

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004794.D
 Acq On : 17 May 2021 10:49
 Operator : SY/MD
 Sample : VY0517SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:01:52 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)

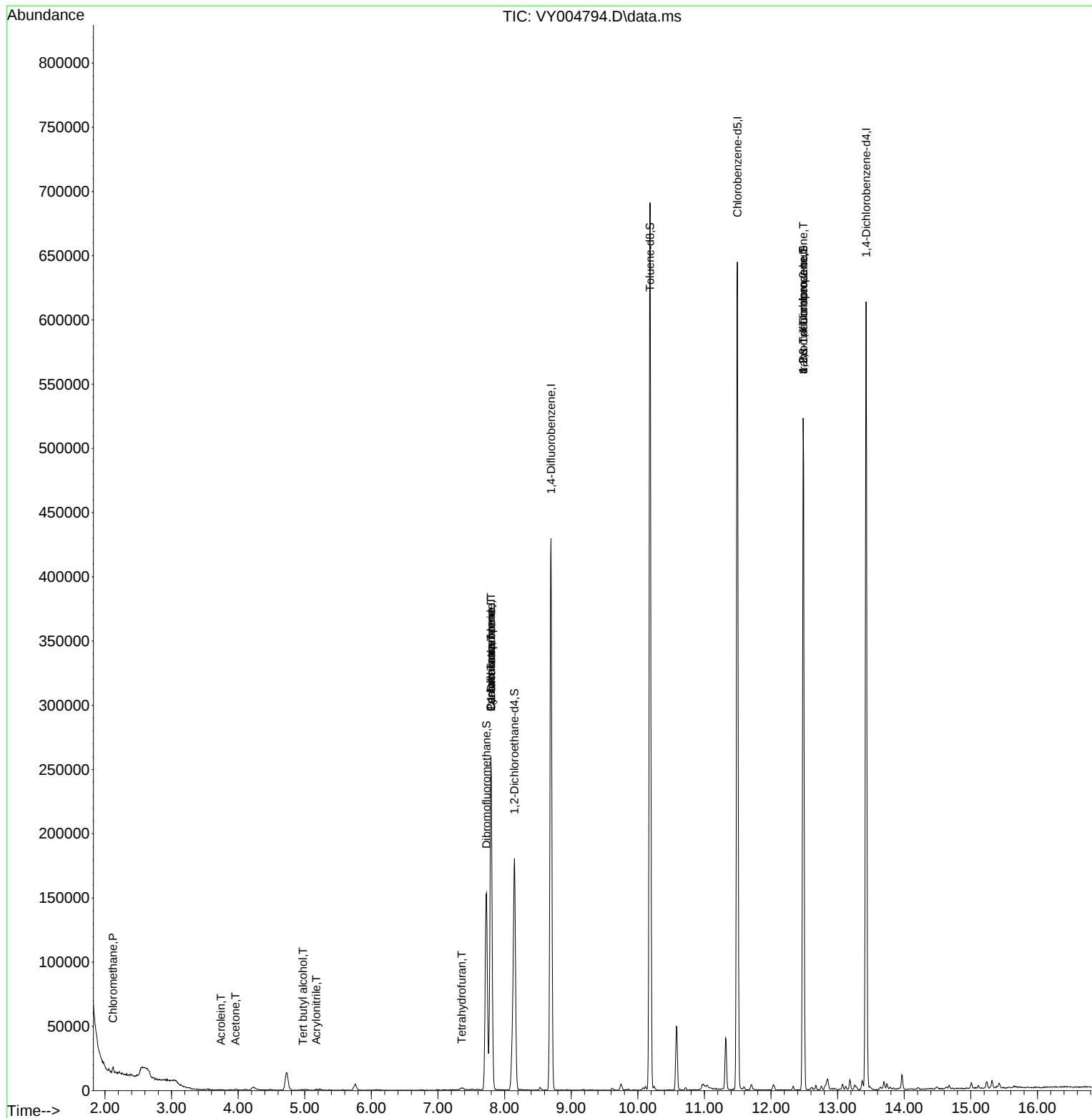
Internal Standards						
1) Pentafluorobenzene	7.795	168	191763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	330224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	129097	56.56	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.12%			
35) Dibromofluoromethane	7.728	113	106681	55.98	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.96%			
50) Toluene-d8	10.185	98	430080	49.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.90%			
62) 4-Bromofluorobenzene	12.483	95	144922	49.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.74%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	3648	1.28	ug/l	96
11) Tert butyl alcohol	4.972	59	483	2.11	ug/l #	71
13) Acrolein	3.741	56	369	1.37	ug/l	98
15) Acrylonitrile	5.173	53	850	1.39	ug/l	96
16) Acetone	3.960	43	1428	2.79	ug/l	92
20) Methylene Chloride	4.722	84	10088	Below Cal		97
29) Tetrahydrofuran	7.356	42	1152	1.98	ug/l #	79
31) Cyclohexane	7.795	56	4685	1.27	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15895	4.46	ug/l #	51
38) Carbon Tetrachloride	7.795	117	19463	6.07	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80715	51.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80715	88.97	ug/l #	13

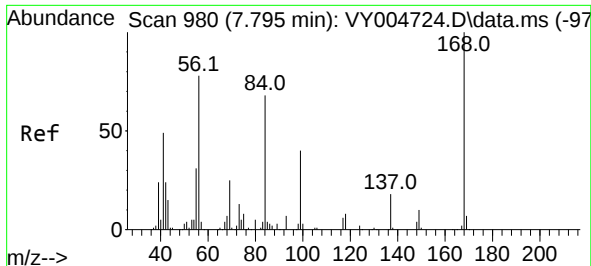
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

