

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007957.D
 Acq On : 21 Mar 2022 16:12
 Operator : SY/MD
 Sample : N1958-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-4-3-4

Quant Time: Mar 22 03:39:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

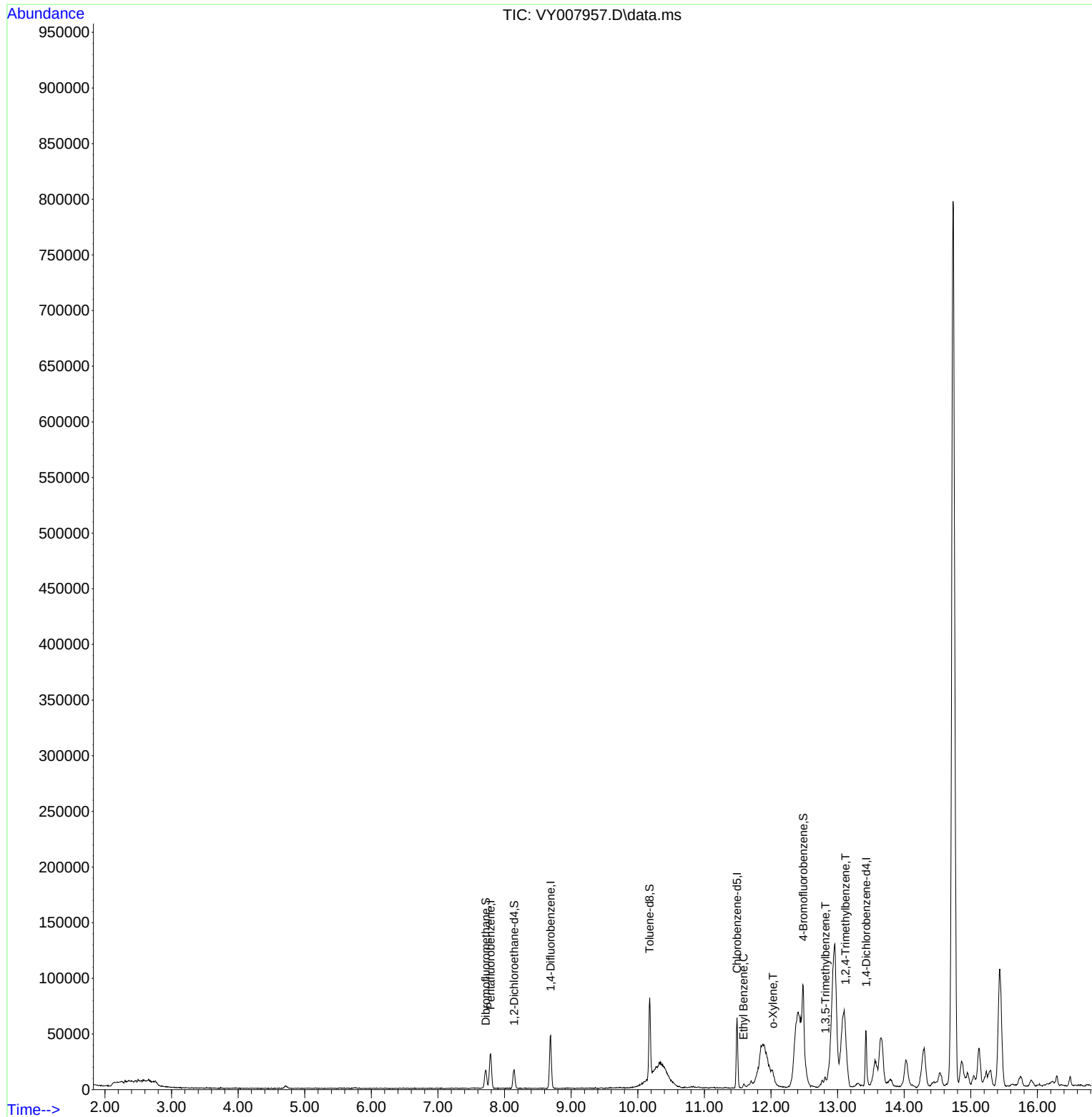
Internal Standards						
1) Pentafluorobenzene	7.789	168	22535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	40027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12467	48.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.716	113	12304	43.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.540%
50) Toluene-d8	10.179	98	47622	56.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.840%
62) 4-Bromofluorobenzene	12.483	95	13981	34.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.300%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.587	91	2409	1.766	ug/l	95
69) o-Xylene	12.032	106	788	1.531	ug/l	87
80) 1,3,5-Trimethylbenzene	12.819	105	2723	3.202	ug/l	86
84) 1,2,4-Trimethylbenzene	13.117	105	925	1.110	ug/l	96

