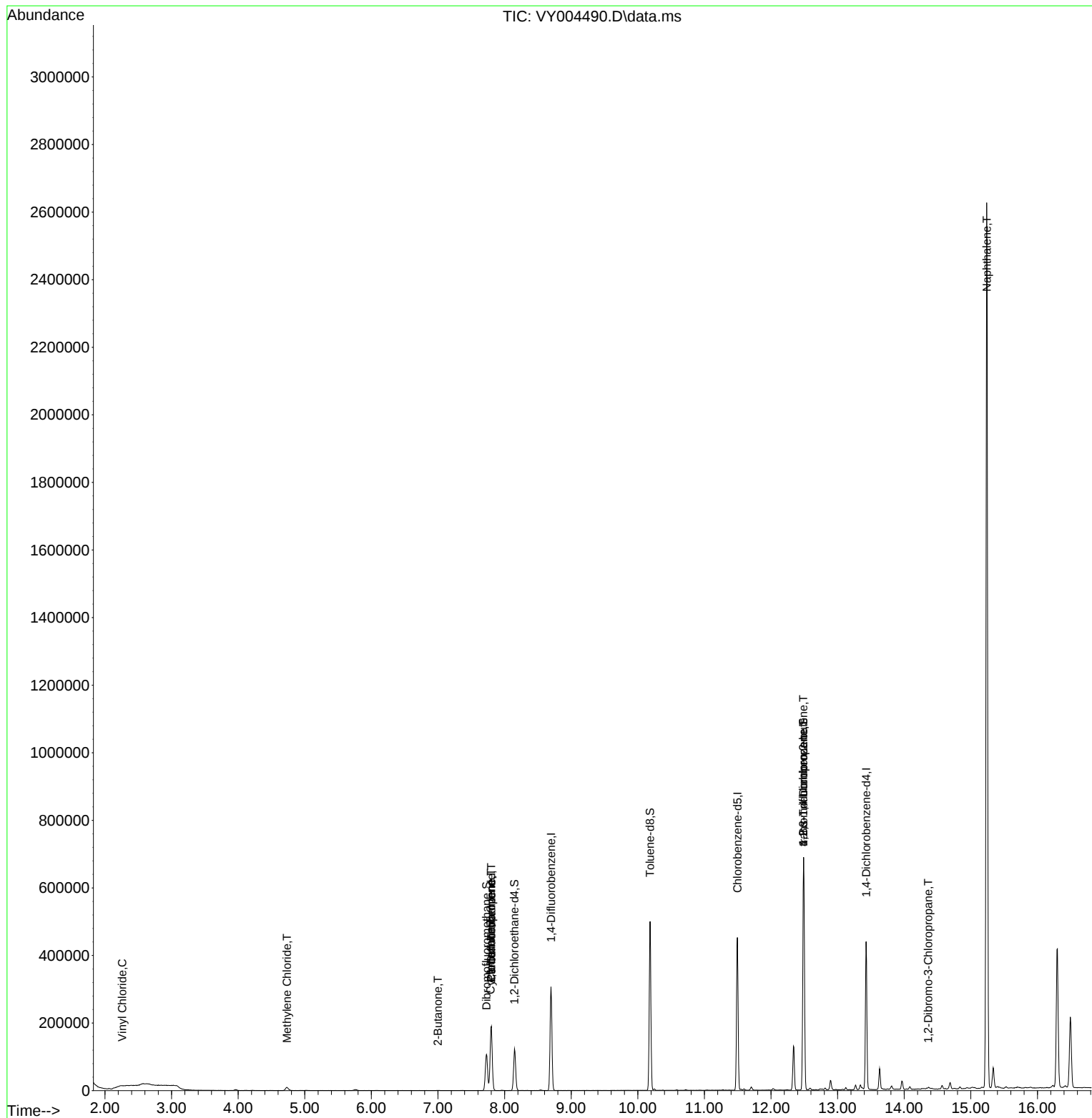
Internal Standards						
1) Pentafluorobenzene	7.801	168	145907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91830	56.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.30%			
35) Dibromofluoromethane	7.728	113	76079	54.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.16%			
50) Toluene-d8	10.185	98	306968	51.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.54%			
62) 4-Bromofluorobenzene	12.483	95	106741	53.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.10%			
Target Compounds						
4) Vinyl Chloride	2.259	62	8656	4.19	ug/l #	43
16) Acetone	3.960	43	4369	Below Cal		100
20) Methylene Chloride	4.735	84	6311	4.03	ug/l	87
25) 2-Butanone	6.996	43	780	1.26	ug/l	98
31) Cyclohexane	7.789	56	3373	1.13	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	11897	4.77	ug/l #	50
38) Carbon Tetrachloride	7.801	117	14139	6.55	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	61584	55.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61584	98.46	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.361	75	359	1.31	ug/l #	2
95) Naphthalene	15.239	128	2007751	466.59	ug/l	100

