

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004908.D
 Acq On : 27 May 2021 18:44
 Operator : SY/MD
 Sample : M2539-02
 Misc : 5.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-073

Quant Time: May 28 01:06:42 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)

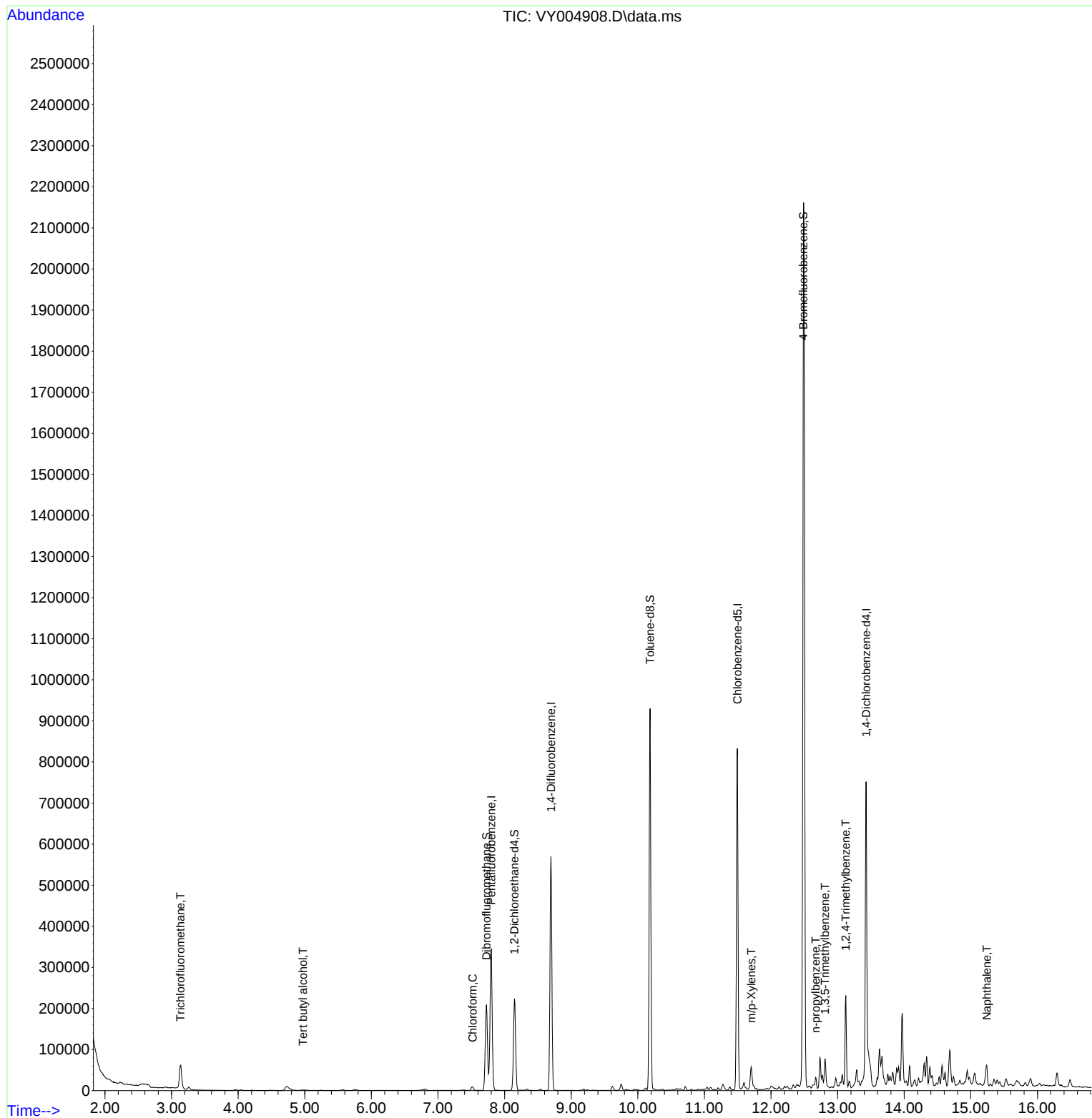
Internal Standards						
1) Pentafluorobenzene	7.801	168	264587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	478506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	453037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	173534	55.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.20%
35) Dibromofluoromethane	7.728	113	149102	56.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.84%
50) Toluene-d8	10.184	98	595584	50.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.66%
62) 4-Bromofluorobenzene	12.483	95	203424	50.93	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.86%
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.131	101	60846	12.76	ug/l	95
11) Tert butyl alcohol	4.972	59	2976	9.40	ug/l #	85
30) Chloroform	7.520	83	9125	1.67	ug/l	96
68) m/p-Xylenes	11.703	106	15759	2.42	ug/l	99
78) n-propylbenzene	12.672	91	19801	1.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	26502	2.34	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	116474	10.26	ug/l	99
95) Naphthalene	15.238	128	35944	4.83	ug/l	96

