

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004685.D
 Acq On : 30 Apr 2021 14:18
 Operator : SY/MD
 Sample : M2224-01RE
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-042921

Quant Time: May 01 00:39:54 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)

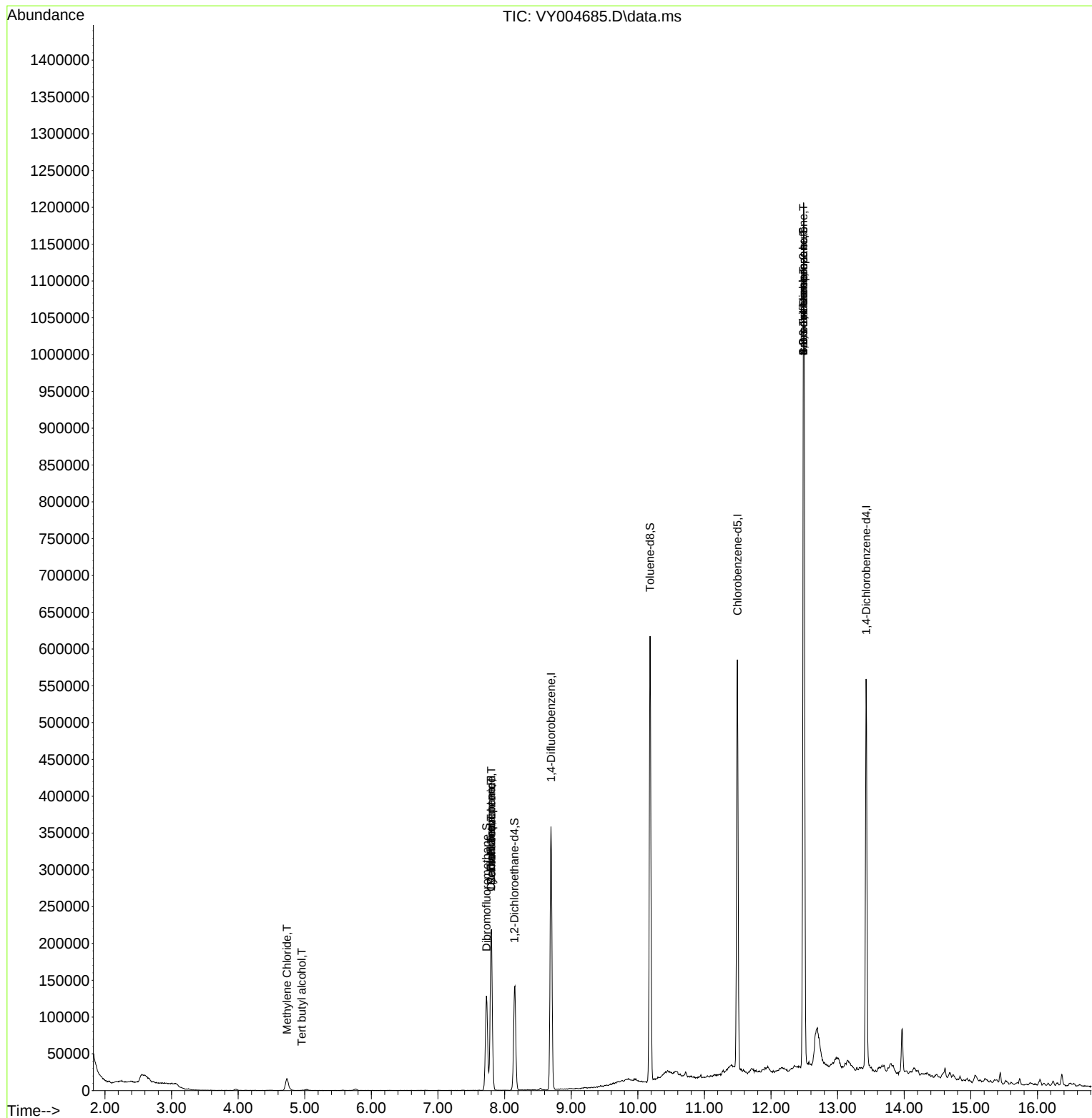
Internal Standards						
1) Pentafluorobenzene	7.801	168	160141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	285827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112391	63.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.34%
35) Dibromofluoromethane	7.728	113	86244	54.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.74%
50) Toluene-d8	10.185	98	365275	54.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.28%
62) 4-Bromofluorobenzene	12.483	95	133245	58.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.40%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	276	1.57	ug/l #	73
16) Acetone	3.960	43	3051	Below Cal	#	84
20) Methylene Chloride	4.735	84	11757	6.84	ug/l	90
31) Cyclohexane	7.795	56	3997	1.23	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	13138	4.63	ug/l #	51
38) Carbon Tetrachloride	7.801	117	16393	6.68	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	82710	60.58	ug/l #	100
77) Bromobenzene	12.483	156	5267	2.39	ug/l #	3
81) trans-1,4-Dichloro-2-b...	12.483	75	82710	108.38	ug/l #	12

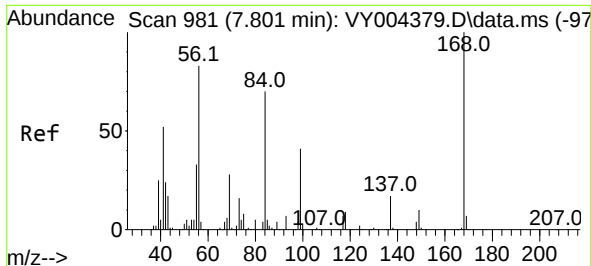
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CL-01-042921

