

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004678.D
 Acq On : 30 Apr 2021 11:22
 Operator : SY/MD
 Sample : VY0430SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBL01

Quant Time: May 01 00:38:38 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)

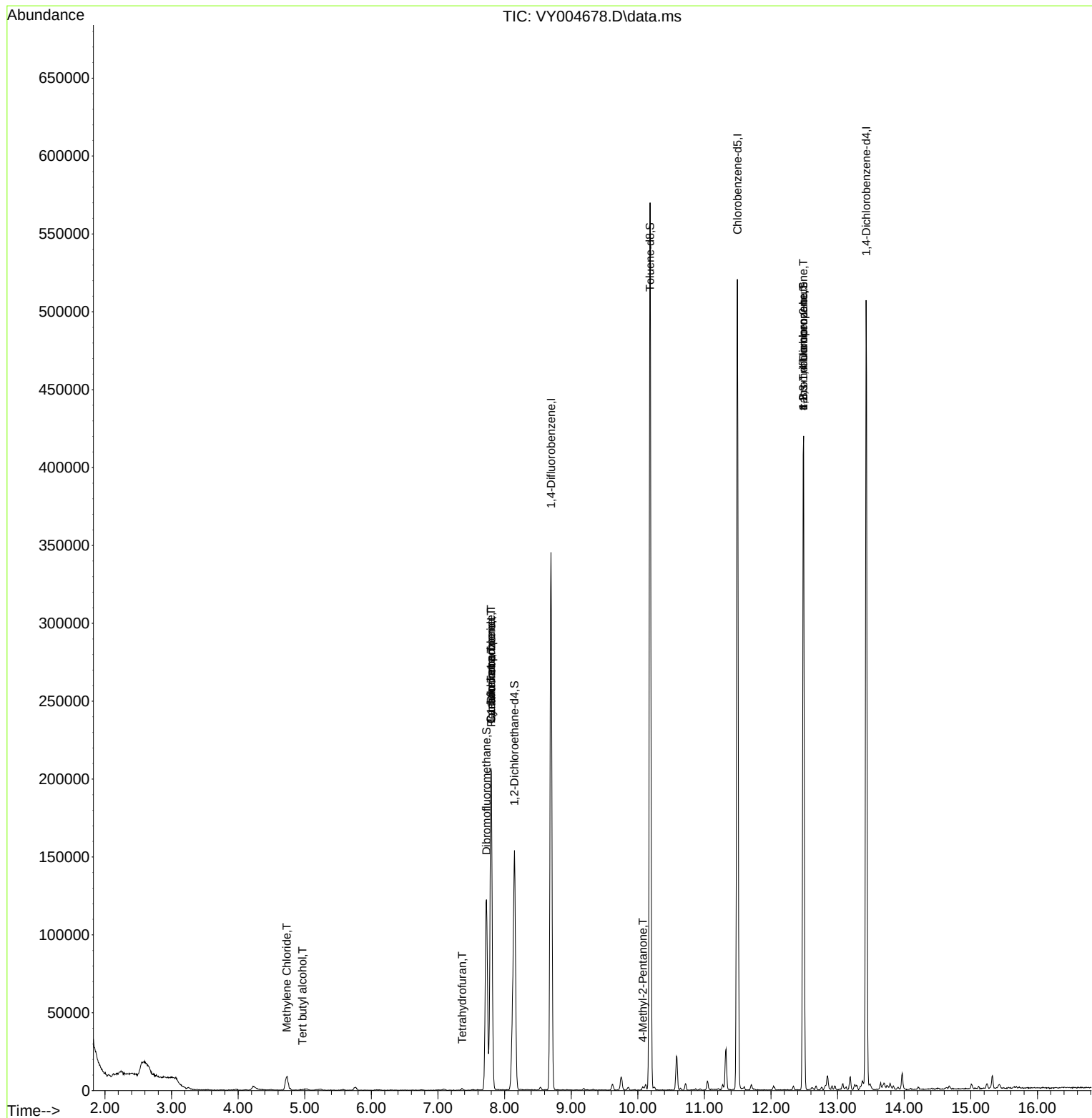
Internal Standards						
1) Pentafluorobenzene	7.801	168	156252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	265299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103449	59.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.18%			
35) Dibromofluoromethane	7.728	113	85584	55.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.56%			
50) Toluene-d8	10.185	98	343891	52.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.44%			
62) 4-Bromofluorobenzene	12.483	95	115278	51.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.18%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	882	5.16	ug/l #	73
16) Acetone	3.960	43	1237	Below Cal		93
20) Methylene Chloride	4.728	84	6038	3.60	ug/l	86
29) Tetrahydrofuran	7.362	42	844	1.79	ug/l #	67
31) Cyclohexane	7.795	56	4064	1.28	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	13050	4.71	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16182	6.75	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	2015	1.16	ug/l #	80
76) 1,2,3-Trichloropropane	12.483	75	65194	50.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65194	90.89	ug/l #	12

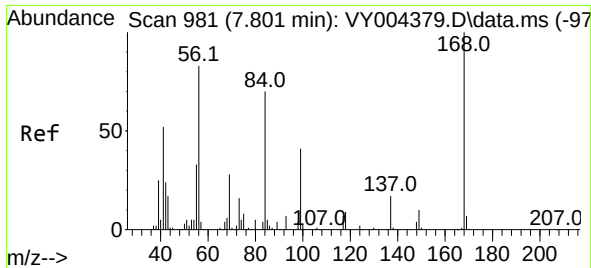
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

