

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004781.D
 Acq On : 14 May 2021 14:35
 Operator : SY/MD
 Sample : M2392-04
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-3.5-4.0

Quant Time: May 15 03:58:17 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)

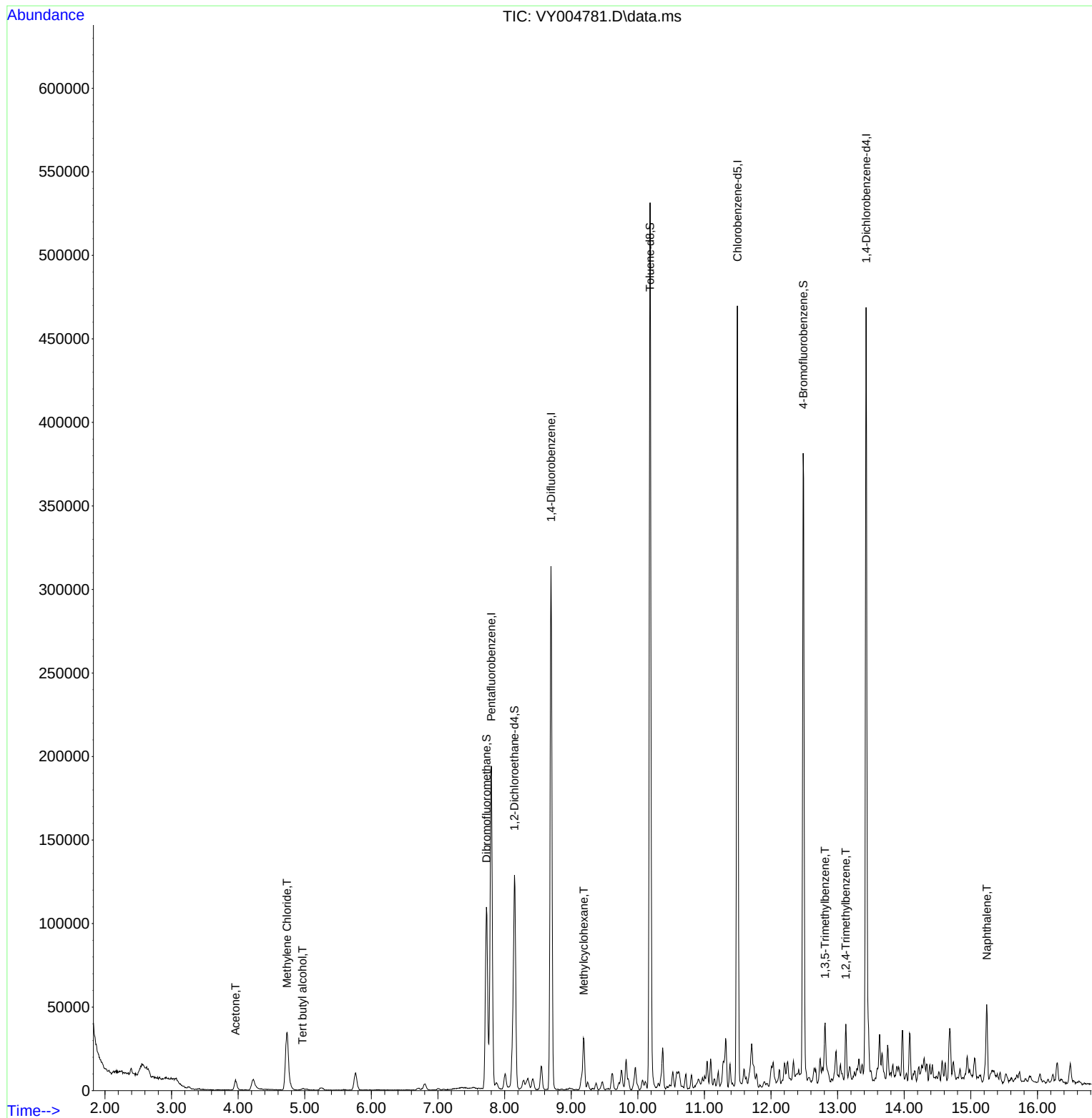
Internal Standards						
1) Pentafluorobenzene	7.801	168	141418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	249062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	238281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90575	53.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.62%			
35) Dibromofluoromethane	7.728	113	74899	54.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.86%			
50) Toluene-d8	10.185	98	312944	50.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.62%			
62) 4-Bromofluorobenzene	12.483	95	105849	50.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1901	11.24	ug/l #	71
16) Acetone	3.960	43	10193	26.96	ug/l	98
20) Methylene Chloride	4.735	84	24689	6.70	ug/l	90
39) Methylcyclohexane	9.191	83	11461	4.12	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	8671	1.28	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	16319	2.41	ug/l	99
95) Naphthalene	15.239	128	35003	7.89	ug/l	97