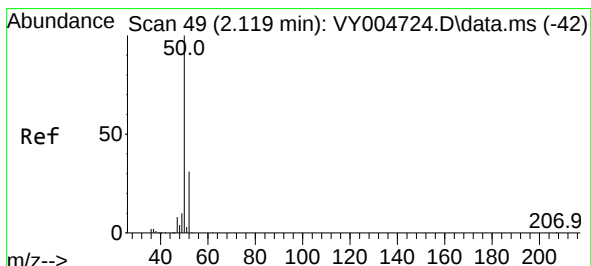
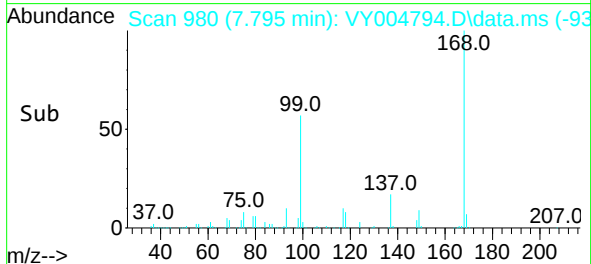
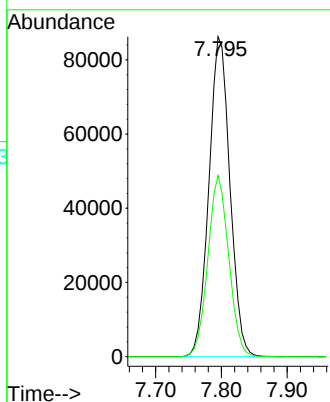
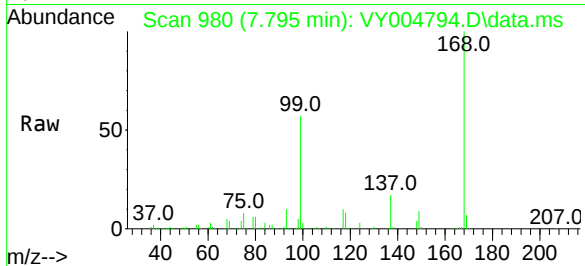




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

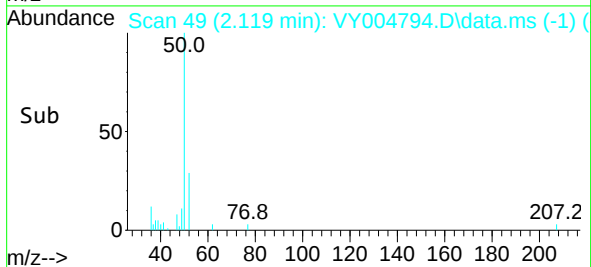
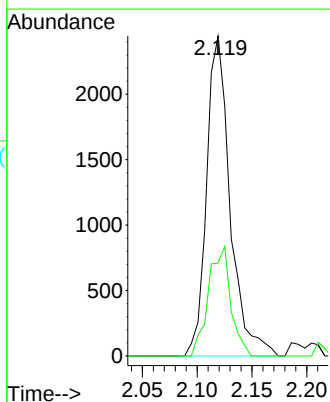
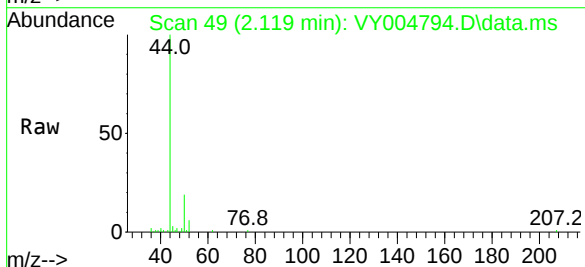
Instrument :
MSVOA_Y
ClientSampled :

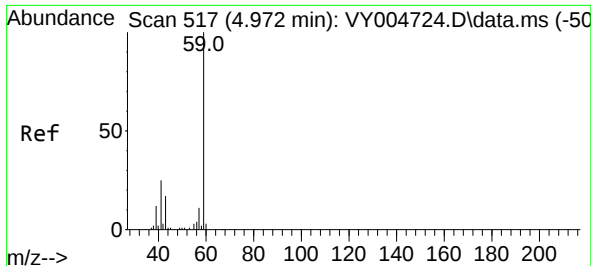
Tgt Ion:168 Resp: 191763
Ion Ratio Lower Upper
168 100
99 56.7 45.6 68.4



#3
Chloromethane
Concen: 1.28 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 50 Resp: 3648
Ion Ratio Lower Upper
50 100
52 29.0 25.0 37.6





#11

Tert butyl alcohol

Concen: 2.11 ug/l

RT: 4.972 min Scan# 517

Delta R.T. -0.000 min

Lab File: VY004794.D

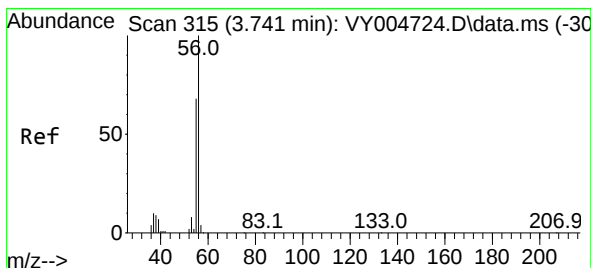
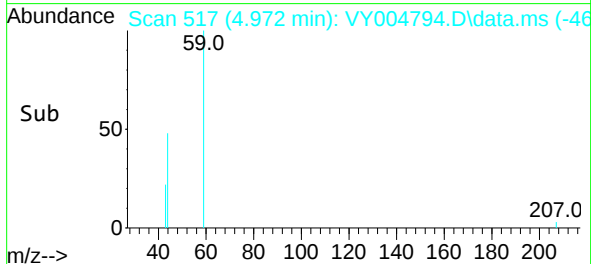
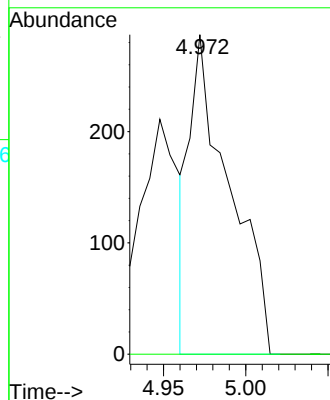
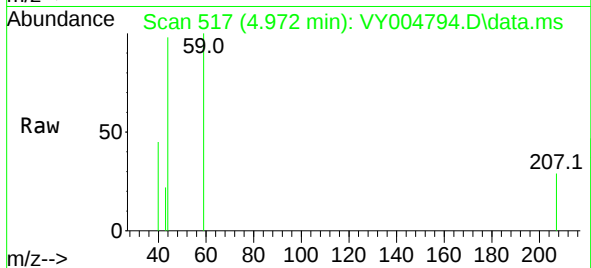
Acq: 17 May 2021 10:49

