

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004728.D
 Acq On : 10 May 2021 14:32
 Operator : SY/MD
 Sample : VY0510SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Quant Time: May 11 04:18:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

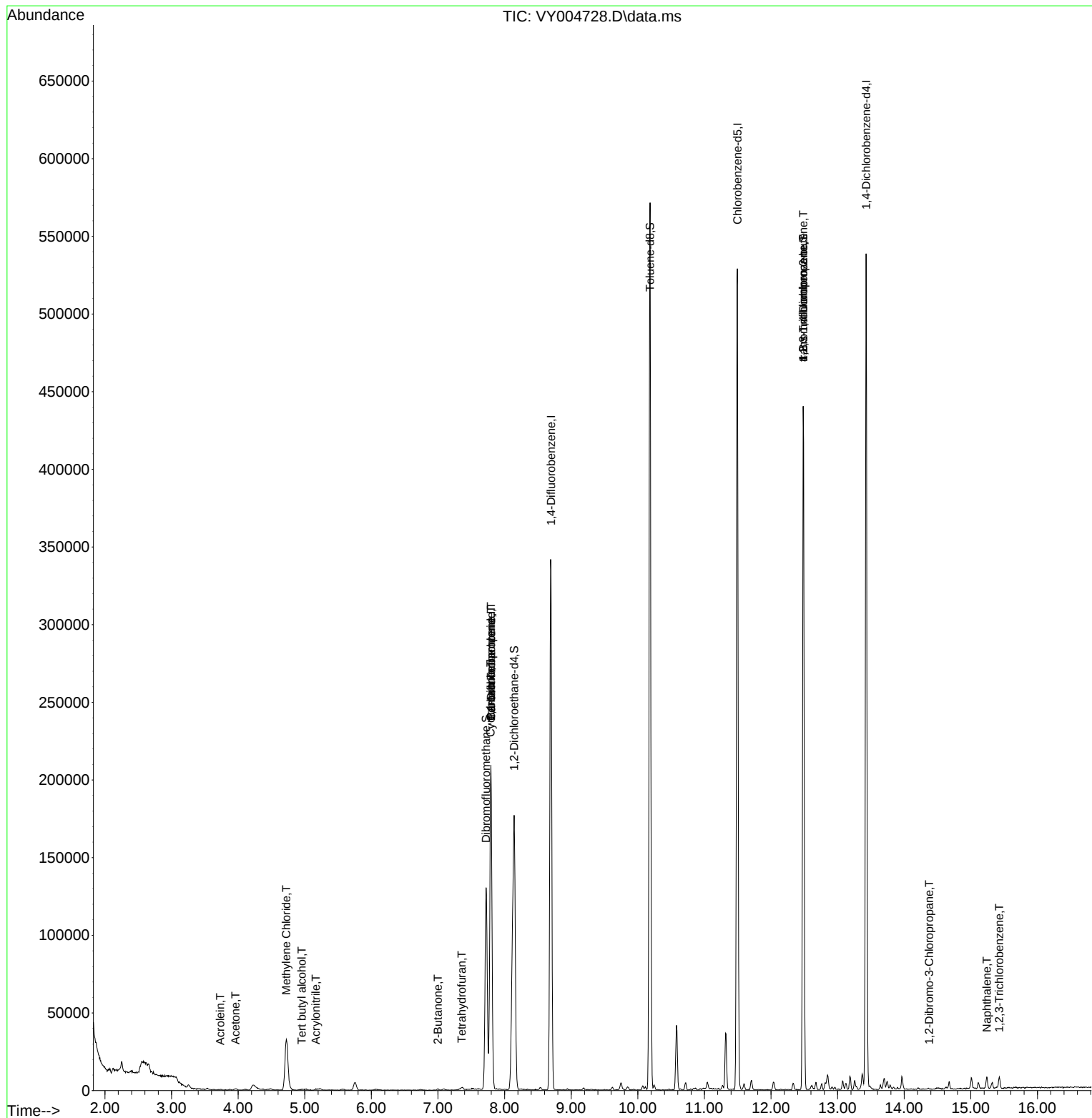
Internal Standards						
1) Pentafluorobenzene	7.795	168	156948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108874	58.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.56%			
35) Dibromofluoromethane	7.722	113	89103	57.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.92%			
50) Toluene-d8	10.185	98	348938	49.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.62%			
62) 4-Bromofluorobenzene	12.483	95	121026	51.19	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.38%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	1411	7.52	ug/l #	71
13) Acrolein	3.729	56	429	1.94	ug/l	94
15) Acrylonitrile	5.167	53	665	1.33	ug/l #	82
16) Acetone	3.960	43	1751	4.17	ug/l	91
20) Methylene Chloride	4.722	84	23378	4.20	ug/l	97
25) 2-Butanone	6.996	43	794	1.07	ug/l #	51
29) Tetrahydrofuran	7.356	42	971	2.04	ug/l #	47
31) Cyclohexane	7.789	56	4368	1.44	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	13624	4.69	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15913	6.10	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	67971	50.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67971	88.39	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.373	75	477	1.35	ug/l #	24
95) Naphthalene	15.239	128	5794	1.12	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.428	180	2141	1.01	ug/l	94

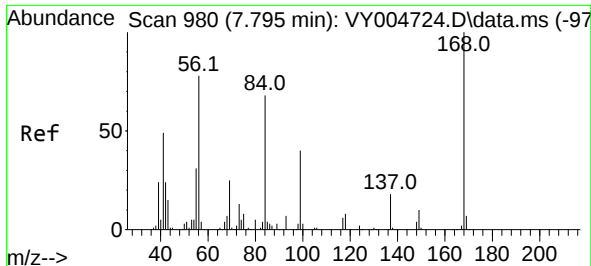
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

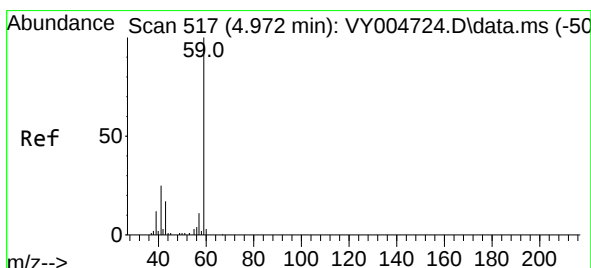
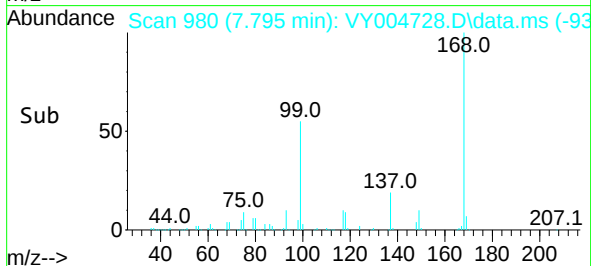
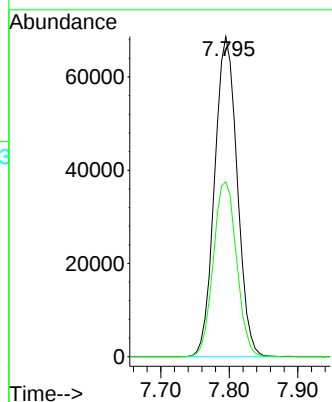
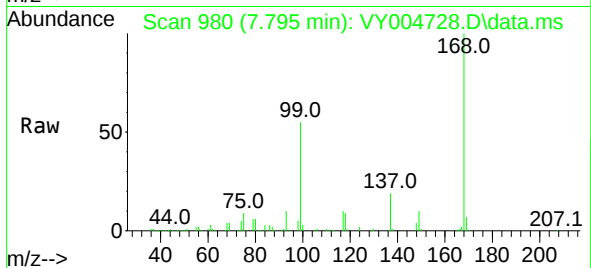