Quant Time: May 01 00:39:54 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

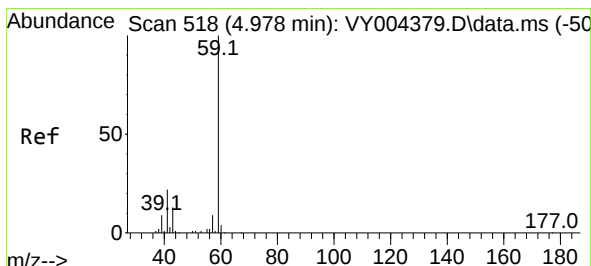
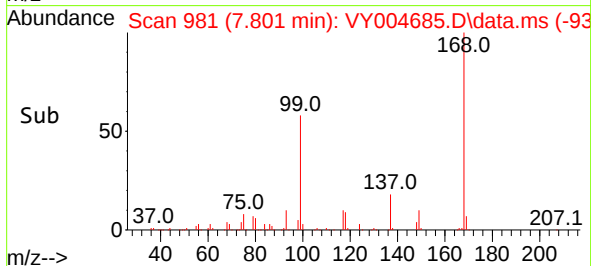
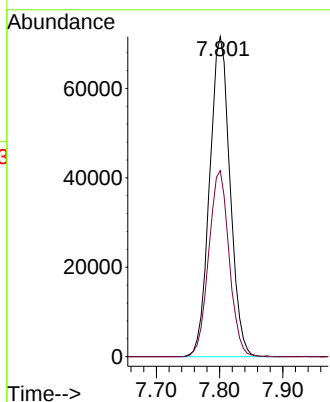
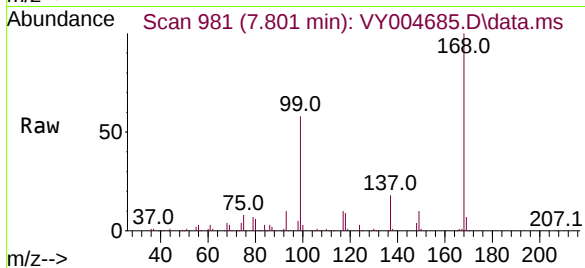




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

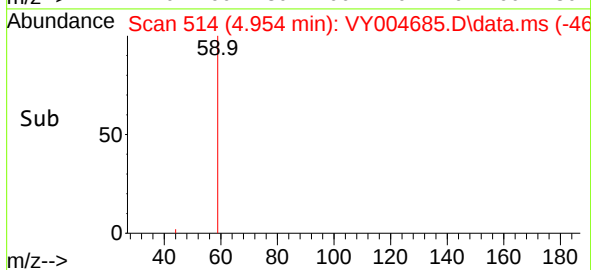
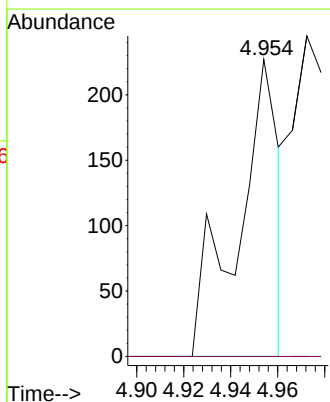
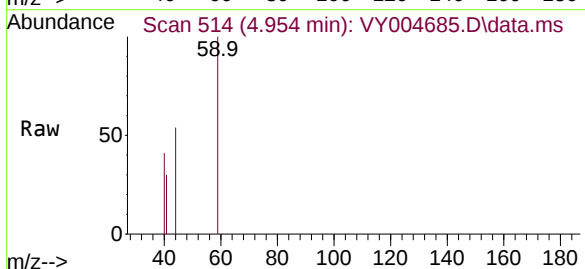
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921

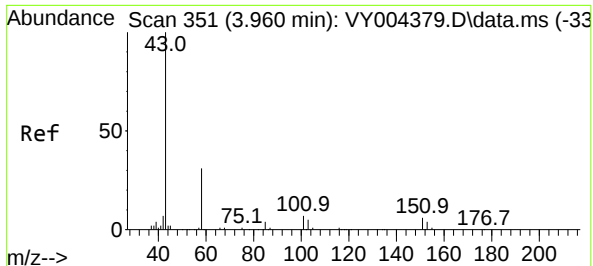
Tgt Ion:168 Resp: 160141
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3



#11
Tert butyl alcohol
Concen: 1.57 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