Tgt Ion: 59 Resp: 483

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 1.37 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY004794.D

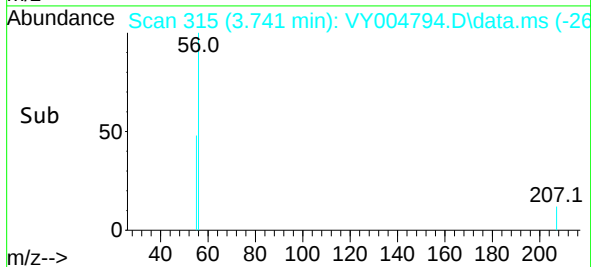
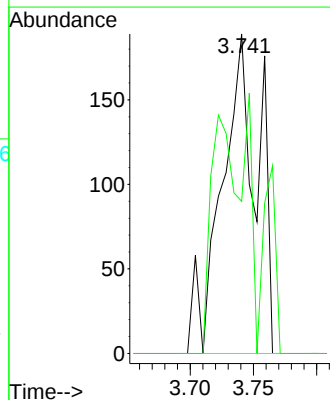
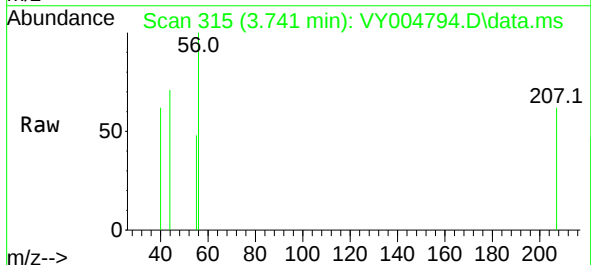
Acq: 17 May 2021 10:49

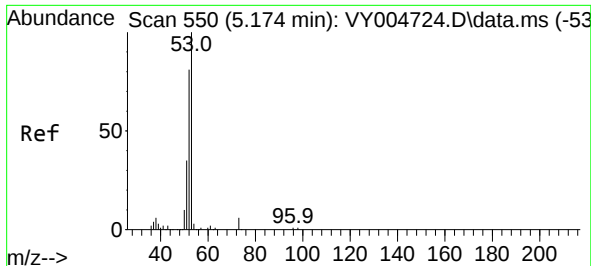
Tgt Ion: 56 Resp: 369

Ion Ratio Lower Upper

56 100

55 71.0 55.3 82.9

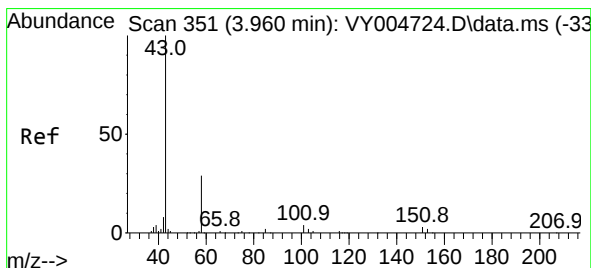
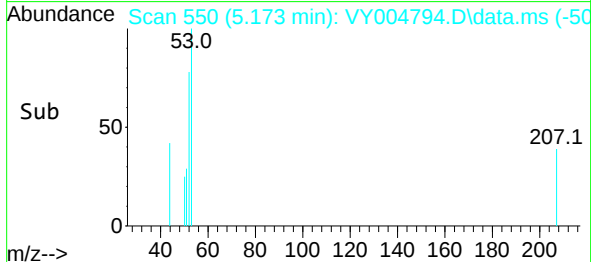
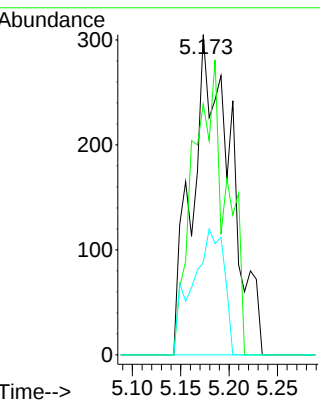
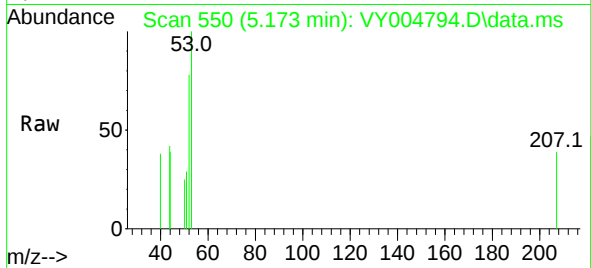




#15
Acrylonitrile
Concen: 1.39 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

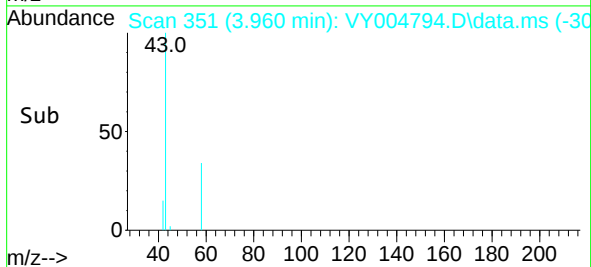
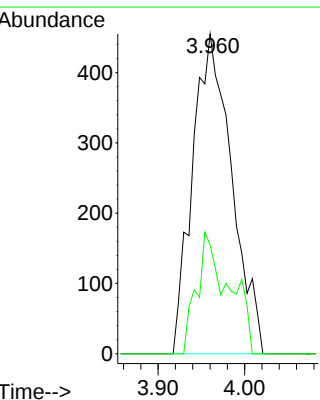
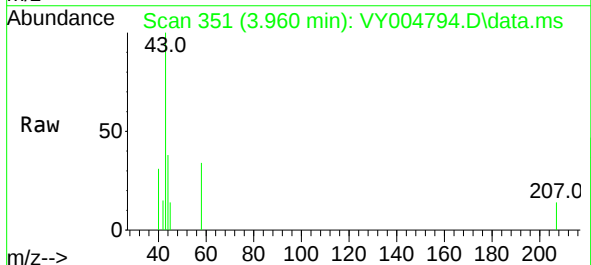
Instrument :
MSVOA_Y
ClientSampled :