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

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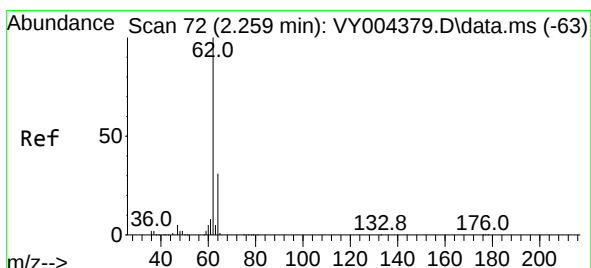
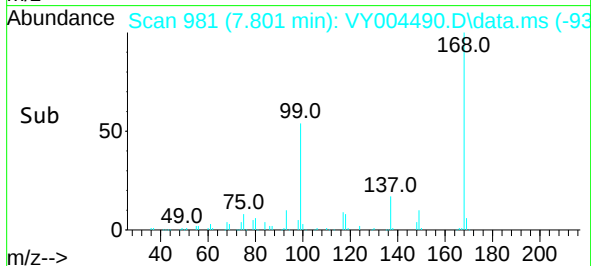
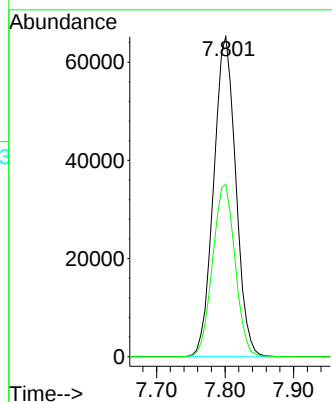
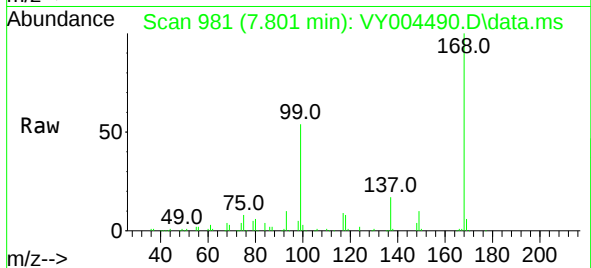




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

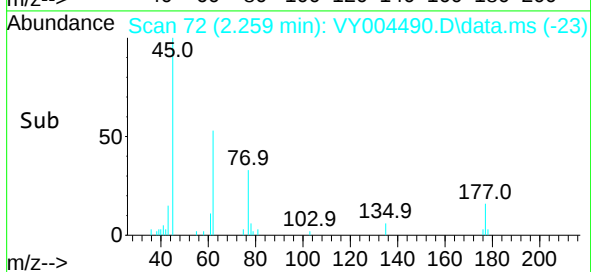
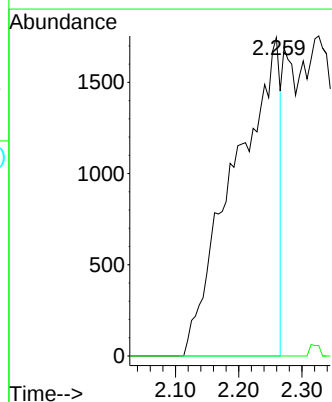
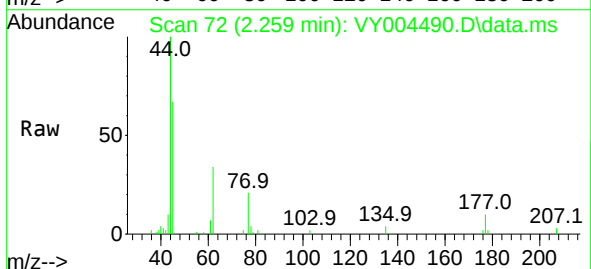
Instrument :
MSVOA_Y
ClientSampleId :
0124055

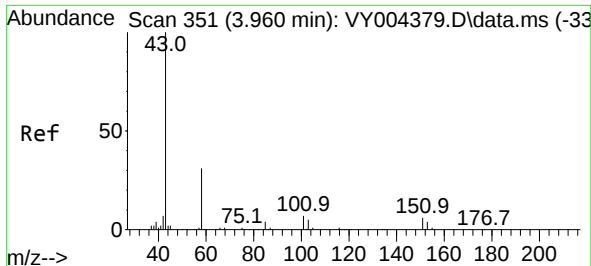
Tgt Ion:168 Resp: 145907
Ion Ratio Lower Upper
168 100
99 53.9 45.5 68.3



#4
Vinyl Chloride
Concen: 4.19 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 62 Resp: 8656
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

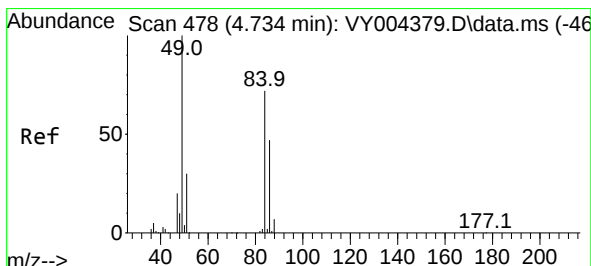
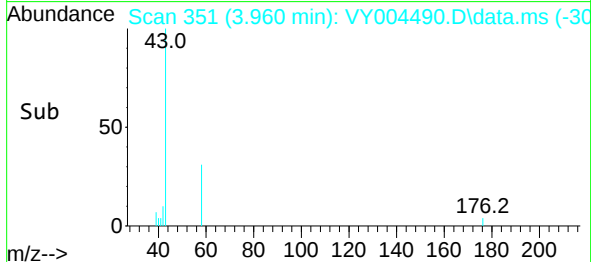
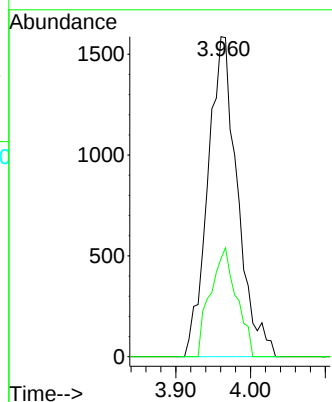
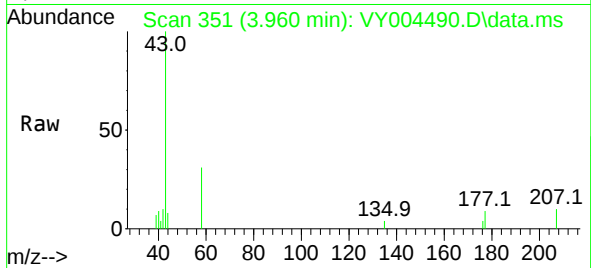