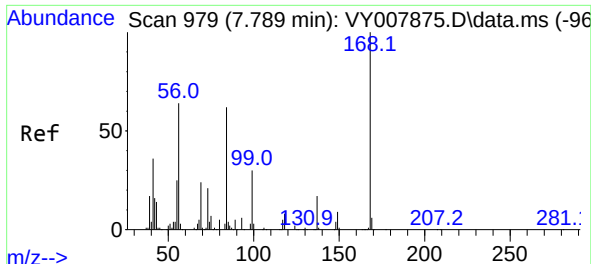
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

Quant Time: Mar 22 03:39:56 2022
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Quant Title : SW846 8260
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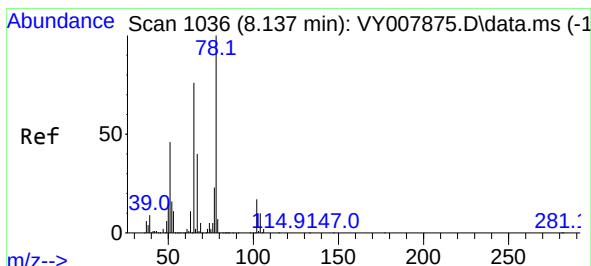
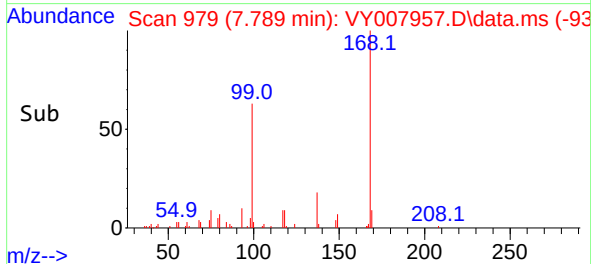
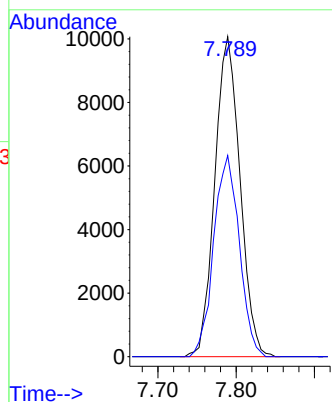
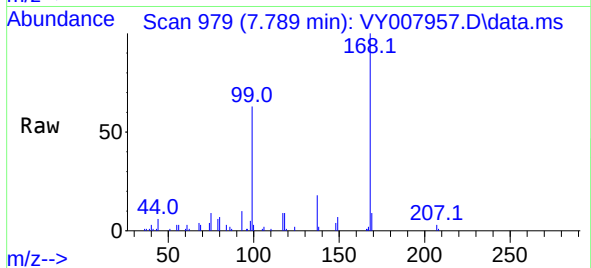




