

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 :
 VY0517SBL01

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)

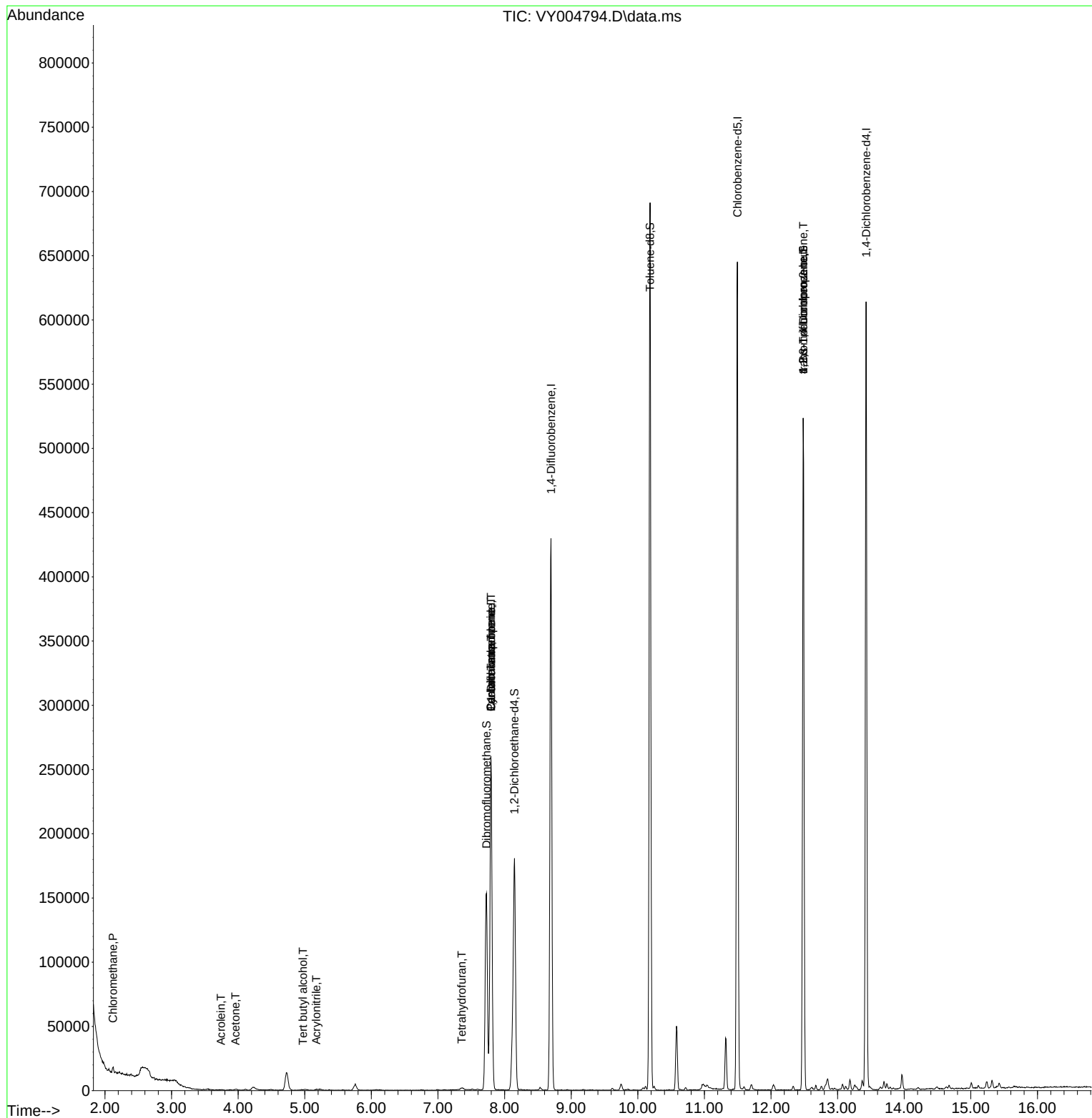
Internal Standards						
1) Pentafluorobenzene	7.795	168	191763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	330224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

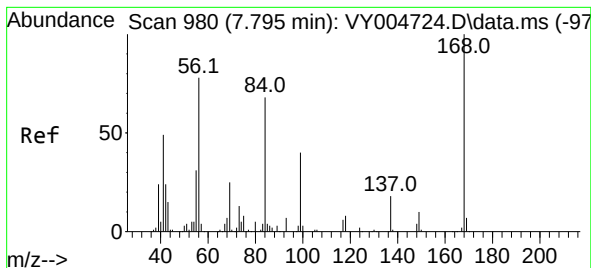
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY004794.D

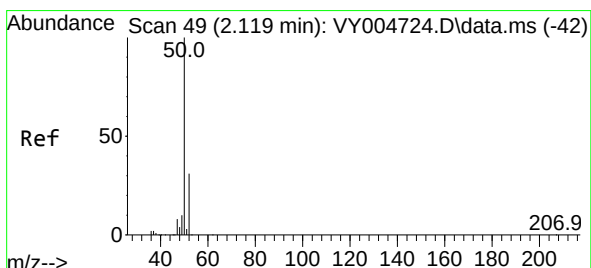
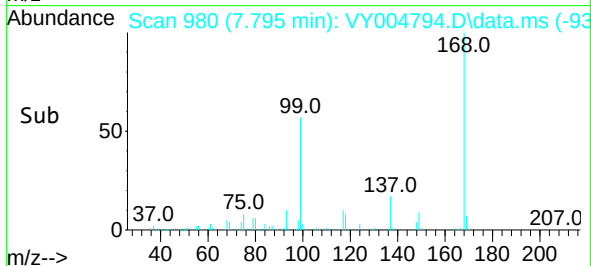
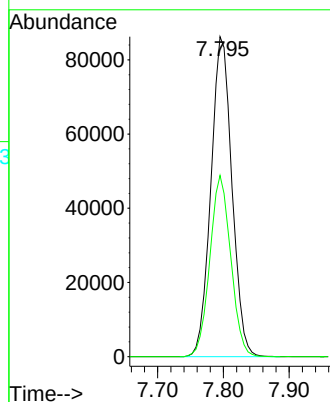
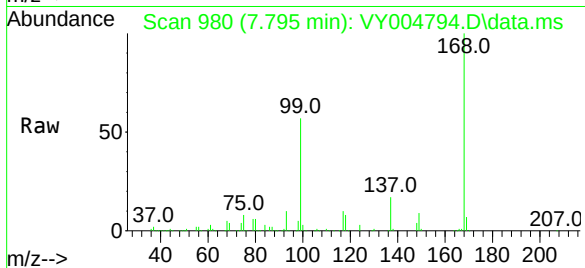
Acq: 17 May 2021 10:49