Quant Time: May 01 00:38:38 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

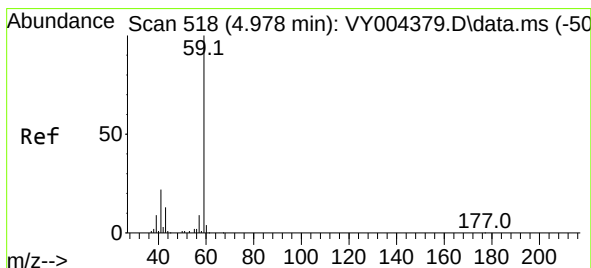
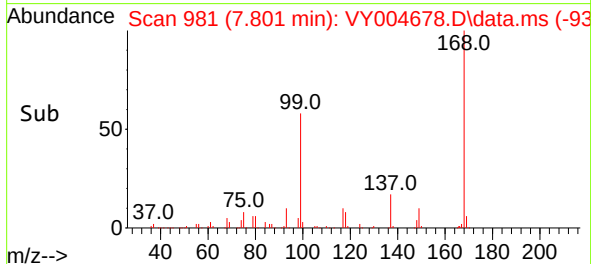
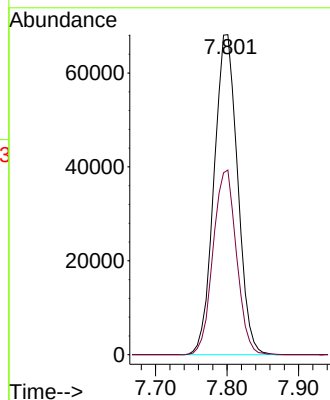
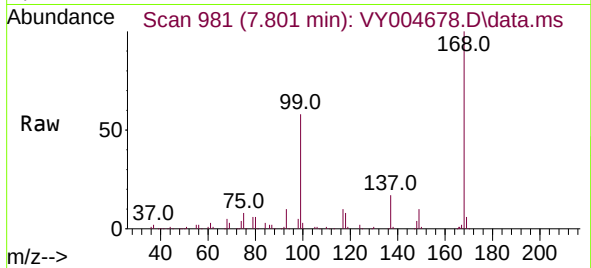




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

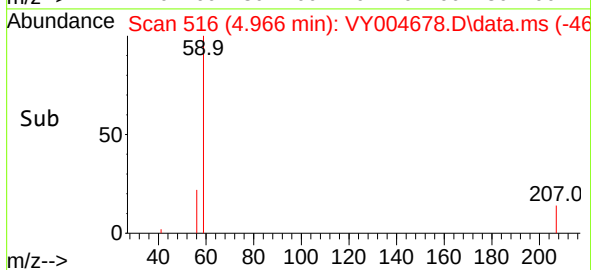
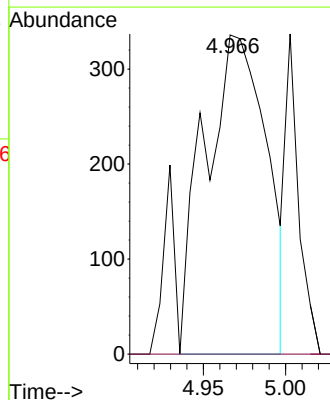
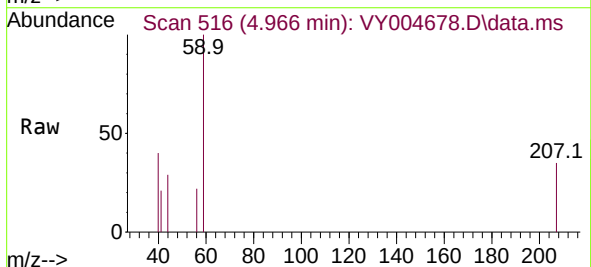
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

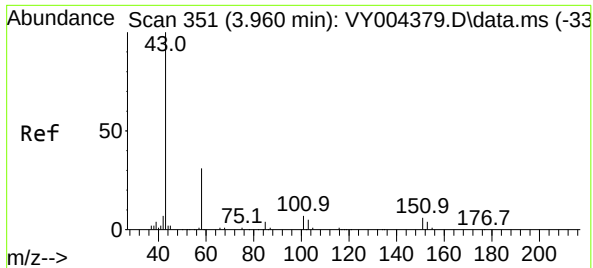
Tgt Ion:168 Resp: 156252
Ion Ratio Lower Upper
168 100
99 57.7 45.5 68.3



#11
Tert butyl alcohol
Concen: 5.16 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion: 59 Resp: 882
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