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

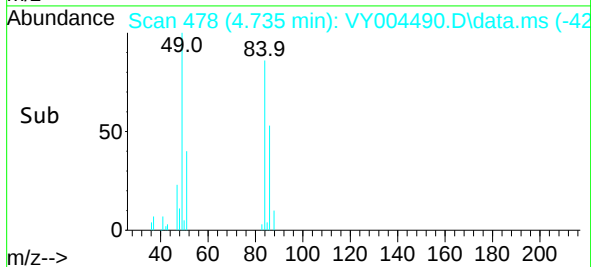
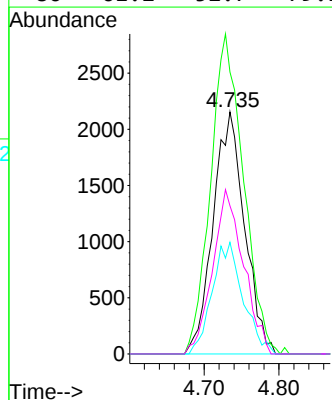
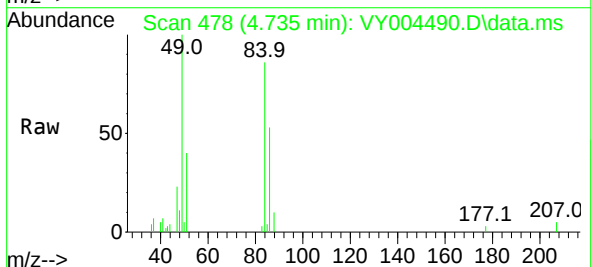
Instrument :
MSVOA_Y
ClientSampleId :
0124055

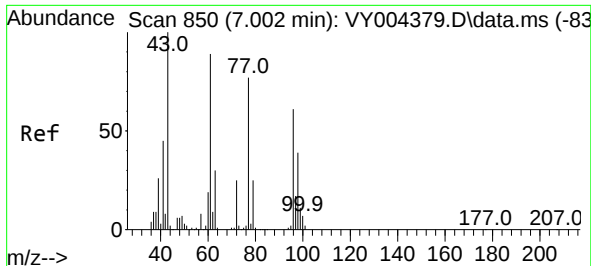
Tgt Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
58 30.6 24.6 37.0



#20
Methylene Chloride
Concen: 4.03 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 84 Resp: 6311
Ion Ratio Lower Upper
84 100
49 116.5 111.2 166.8
51 46.1 33.4 50.2
86 61.2 52.7 79.1

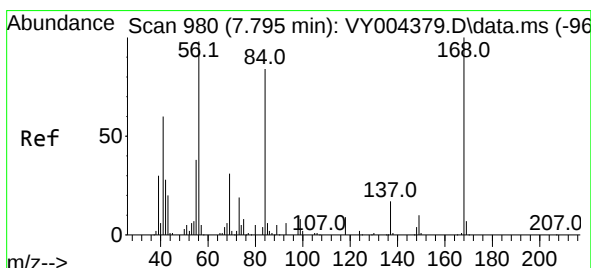
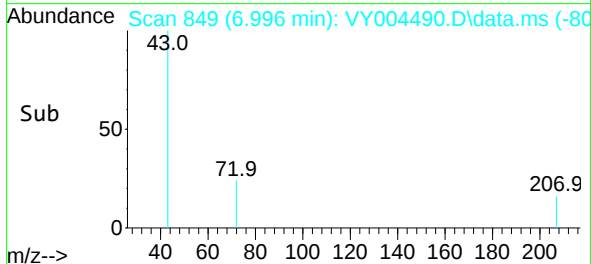
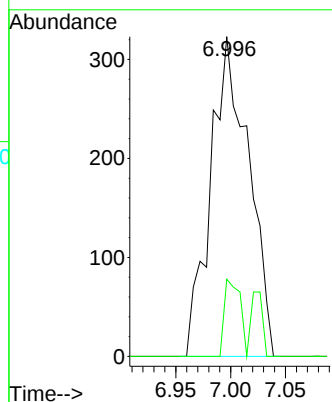
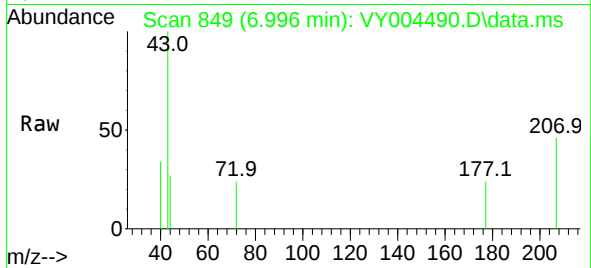




#25
2-Butanone
Concen: 1.26 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