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

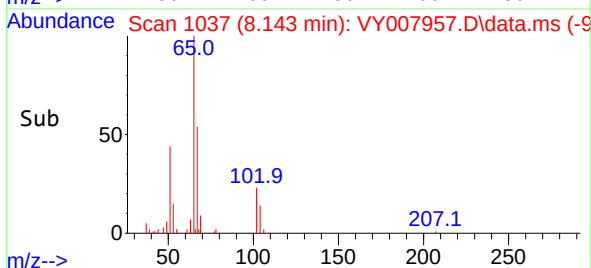
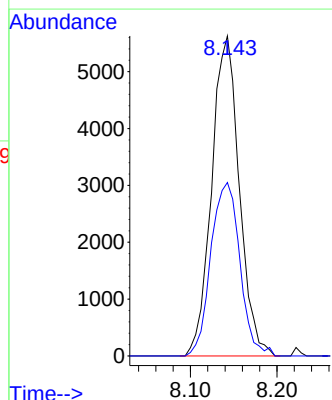
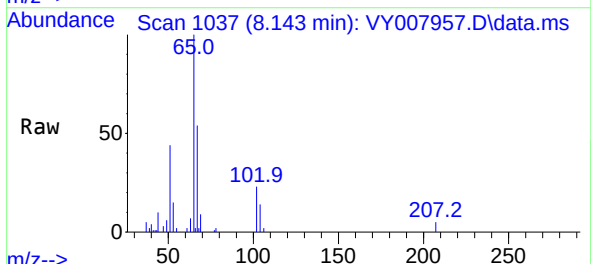
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

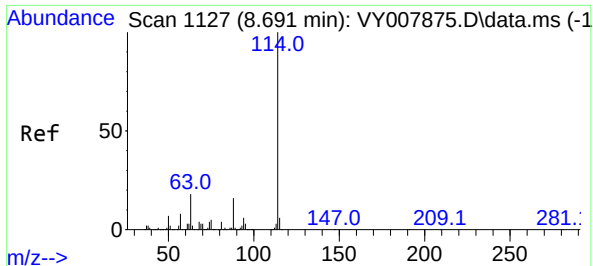
Tgt Ion:168 Resp: 22535
Ion Ratio Lower Upper
168 100
99 62.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.521 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

Tgt Ion: 65 Resp: 12467
Ion Ratio Lower Upper
65 100
67 56.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007957.D

Acq: 21 Mar 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

C-4-3-4

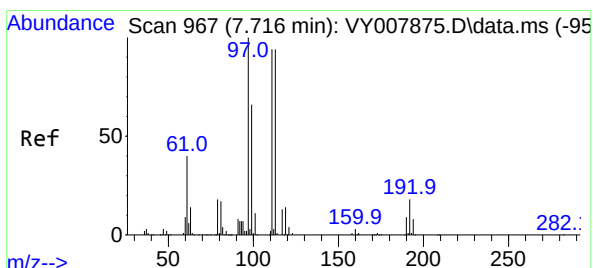
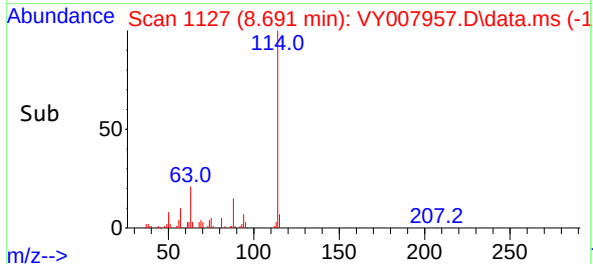
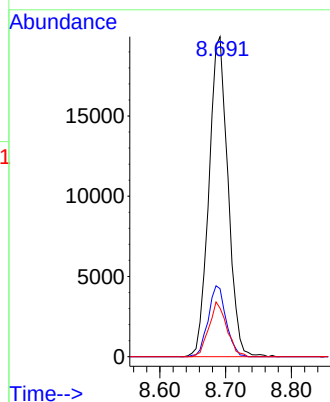
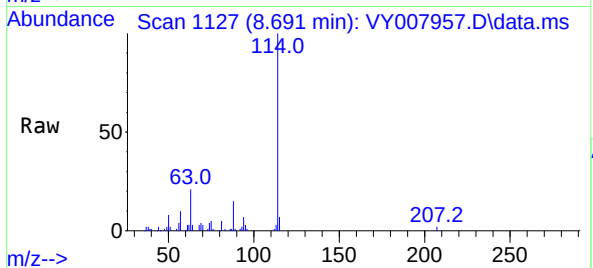
Tgt Ion:114 Resp: 40027