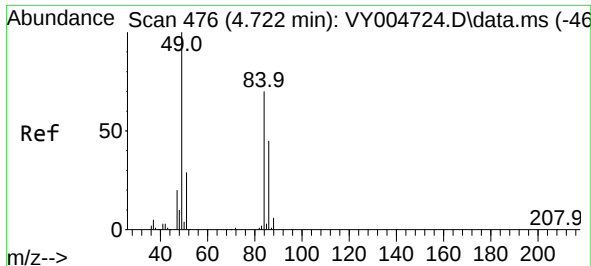
Tgt Ion: 53 Resp: 850
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.6
51 32.4 29.3 43.9



#16
Acetone
Concen: 2.79 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 34.1 23.6 35.4





#20

Methylene Chloride

Concen: Below Cal

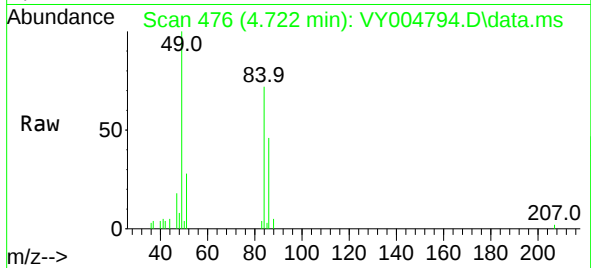
RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY004794.D

Acq: 17 May 2021 10:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10088

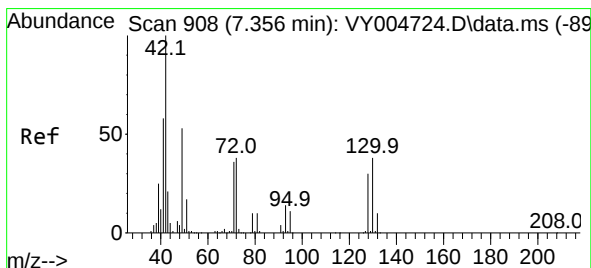
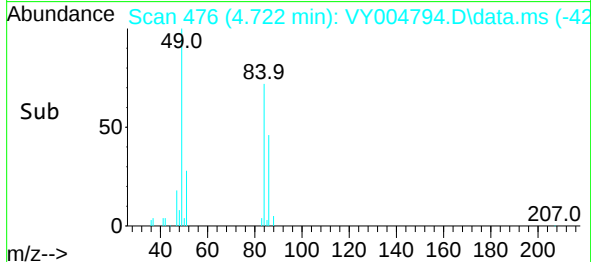
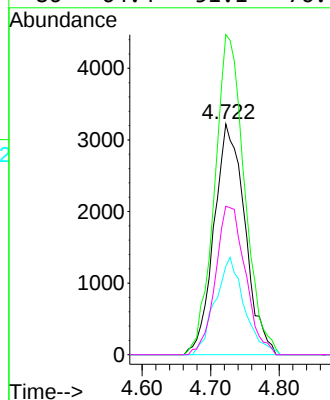
Ion Ratio Lower Upper

84 100

49 138.7 113.8 170.8

51 38.4 33.5 50.3

86 64.4 51.1 76.7



#29

Tetrahydrofuran

Concen: 1.98 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY004794.D

Acq: 17 May 2021 10:49

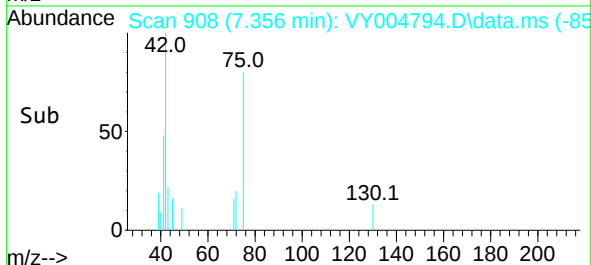
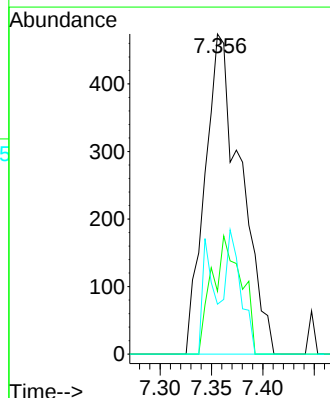
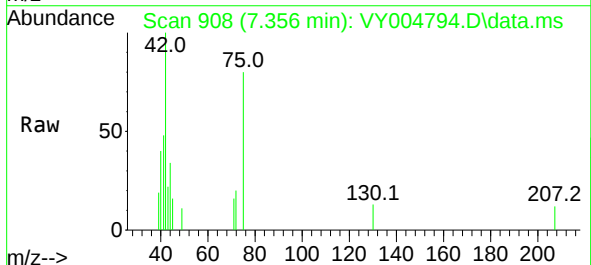
Tgt Ion: 42 Resp: 1152