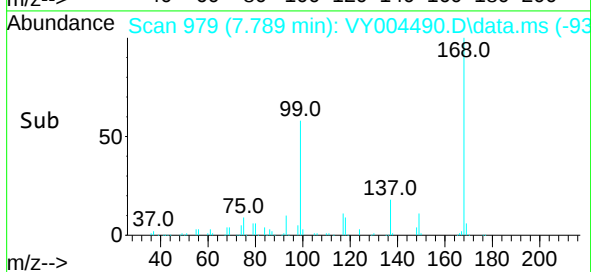
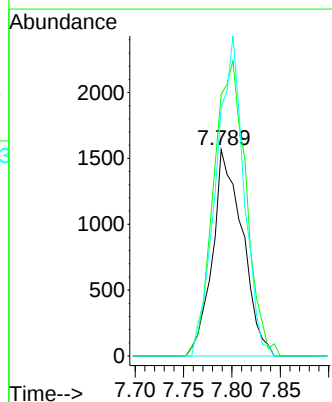
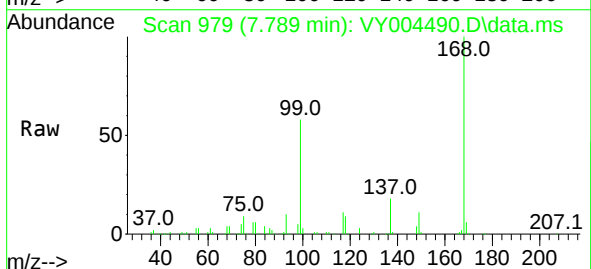
Instrument :
MSVOA_Y
ClientSampleId :
0124055

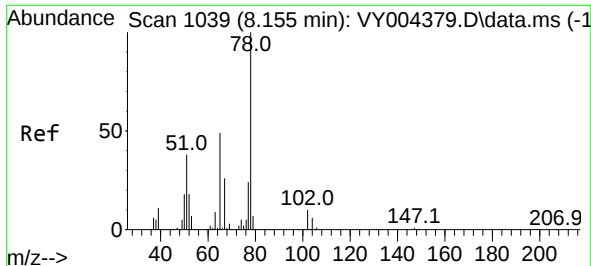
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
72 24.1 20.2 30.2



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 56 Resp: 3373
Ion Ratio Lower Upper
56 100
69 126.8 25.8 38.6#
84 124.2 68.2 102.4#

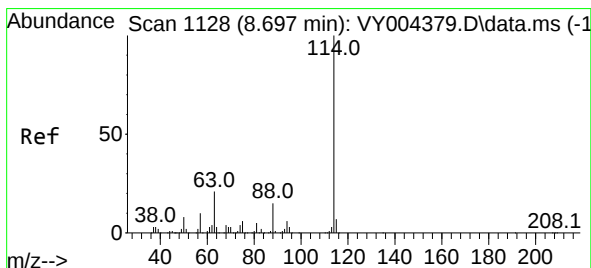
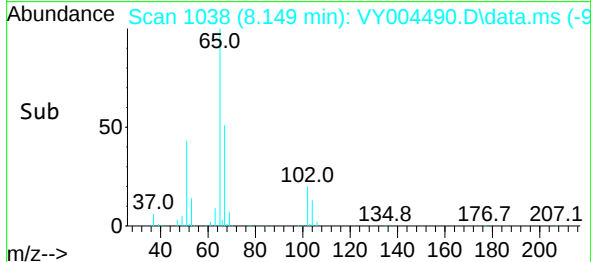
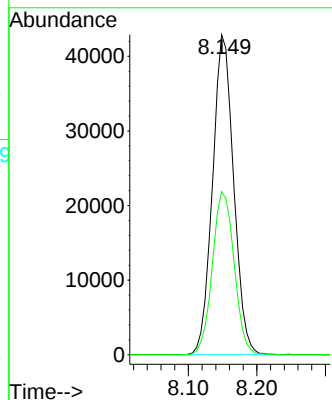
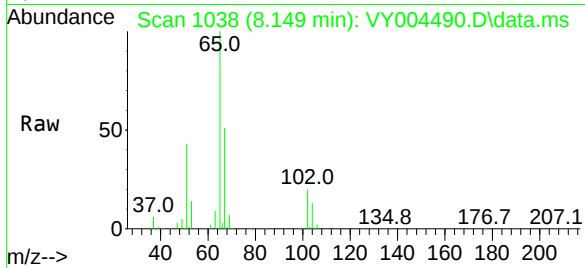




#33
1,2-Dichloroethane-d4
Concen: 56.65 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

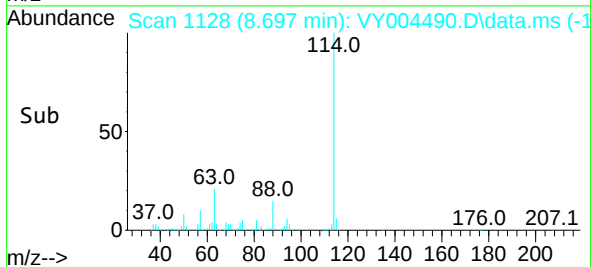
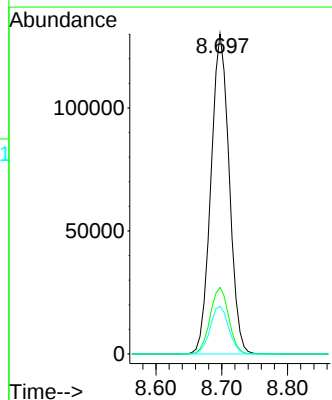
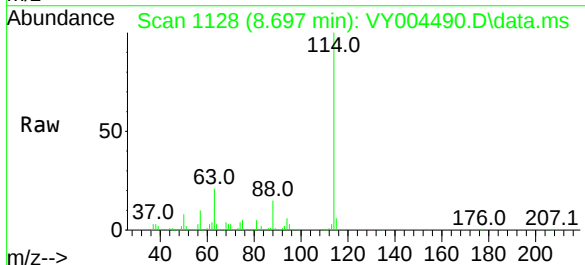
Instrument :
MSVOA_Y
ClientSampleId :
0124055