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

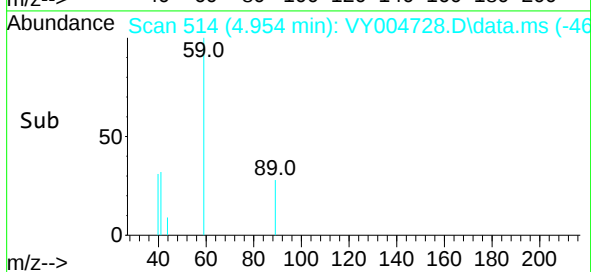
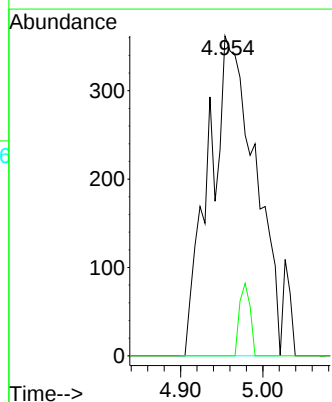
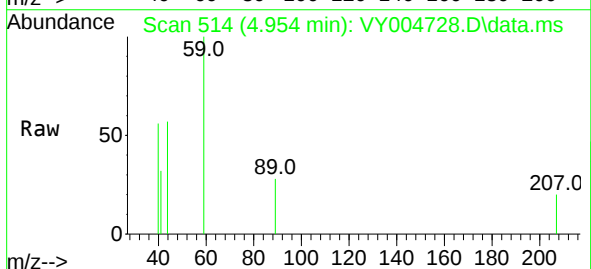
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

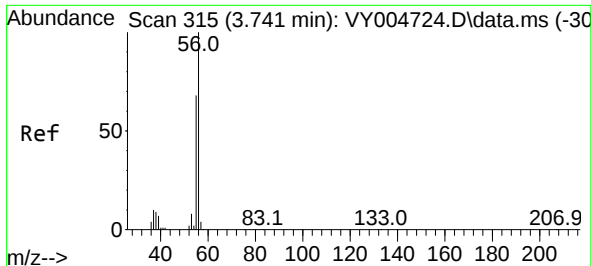
Tgt Ion:168 Resp: 156948
Ion Ratio Lower Upper
168 100
99 54.7 45.6 68.4



#11
Tert butyl alcohol
Concen: 7.52 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

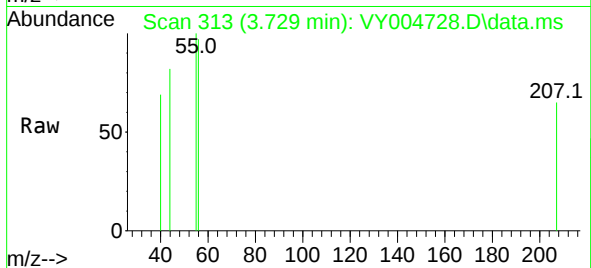
Tgt Ion: 59 Resp: 1411
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



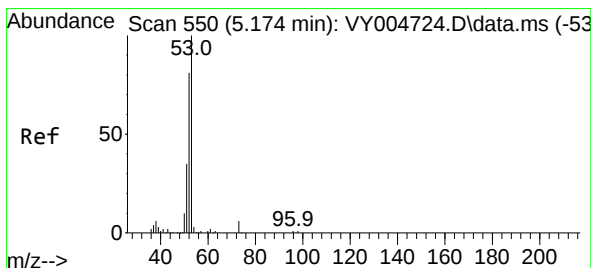
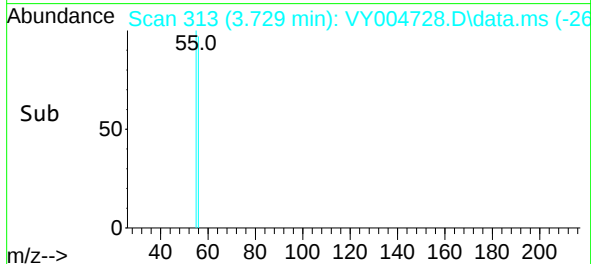
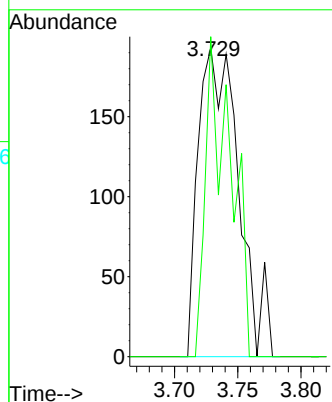


#13
Acrolein
Concen: 1.94 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

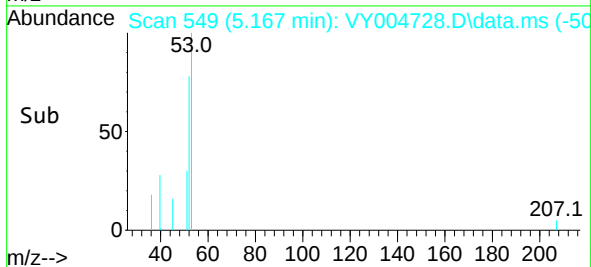
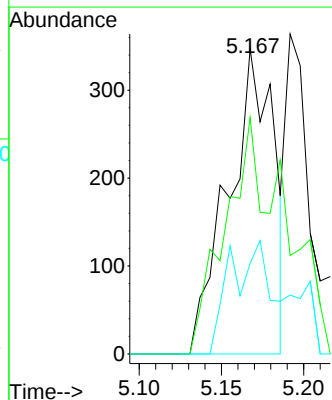
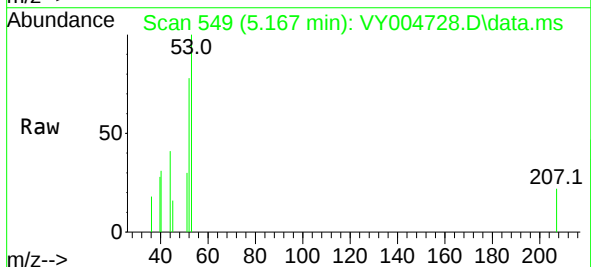