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

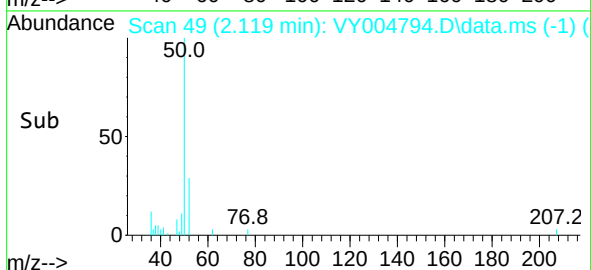
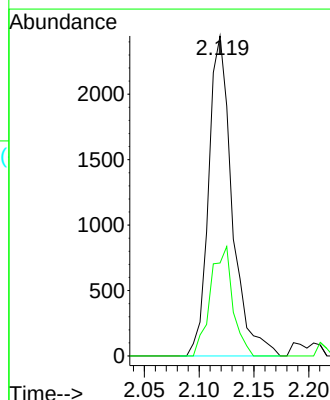
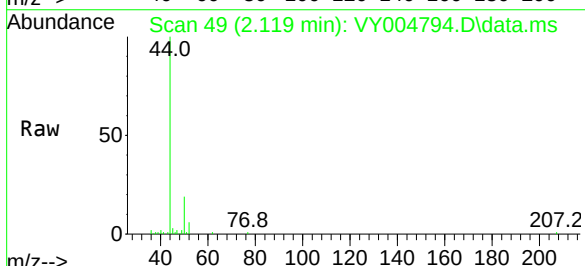
Acq: 17 May 2021 10:49

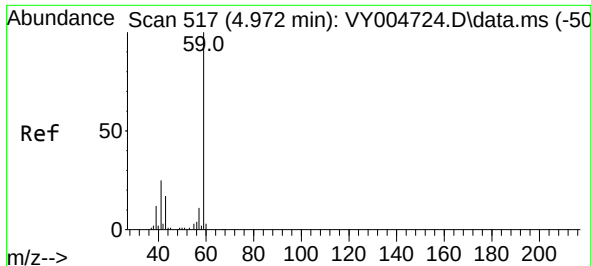
Tgt Ion: 50 Resp: 3648

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

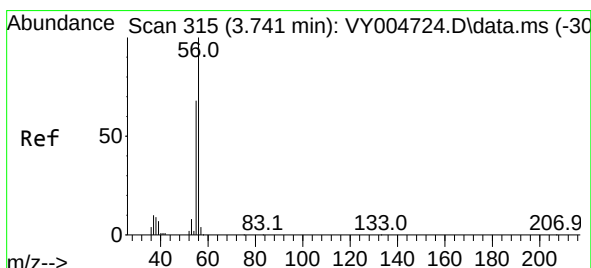
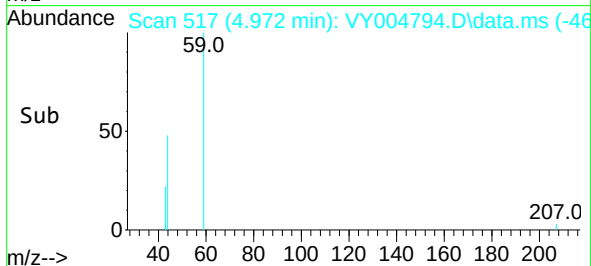
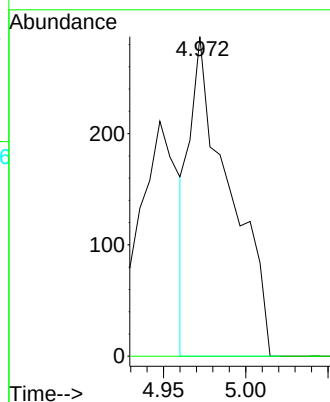
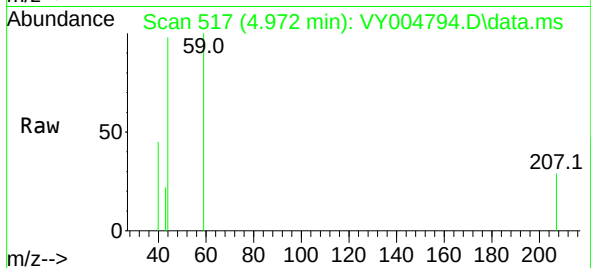
57 0.0 8.7 13.1#

Instrument :