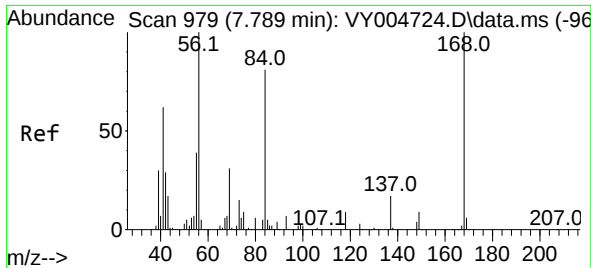
Ion Ratio Lower Upper

42 100

72 30.0 29.4 44.0

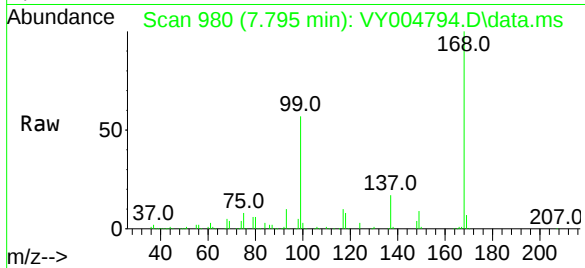
71 17.1 28.0 42.0#



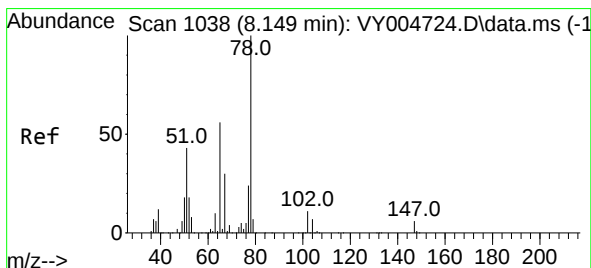
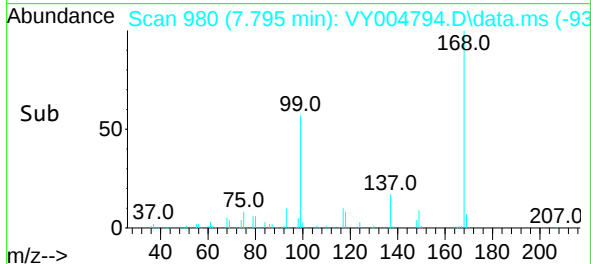
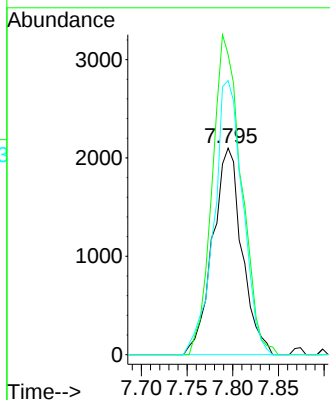


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Instrument :
MSVOA_Y
ClientSampled :

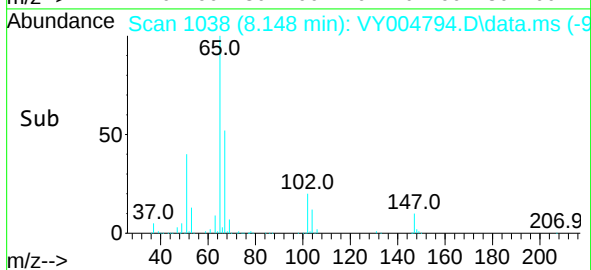
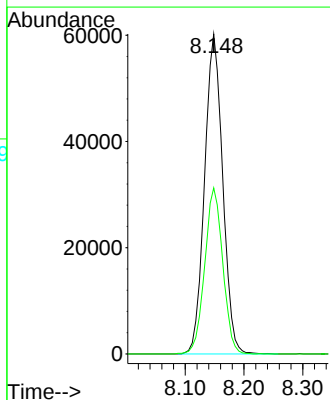
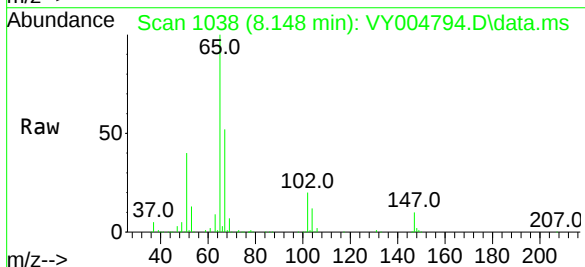


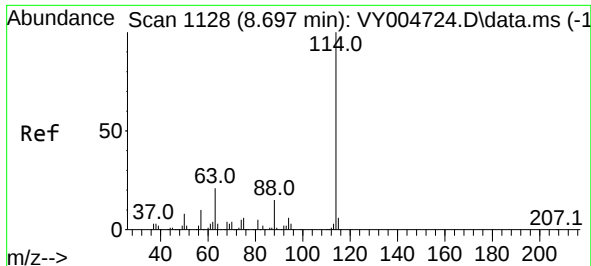
Tgt Ion: 56 Resp: 4685
Ion Ratio Lower Upper
56 100
69 145.4 24.4 36.6#
84 132.7 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 56.56 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 65 Resp: 129097
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

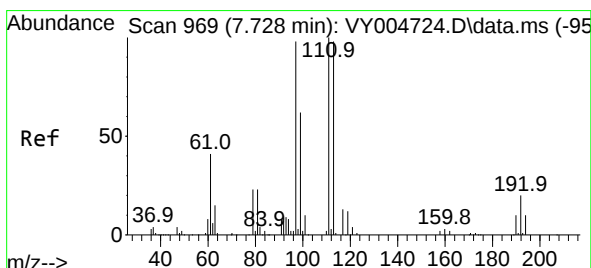
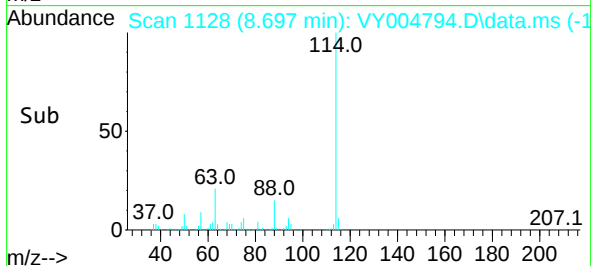
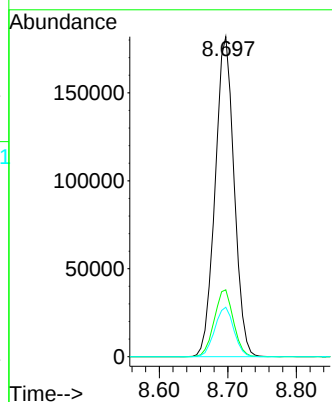
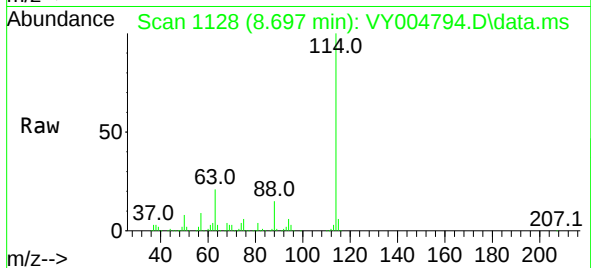
Delta R.T. -0.000 min