Tgt Ion: 65 Resp: 91830
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: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion:114 Resp: 251174
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.9 0.0 30.8

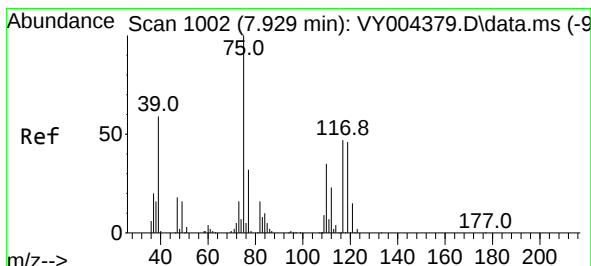
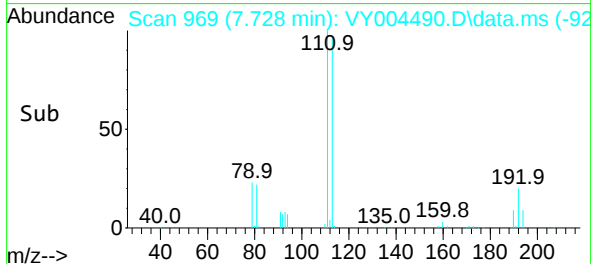
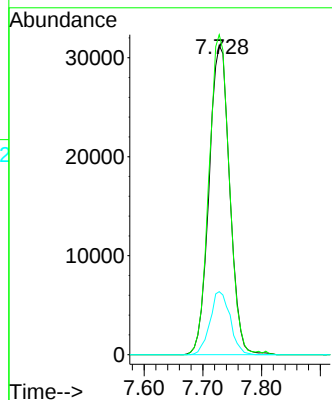
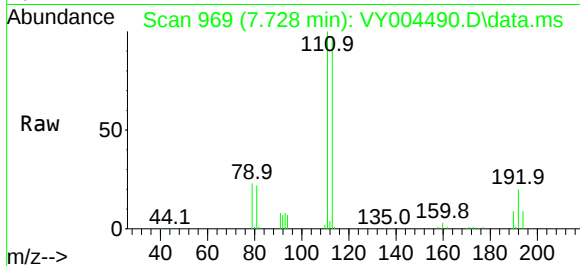




#35
Dibromofluoromethane
Concen: 54.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

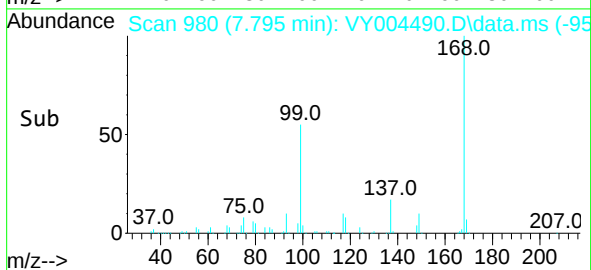
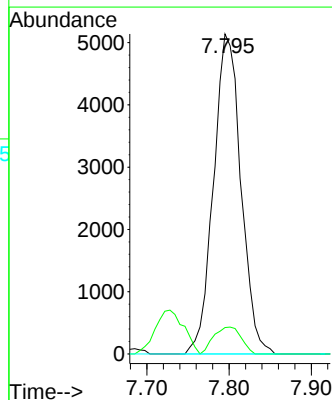
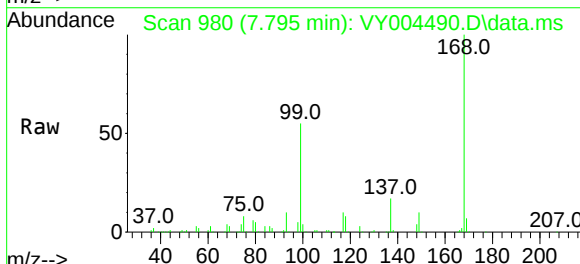
Instrument :
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ClientSampleId :
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Tgt Ion:	113	Resp:	76079
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

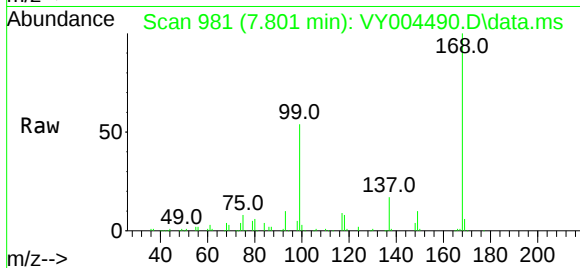
Tgt Ion:	75	Resp:	11897
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.7#
77	0.0	24.3	36.5#