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#13

Acrolein

Concen: 1.37 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY004794.D

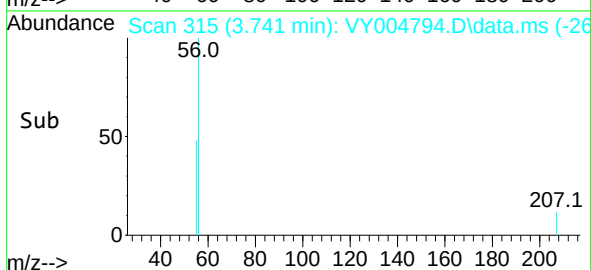
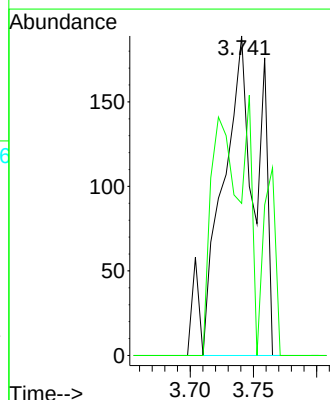
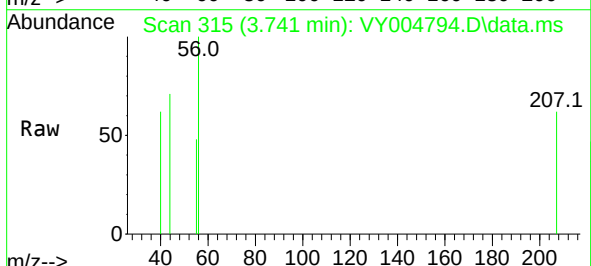
Acq: 17 May 2021 10:49

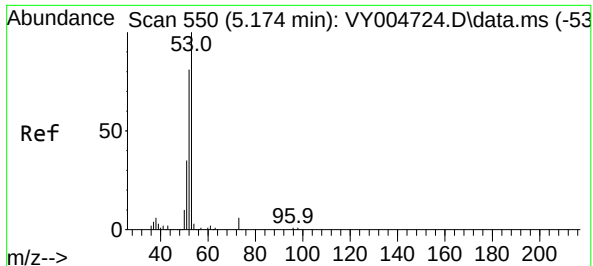
Tgt Ion: 56 Resp: 369

Ion Ratio Lower Upper

56 100

55 71.0 55.3 82.9

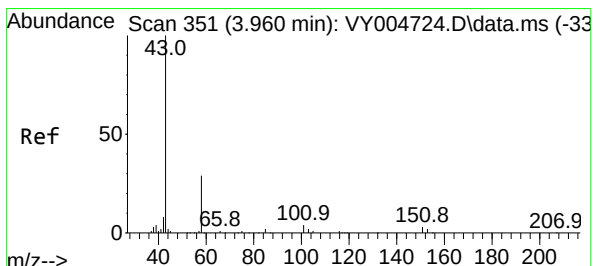
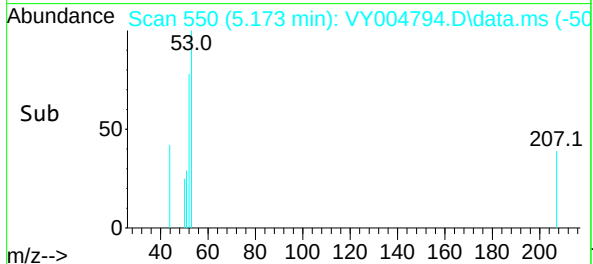
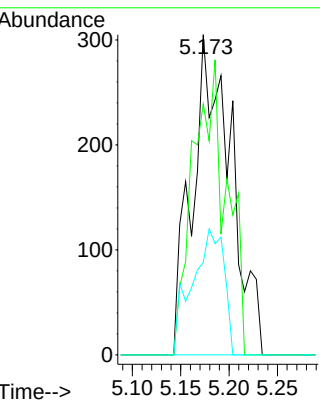
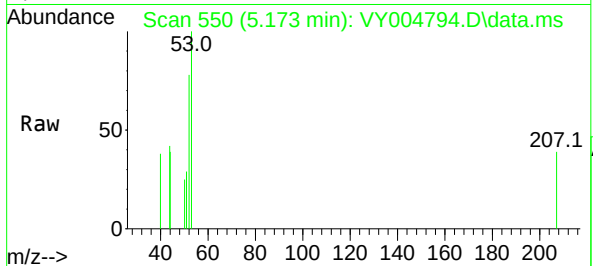




#15
Acrylonitrile
Concen: 1.39 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

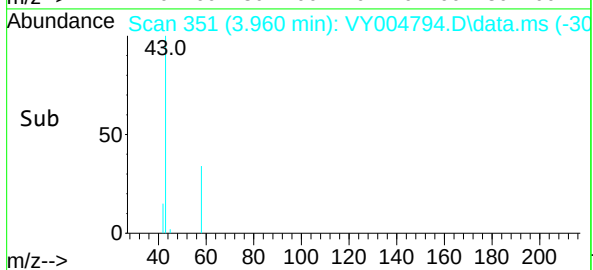
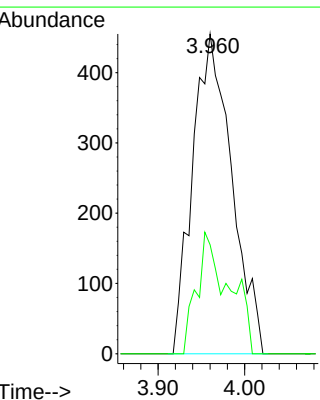
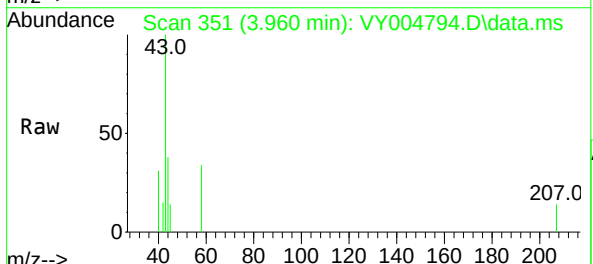
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