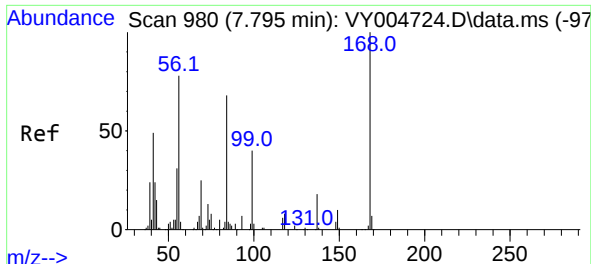
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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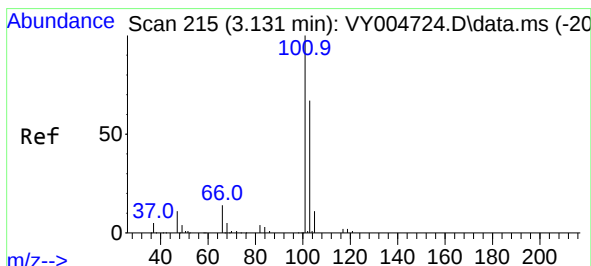
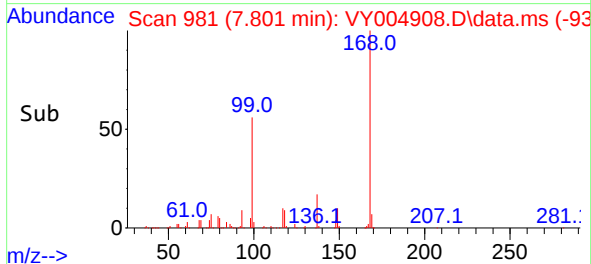
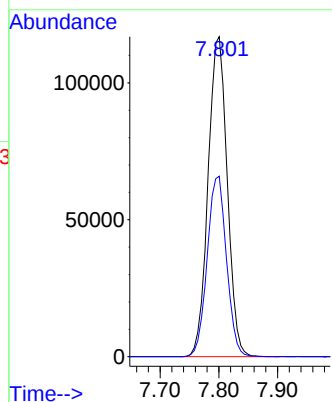
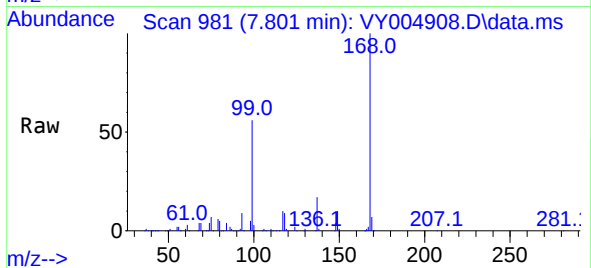




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

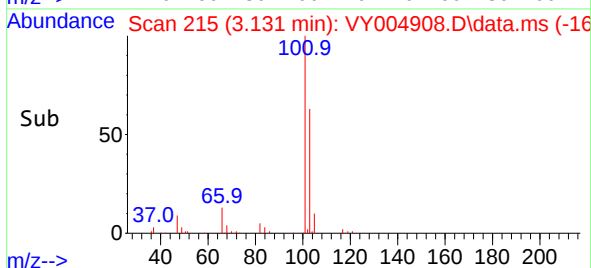
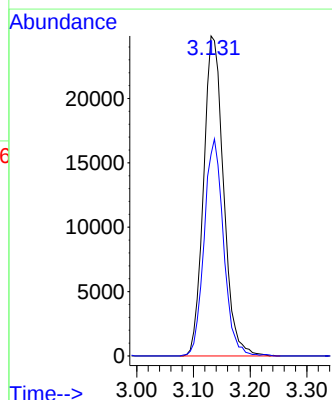
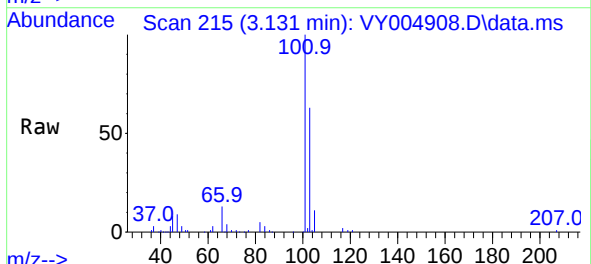
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-073

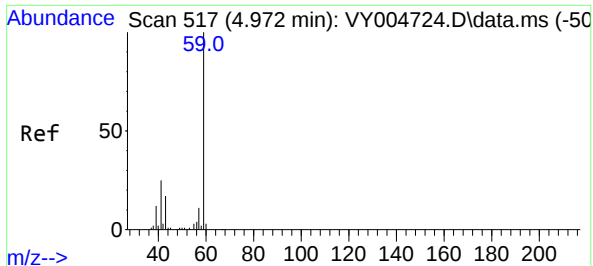
Tgt Ion:168 Resp: 264587
Ion Ratio Lower Upper
168 100
99 56.4 45.6 68.4