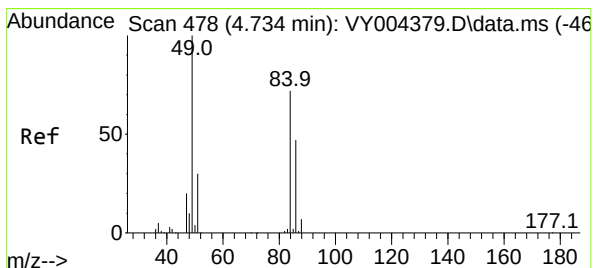
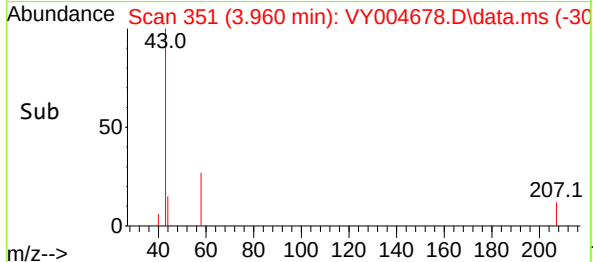
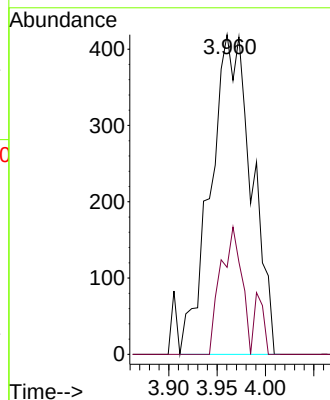
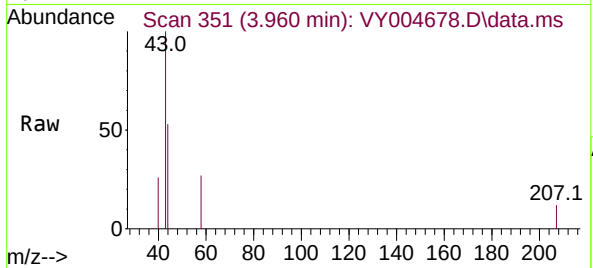




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

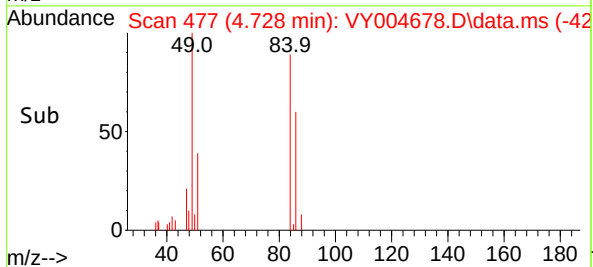
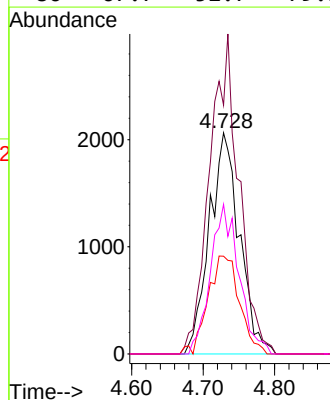
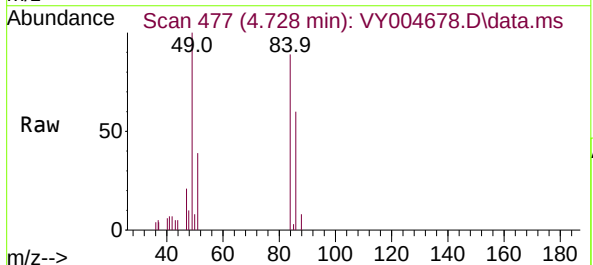
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

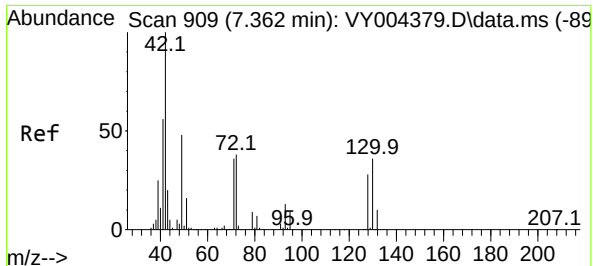
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 27.2 24.6 37.0



#20
Methylene Chloride
Concen: 3.60 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion: 84 Resp: 6038
Ion Ratio Lower Upper
84 100
49 112.5 111.2 166.8
51 44.2 33.4 50.2
86 67.7 52.7 79.1





#29

Tetrahydrofuran

Concen: 1.79 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY004678.D

Acq: 30 Apr 2021 11:22

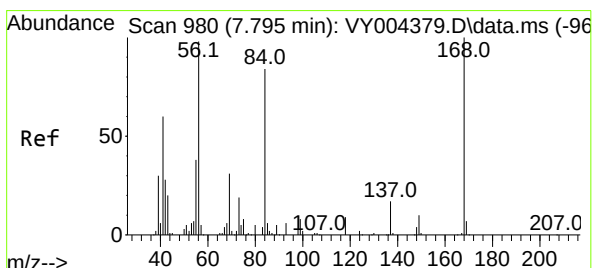
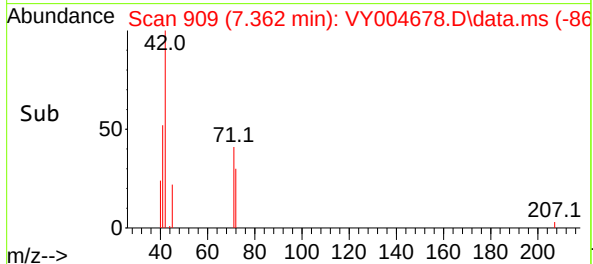
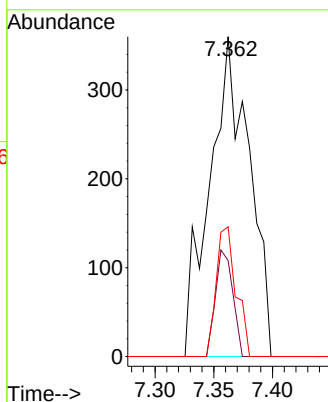
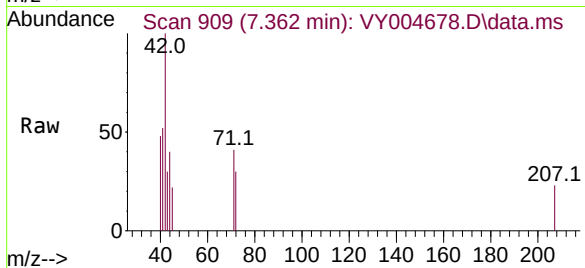
Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBL01