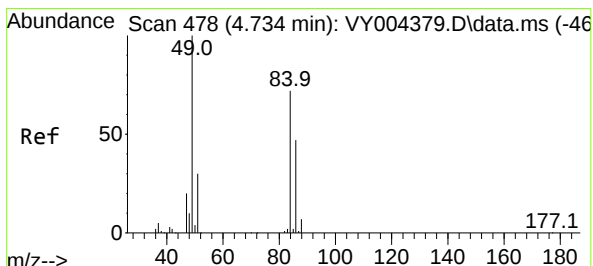
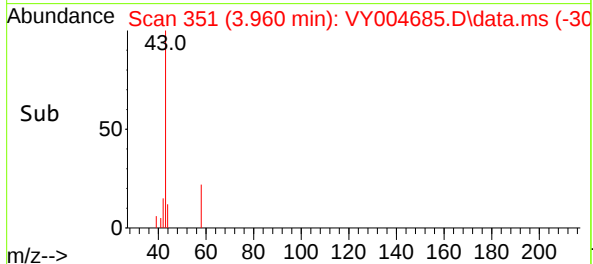
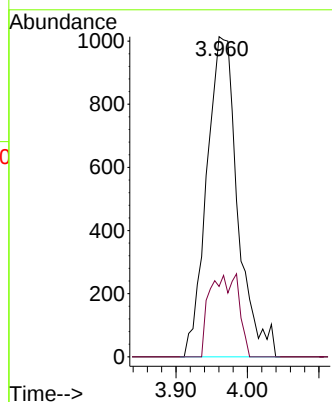
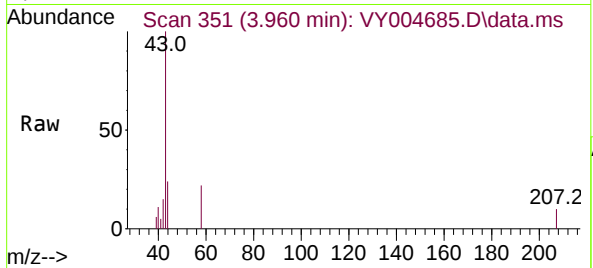




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

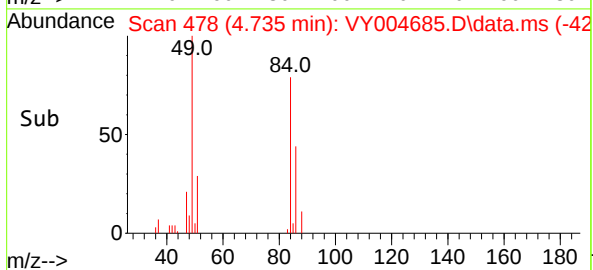
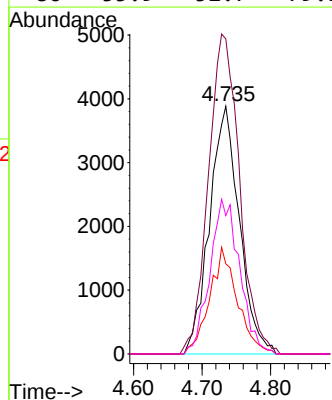
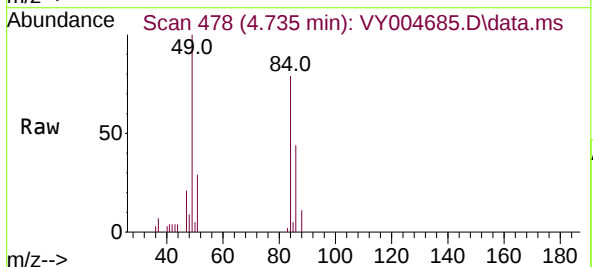
Instrument :
MSVOA_Y
ClientSampled :
CL-01-042921

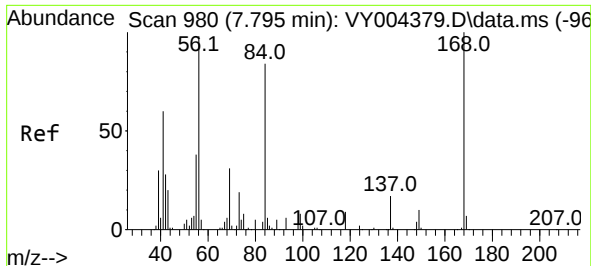
Tgt Ion: 43 Resp: 3051
Ion Ratio Lower Upper
43 100
58 22.0 24.6 37.0#



#20
Methylene Chloride
Concen: 6.84 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 84 Resp: 11757
Ion Ratio Lower Upper
84 100
49 127.2 111.2 166.8
51 36.4 33.4 50.2
86 55.9 52.7 79.1

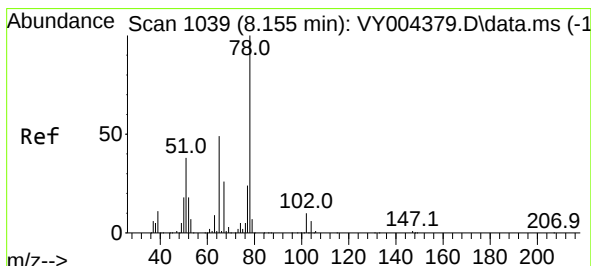
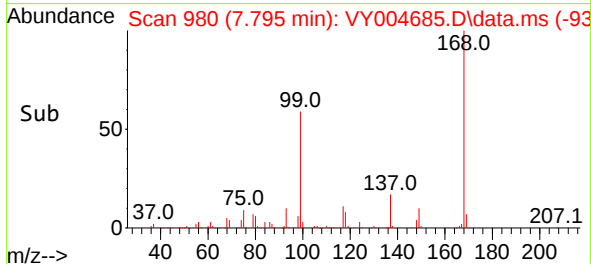
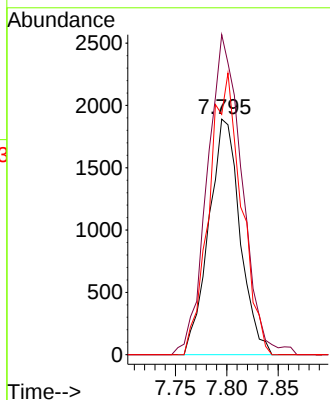
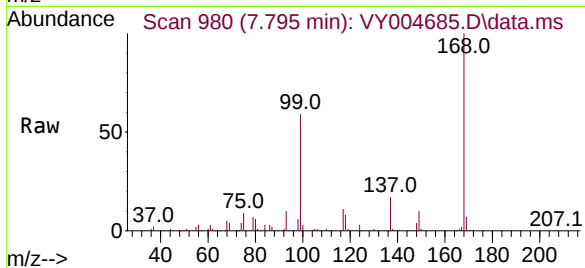