#7
Trichlorofluoromethane
Concen: 12.76 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion:101 Resp: 60846
Ion Ratio Lower Upper
101 100
103 63.1 53.4 80.2



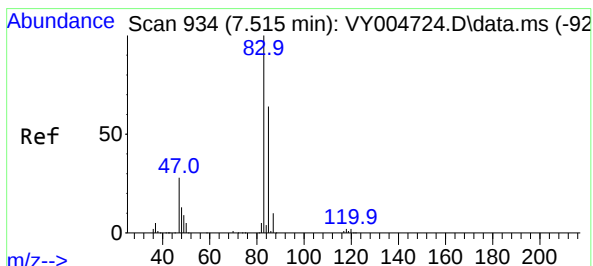
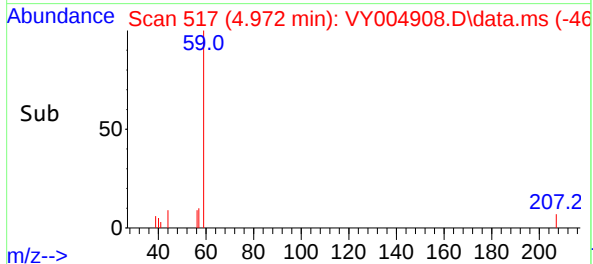
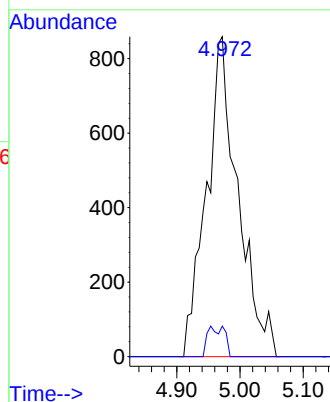
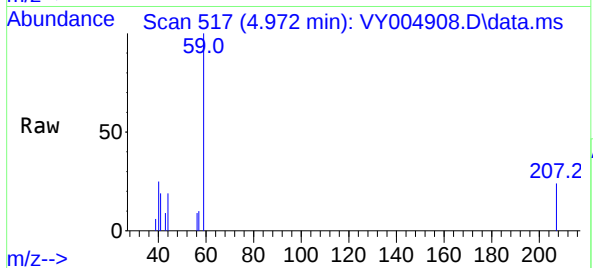


#11

Tert butyl alcohol
Concen: 9.40 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Instrument :
MSVOA_Y
ClientSampled :
FK-PS-01-073

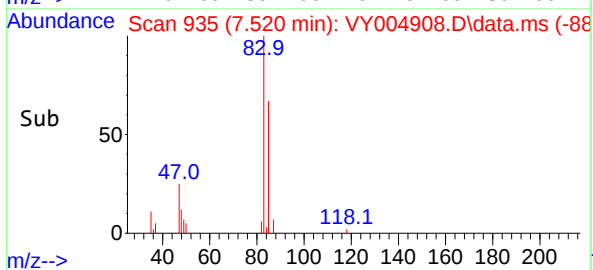
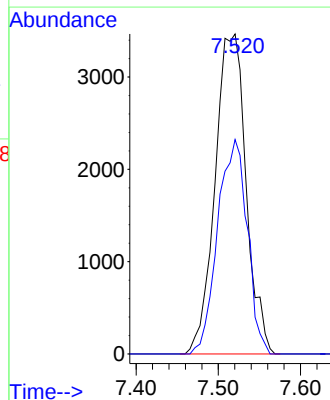
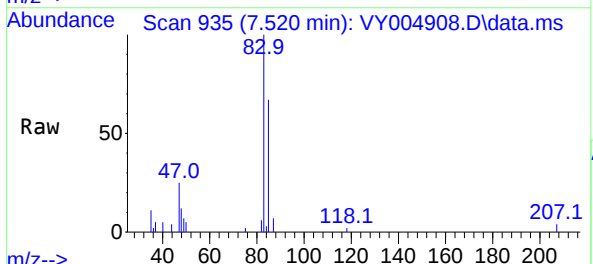
Tgt Ion: 59 Resp: 2976
Ion Ratio Lower Upper
59 100
57 5.1 8.7 13.1#

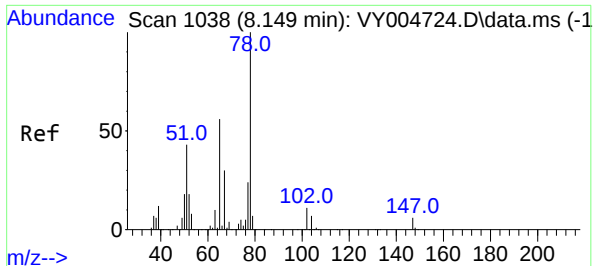


#30

Chloroform
Concen: 1.67 ug/l
RT: 7.520 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion: 83 Resp: 9125
Ion Ratio Lower Upper
83 100
85 67.0 51.3 76.9