Lab File: VY004794.D

Acq: 17 May 2021 10:49

Tgt Ion:	114	Resp:	348133
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	15.5	0.0	31.0

Instrument :
MSVOA_Y
ClientSampleId :



#35

Dibromofluoromethane

Concen: 55.98 ug/l

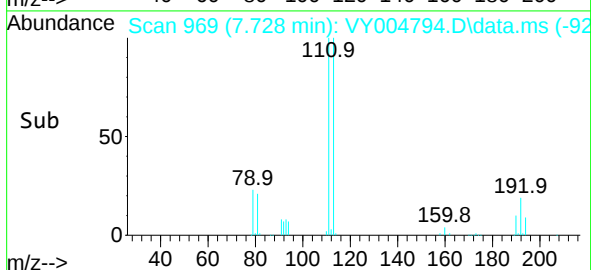
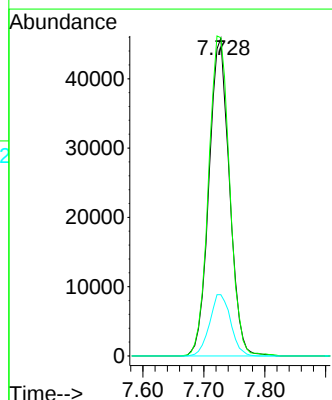
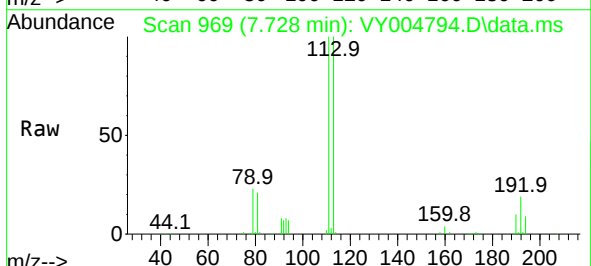
RT: 7.728 min Scan# 969

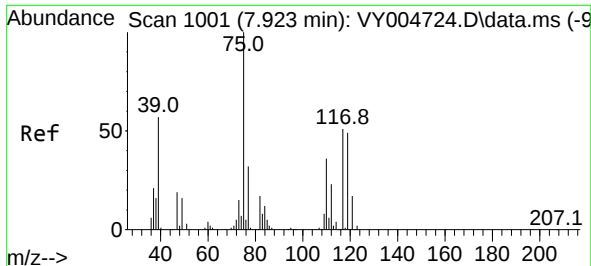
Delta R.T. -0.000 min

Lab File: VY004794.D

Acq: 17 May 2021 10:49

Tgt Ion:	113	Resp:	106681
Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.5	120.7
192	20.0	15.0	22.6

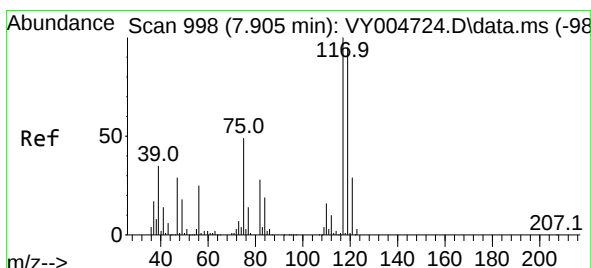
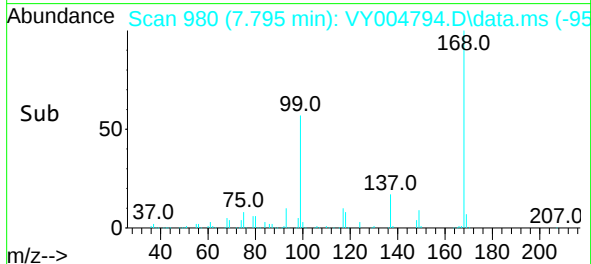
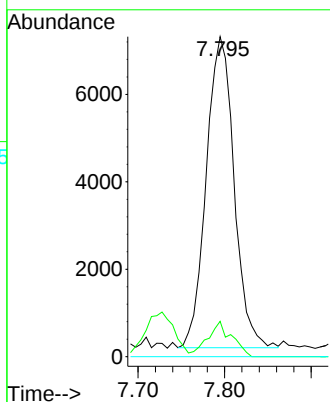
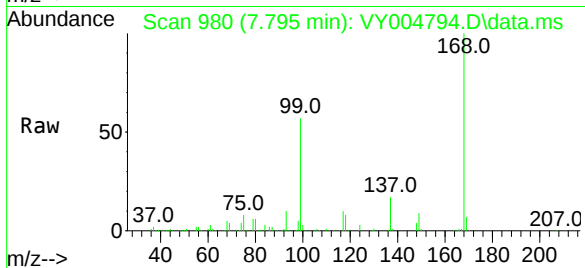




#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

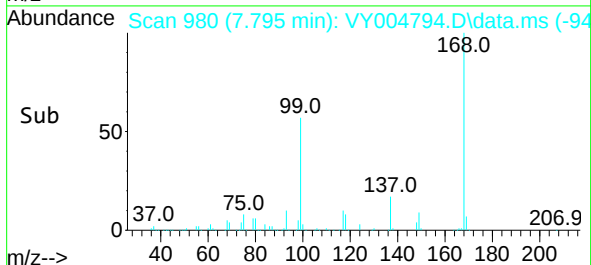
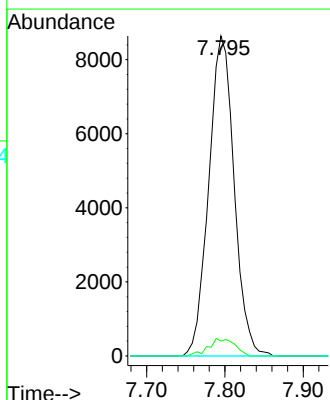
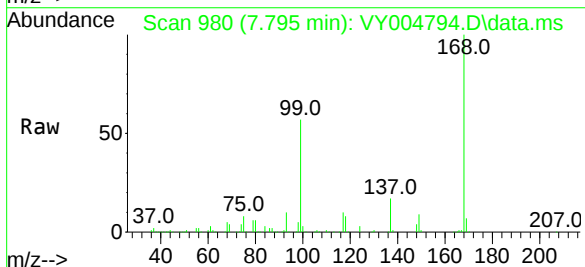
Instrument :
MSVOA_Y
ClientSampleId :