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

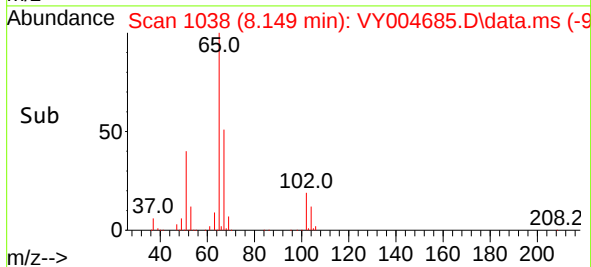
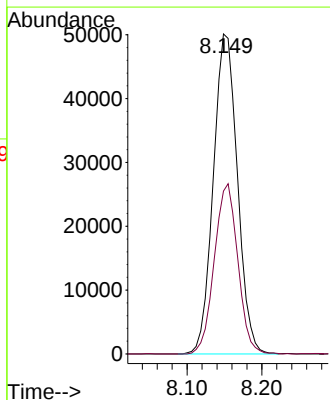
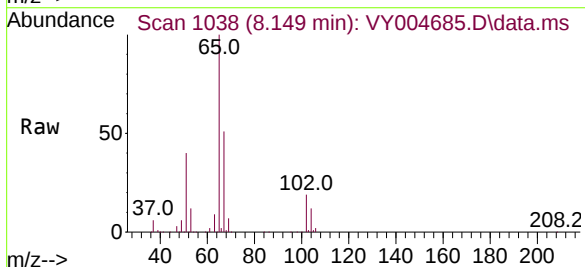
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921

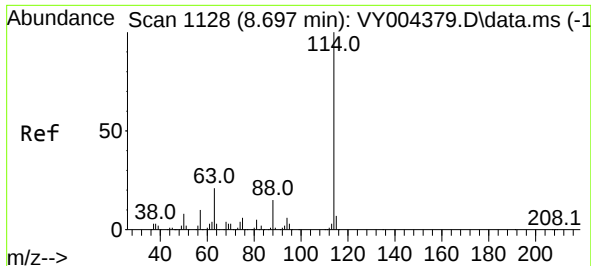
Tgt Ion: 56 Resp: 3997
Ion Ratio Lower Upper
56 100
69 133.0 25.8 38.6#
84 102.1 68.2 102.4



#33
1,2-Dichloroethane-d4
Concen: 63.17 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 65 Resp: 112391
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4

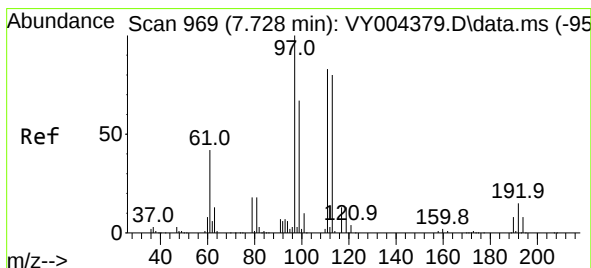
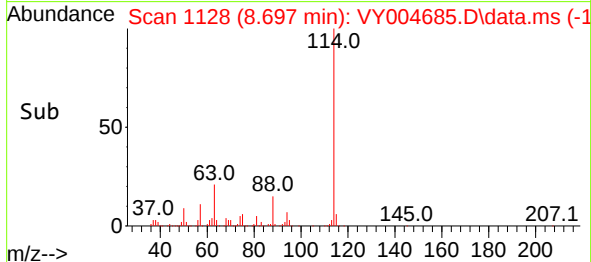
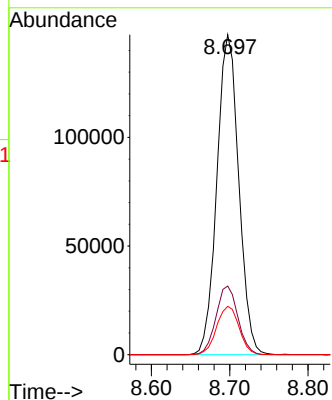
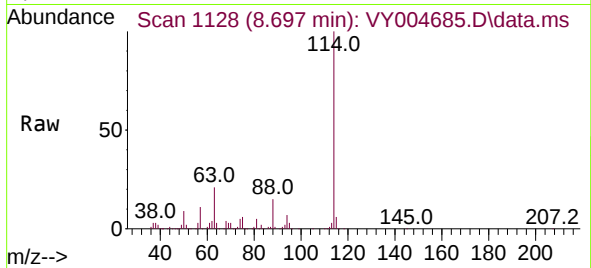




