

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004806.D
 Acq On : 17 May 2021 16:05
 Operator : SY/MD
 Sample : M2413-05
 Misc : 7.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: May 18 01:05:43 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)

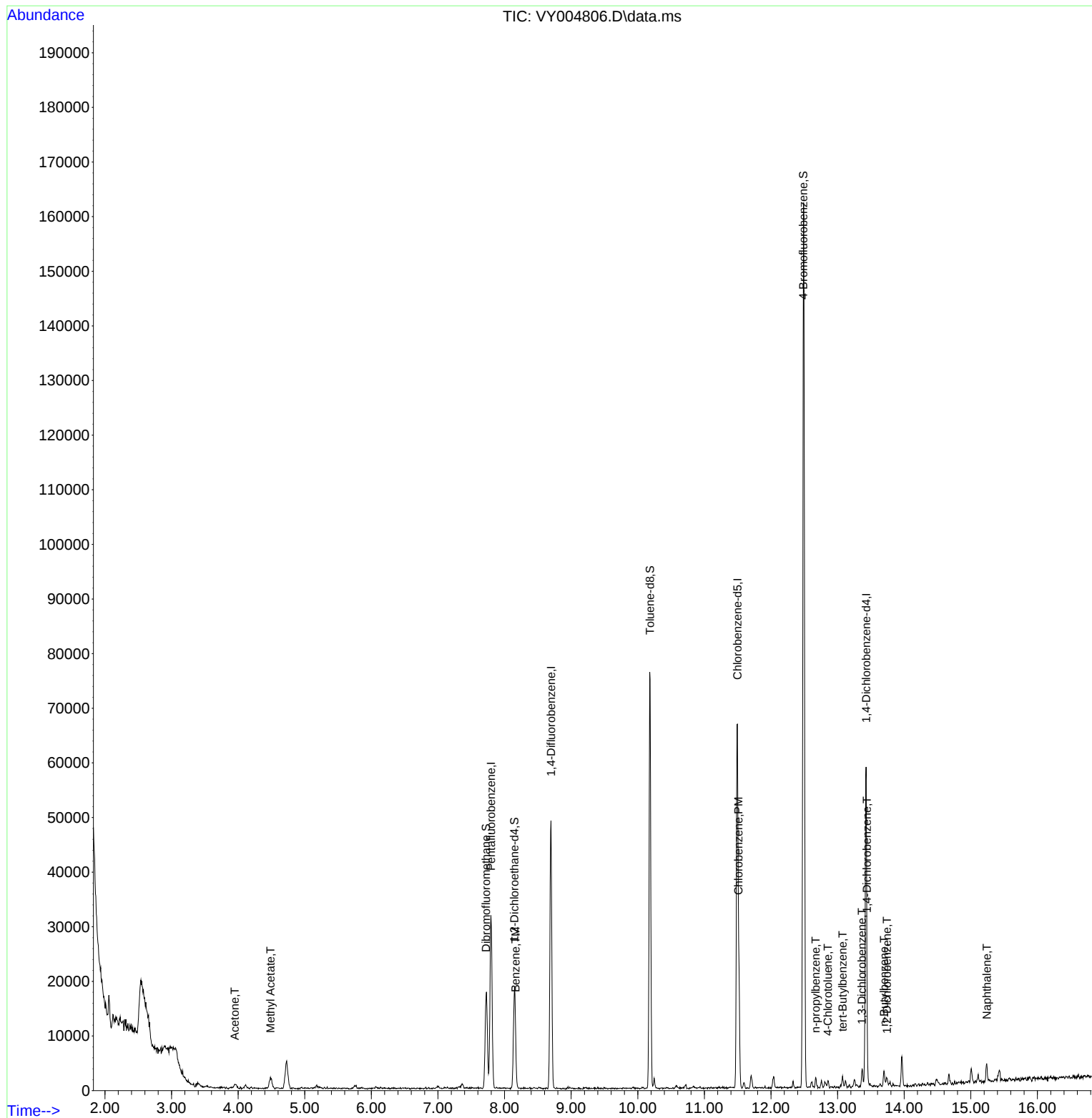
Internal Standards						
1) Pentafluorobenzene	7.795	168	23652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	39031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	33807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14073	49.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.98%
35) Dibromofluoromethane	7.722	113	12226	57.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.44%
50) Toluene-d8	10.185	98	46282	47.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.90%
62) 4-Bromofluorobenzene	12.483	95	14119	43.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.68%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1486	23.50	ug/l #	71
18) Methyl Acetate	4.485	43	3854	19.11	ug/l	96
40) Benzene	8.167	78	1209	1.07	ug/l #	80
65) Chlorobenzene	11.514	112	10523	15.13	ug/l	94
78) n-propylbenzene	12.672	91	1301	1.02	ug/l	98
82) 4-Chlorotoluene	12.855	91	914	1.25	ug/l	98
83) tert-Butylbenzene	13.075	119	771	1.04	ug/l	88
87) 1,3-Dichlorobenzene	13.367	146	835	1.80	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	1112	2.43	ug/l	77
89) n-Butylbenzene	13.697	91	1211	1.32	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	763	1.86	ug/l	98
95) Naphthalene	15.239	128	2531	4.43	ug/l	96