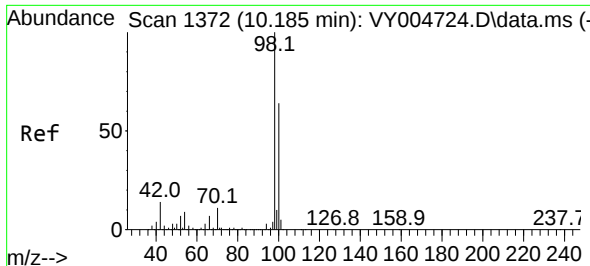
Tgt Ion: 75 Resp: 15895
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 117 Resp: 19463
Ion Ratio Lower Upper
117 100
119 4.7 76.3 114.5#
121 0.0 23.0 34.6#

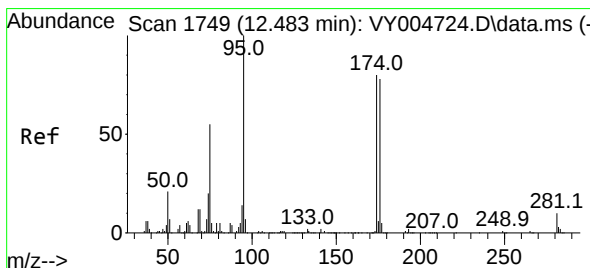
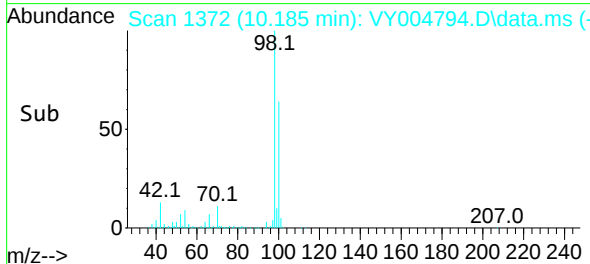
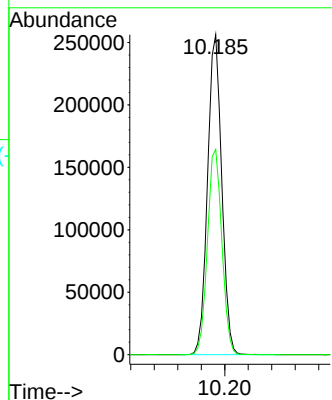
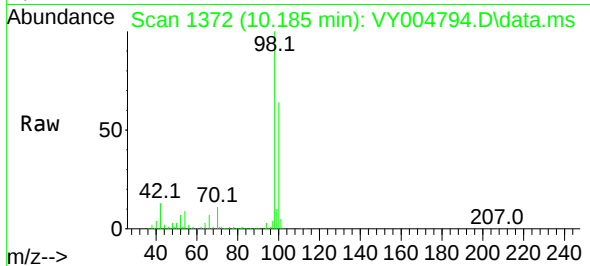




#50
Toluene-d8
Concen: 49.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

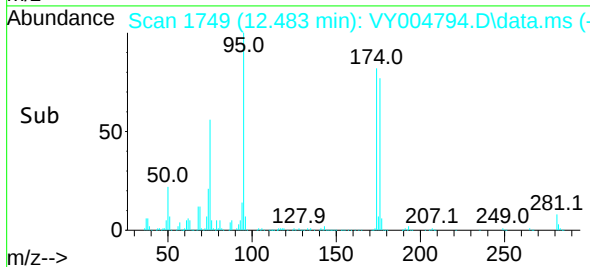
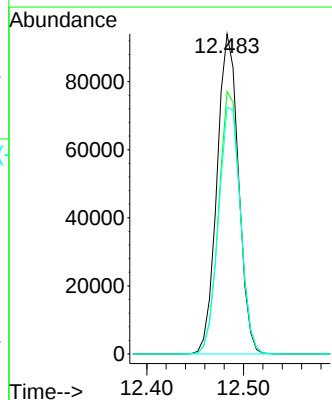
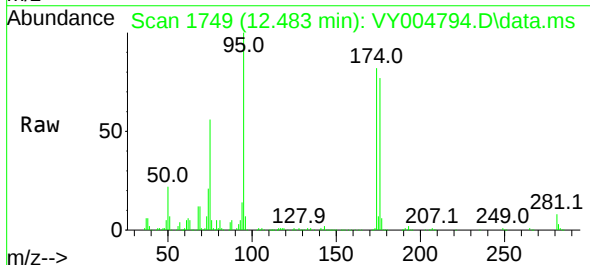
Instrument :
MSVOA_Y
ClientSampled :

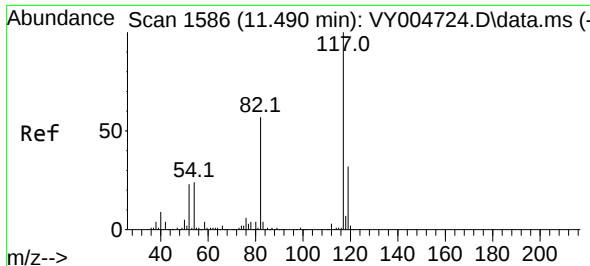
Tgt Ion: 98 Resp: 430080
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 95 Resp: 144922
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.2
176 79.2 0.0 159.0