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

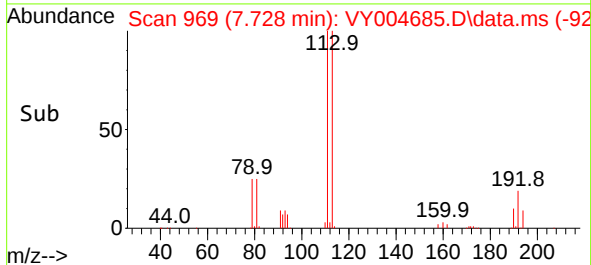
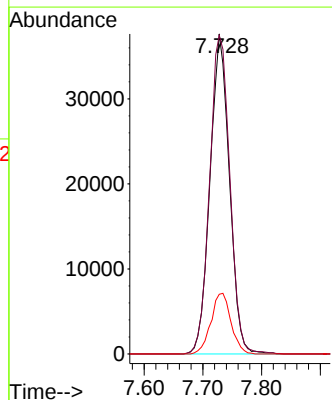
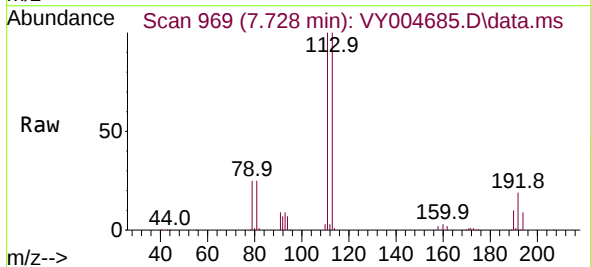
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921

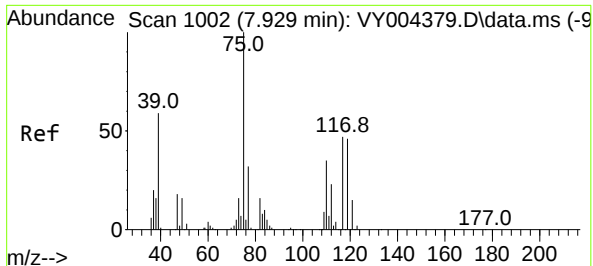
Tgt Ion:	114	Resp:	285827
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	42.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.37 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion:	113	Resp:	86244
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	123.8
192	19.6	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.63 ug/l

RT: 7.795 min Scan# 980

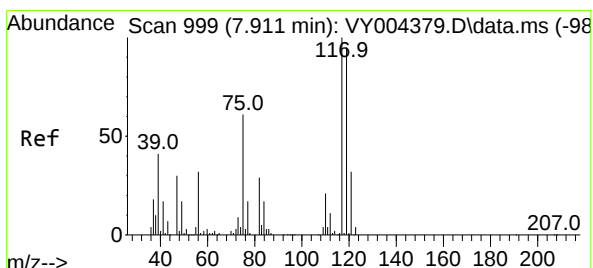
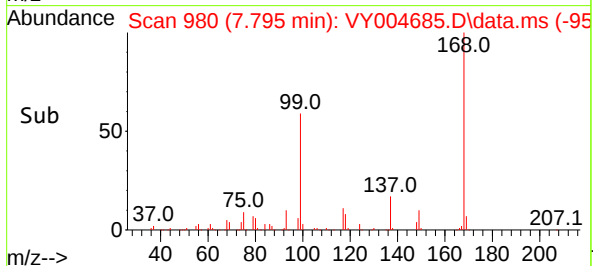
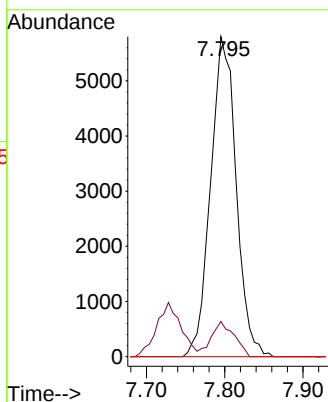
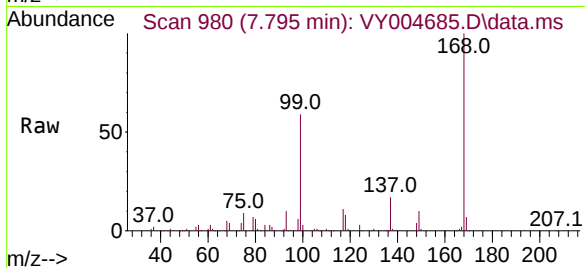
Delta R.T. -0.134 min

Lab File: VY004685.D

Acq: 30 Apr 2021 14:18

Tgt Ion: 75	Resp: 13138
Ion Ratio	Lower Upper
75 100	
110 9.9	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921



#38

Carbon Tetrachloride

Concen: 6.68 ug/l

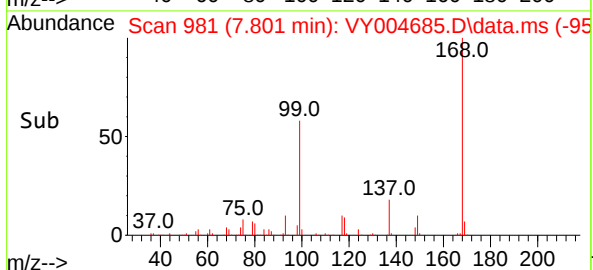
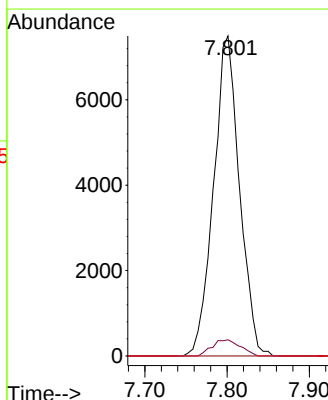
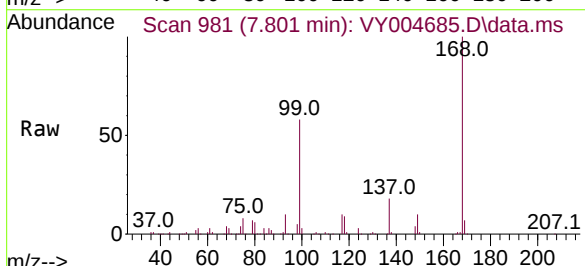
RT: 7.801 min Scan# 981