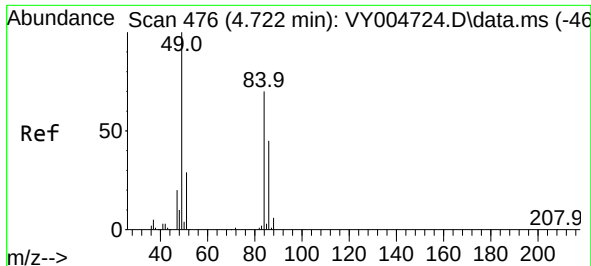
Tgt Ion: 53	Resp:	850	
Ion	Ratio	Lower	Upper
53	100		
52	79.6	65.0	97.6
51	32.4	29.3	43.9



#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

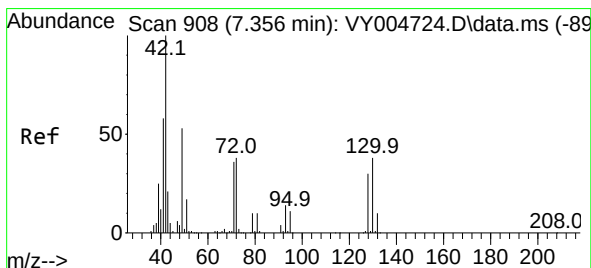
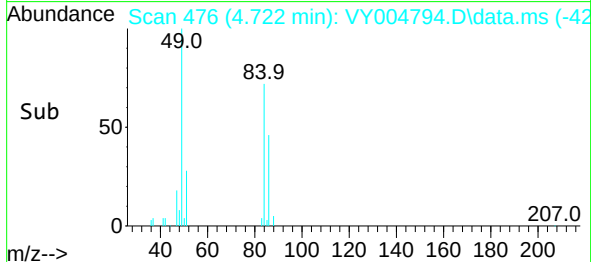
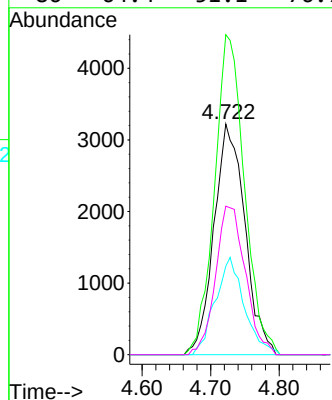
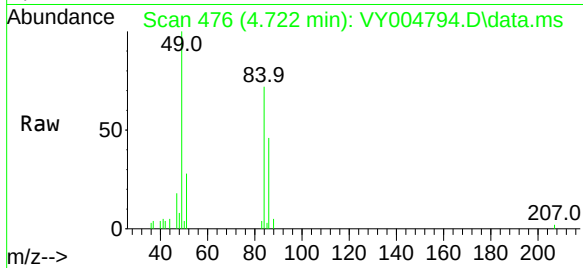




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

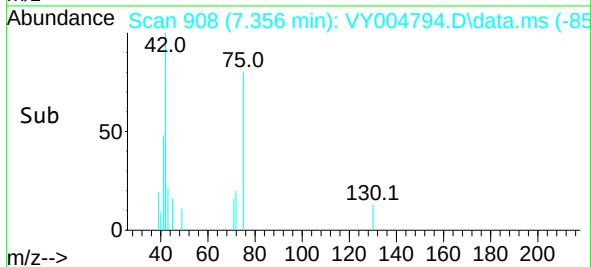
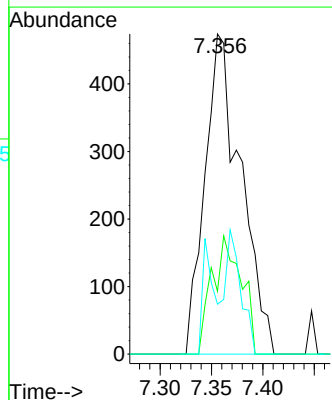
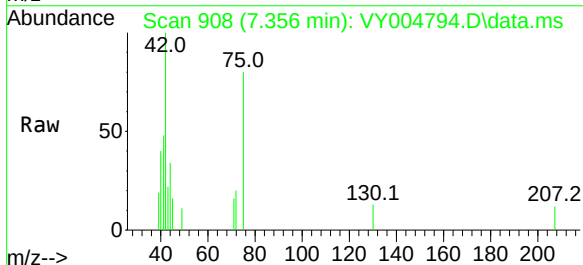
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

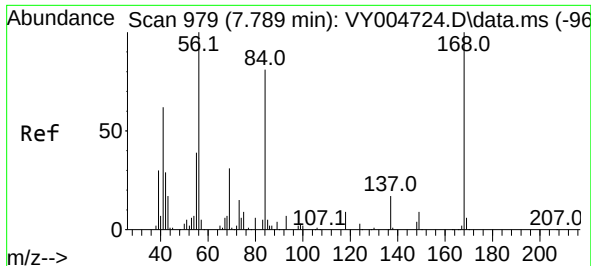
Tgt Ion:	84	Resp:	10088
Ion	Ratio	Lower	Upper
84	100		
49	138.7	113.8	170.8
51	38.4	33.5	50.3
86	64.4	51.1	76.7