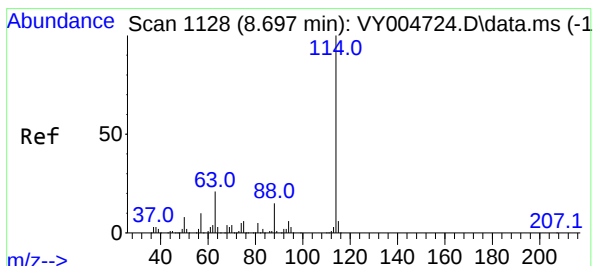
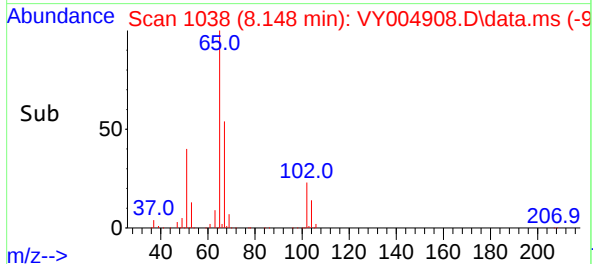
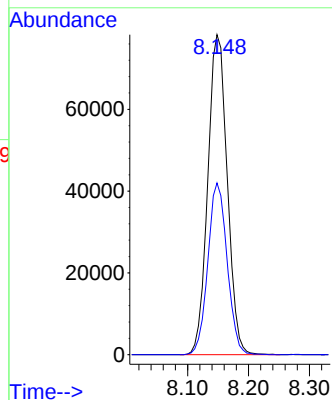
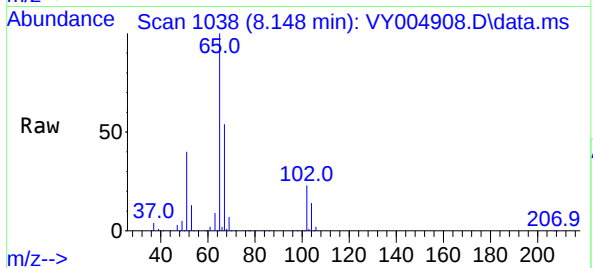




#33
1,2-Dichloroethane-d4
Concen: 55.10 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

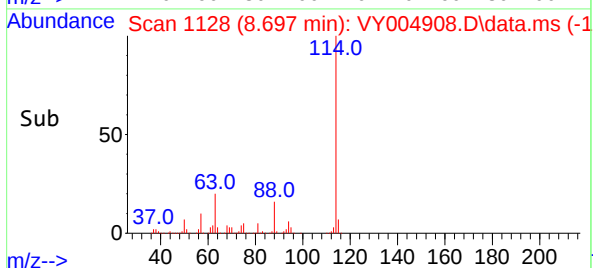
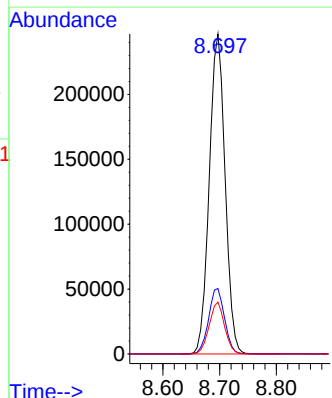
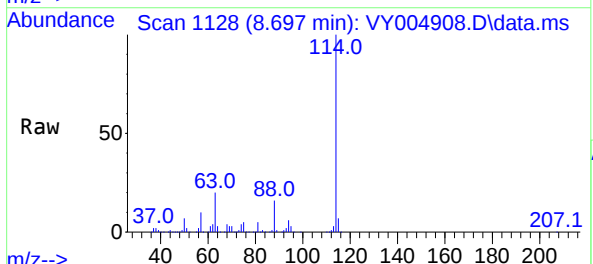
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-073

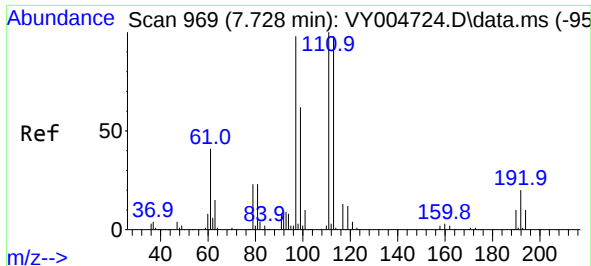
Tgt Ion: 65 Resp: 173534
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion: 114 Resp: 478506
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.2 0.0 31.0