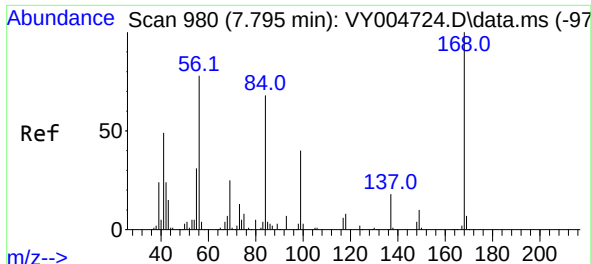
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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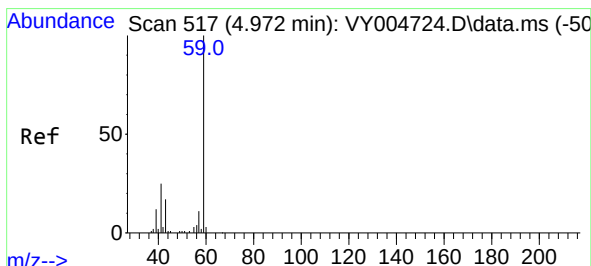
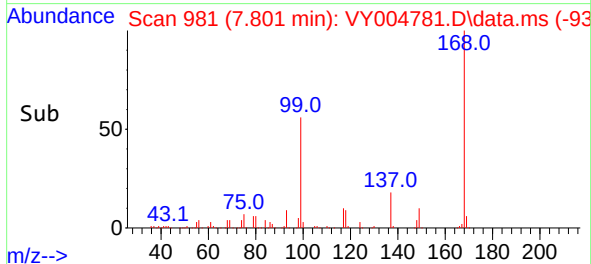
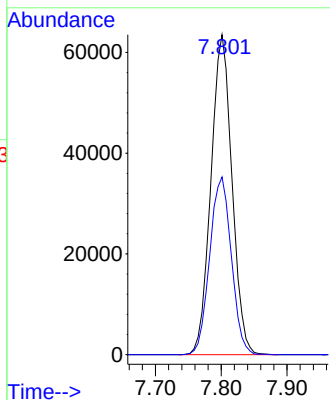
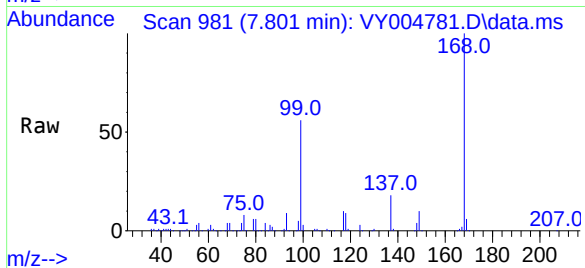




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

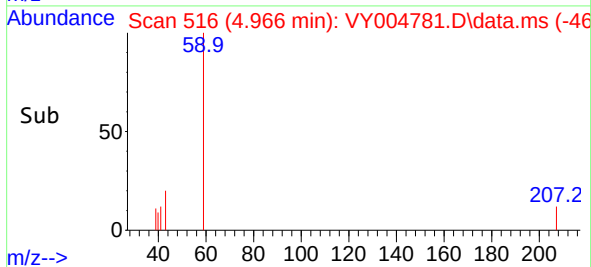
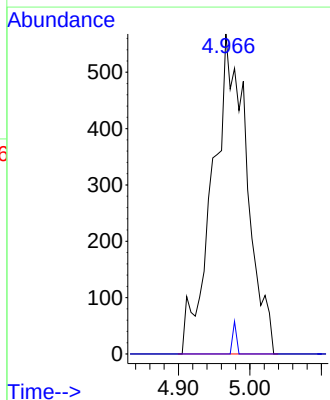
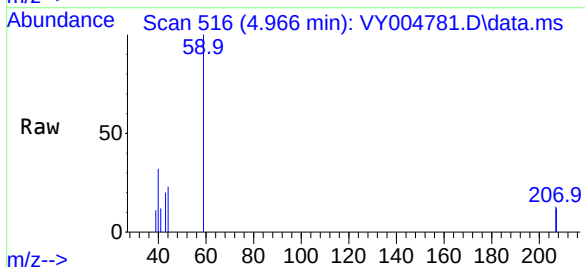
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