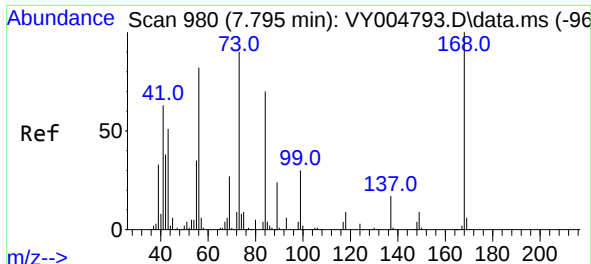
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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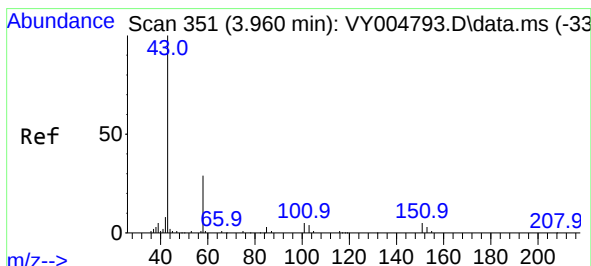
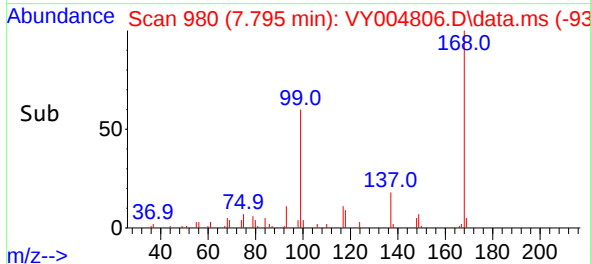
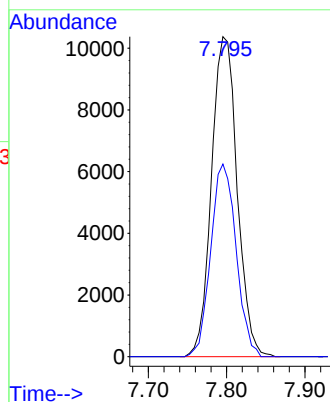
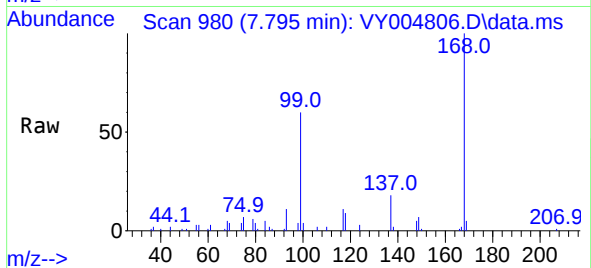




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

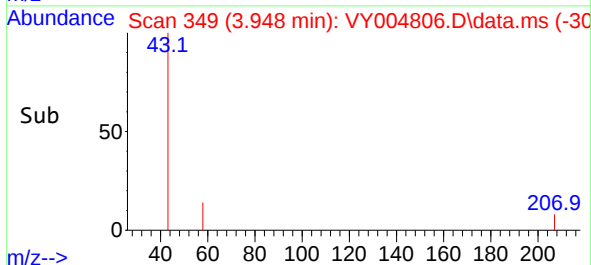
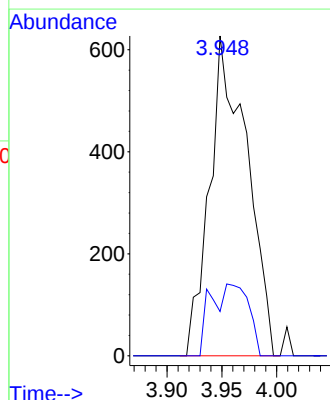
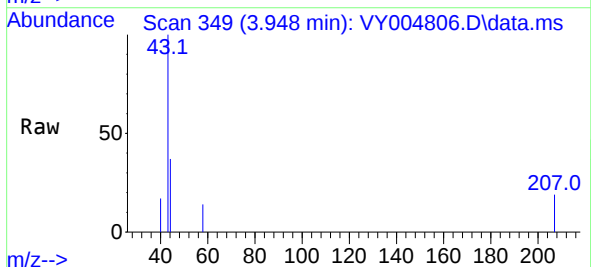
Instrument :
MSVOA_Y
ClientSampleId :
124055

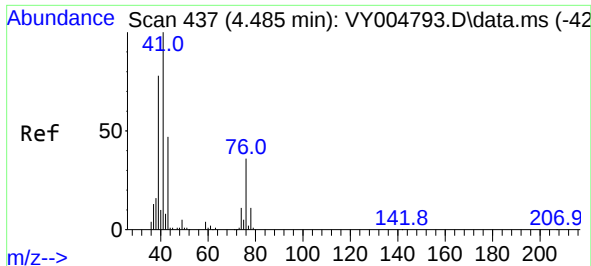
Tgt Ion:168 Resp: 23652
Ion Ratio Lower Upper
168 100
99 60.2 45.6 68.4



#16
Acetone
Concen: 23.50 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 13.9 23.6 35.4#





#18

Methyl Acetate

Concen: 19.11 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY004806.D

Acq: 17 May 2021 16:05

Instrument :

MSVOA_Y

ClientSampled :

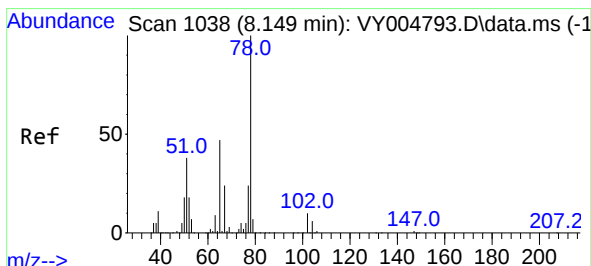
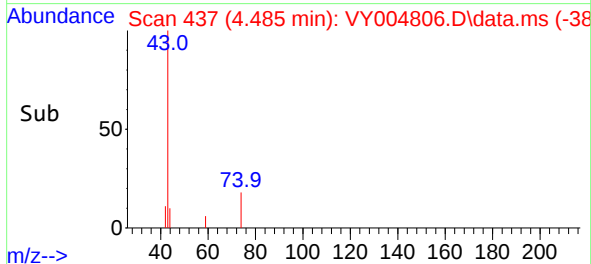
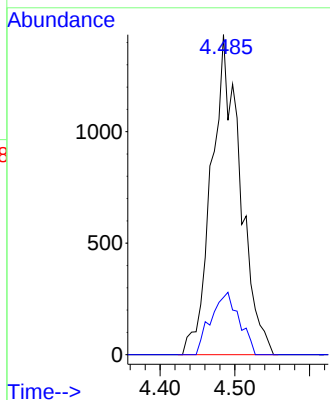
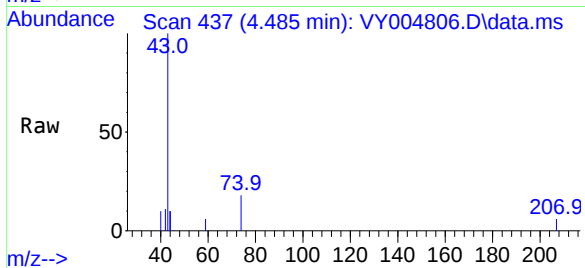
124055