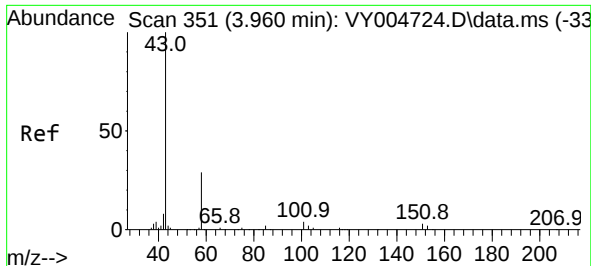
Tgt Ion: 56 Resp: 429
Ion Ratio Lower Upper
56 100
55 64.6 55.3 82.9



#15
Acrylonitrile
Concen: 1.33 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

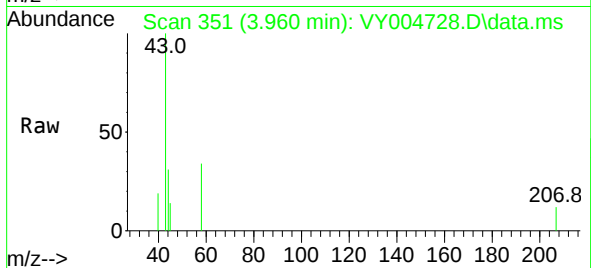
Tgt Ion: 53 Resp: 665
Ion Ratio Lower Upper
53 100
52 102.3 65.0 97.6#
51 32.9 29.3 43.9



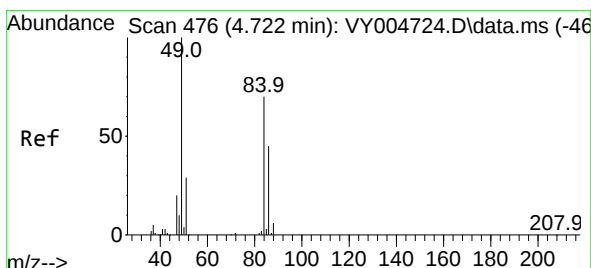
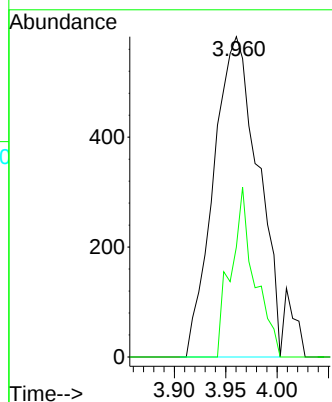
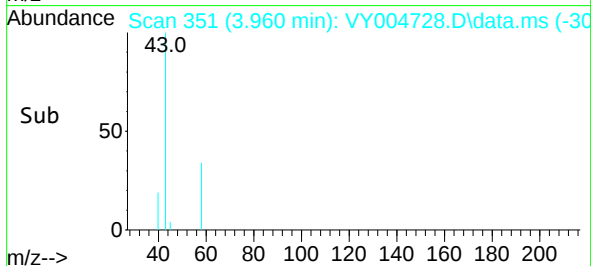


#16
Acetone
Concen: 4.17 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

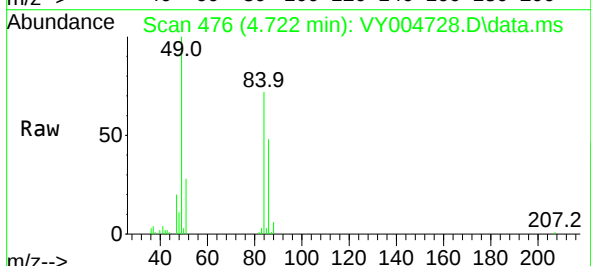
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01



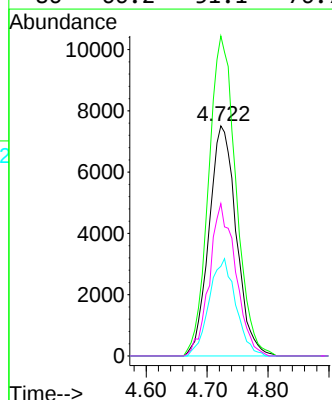
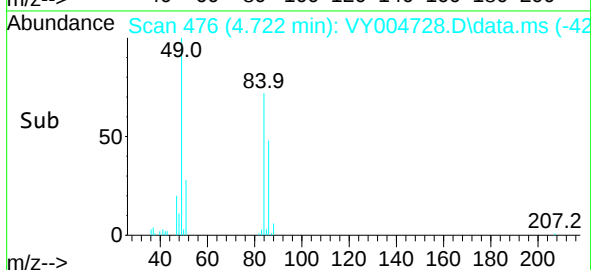
Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 34.3 23.6 35.4

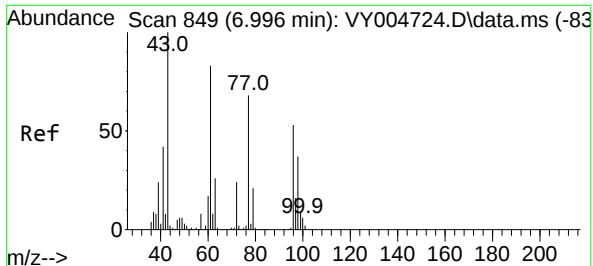


#20
Methylene Chloride
Concen: 4.20 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32



Tgt Ion: 84 Resp: 23378
Ion Ratio Lower Upper
84 100
49 139.1 113.8 170.8
51 39.0 33.5 50.3
86 66.2 51.1 76.7





#25

2-Butanone

Concen: 1.07 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004728.D

Acq: 10 May 2021 14:32

Instrument :

MSVOA_Y

ClientSampleId :

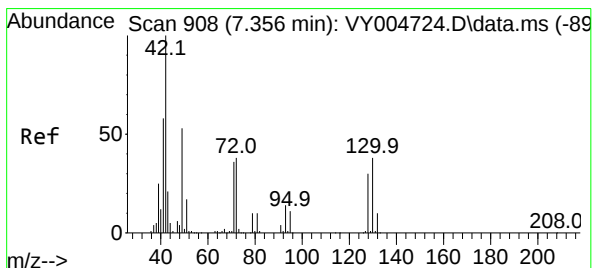
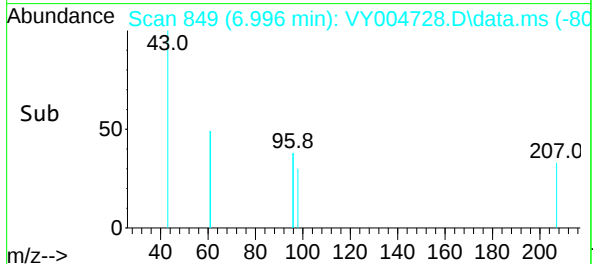
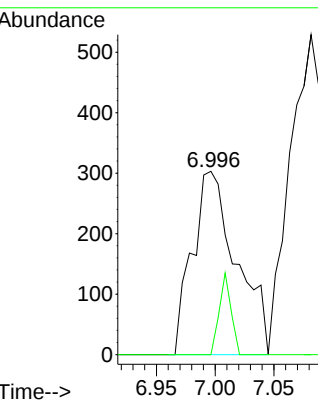
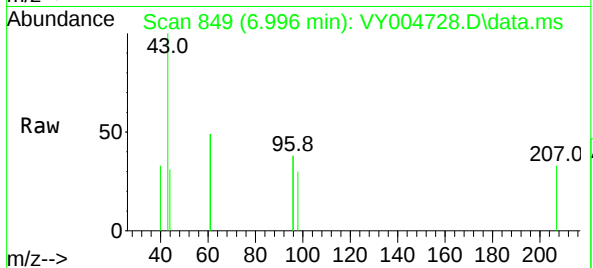
VY0510SBL01