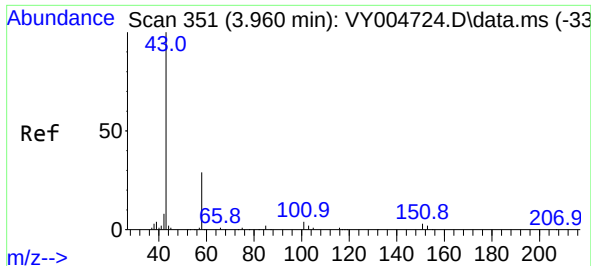
Tgt Ion:168 Resp: 141418
Ion Ratio Lower Upper
168 100
99 55.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 11.24 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

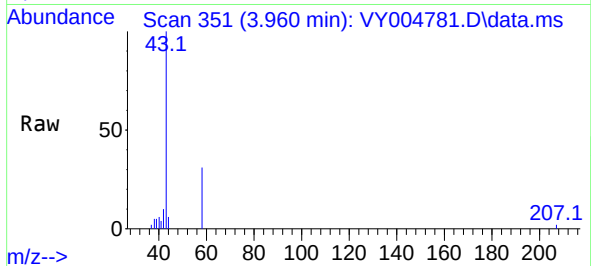
Tgt Ion: 59 Resp: 1901
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



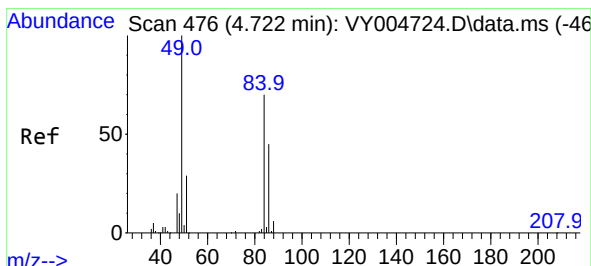
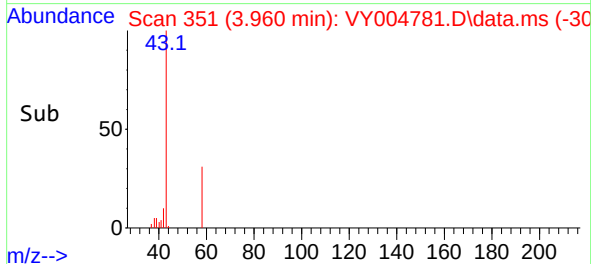
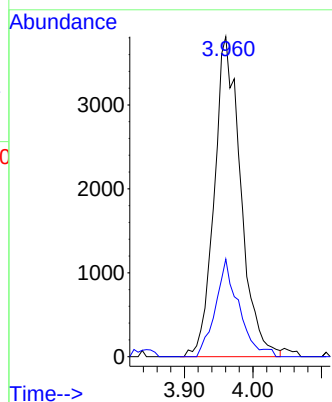


#16
Acetone
Concen: 26.96 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

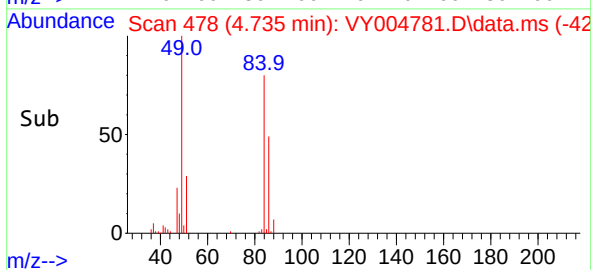
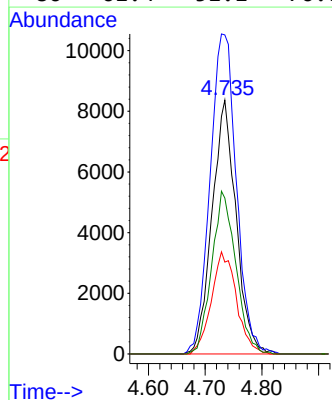
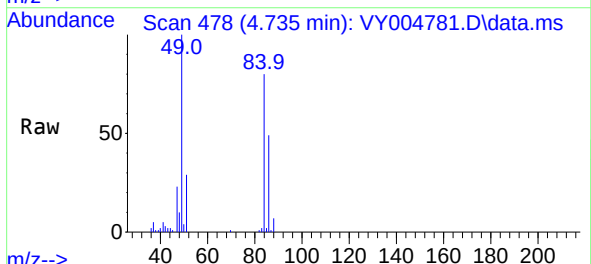


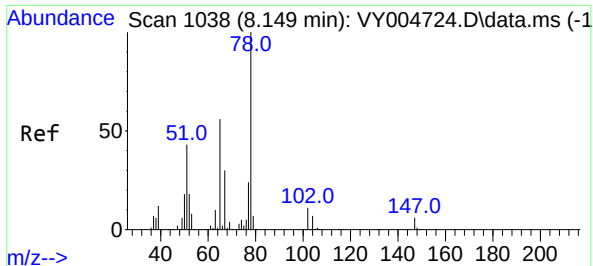
Tgt Ion: 43 Resp: 10193
Ion Ratio Lower Upper
43 100
58 30.5 23.6 35.4