Tgt Ion: 43 Resp: 3854

Ion Ratio Lower Upper

43 100

74 19.0 16.6 24.8



#33

1,2-Dichloroethane-d4

Concen: 49.99 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY004806.D

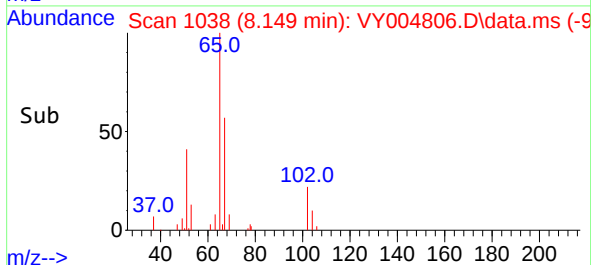
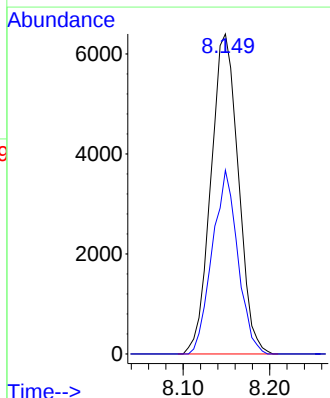
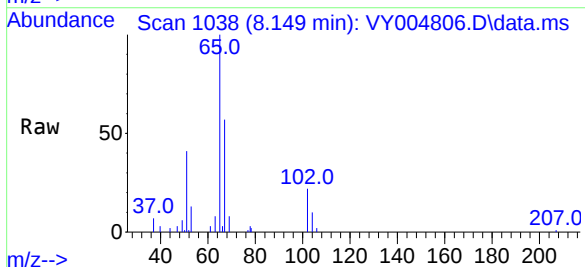
Acq: 17 May 2021 16:05

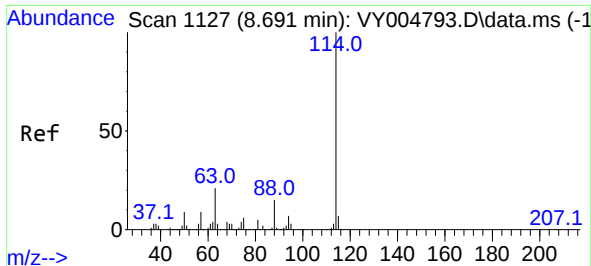
Tgt Ion: 65 Resp: 14073

Ion Ratio Lower Upper

65 100

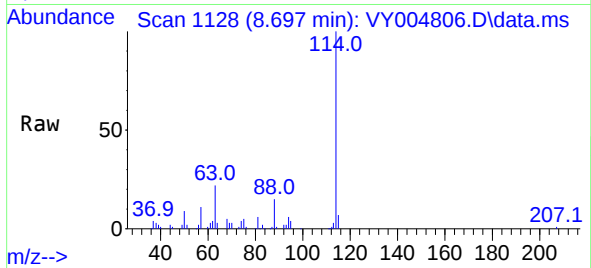
67 53.4 0.0 108.0





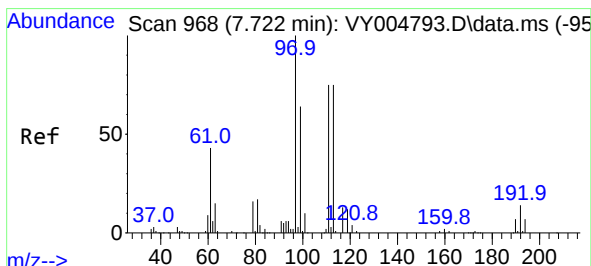
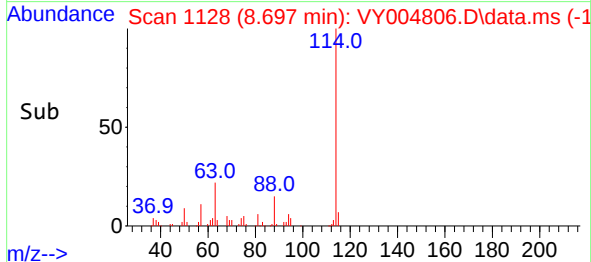
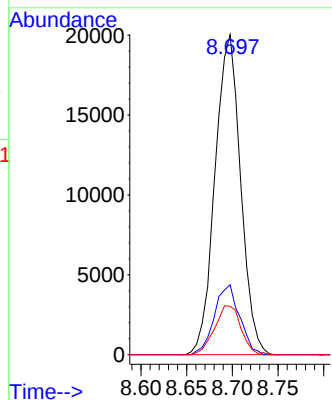
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Instrument :
MSVOA_Y
ClientSampled :
124055



Tgt Ion:114 Resp: 39031

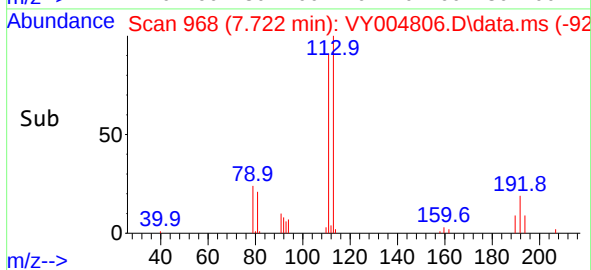
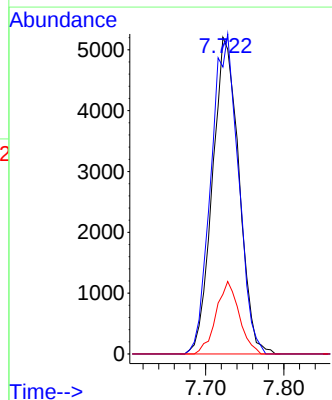
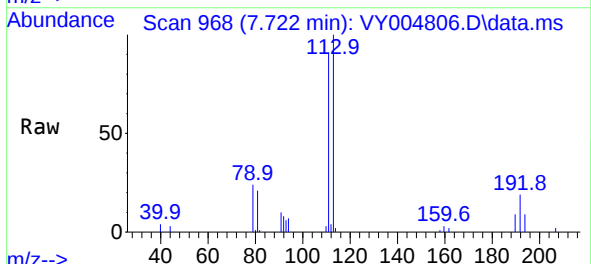
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.8
88	15.1	0.0	31.0