Tgt Ion: 43 Resp: 794

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#29

Tetrahydrofuran

Concen: 2.04 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY004728.D

Acq: 10 May 2021 14:32

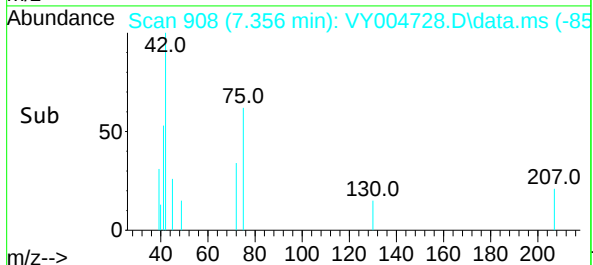
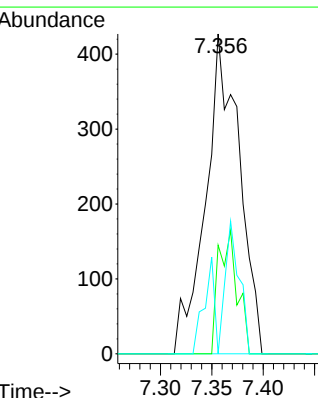
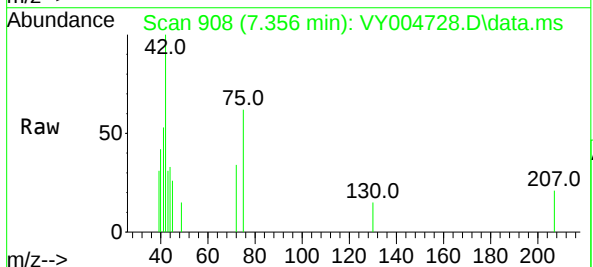
Tgt Ion: 42 Resp: 971

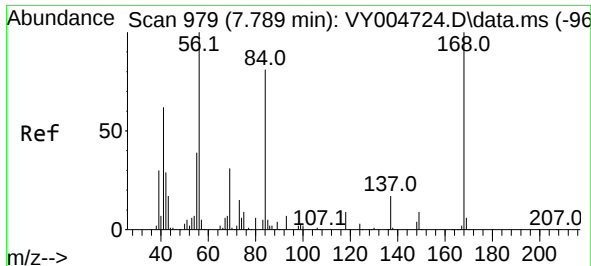
Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.0#

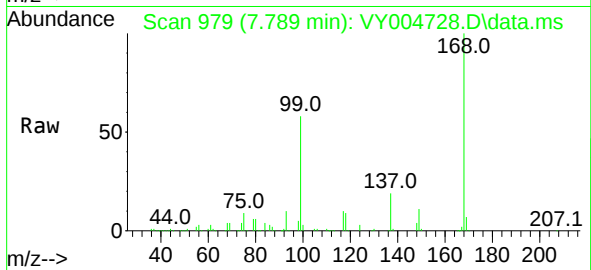
71 9.3 28.0 42.0#



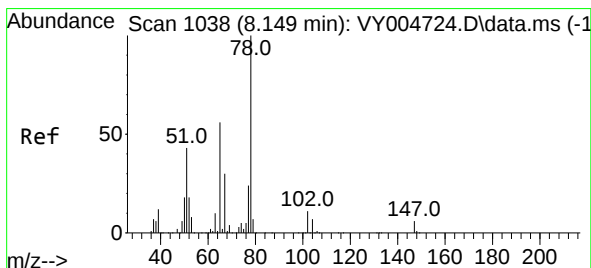
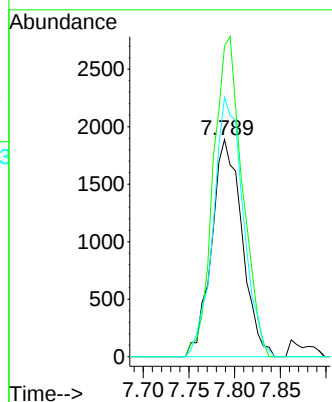
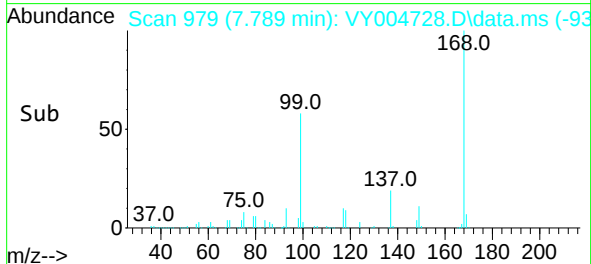


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

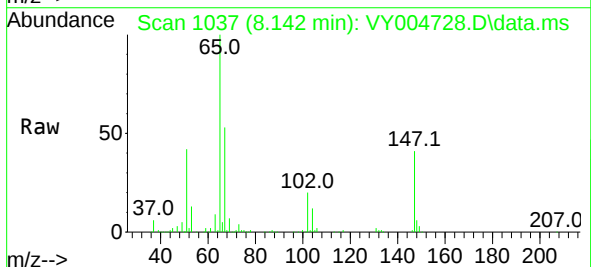
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01



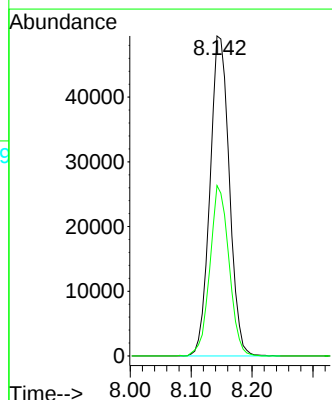
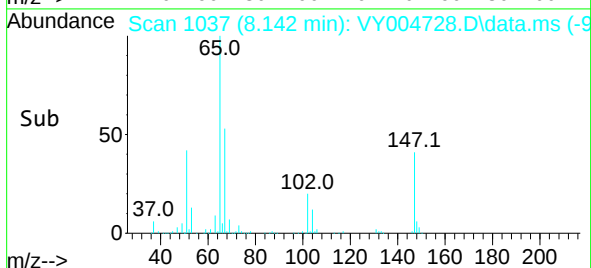
Tgt Ion: 56 Resp: 4368
Ion Ratio Lower Upper
56 100
69 143.2 24.4 36.6#
84 119.4 64.8 97.2#