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.770 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY007957.D

Acq: 21 Mar 2022 16:12

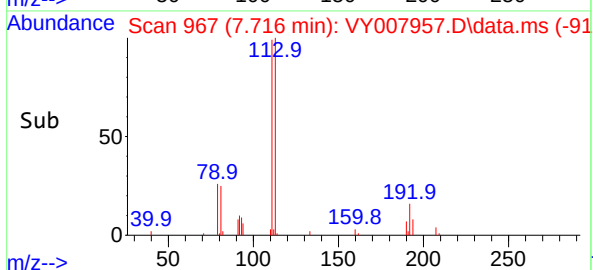
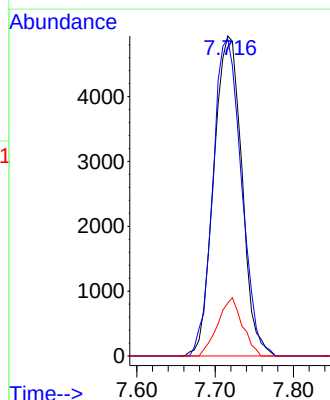
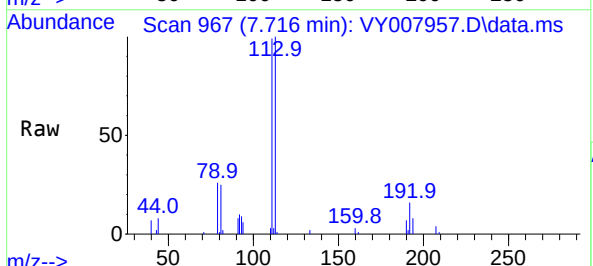
Tgt Ion:113 Resp: 12304

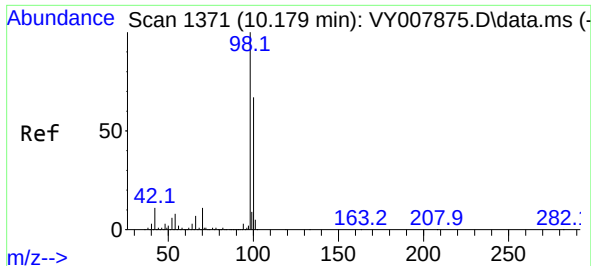
Ion Ratio Lower Upper

113 100

111 100.1 82.6 124.0

192 15.9 17.6 26.4#

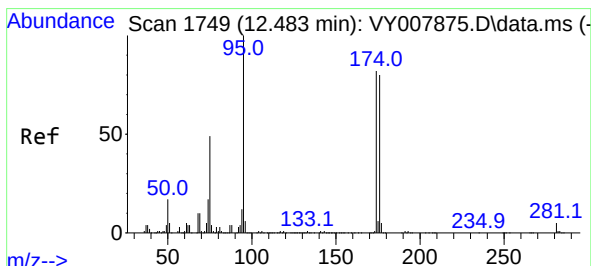
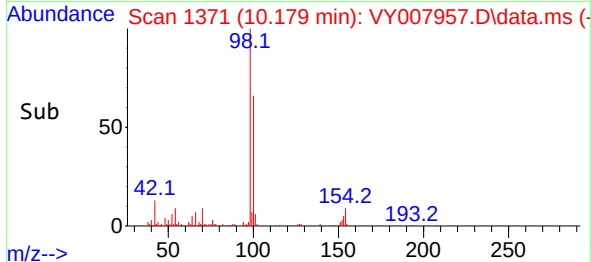
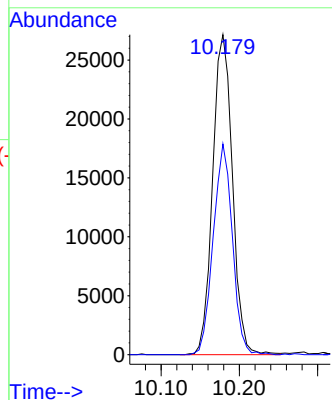
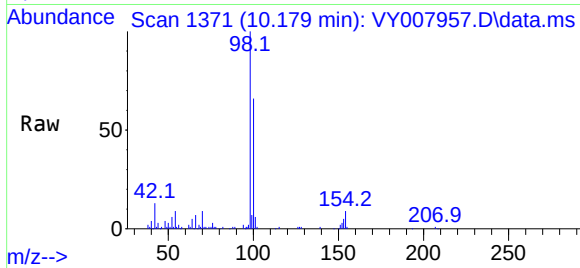