#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

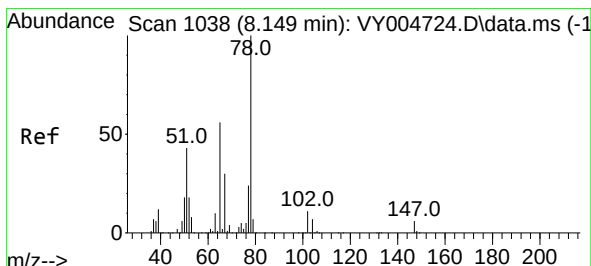
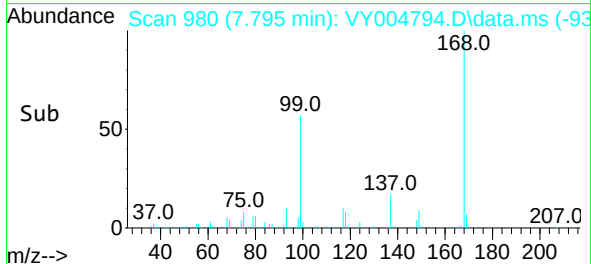
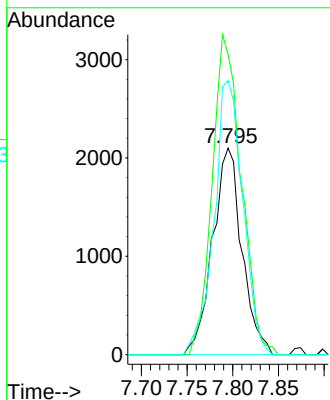
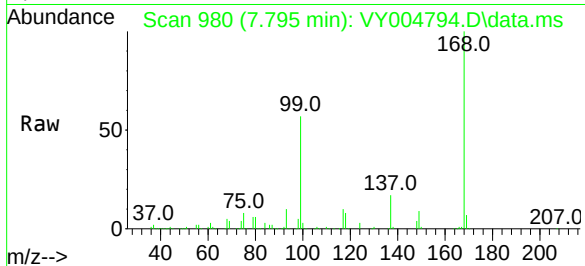




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

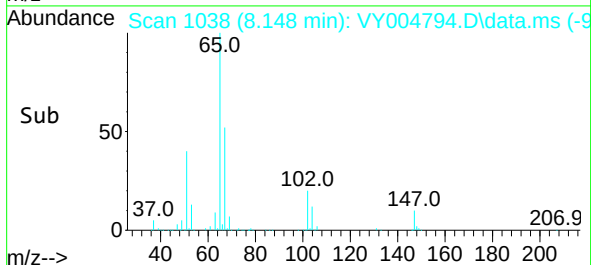
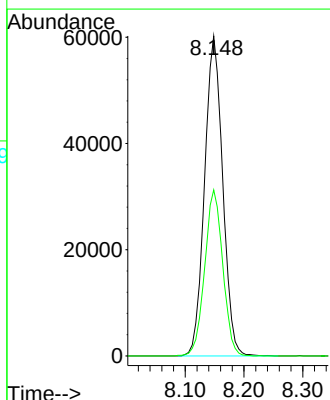
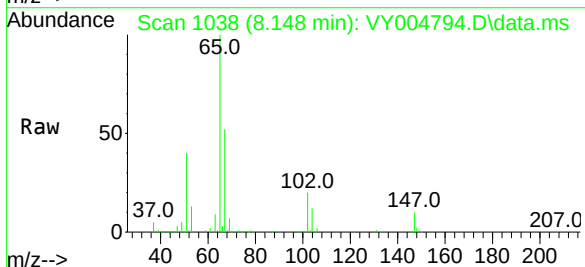
Instrument :
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ClientSampleId :
VY0517SBL01

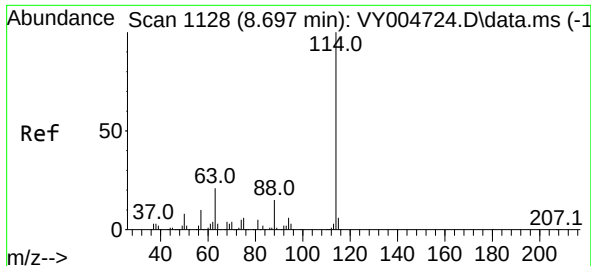
Tgt Ion: 56 Resp: 4685
Ion Ratio Lower Upper
56 100
69 145.4 24.4 36.6#
84 132.7 64.8 97.2#



#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

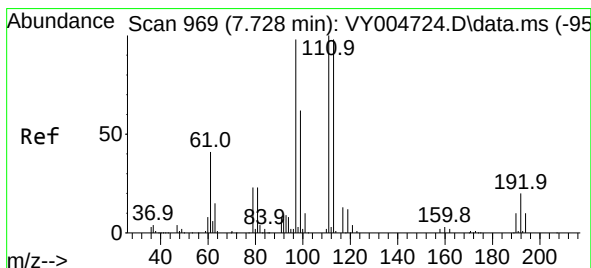
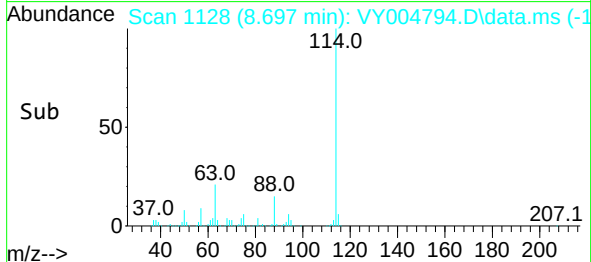
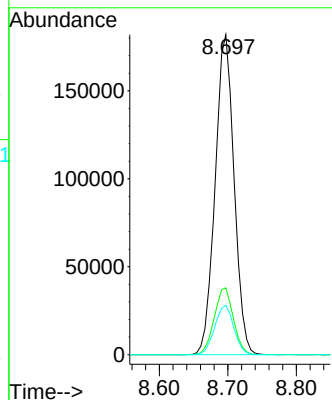
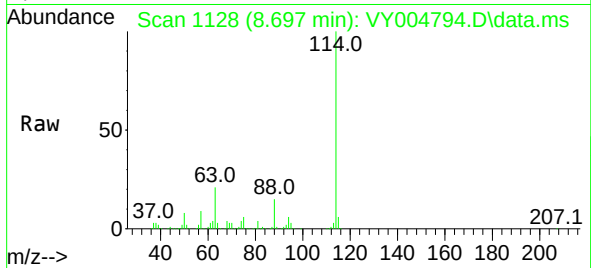