Tgt Ion:	42	Resp:	844
Ion	Ratio	Lower	Upper
42	100		
72	14.5	31.0	46.4#
71	20.4	28.8	43.2#



#31

Cyclohexane

Concen: 1.28 ug/l

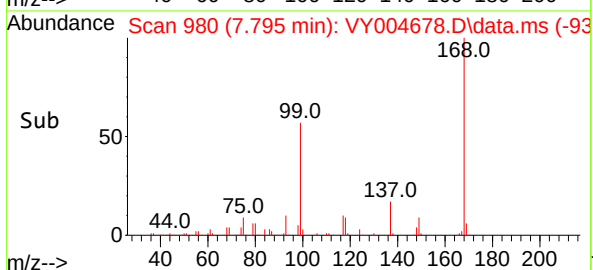
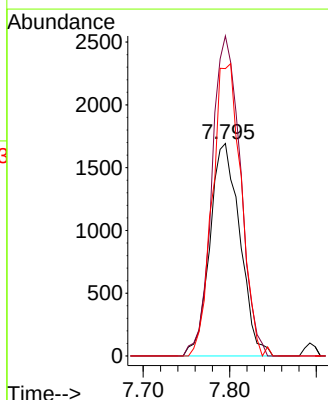
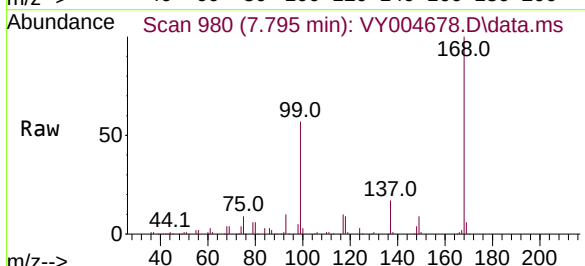
RT: 7.795 min Scan# 980

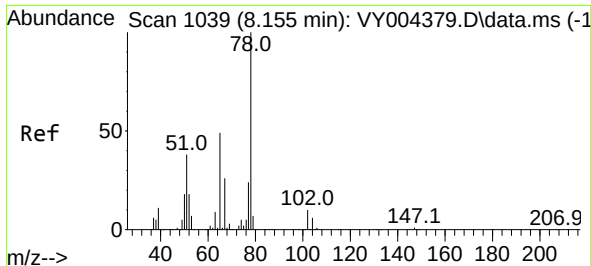
Delta R.T. 0.000 min

Lab File: VY004678.D

Acq: 30 Apr 2021 11:22

Tgt Ion:	56	Resp:	4064
Ion	Ratio	Lower	Upper
56	100		
69	150.6	25.8	38.6#
84	135.2	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 59.59 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004678.D

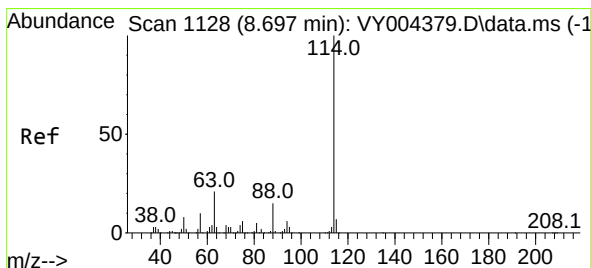
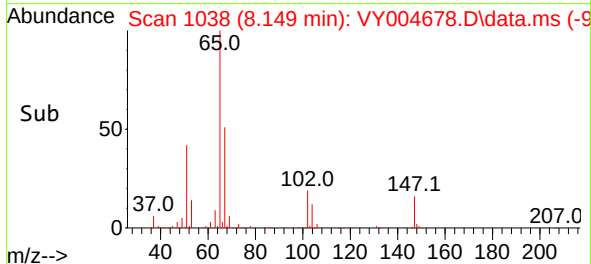
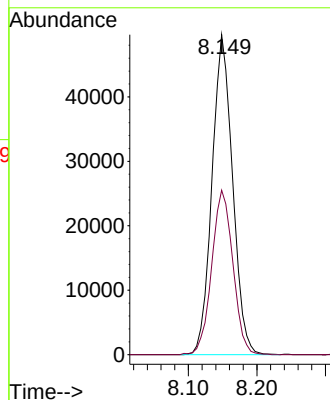
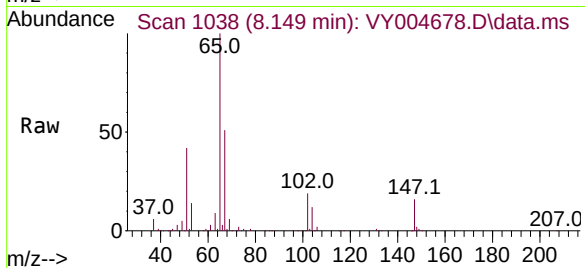
Acq: 30 Apr 2021 11:22