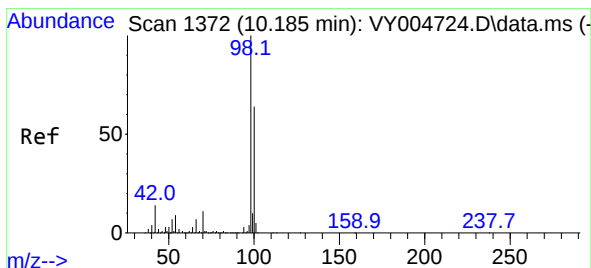
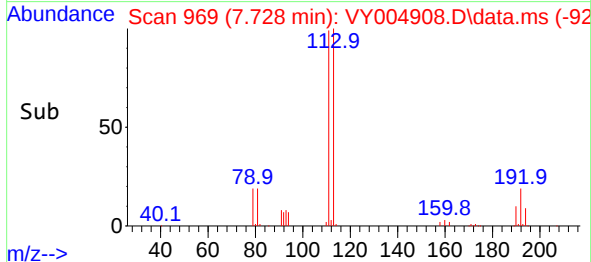
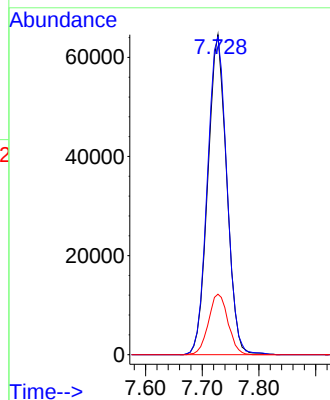
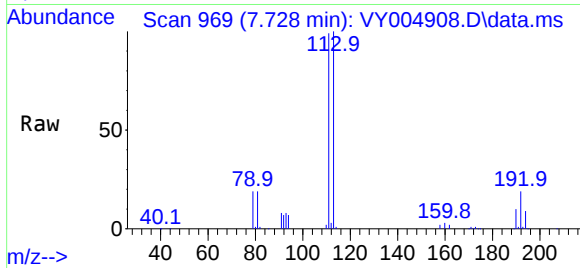




#35
Dibromofluoromethane
Concen: 56.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

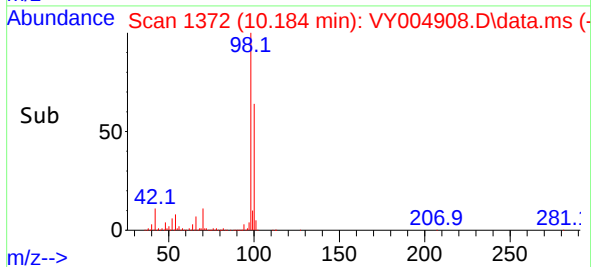
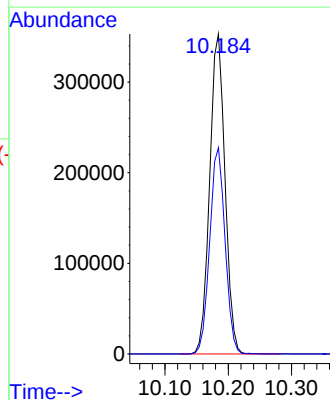
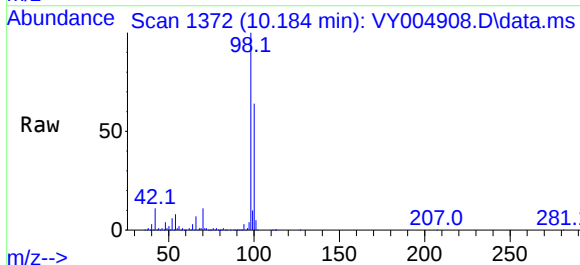
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-073

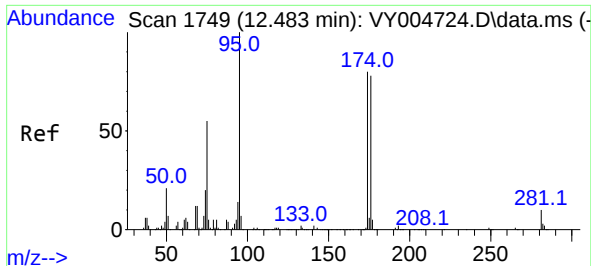
Tgt Ion:	113	Resp:	149102
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	19.6	15.0	22.6



#50
Toluene-d8
Concen: 50.33 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion:	98	Resp:	595584
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3

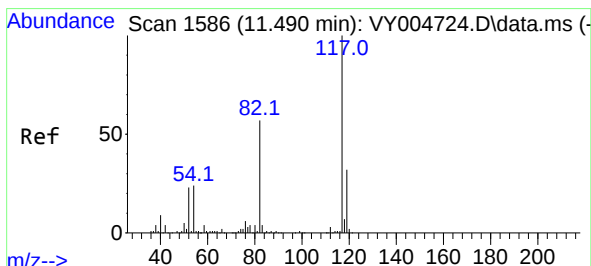
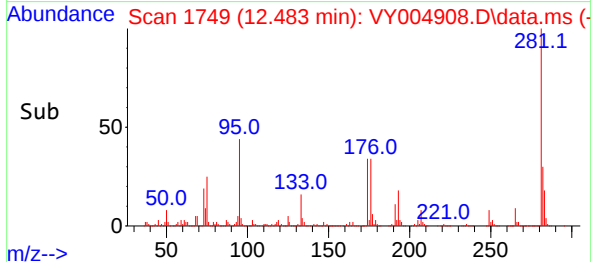
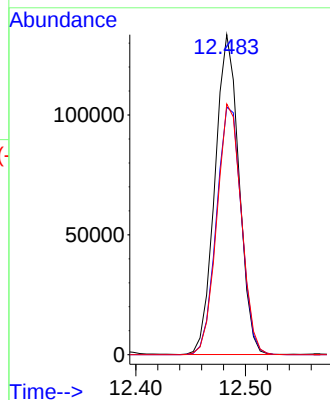
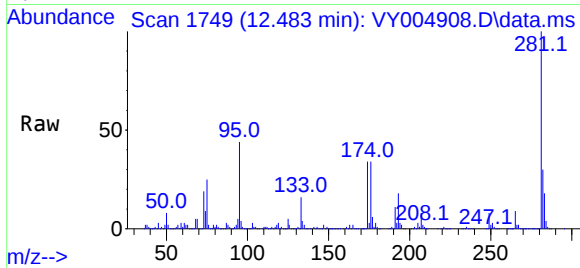