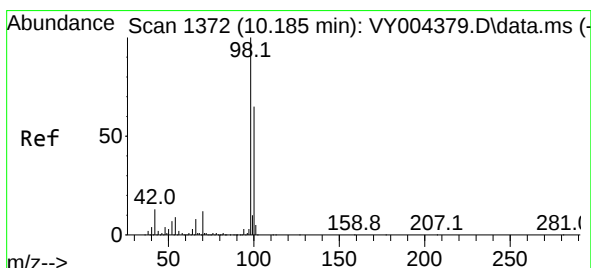
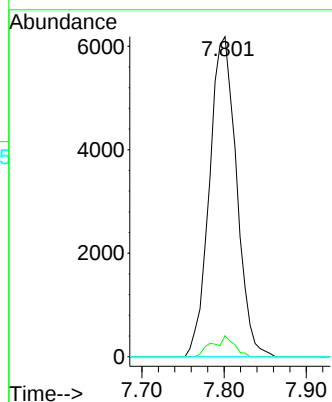
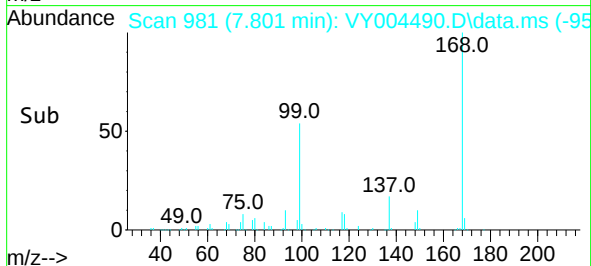


#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

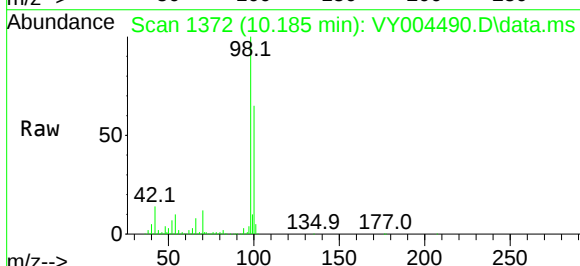
Instrument :
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ClientSampleId :
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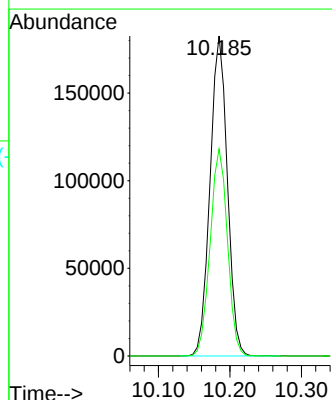
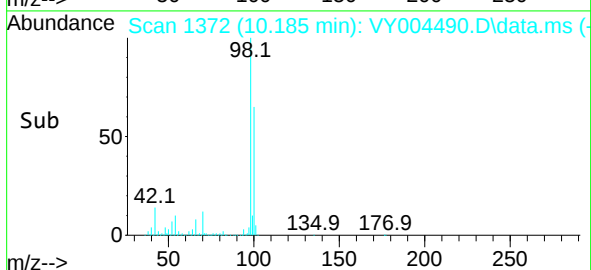
Tgt Ion:117 Resp: 14139
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 25.3 37.9#

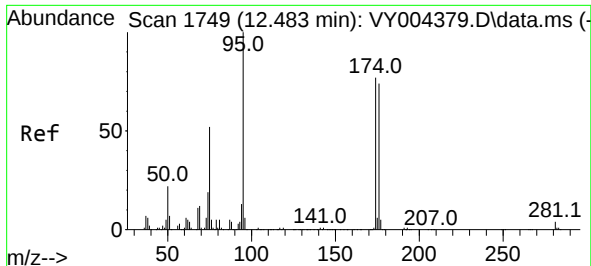


#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09



Tgt Ion: 98 Resp: 306968
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

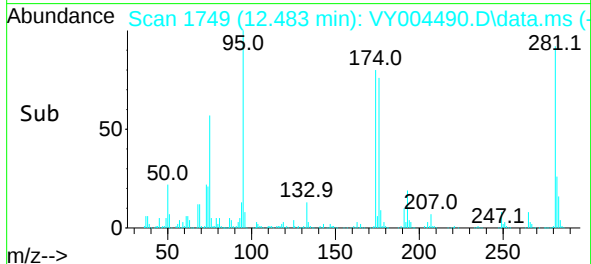
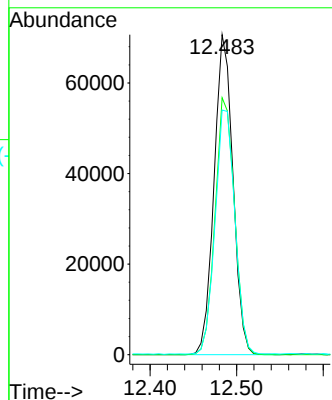
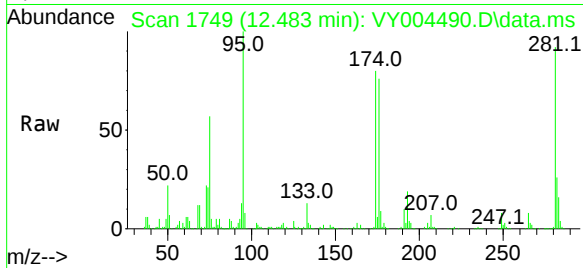