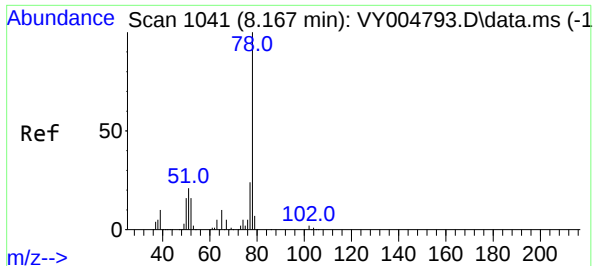


#35
Dibromofluoromethane
Concen: 57.22 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion:113 Resp: 12226

Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.5	120.7
192	20.0	15.0	22.6

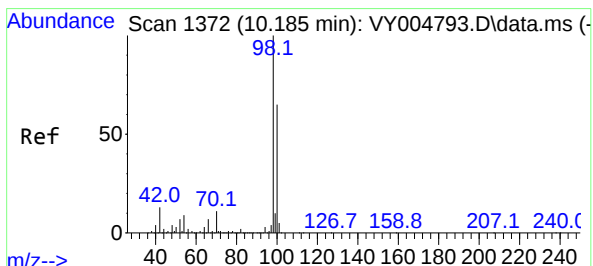
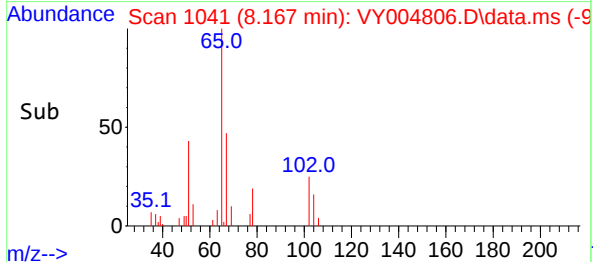
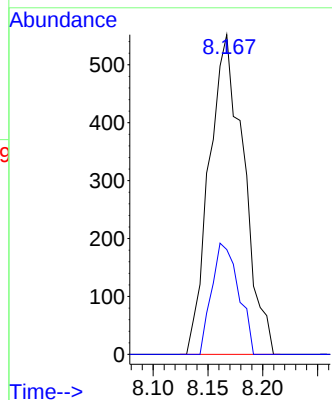
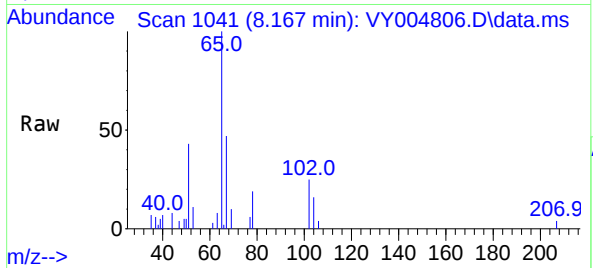




#40
Benzene
Concen: 1.07 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

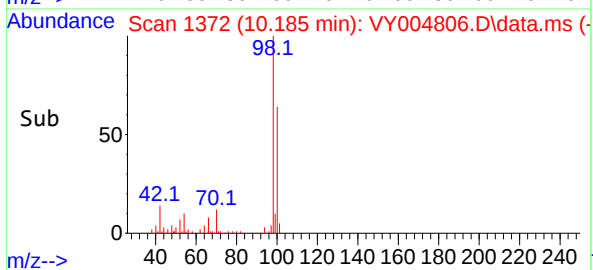
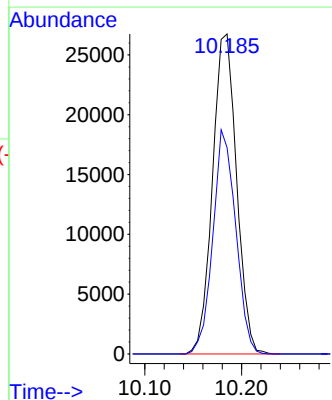
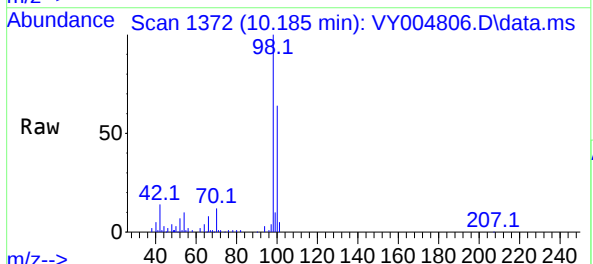
Instrument :
MSVOA_Y
ClientSampled :
124055

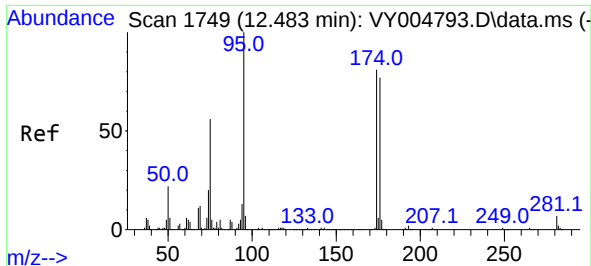
Tgt Ion: 78 Resp: 1209
Ion Ratio Lower Upper
78 100
77 32.8 18.4 27.6#



#50
Toluene-d8
Concen: 47.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion: 98 Resp: 46282
Ion Ratio Lower Upper
98 100
100 66.4 51.5 77.3