#20
Methylene Chloride
Concen: 6.70 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

Tgt Ion: 84 Resp: 24689
Ion Ratio Lower Upper
84 100
49 125.7 113.8 170.8
51 36.2 33.5 50.3
86 61.4 51.1 76.7

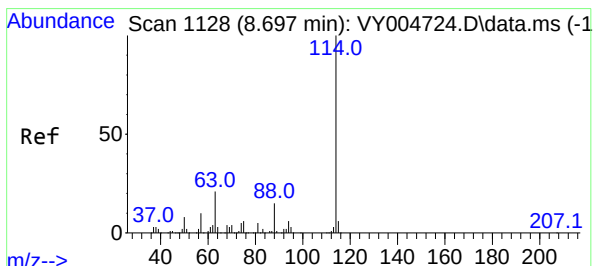
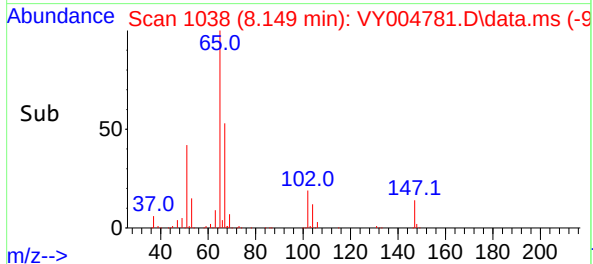
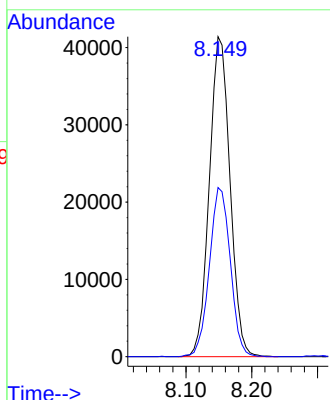
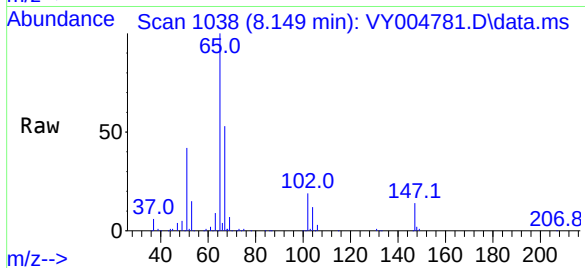




#33
1,2-Dichloroethane-d4
Concen: 53.81 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

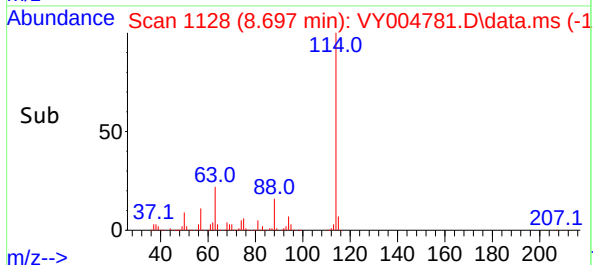
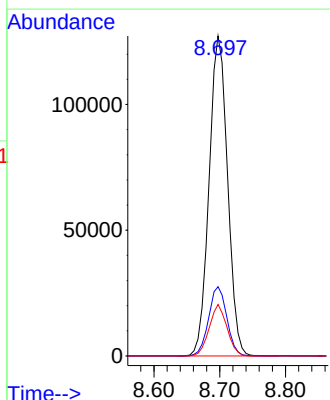
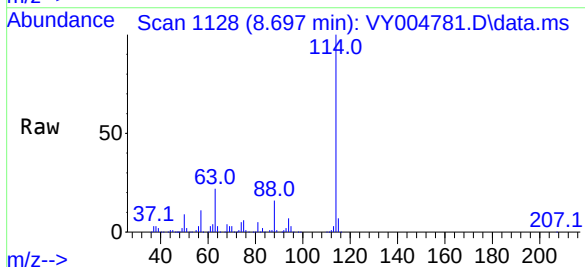
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

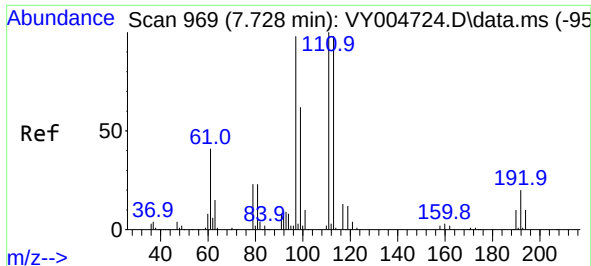
Tgt Ion: 65 Resp: 90575
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