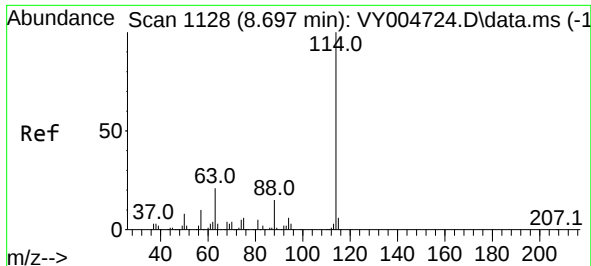


#33
1,2-Dichloroethane-d4
Concen: 58.28 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32



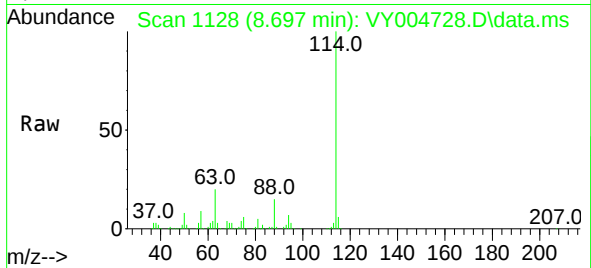
Tgt Ion: 65 Resp: 108874
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0



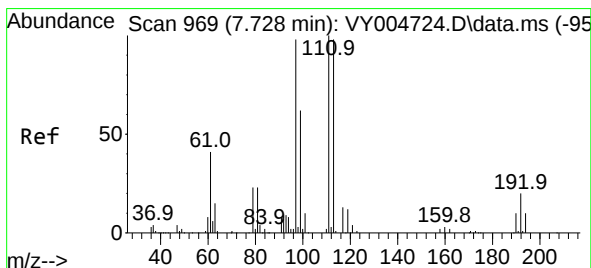
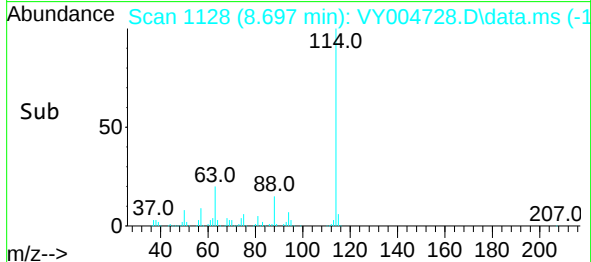
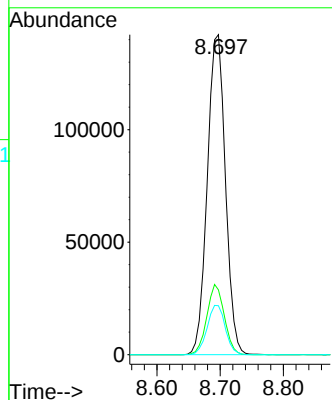


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

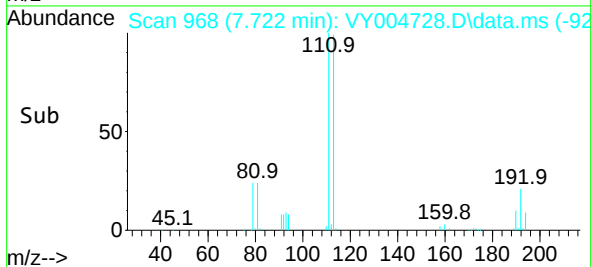
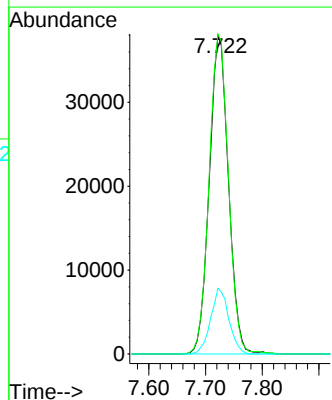
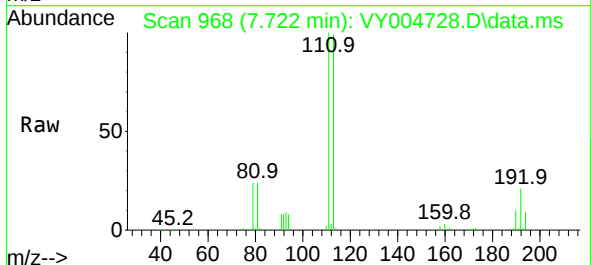


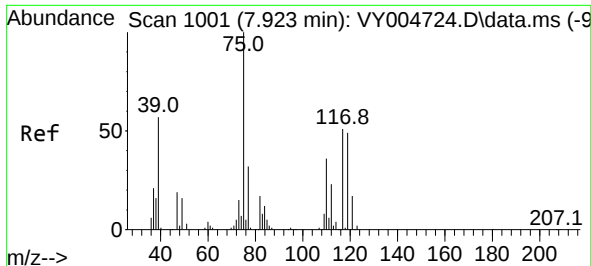
Tgt Ion:114 Resp: 283275
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 15.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 57.46 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Tgt Ion:113 Resp: 89103
Ion Ratio Lower Upper
113 100
111 101.1 80.5 120.7
192 19.5 15.0 22.6

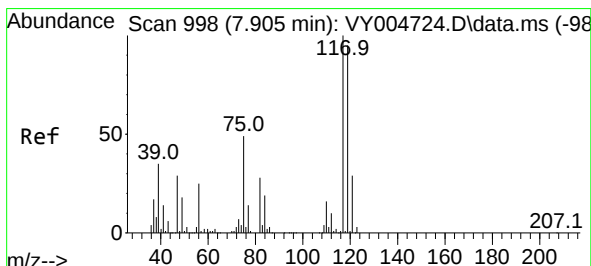
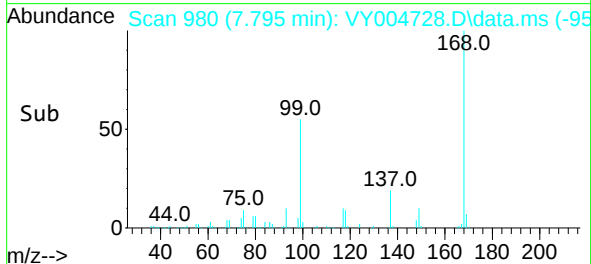
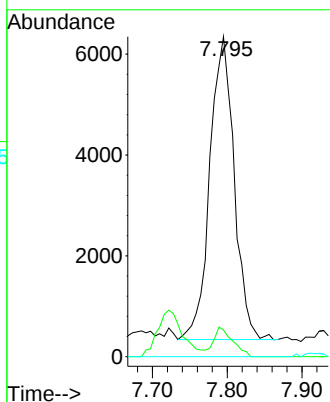
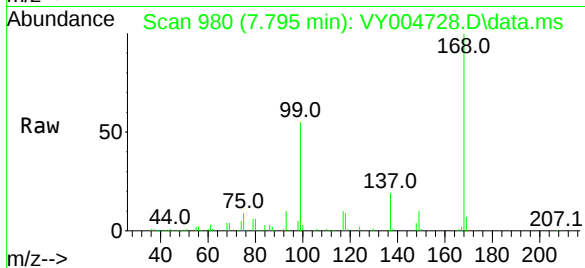