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

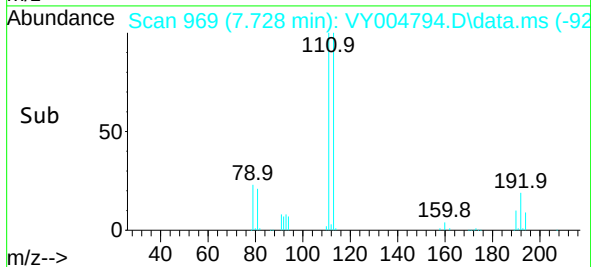
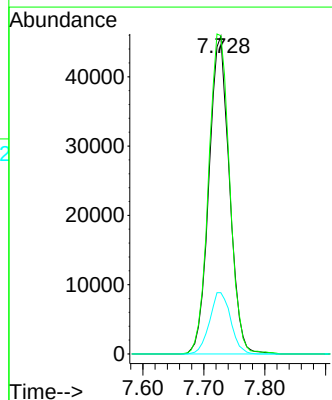
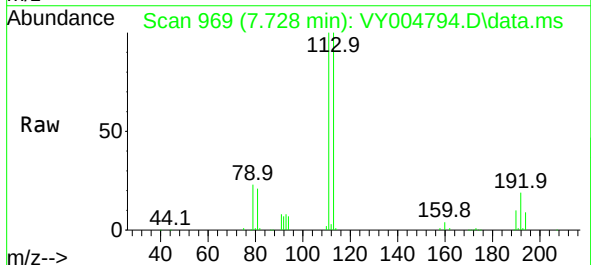
Instrument :
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VY0517SBL01

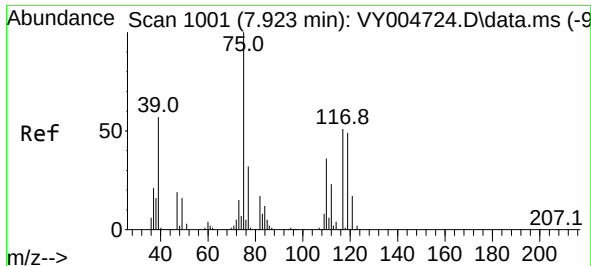
Tgt Ion:	114	Resp:	348133
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	15.5	0.0	31.0



#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

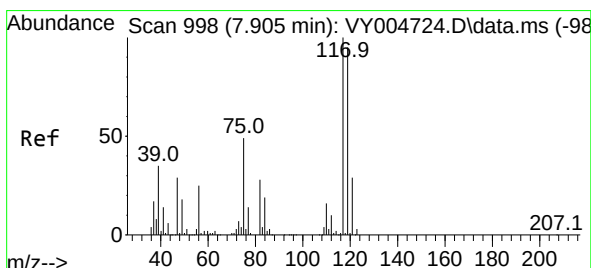
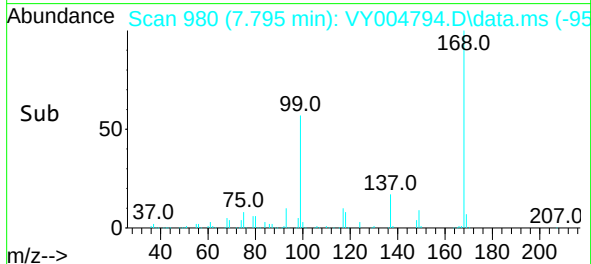
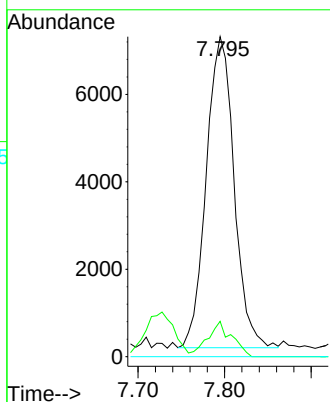
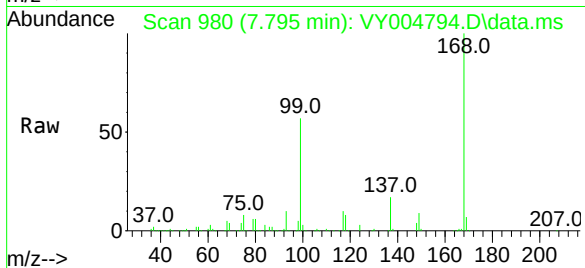
Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBL01

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

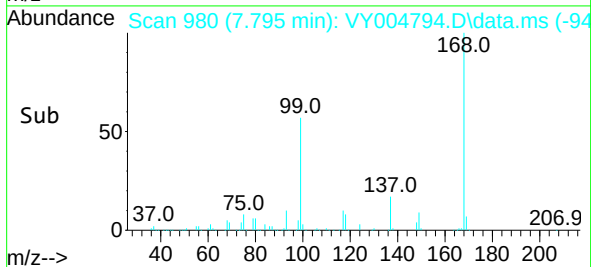
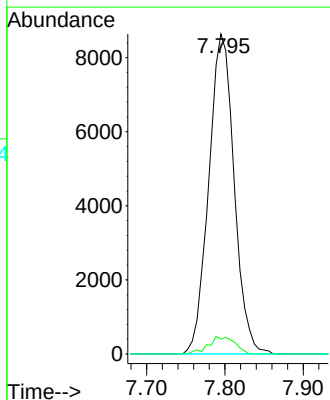
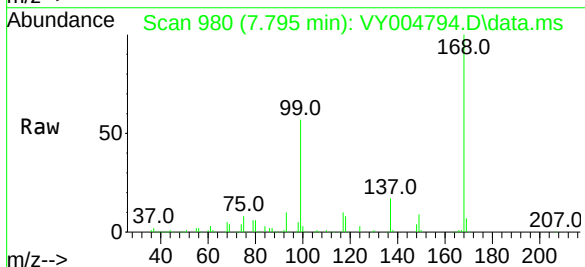
RT: 7.795 min Scan# 980