Tgt Ion: 114 Resp: 249062
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 16.1 0.0 31.0

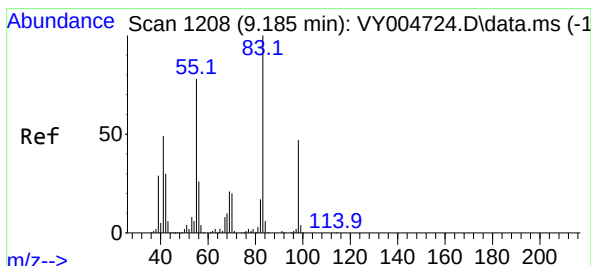
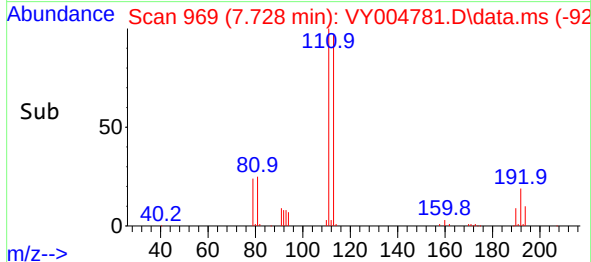
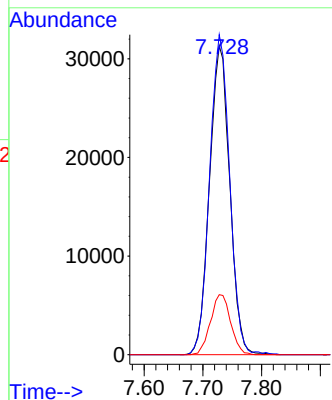
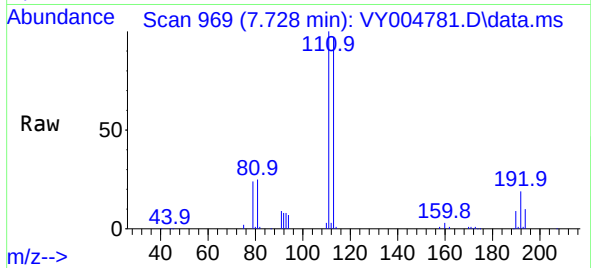




#35
Dibromofluoromethane
Concen: 54.93 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

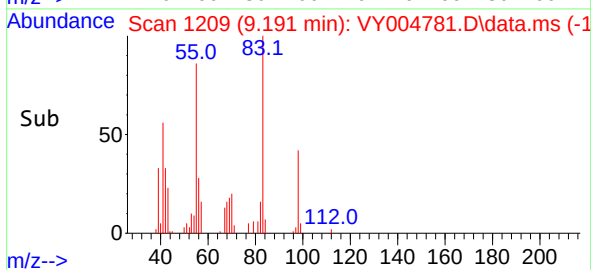
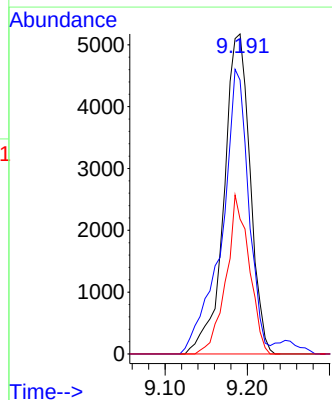
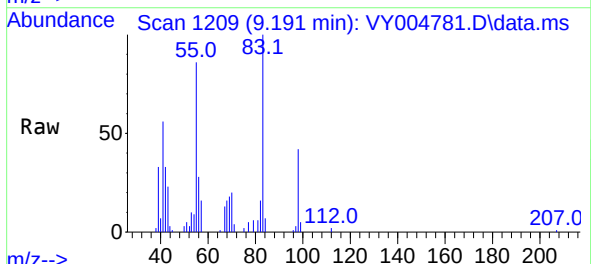
Instrument :
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ClientSampleId :
SB-02-3.5-4.0

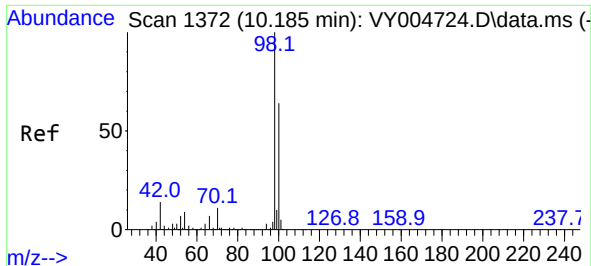
Tgt Ion:	113	Resp:	74899
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	19.3	15.0	22.6



#39
Methylcyclohexane
Concen: 4.12 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