#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

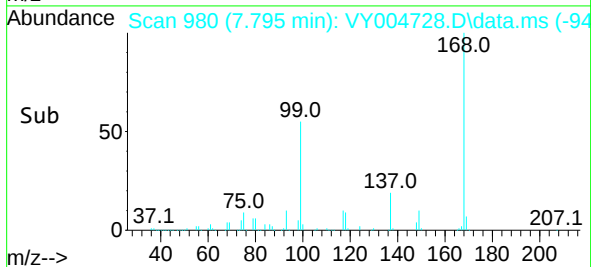
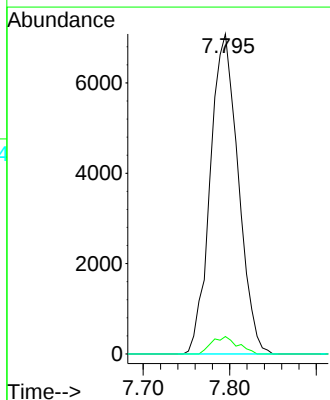
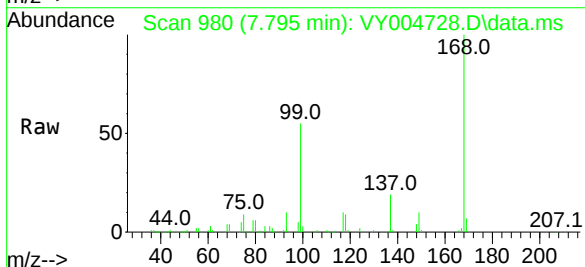
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

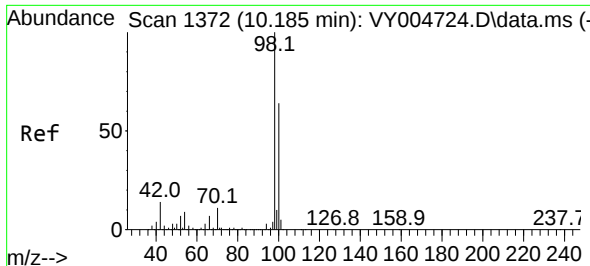
Tgt Ion: 75 Resp: 13624
Ion Ratio Lower Upper
75 100
110 7.6 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Tgt Ion: 117 Resp: 15913
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 23.0 34.6#

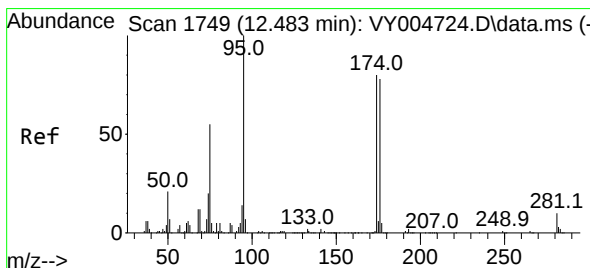
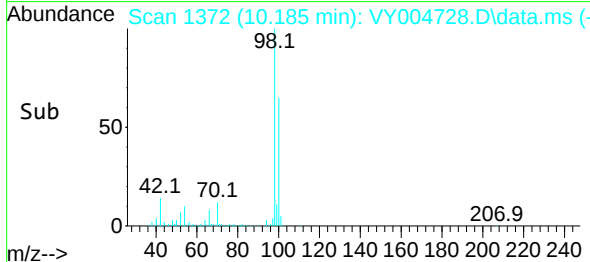
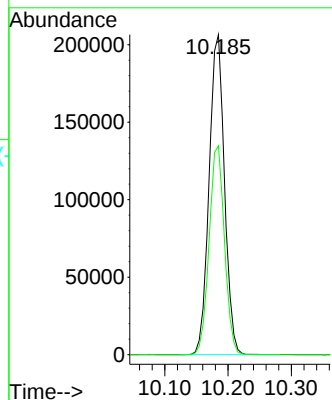
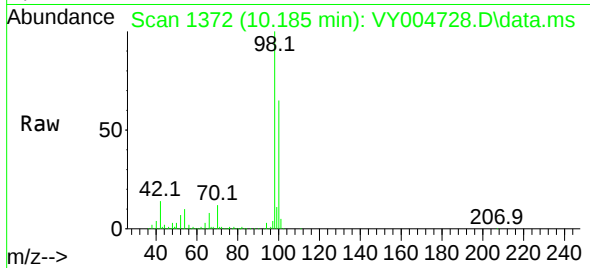




#50
Toluene-d8
Concen: 49.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

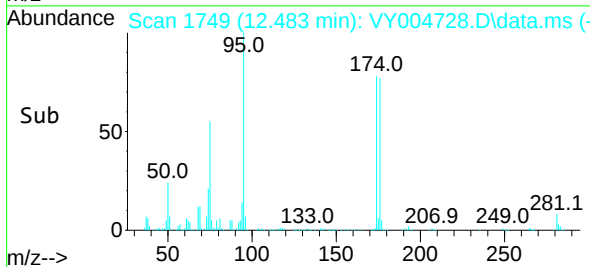
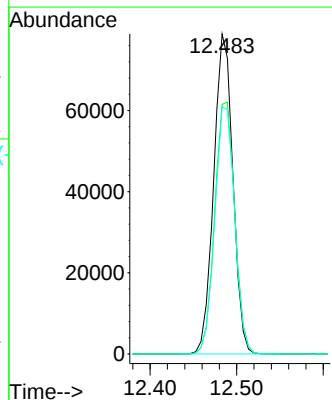
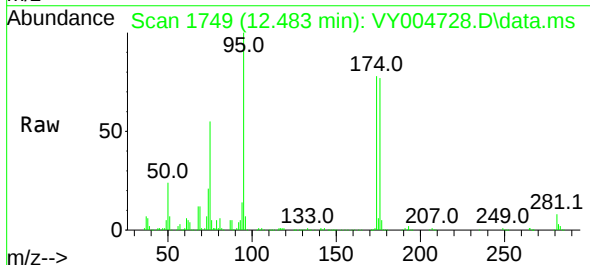
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

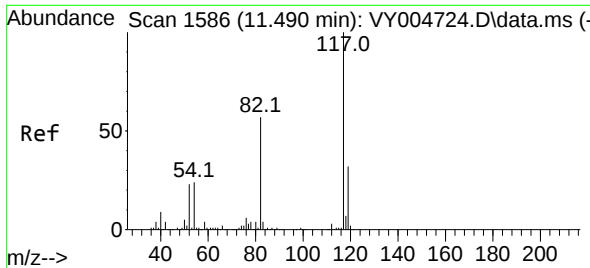
Tgt Ion: 98 Resp: 348938
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Tgt Ion: 95 Resp: 121026
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.2
176 80.2 0.0 159.0