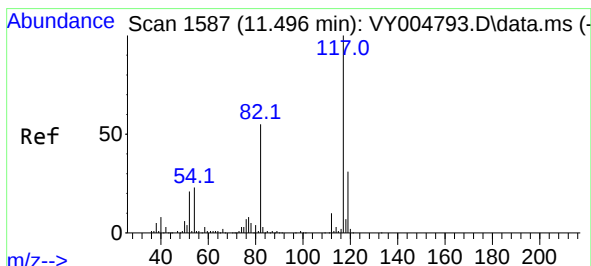
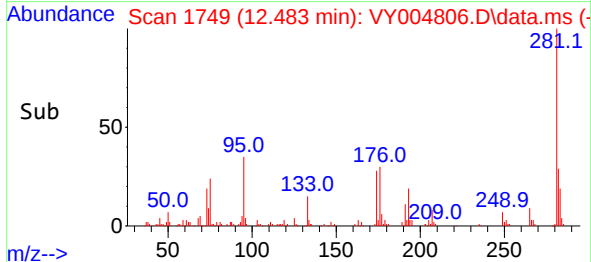
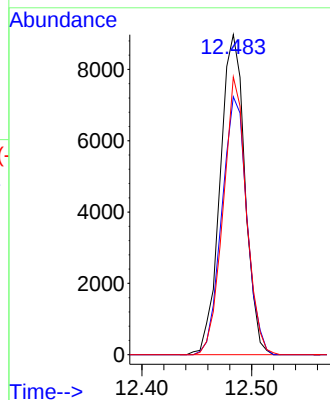
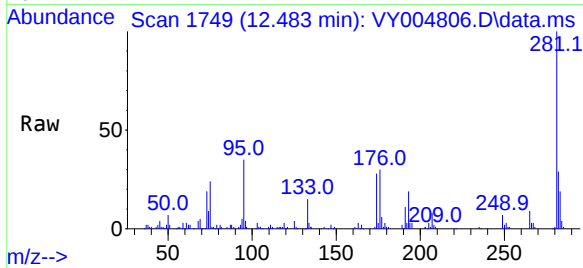




#62
4-Bromofluorobenzene
Concen: 43.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

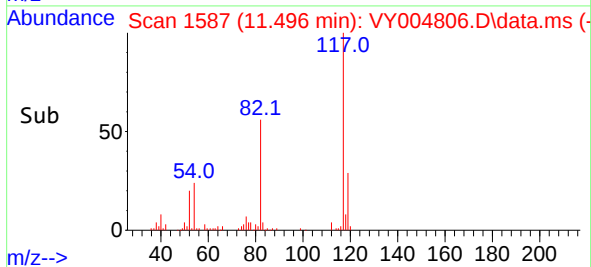
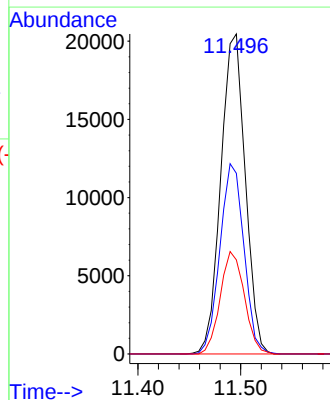
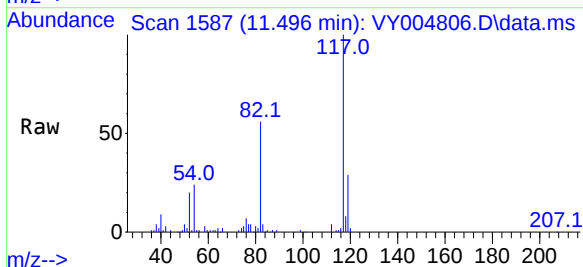
Instrument :
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ClientSampled :
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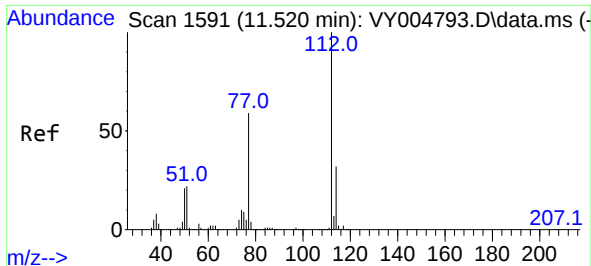
Tgt Ion:	95	Resp:	14119
Ion Ratio	Lower	Upper	
95	100		
174	81.2	0.0	164.2
176	81.1	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion:	117	Resp:	33807
Ion Ratio	Lower	Upper	
117	100		
82	56.5	45.4	68.2
119	29.4	25.8	38.6

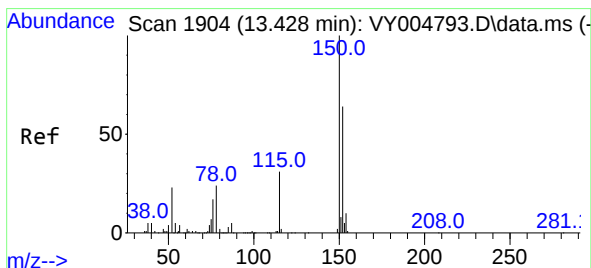
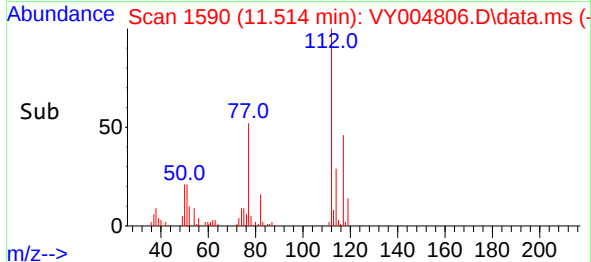
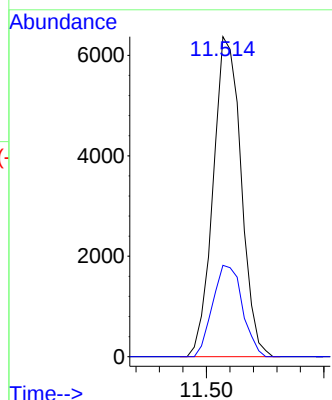
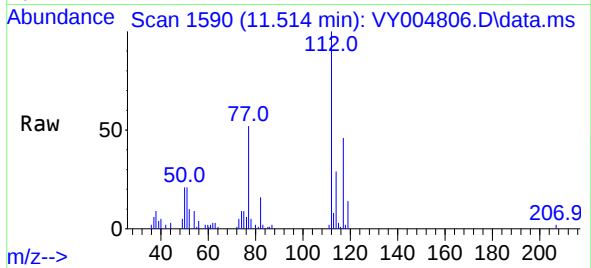




#65
Chlorobenzene
Concen: 15.13 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