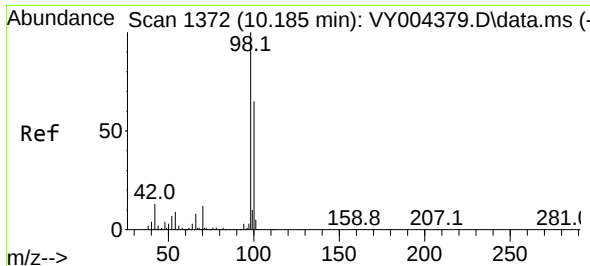
Delta R.T. -0.109 min

Lab File: VY004685.D

Acq: 30 Apr 2021 14:18

Tgt Ion: 117	Resp: 16393
Ion Ratio	Lower Upper
117 100	
119 5.0	75.8 113.8#
121 0.0	25.3 37.9#

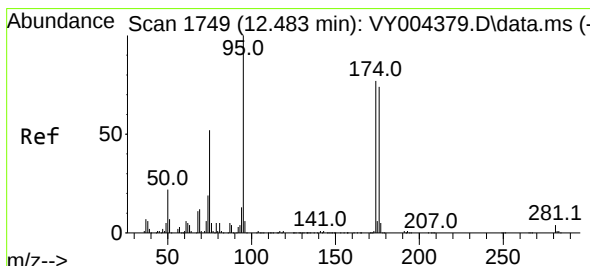
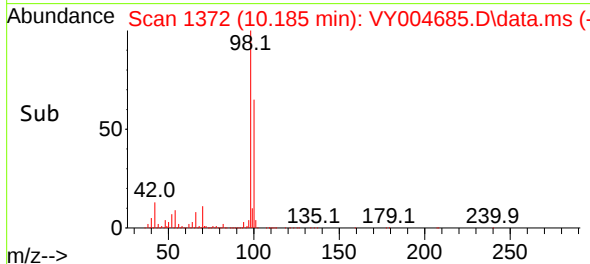
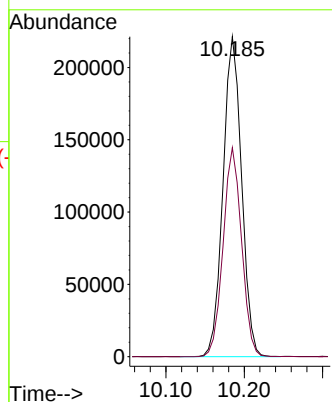
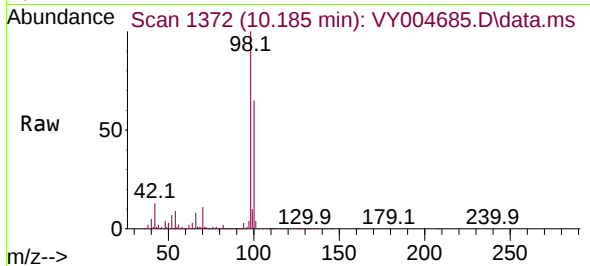




#50
Toluene-d8
Concen: 54.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

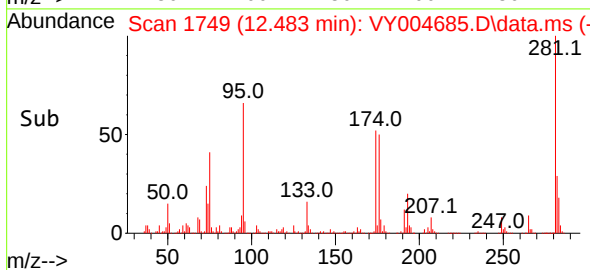
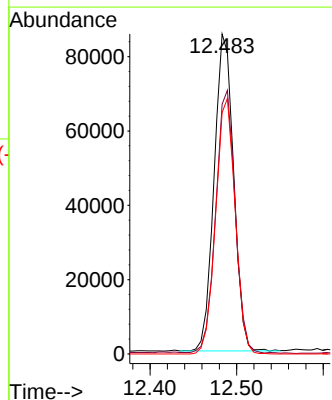
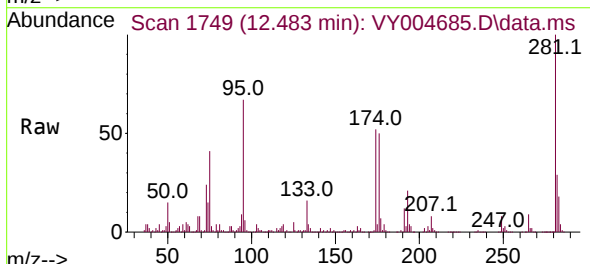
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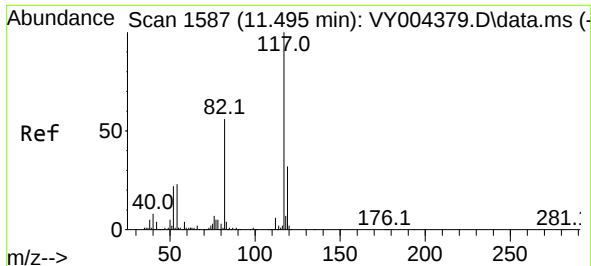
Tgt Ion: 98 Resp: 365275
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion: 95 Resp: 133245
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 80.6 0.0 156.0