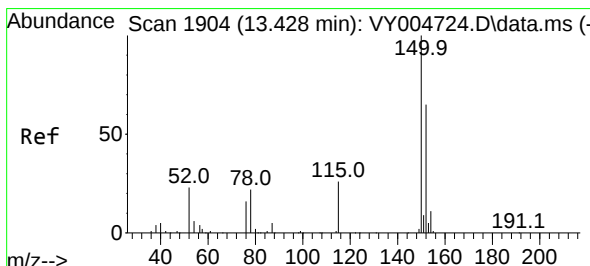
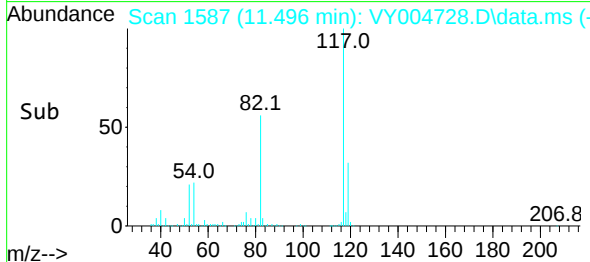
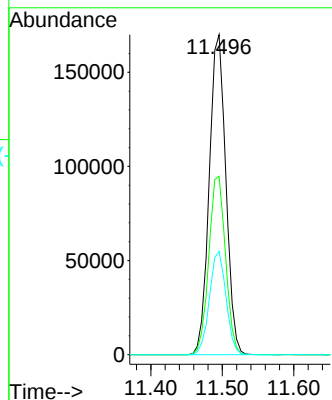
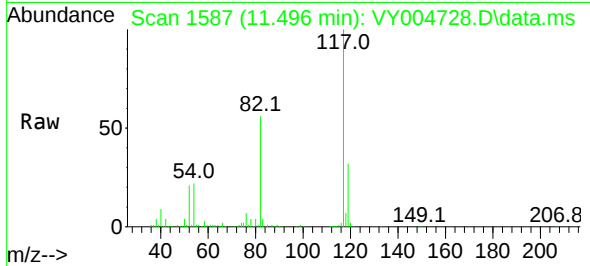




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

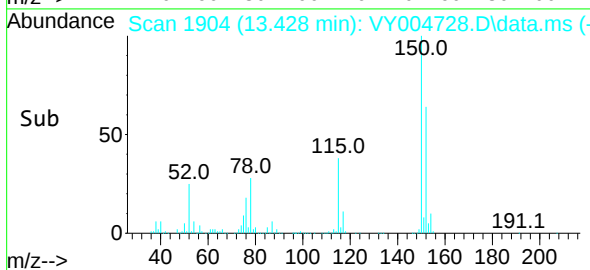
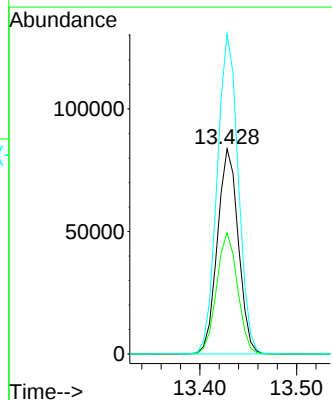
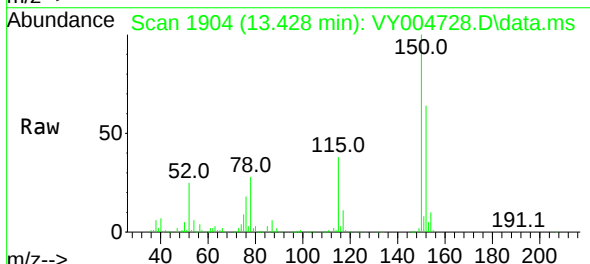
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

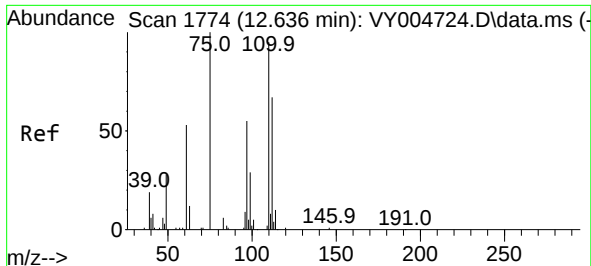
Tgt Ion:	117	Resp:	273765
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.2
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Tgt Ion:	152	Resp:	125534
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.4	88.3
150	158.0	0.0	349.8

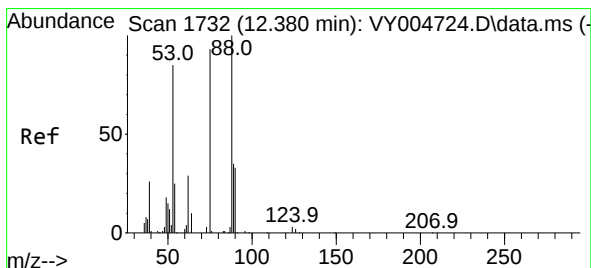
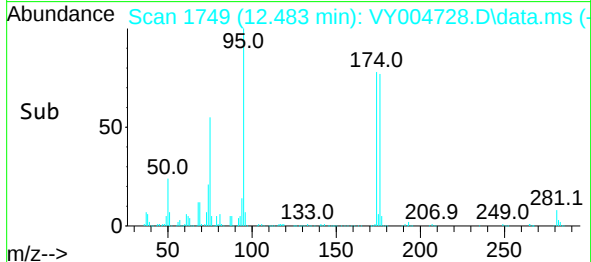
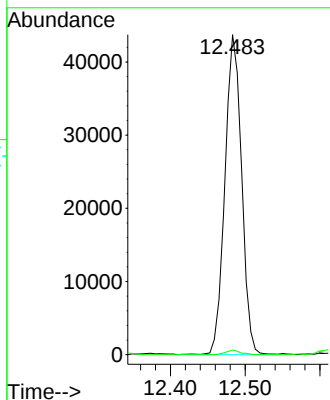
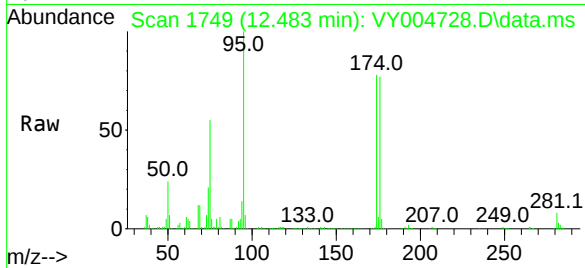




#76
1,2,3-Trichloropropane
Concen: 50.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