#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

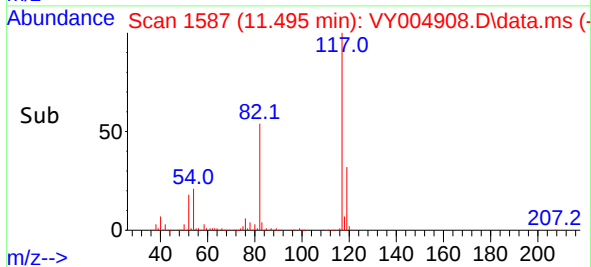
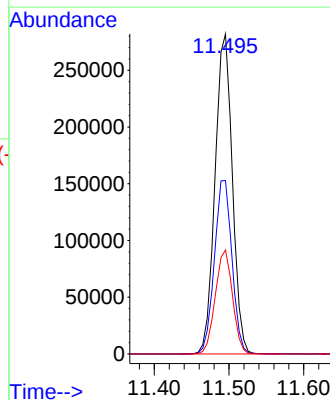
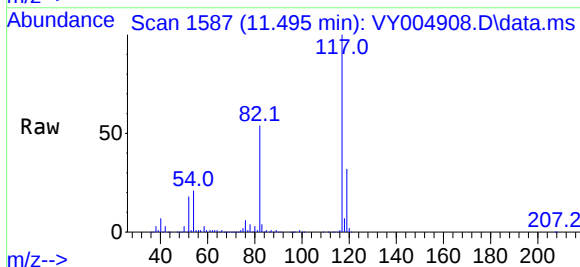
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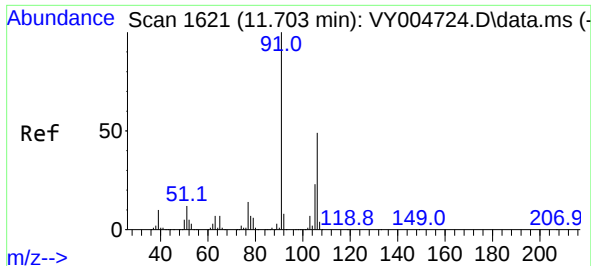
Tgt Ion: 95 Resp: 203424
Ion Ratio Lower Upper
95 100
174 80.4 0.0 164.2
176 79.8 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion:117 Resp: 453037
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.2
119 32.5 25.8 38.6

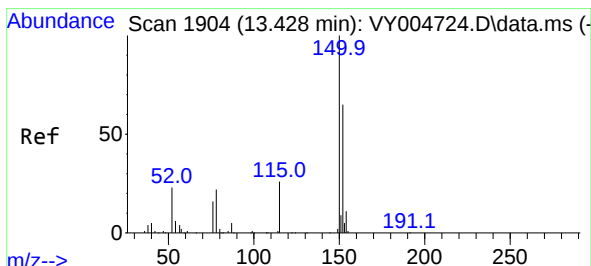
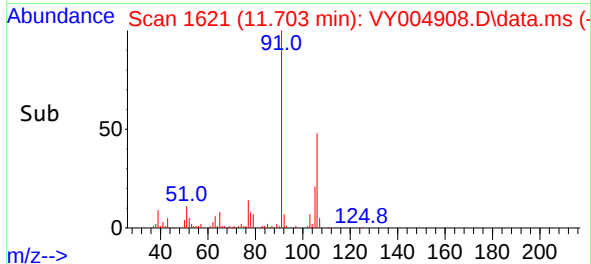
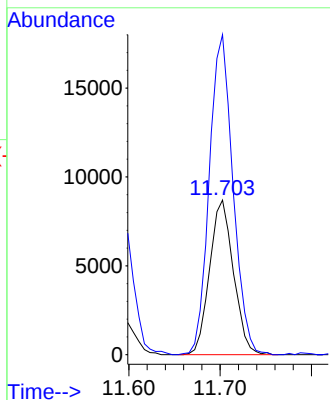
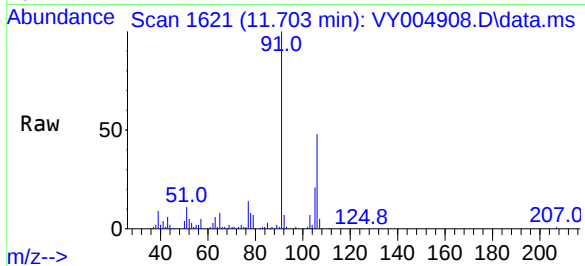