Tgt Ion:	83	Resp:	11461
Ion	Ratio	Lower	Upper
83	100		
55	85.6	62.6	94.0
98	42.1	37.8	56.6

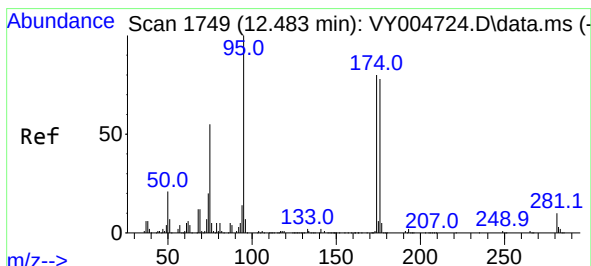
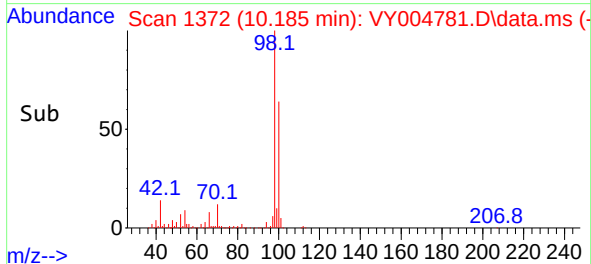
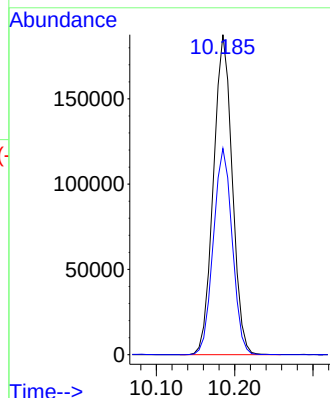
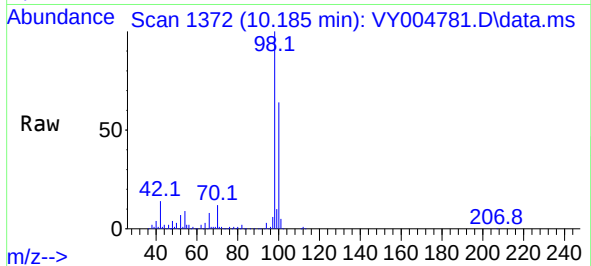




#50
Toluene-d8
Concen: 50.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

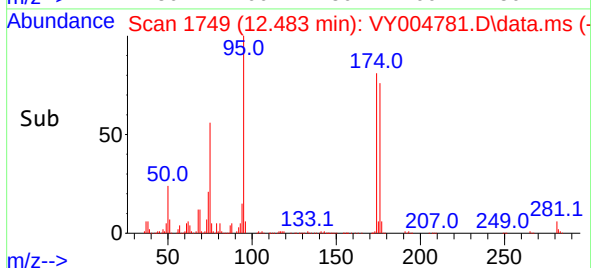
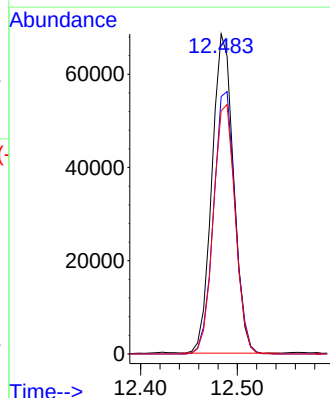
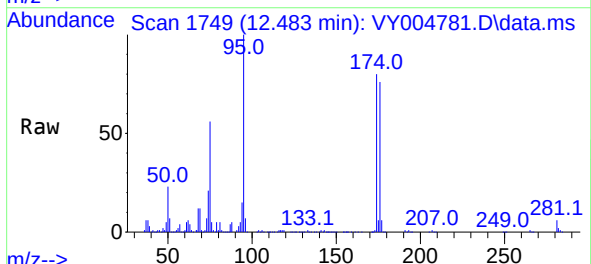
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SB-02-3.5-4.0

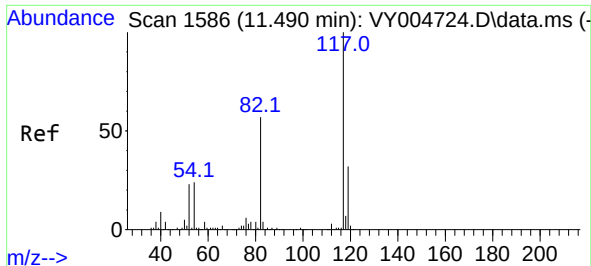
Tgt Ion: 98 Resp: 312944
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