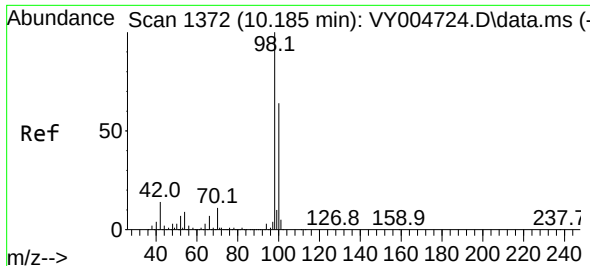
Delta R.T. -0.110 min

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#

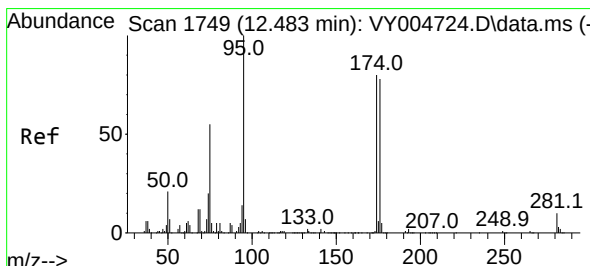
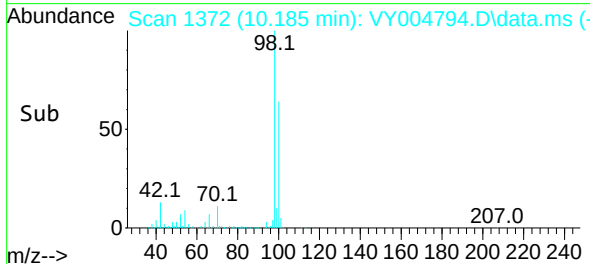
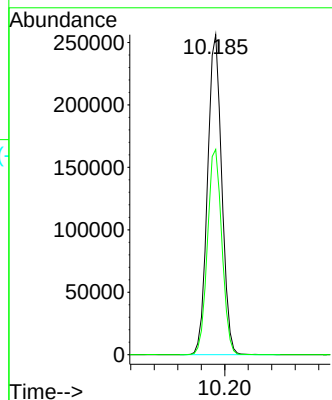
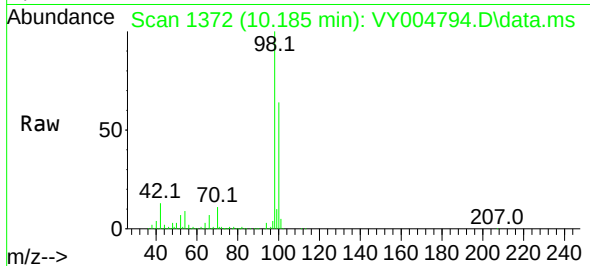




#50
Toluene-d8
Concen: 49.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

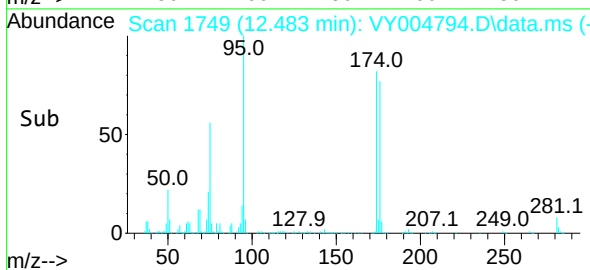
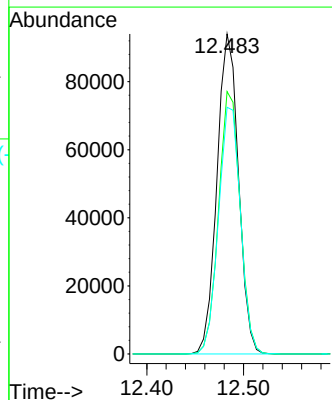
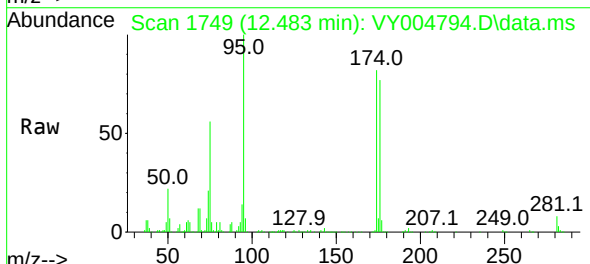
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

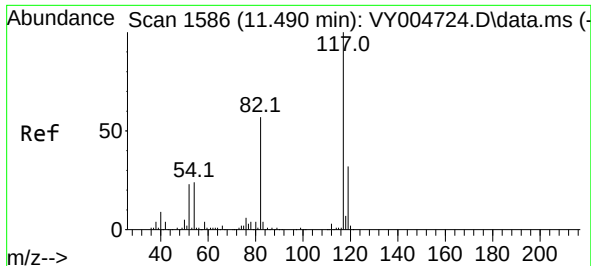
Tgt Ion: 98 Resp: 430080
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#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