#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

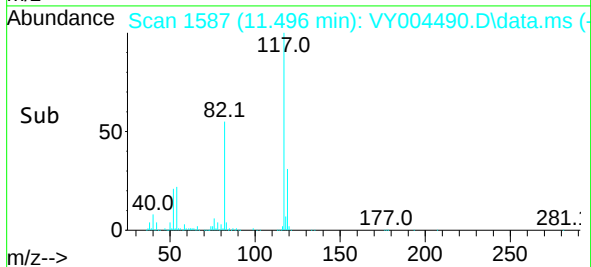
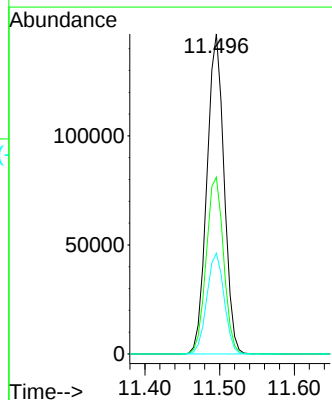
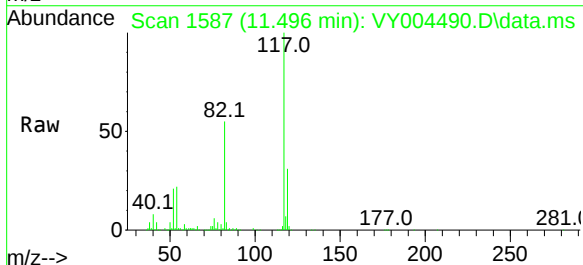
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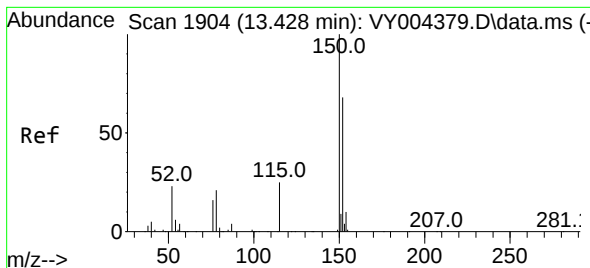
Tgt Ion: 95 Resp: 106741
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.4
176 80.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 117 Resp: 233437
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 31.5 25.4 38.0

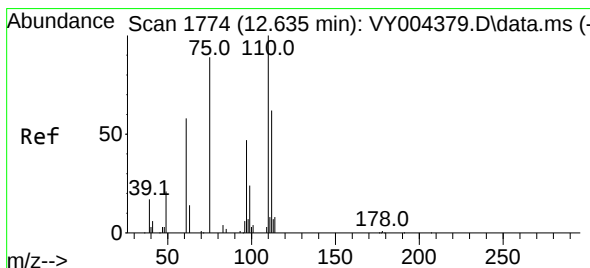
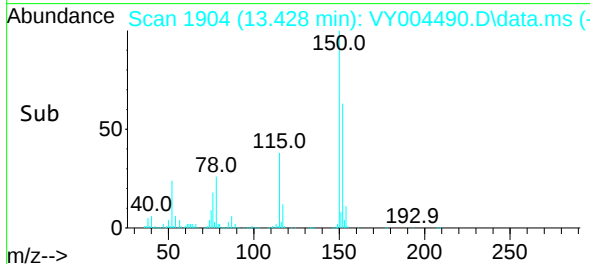
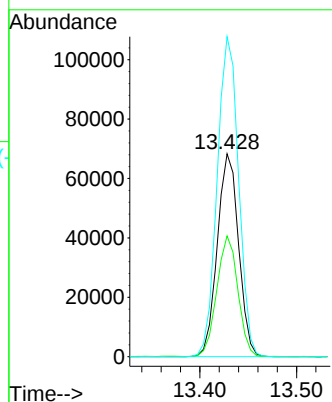
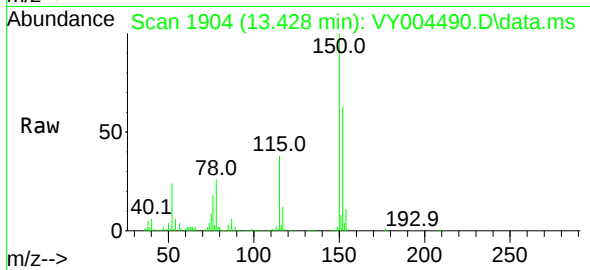




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

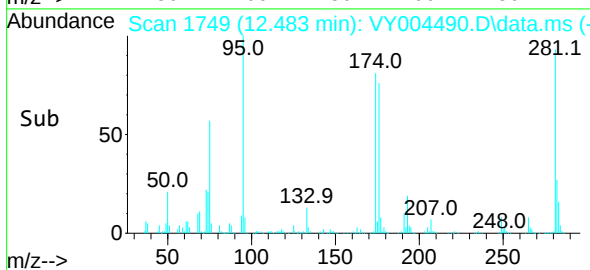
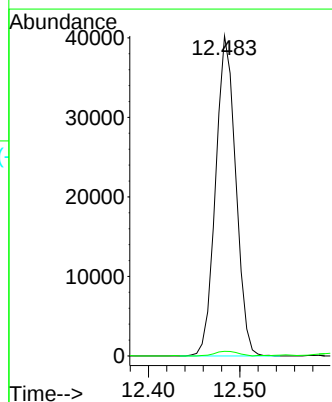
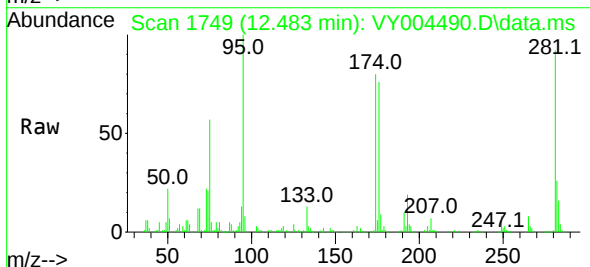
Instrument :
MSVOA_Y
ClientSampleId :
0124055