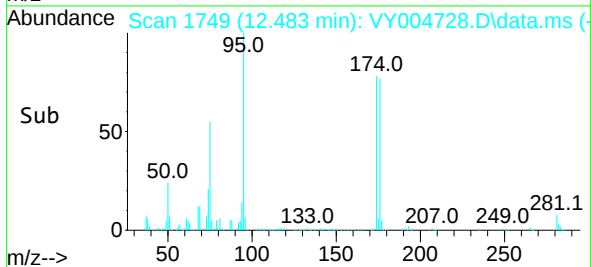
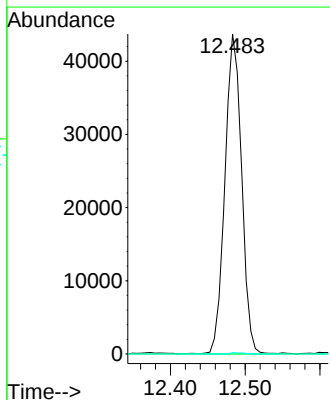
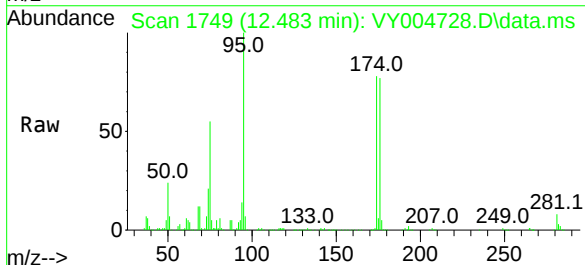
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

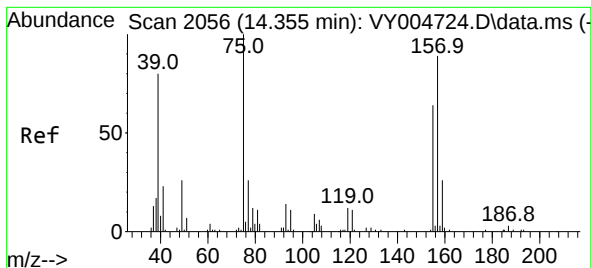
Tgt Ion: 75 Resp: 67971
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

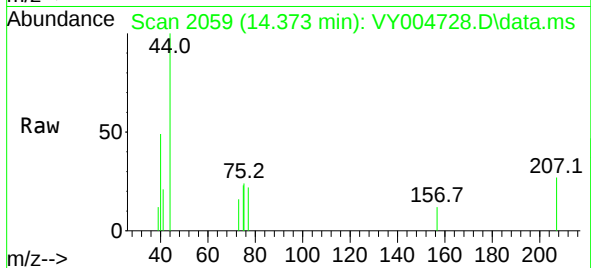
Tgt Ion: 75 Resp: 67971
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.3 35.5 53.3#



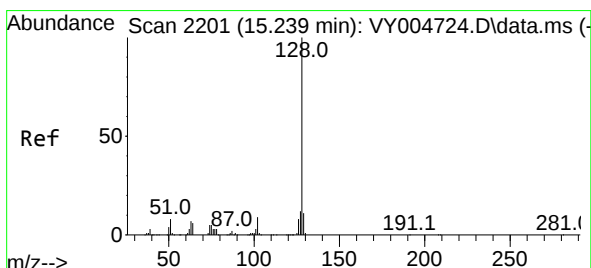
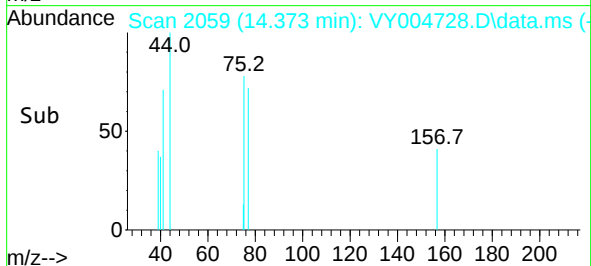
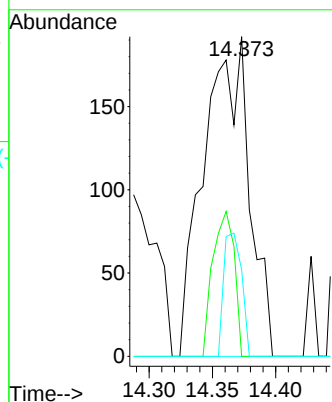


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.35 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

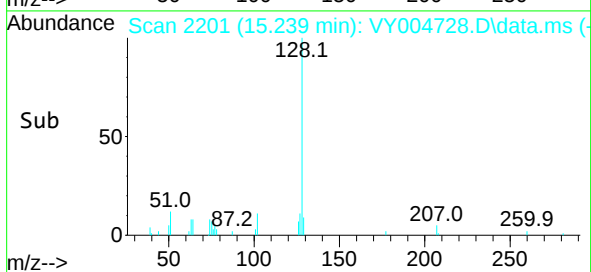
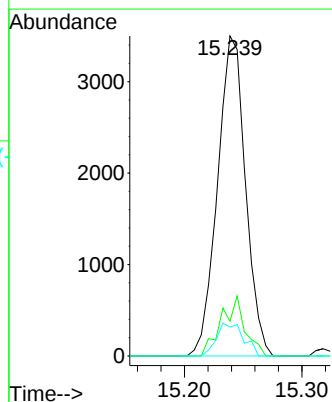
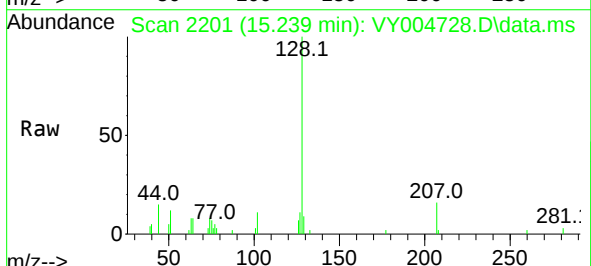


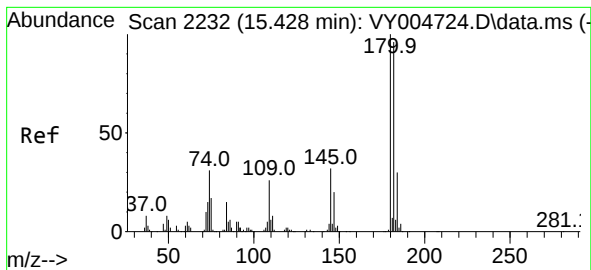
Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
155 21.4 39.0 117.0#
157 15.1 50.2 150.7#



#95
Naphthalene
Concen: 1.12 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004728.D
Acq: 10 May 2021 14:32

Tgt Ion: 128 Resp: 5794
Ion Ratio Lower Upper
128 100
127 15.8 10.2 15.2#
129 9.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.01 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY004728.D
 Acq: 10 May 2021 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Tgt Ion:	180	Resp:	2141
Ion	Ratio	Lower	Upper
180	100		
182	102.8	47.9	143.7
145	29.9	16.3	48.8