#68
m/p-Xylenes
Concen: 2.42 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

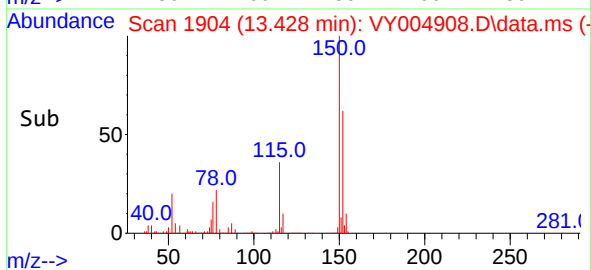
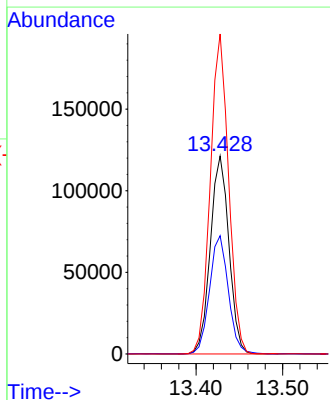
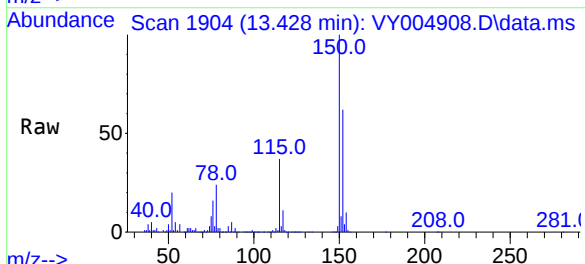
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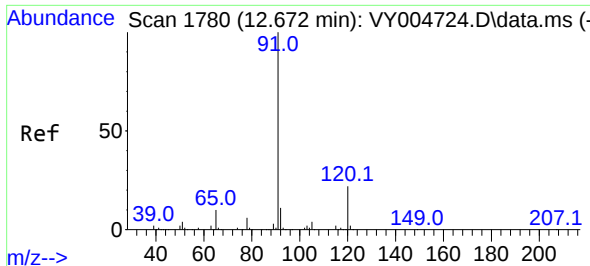
Tgt Ion:106 Resp: 15759
Ion Ratio Lower Upper
106 100
91 205.3 163.6 245.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion:152 Resp: 180962
Ion Ratio Lower Upper
152 100
115 60.6 29.4 88.3
150 158.7 0.0 349.8

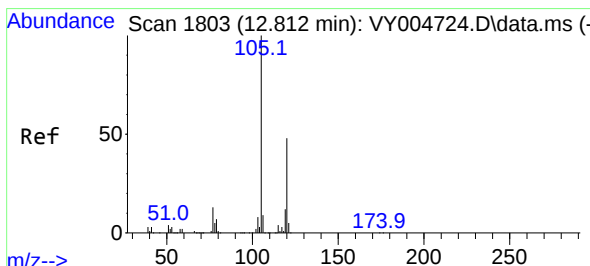
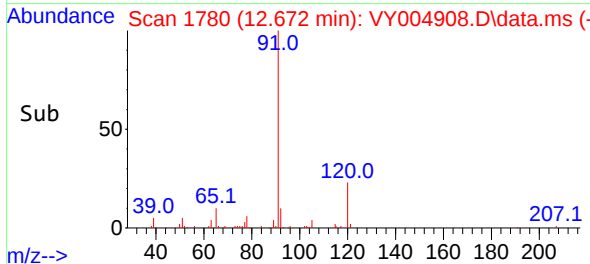
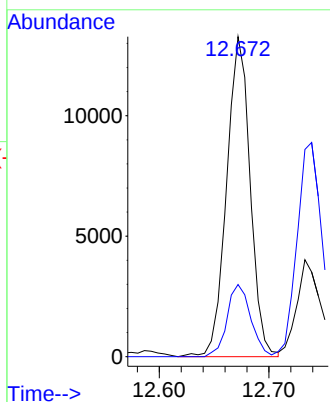
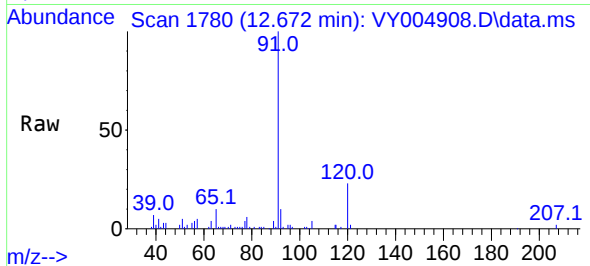