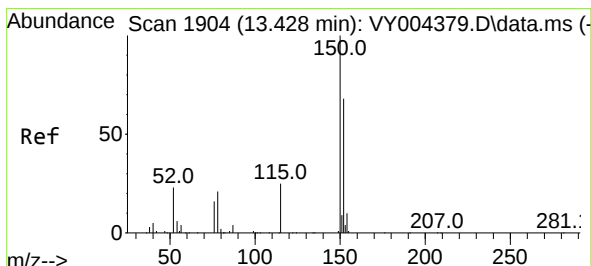
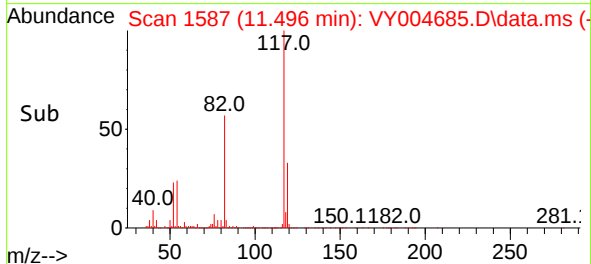
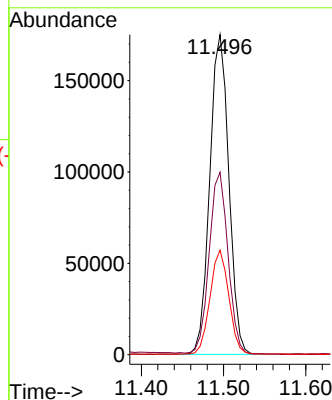
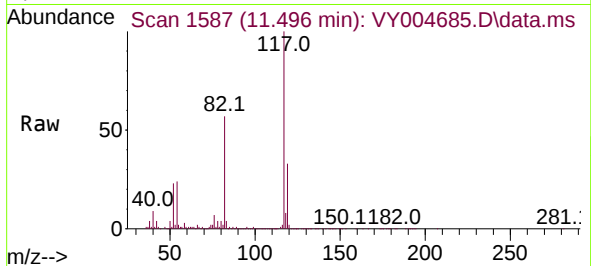




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

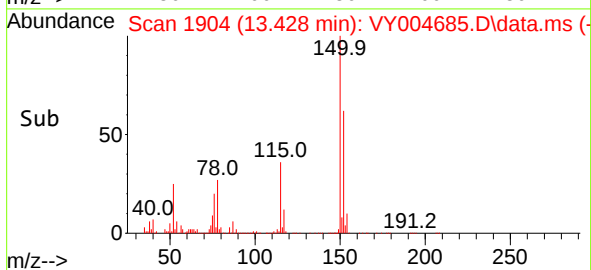
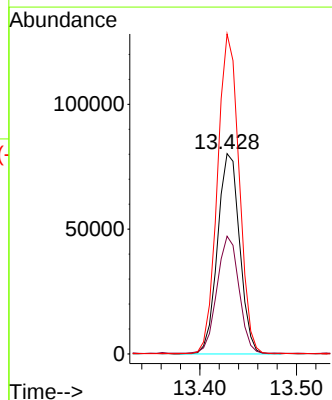
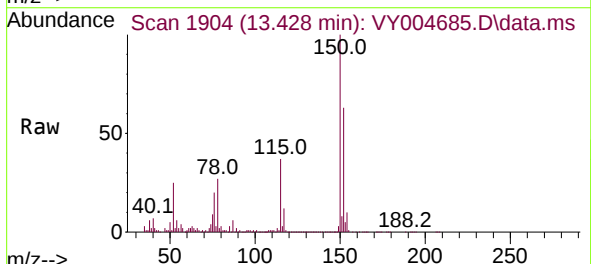
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921

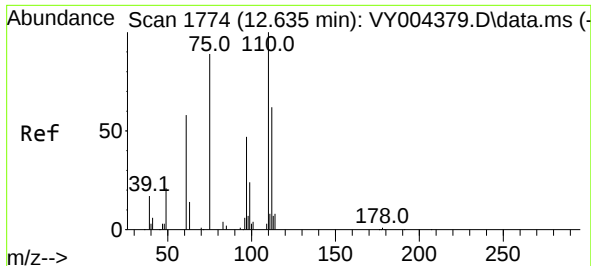
Tgt Ion:117	Resp:	282035
Ion Ratio	Lower	Upper
117	100	
82	56.9	44.9 67.3
119	32.5	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

Tgt Ion:152	Resp:	127198
Ion Ratio	Lower	Upper
152	100	
115	58.1	29.6 88.8
150	156.2	0.0 348.4