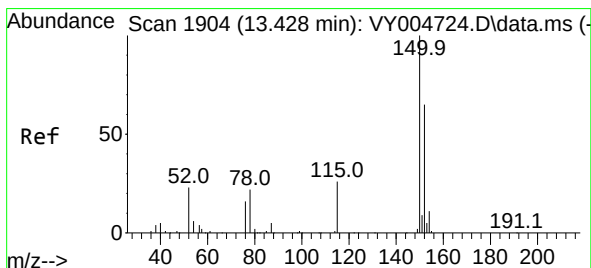
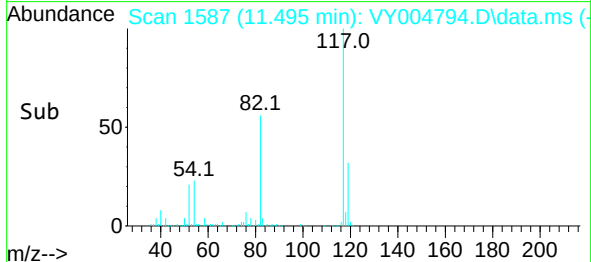
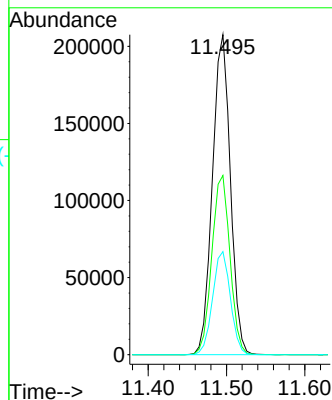
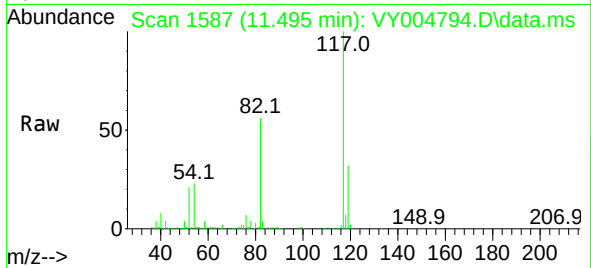




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

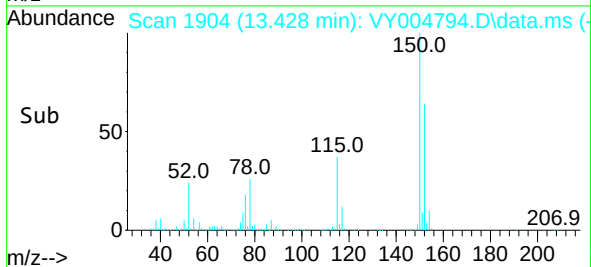
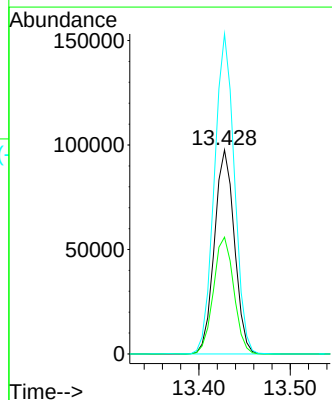
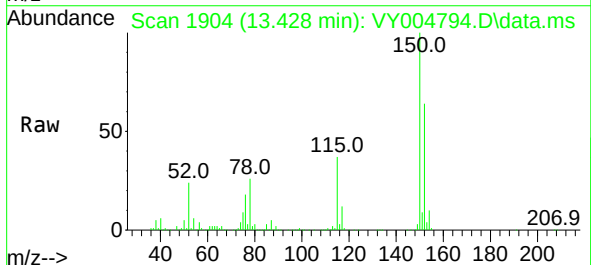
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

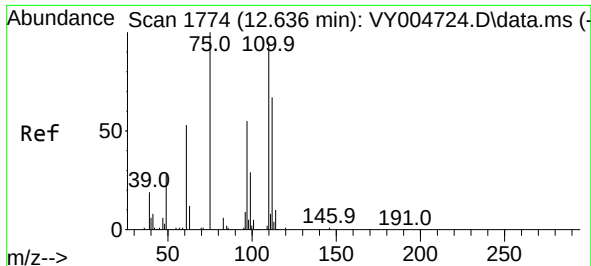
Tgt Ion:117 Resp: 330224
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 32.2 25.8 38.6



#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:152 Resp: 148098
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 157.4 0.0 349.8

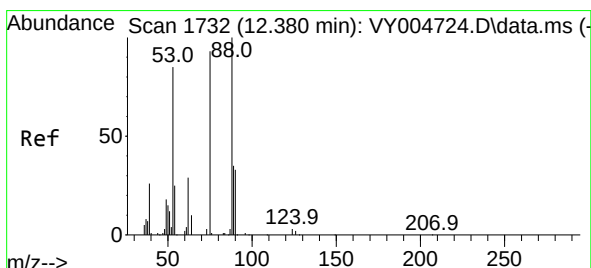
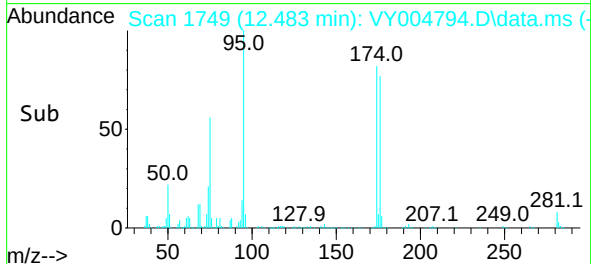
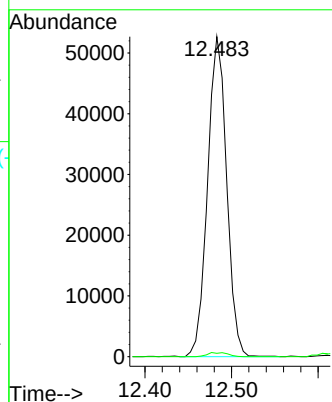
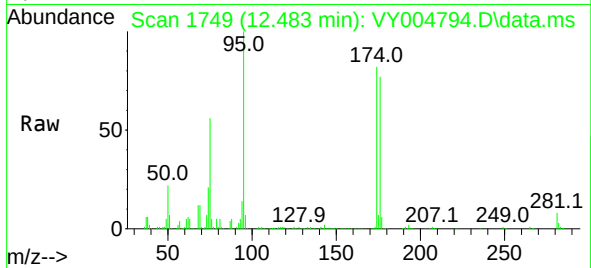




#76
1,2,3-Trichloropropane
Concen: 51.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004794.D
Acq: 17 May 2021 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

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#