#78
n-propylbenzene
Concen: 1.19 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

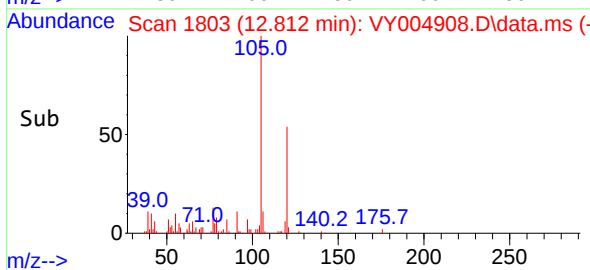
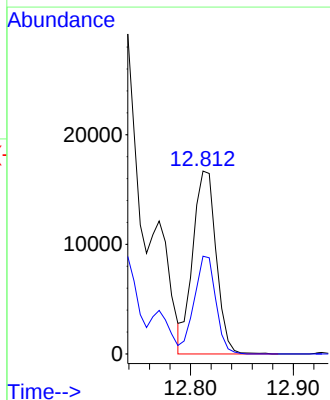
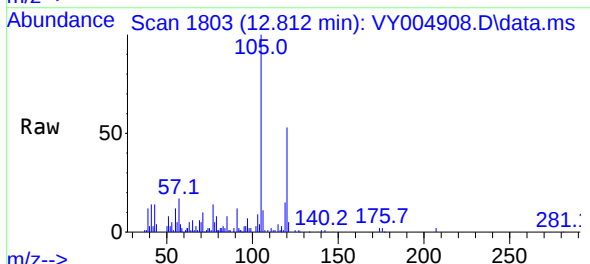
Instrument :
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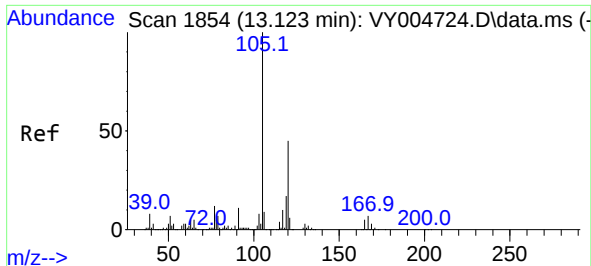
Tgt Ion: 91 Resp: 19801
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.3



#80
1,3,5-Trimethylbenzene
Concen: 2.34 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion: 105 Resp: 26502
Ion Ratio Lower Upper
105 100
120 49.3 24.0 72.0

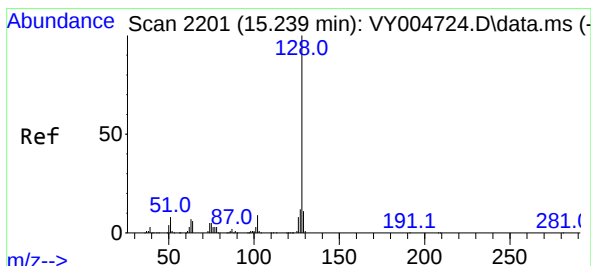
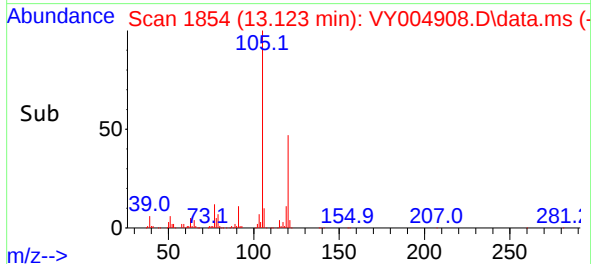
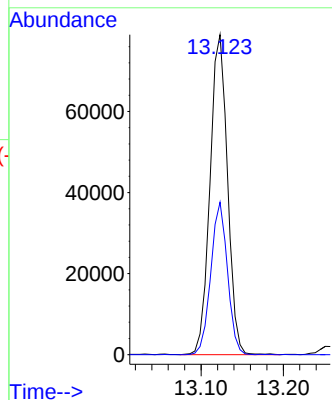
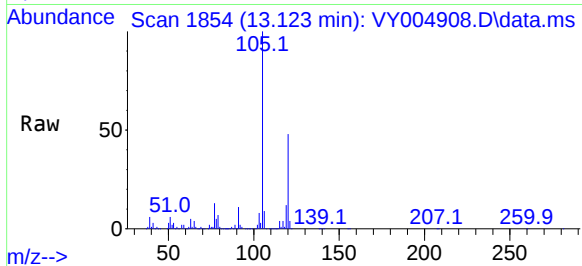




#84
1,2,4-Trimethylbenzene
Concen: 10.26 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-073

Tgt Ion:105 Resp: 116474
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5



#95
Naphthalene
Concen: 4.83 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004908.D
Acq: 27 May 2021 18:44

Tgt Ion:128 Resp: 35944
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.2
129 12.3 8.6 13.0