#50
Toluene-d8
Concen: 56.923 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

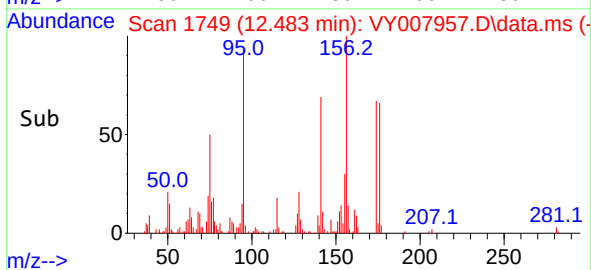
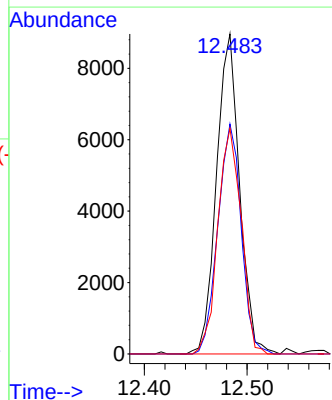
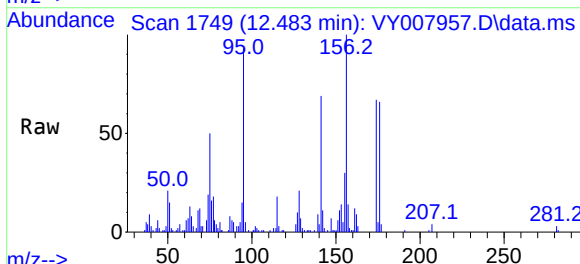
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

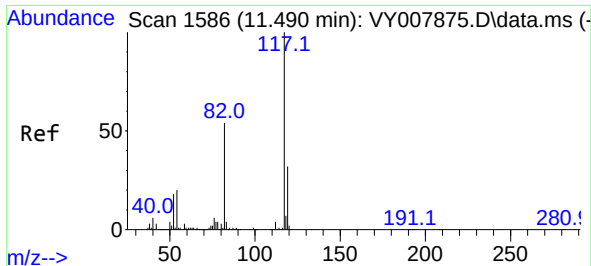
Tgt Ion: 98 Resp: 47622
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

Tgt Ion: 95 Resp: 13981
Ion Ratio Lower Upper
95 100
174 72.6 0.0 177.0
176 71.4 0.0 175.8