Tgt Ion: 65 Resp: 103449

Ion Ratio Lower Upper

65 100

67 52.9 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: VY004678.D

Acq: 30 Apr 2021 11:22

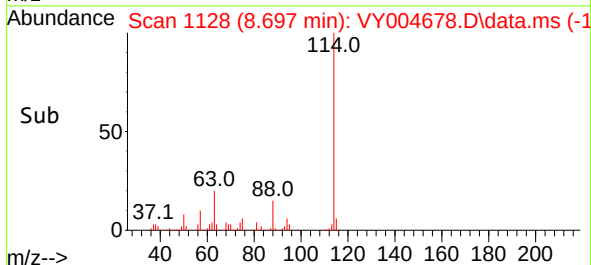
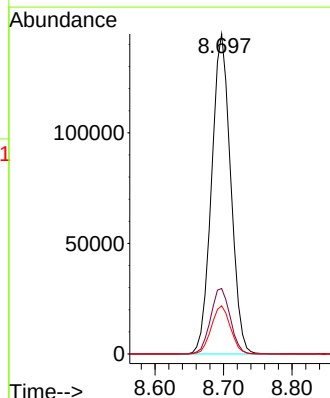
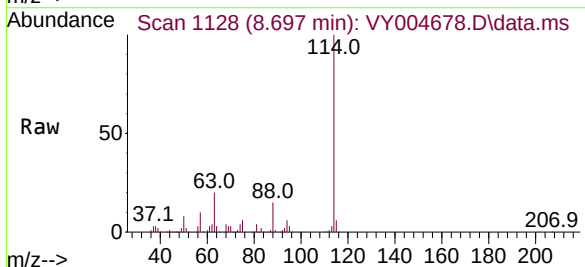
Tgt Ion: 114 Resp: 278968

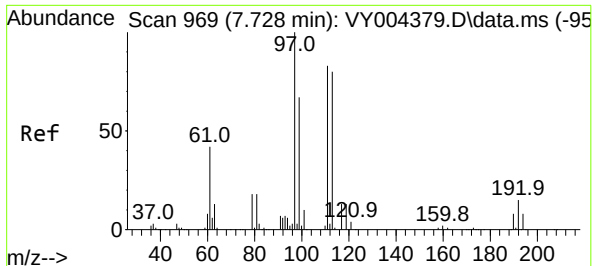
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.1 0.0 30.8

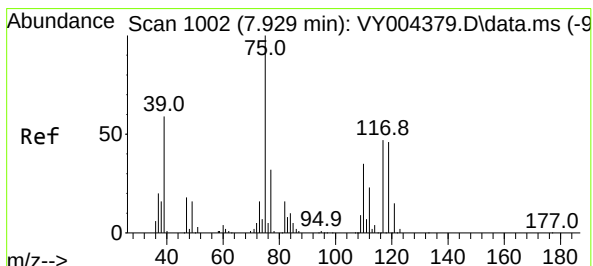
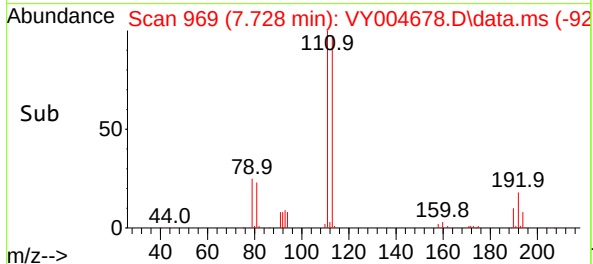
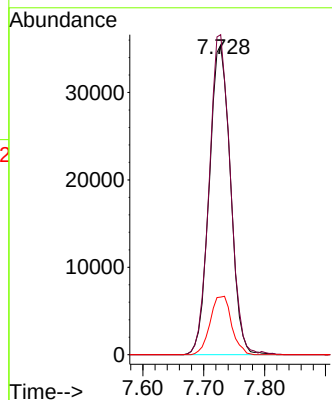
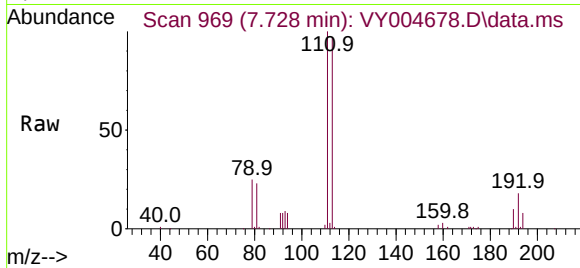




#35
Dibromofluoromethane
Concen: 55.28 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

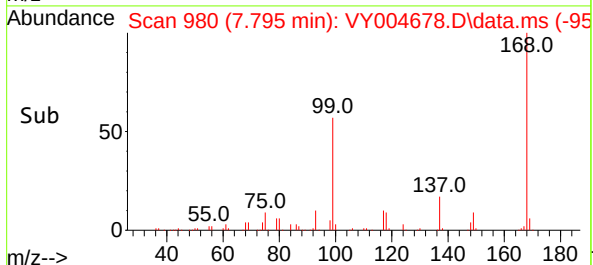
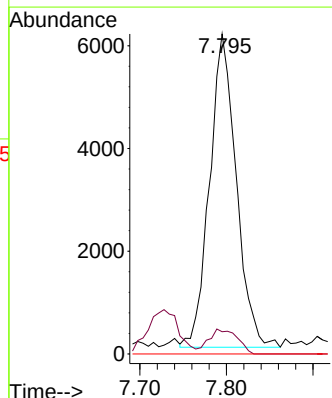
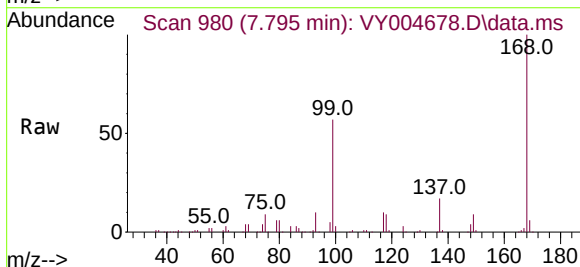
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