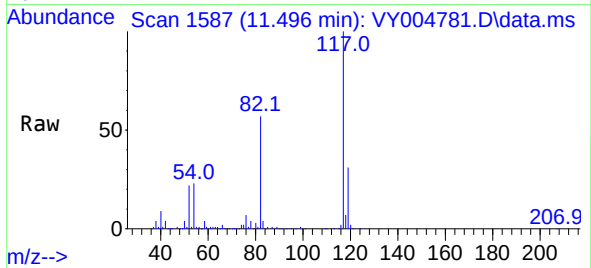
Tgt Ion: 95 Resp: 105849
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.2
176 79.2 0.0 159.0



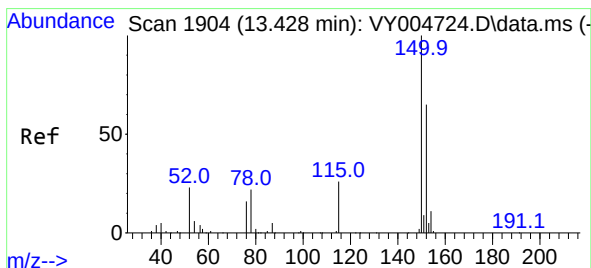
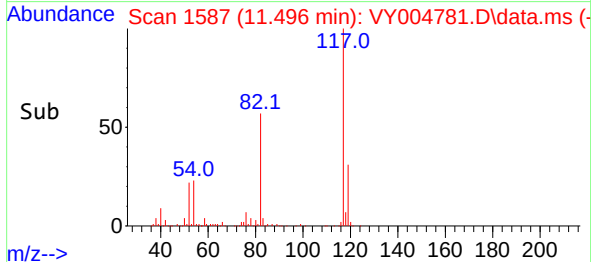
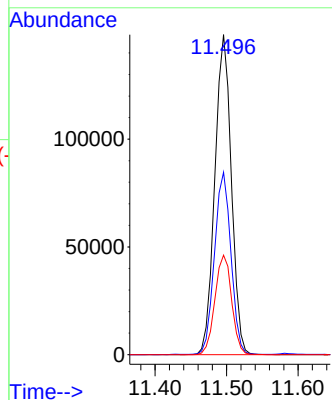


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

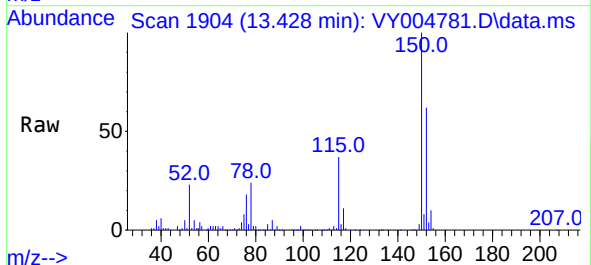
Instrument :
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ClientSampleId :
SB-02-3.5-4.0



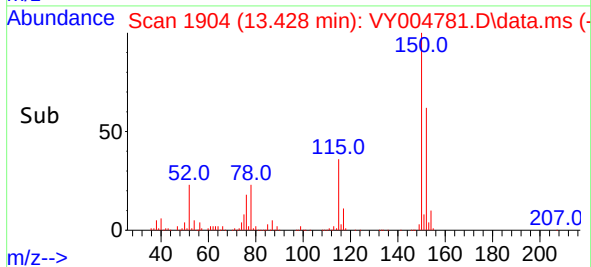
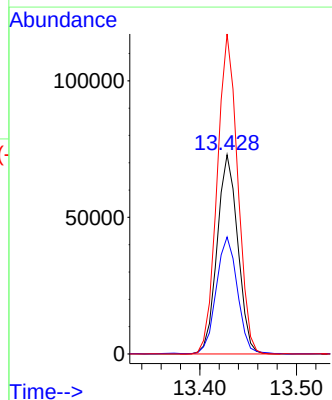
Tgt Ion:117 Resp: 238281
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.1 25.8 38.6

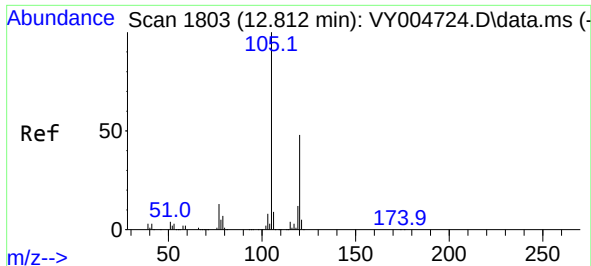


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35



Tgt Ion:152 Resp: 108038
Ion Ratio Lower Upper
152 100
115 60.6 29.4 88.3
150 159.5 0.0 349.8