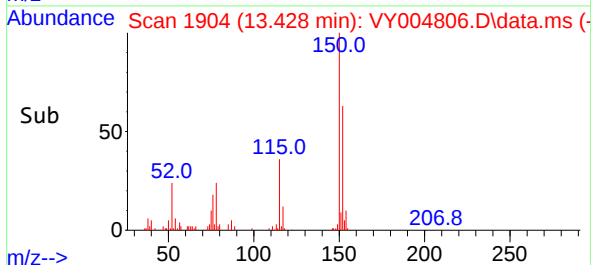
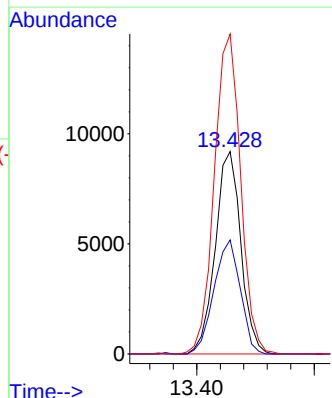
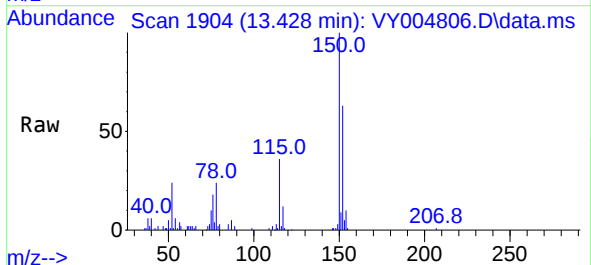
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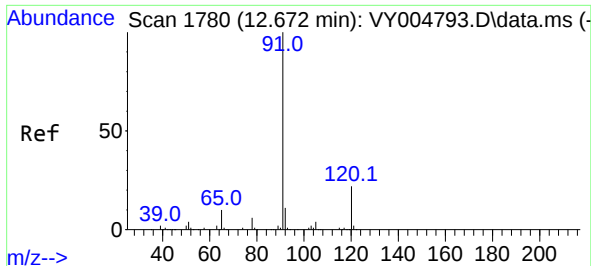
Tgt Ion:112 Resp: 10523
Ion Ratio Lower Upper
112 100
114 28.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion:152 Resp: 13905
Ion Ratio Lower Upper
152 100
115 58.0 29.4 88.3
150 162.4 0.0 349.8

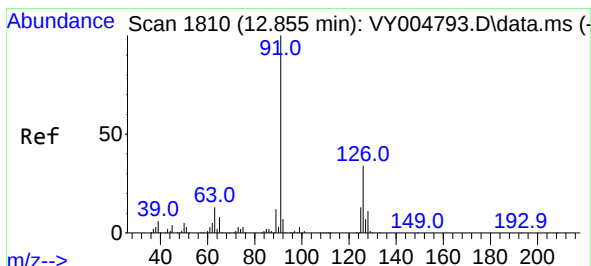
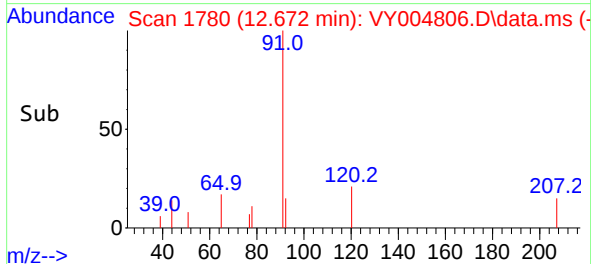
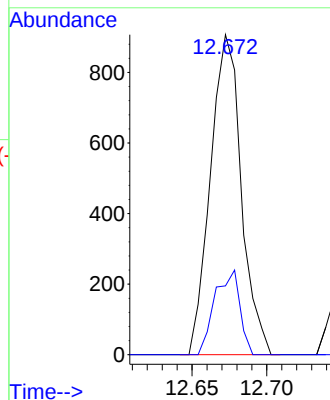
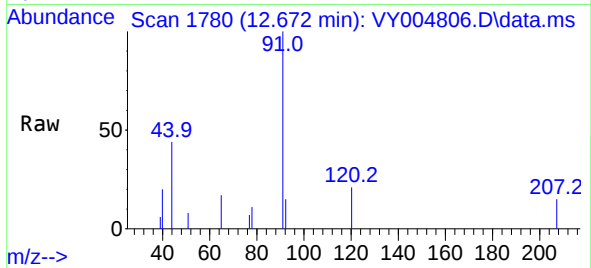




#78
n-propylbenzene
Concen: 1.02 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

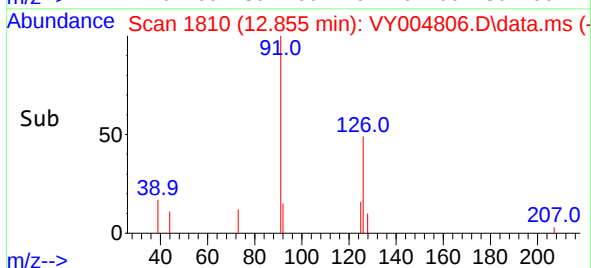
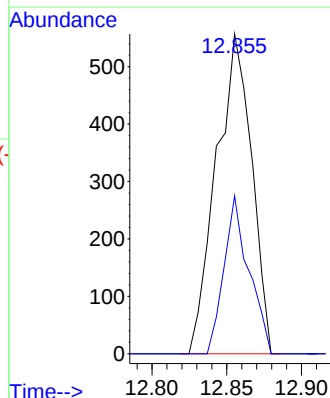
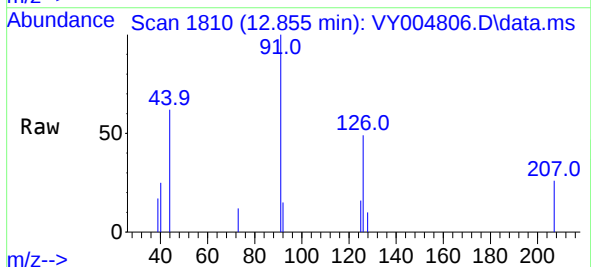
Instrument :
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124055