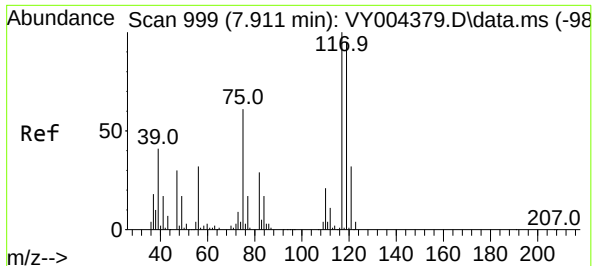
Tgt Ion:	113	Resp:	85584
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	19.1	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion:	75	Resp:	13050
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.7#
77	0.0	24.3	36.5#

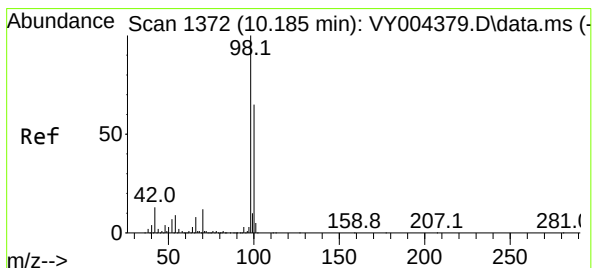
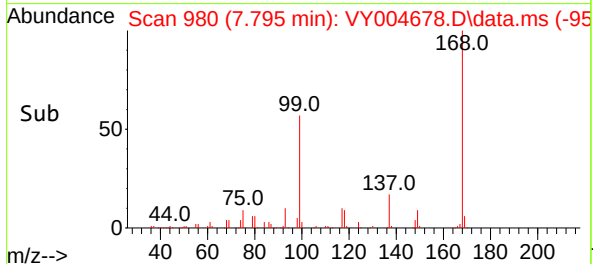
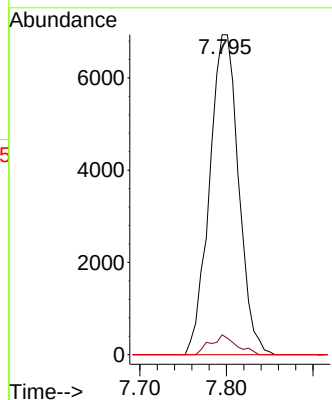
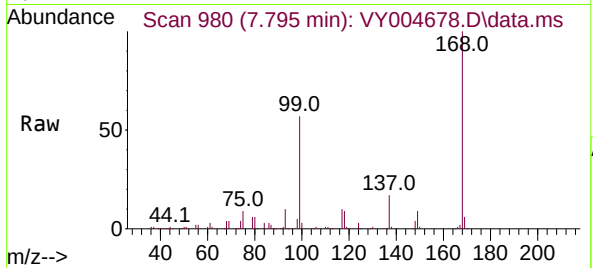




#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

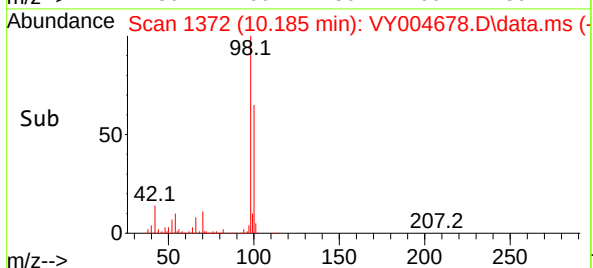
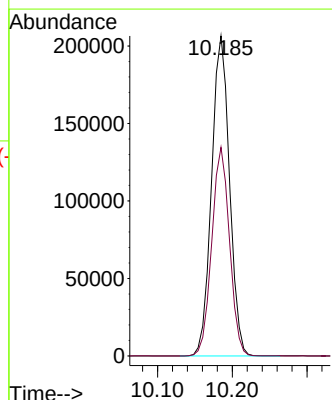
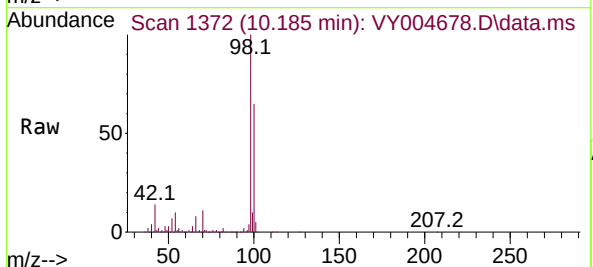
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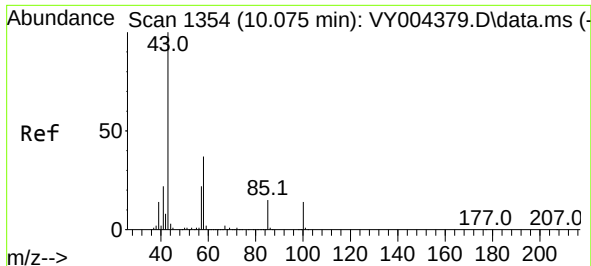
Tgt Ion:117 Resp: 16182
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion: 98 Resp: 343891
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