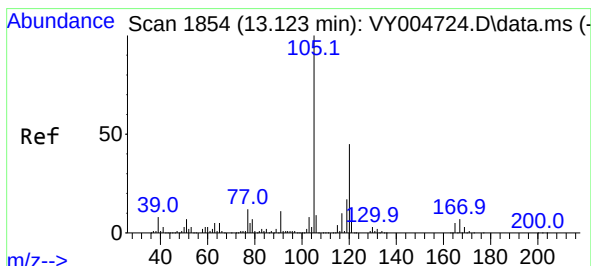
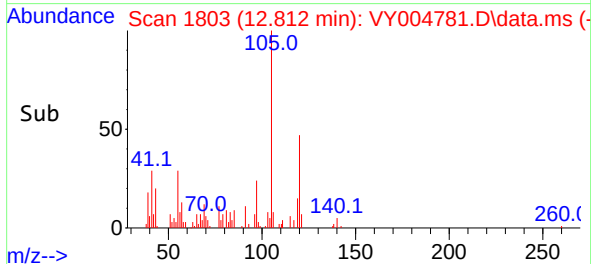
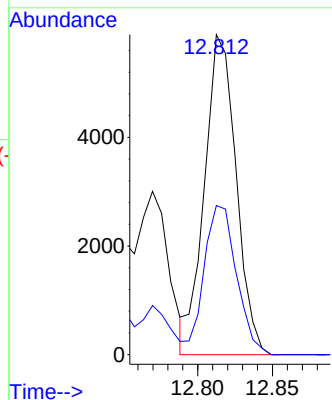
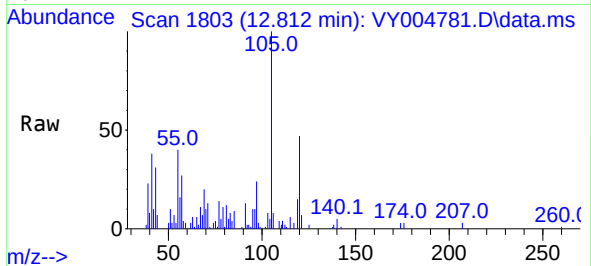




#80
1,3,5-Trimethylbenzene
Concen: 1.28 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

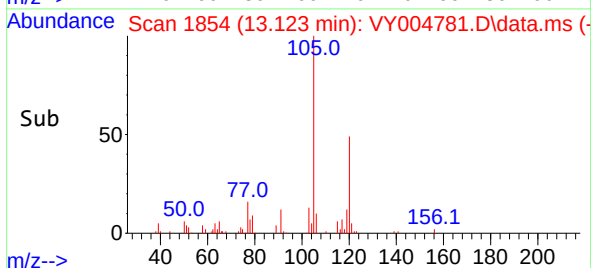
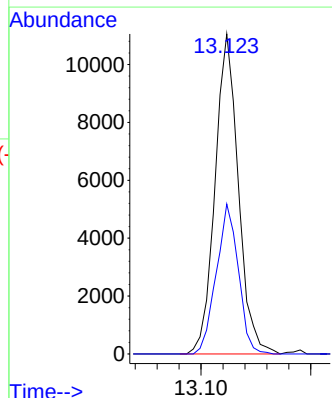
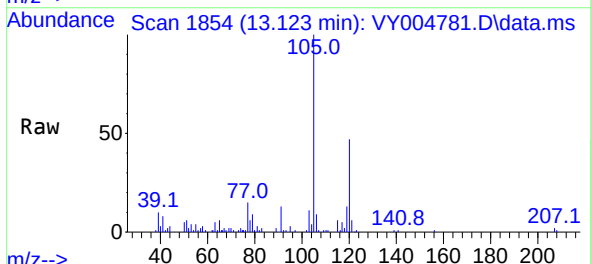
Instrument :
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SB-02-3.5-4.0

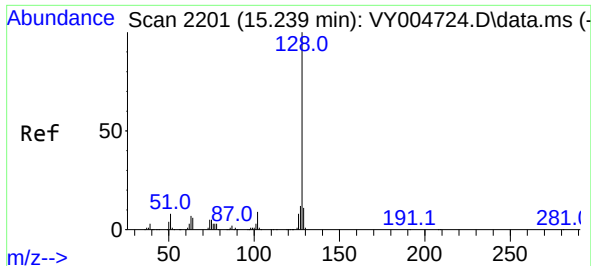
Tgt Ion:105 Resp: 8671
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 2.41 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

Tgt Ion:105 Resp: 16319
Ion Ratio Lower Upper
105 100
120 44.3 22.5 67.5





#95
Naphthalene
Concen: 7.89 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004781.D
Acq: 14 May 2021 14:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

Tgt Ion:128 Resp: 35003
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.2
129 11.9 8.6 13.0