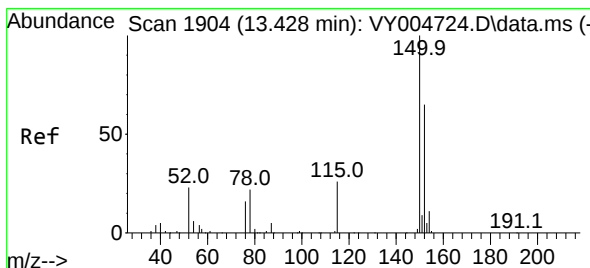
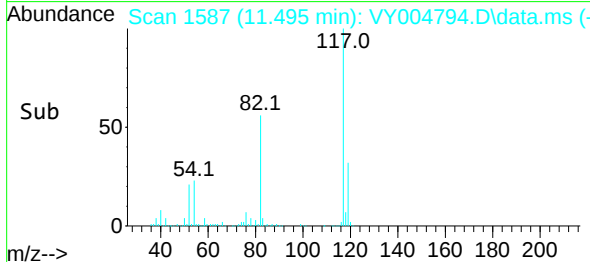
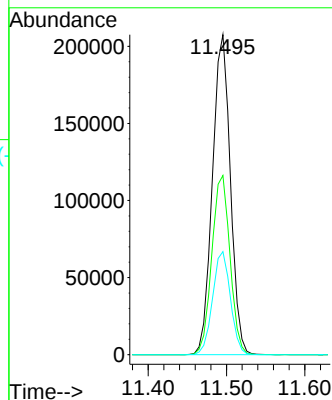
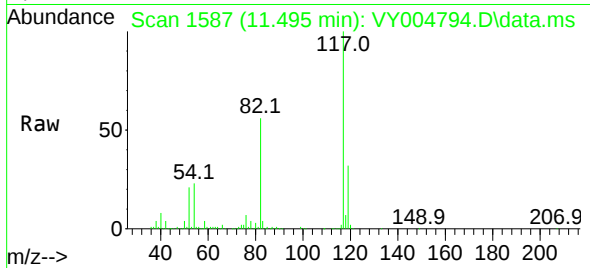




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

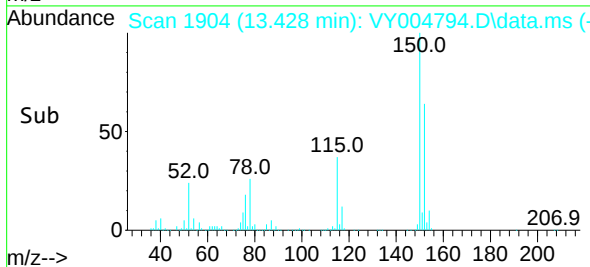
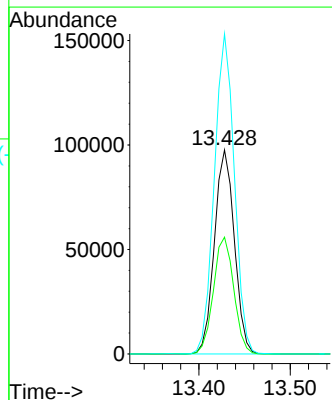
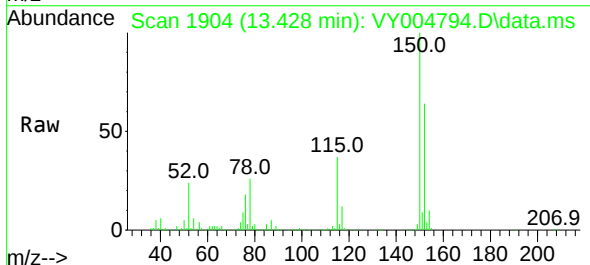
Instrument :
MSVOA_Y
ClientSampleId :

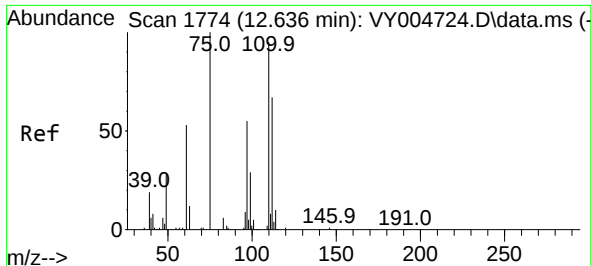
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.2
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.4	88.3
150	157.4	0.0	349.8

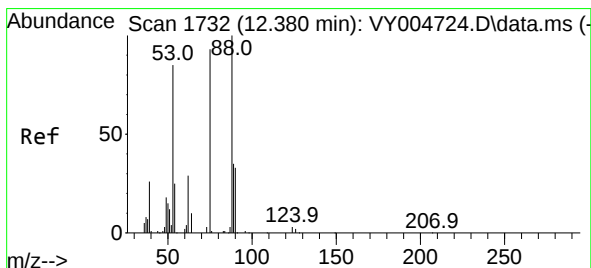
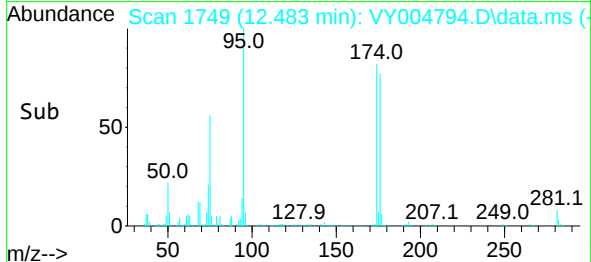
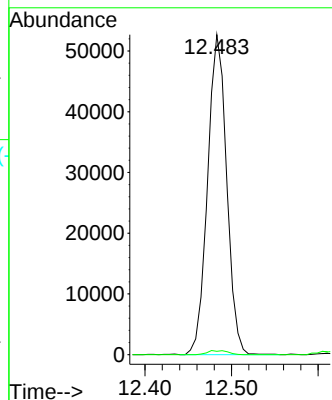
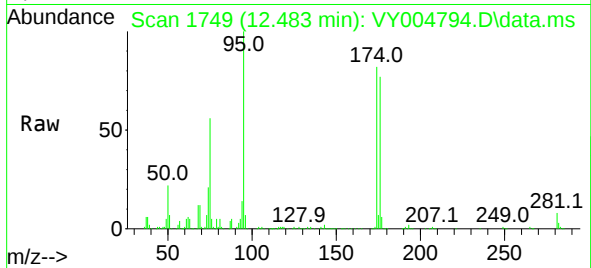




#76
1,2,3-Trichloropropane
Concen: 51.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80715
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Tgt Ion: 75 Resp: 80715
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 35.5 53.3#