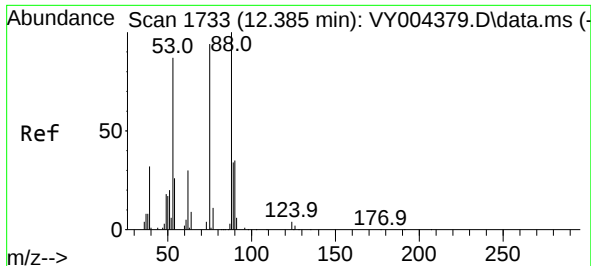
Tgt Ion:152 Resp: 104249
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 158.7 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 55.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 75 Resp: 61584
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

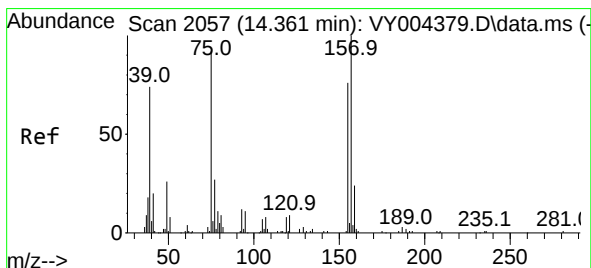
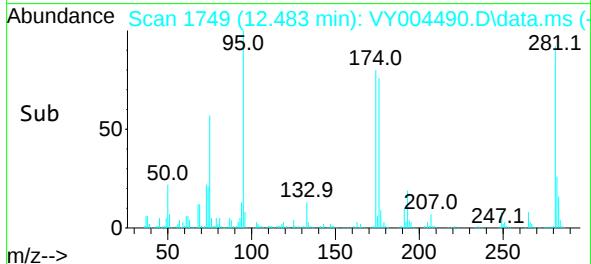
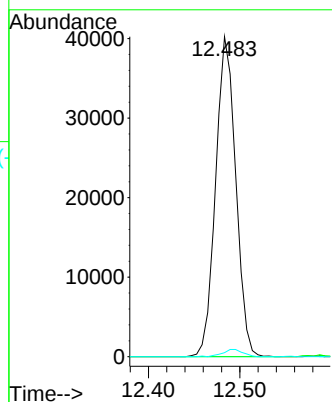
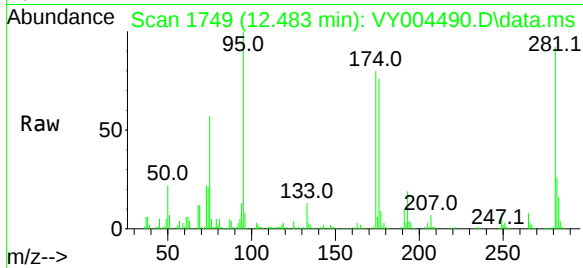




#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.46 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004490.D
 Acq: 19 Apr 2021 12:09

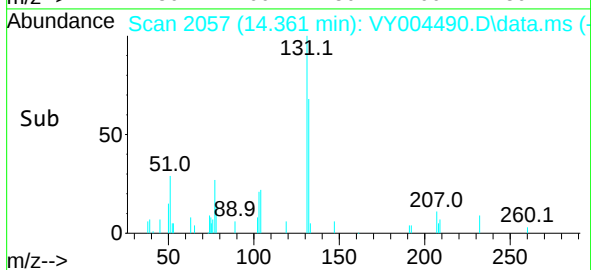
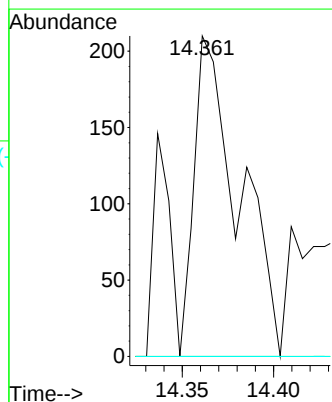
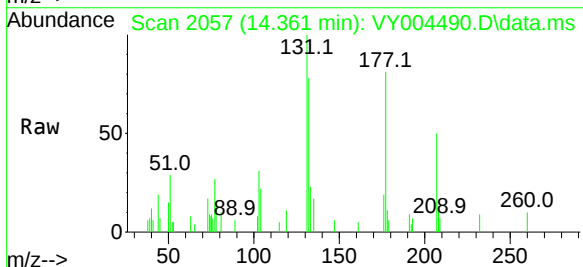
Instrument :
 MSVOA_Y
 ClientSampleId :
 0124055

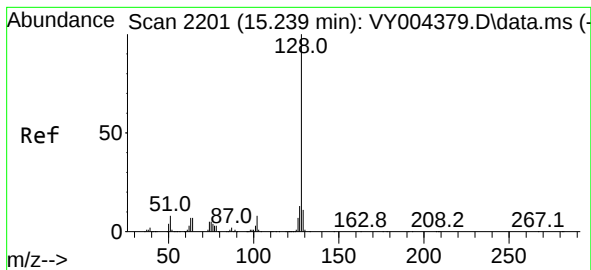
Tgt Ion: 75 Resp: 61584
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 2.3 36.1 54.1#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.31 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VY004490.D
 Acq: 19 Apr 2021 12:09

Tgt Ion: 75 Resp: 359
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 121.8#
 157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 466.59 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :
0124055

Tgt Ion:128 Resp: 2007751
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