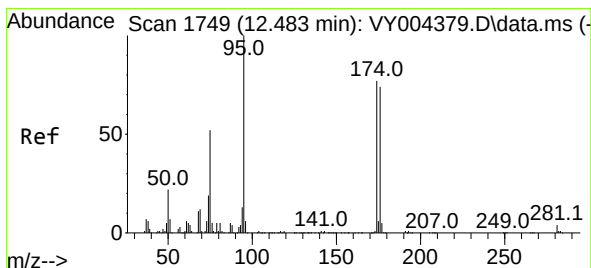
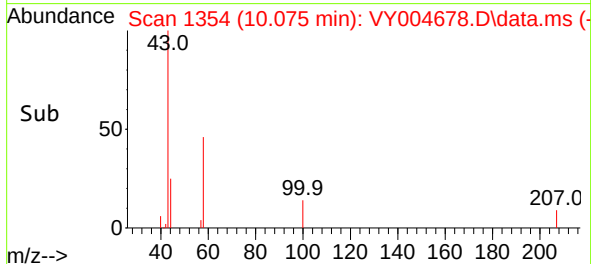
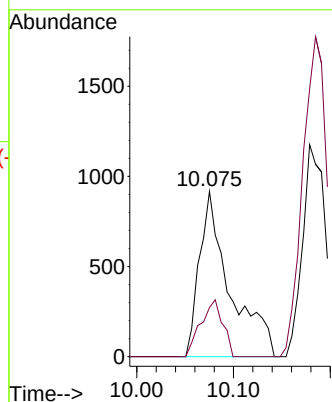
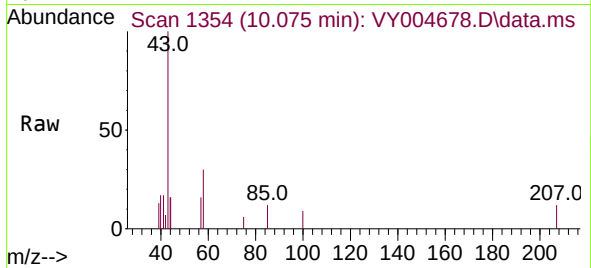




#51
4-Methyl-2-Pentanone
Concen: 1.16 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

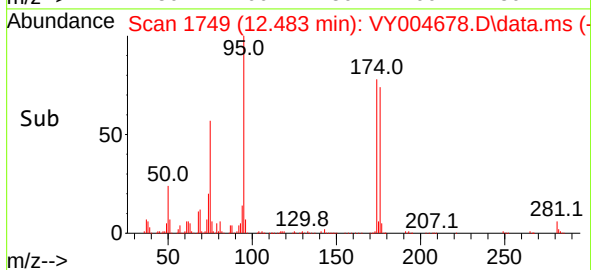
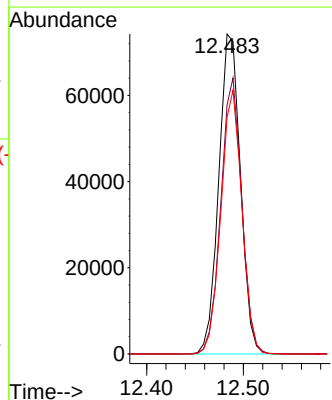
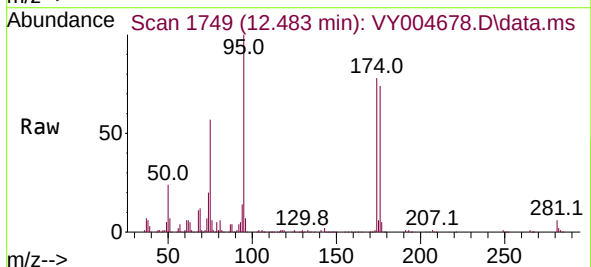
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

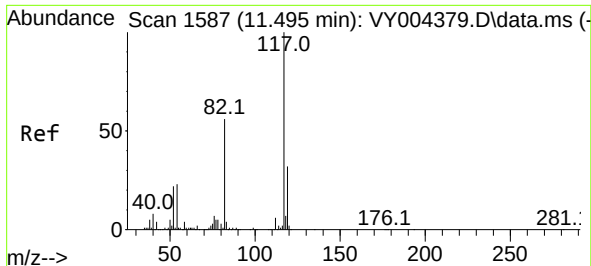
Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 24.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion: 95 Resp: 115278
Ion Ratio Lower Upper
95 100
174 83.3 0.0 162.4
176 79.9 0.0 156.0

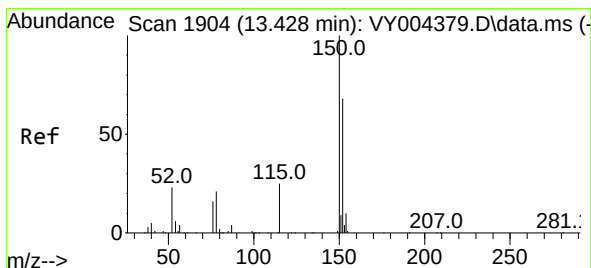
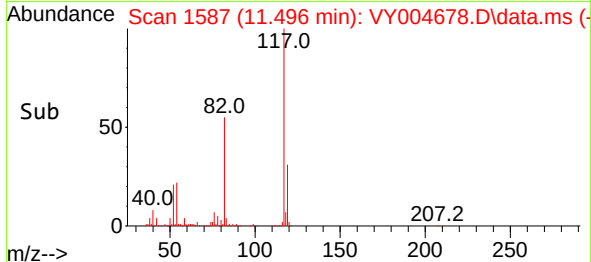
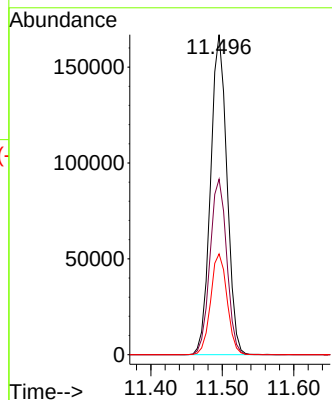
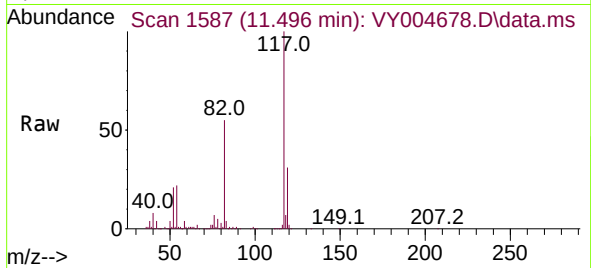