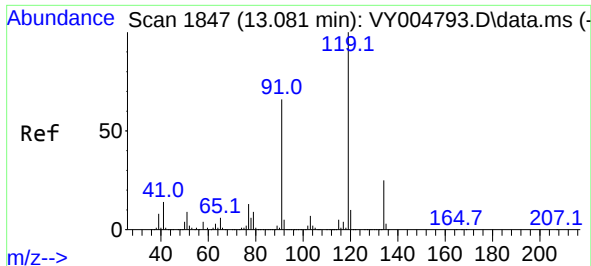
Tgt Ion: 91 Resp: 1301
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.3



#82
4-Chlorotoluene
Concen: 1.25 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

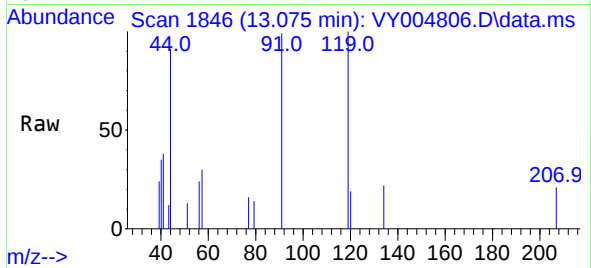
Tgt Ion: 91 Resp: 914
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.3



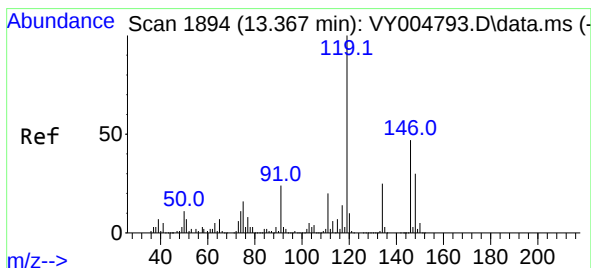
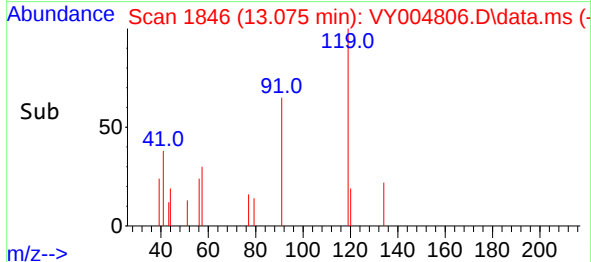
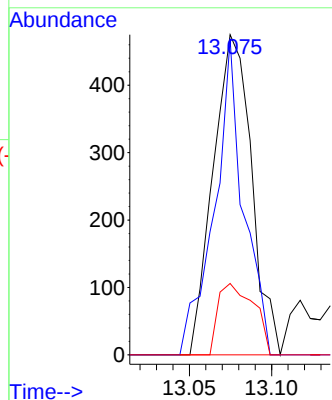


#83
tert-Butylbenzene
Concen: 1.04 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Instrument :
MSVOA_Y
ClientSampled :
124055

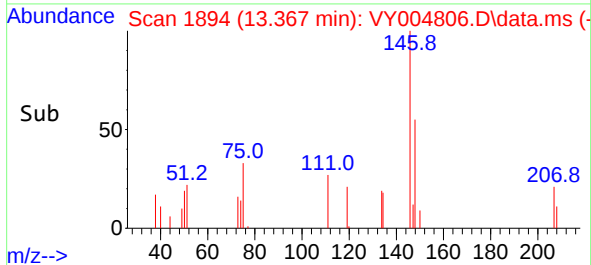
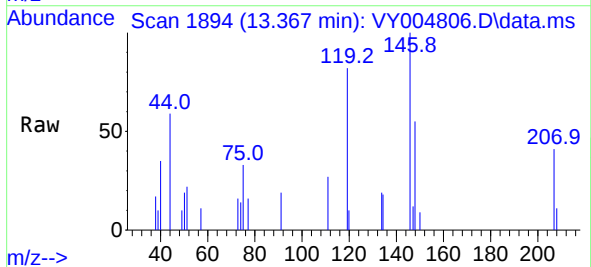
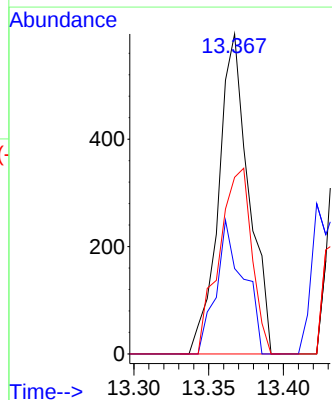


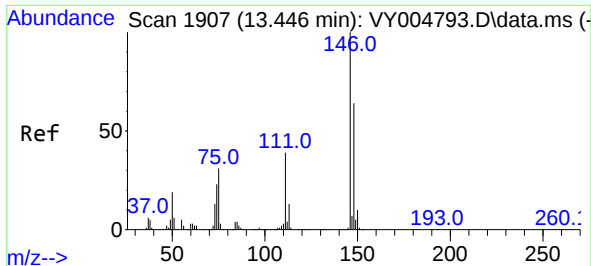
Tgt Ion:119 Resp: 771
Ion Ratio Lower Upper
119 100
91 75.0 32.3 96.8
134 20.8 12.9 38.7



#87
1,3-Dichlorobenzene
Concen: 1.80 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion:146 Resp: 835
Ion Ratio Lower Upper
146 100
111 37.8 20.3 60.9
148 62.9 31.9 95.7