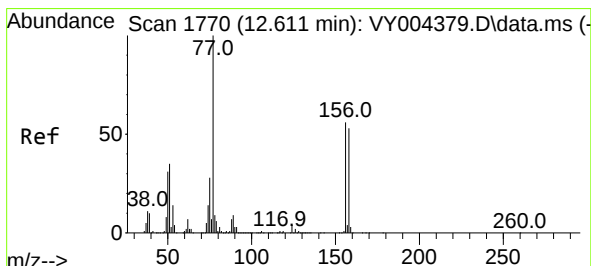
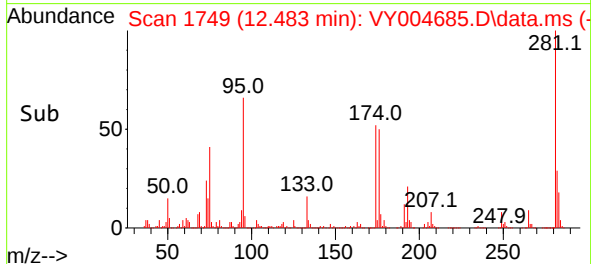
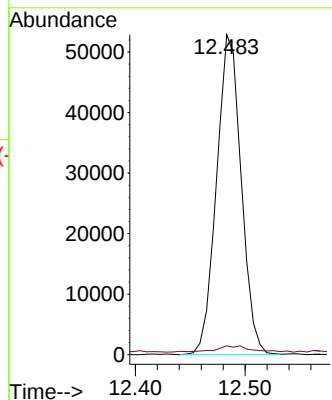
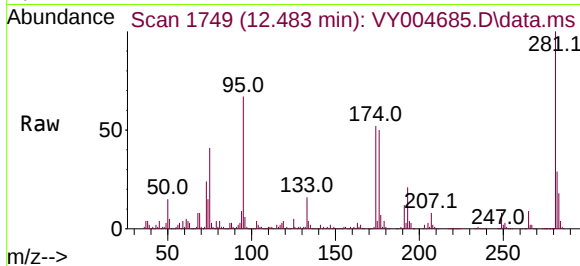




#76
1,2,3-Trichloropropane
Concen: 60.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

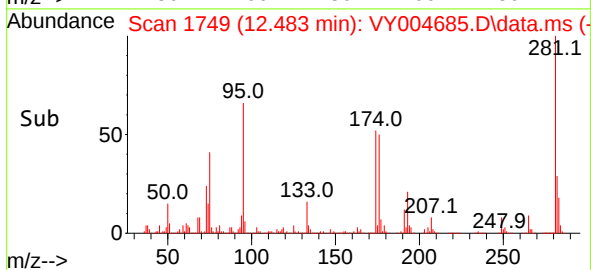
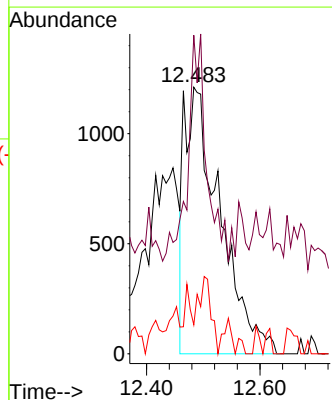
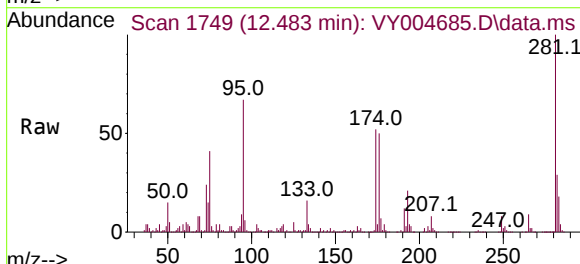
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-042921

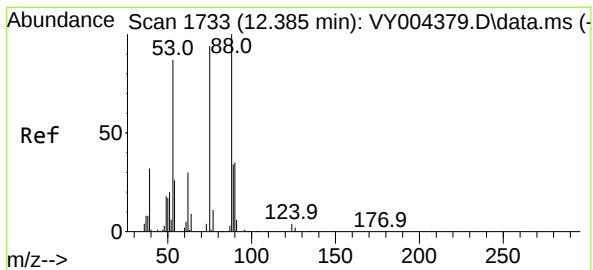
Tgt Ion: 75 Resp: 82710
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#



#77
Bromobenzene
Concen: 2.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.128 min
Lab File: VY004685.D
Acq: 30 Apr 2021 14:18

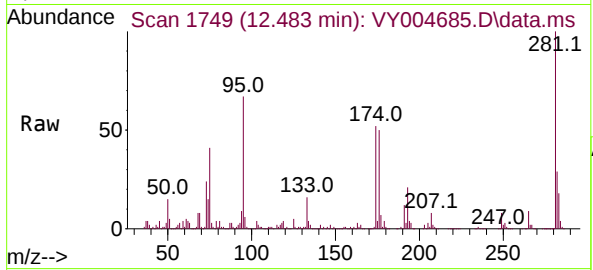
Tgt Ion: 156 Resp: 5267
Ion Ratio Lower Upper
156 100
77 44.7 98.6 295.7#
158 10.3 48.4 145.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004685.D
 Acq: 30 Apr 2021 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-042921



Tgt Ion:	75	Resp:	82710
Ion	Ratio	Lower	Upper
75	100		
53	0.5	75.0	112.6#
89	0.0	36.1	54.1#