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

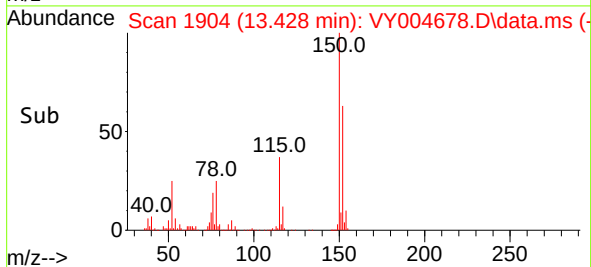
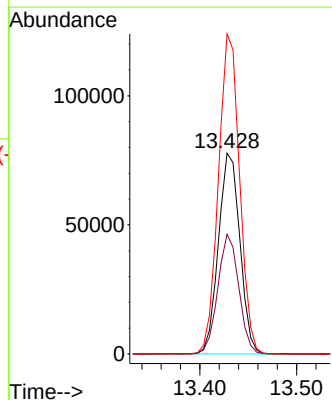
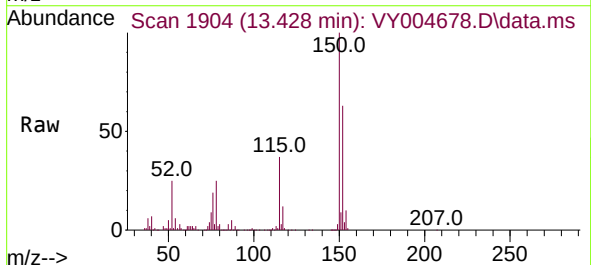
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

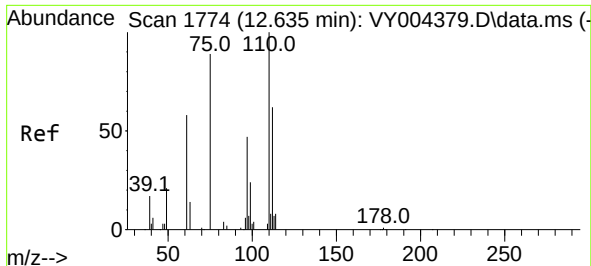
Tgt Ion:117 Resp: 265299
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion:152 Resp: 119561
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 157.2 0.0 348.4

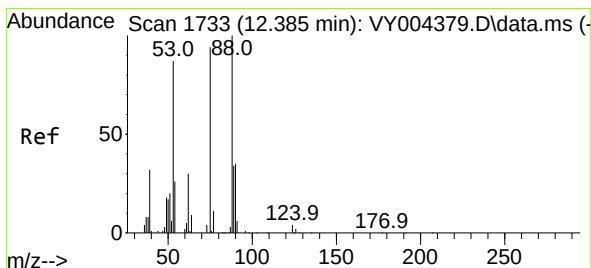
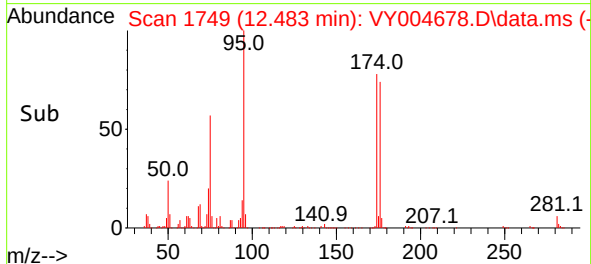
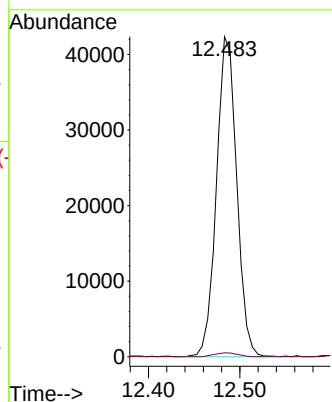
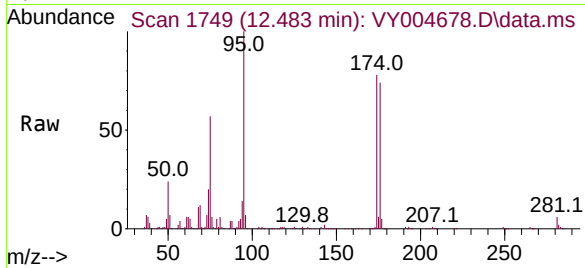




#76
1,2,3-Trichloropropane
Concen: 50.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

Tgt Ion: 75 Resp: 65194
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004678.D
Acq: 30 Apr 2021 11:22

Tgt Ion: 75 Resp: 65194
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.2 36.1 54.1#