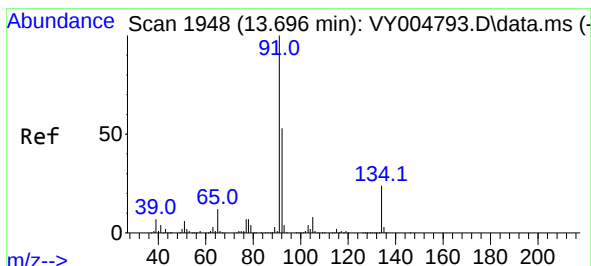
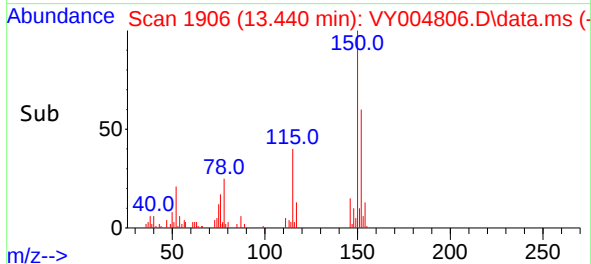
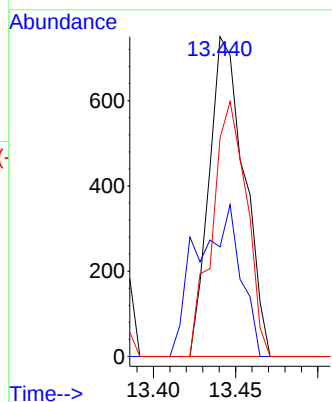
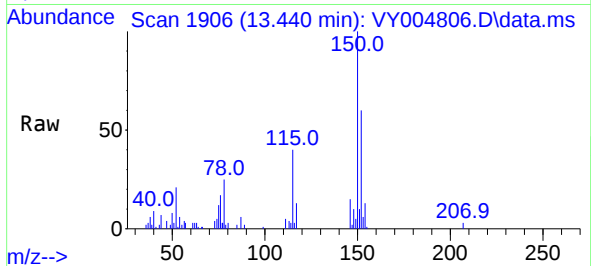




#88
1,4-Dichlorobenzene
Concen: 2.43 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

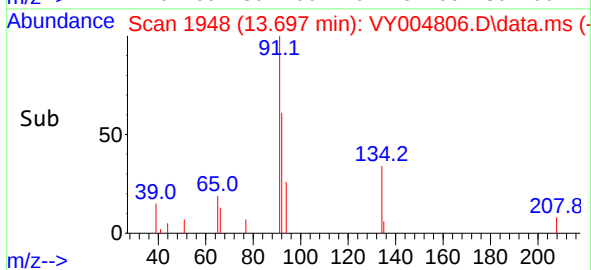
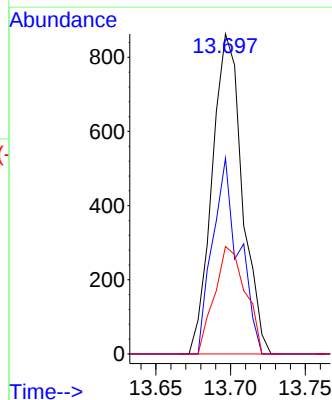
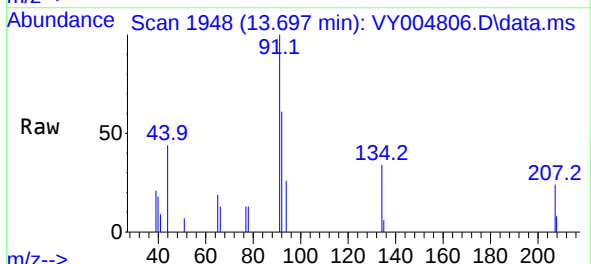
Instrument :
MSVOA_Y
ClientSampleId :
124055

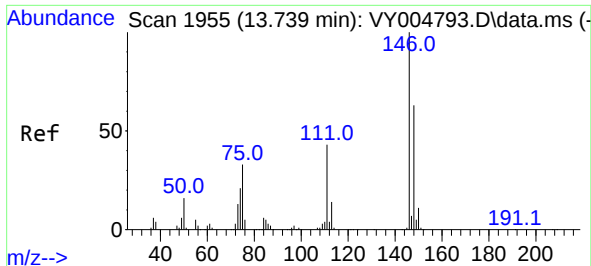
Tgt Ion:	146	Resp:	1112
Ion	Ratio	Lower	Upper
146	100		
111	58.6	19.6	58.8
148	77.9	31.9	95.5



#89
n-Butylbenzene
Concen: 1.32 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion:	91	Resp:	1211
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.0
134	34.4	12.6	37.6

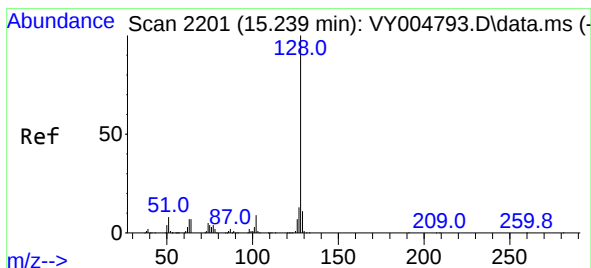
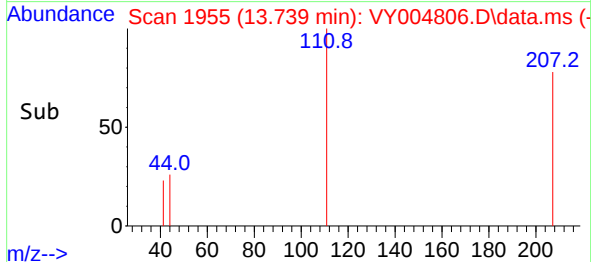
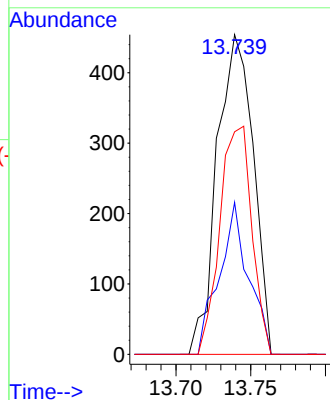
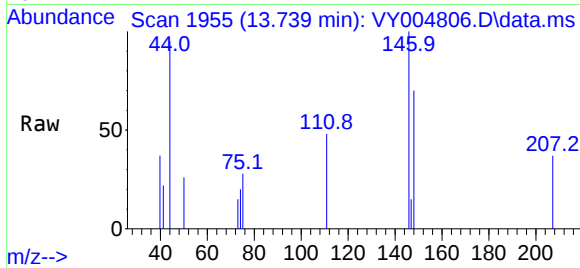




#91
1,2-Dichlorobenzene
Concen: 1.86 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Instrument :
MSVOA_Y
ClientSampled :
124055

Tgt Ion:	146	Resp:	763
Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.9	62.7
148	63.3	31.8	95.3



#95
Naphthalene
Concen: 4.43 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004806.D
Acq: 17 May 2021 16:05

Tgt Ion:	128	Resp:	2531
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.2
129	11.6	8.6	13.0