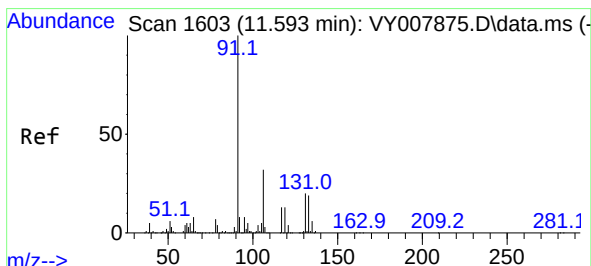
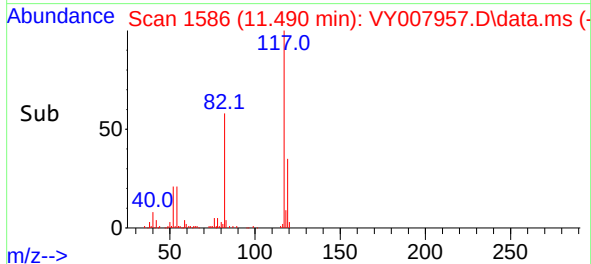
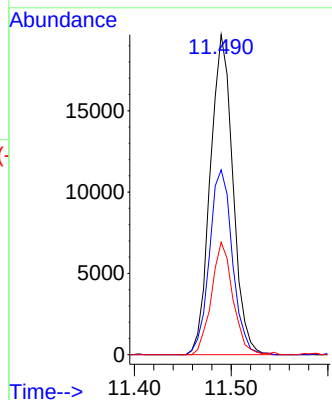
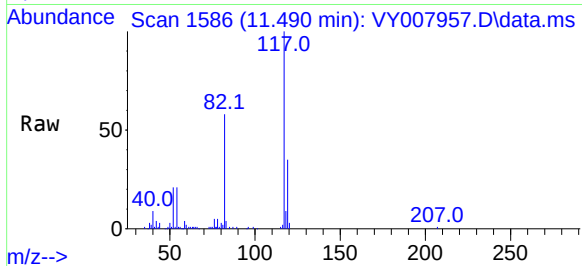




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

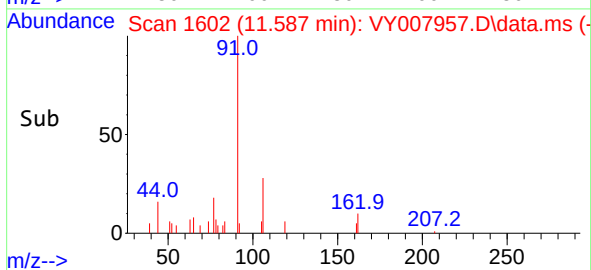
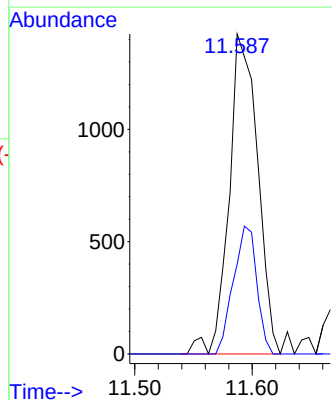
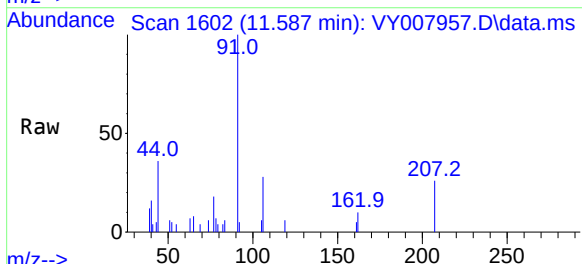
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

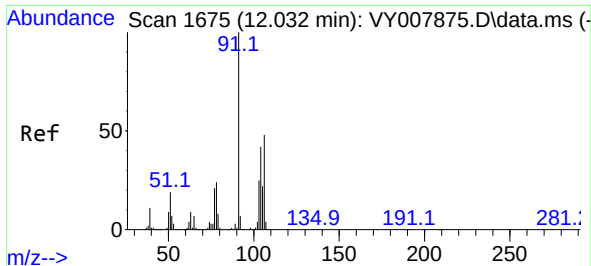
Tgt Ion:	117	Resp:	31963
Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.0	64.4
119	35.1	25.4	38.0



#67
Ethyl Benzene
Concen: 1.766 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

Tgt Ion:	91	Resp:	2409
Ion	Ratio	Lower	Upper
91	100		
106	28.0	24.5	36.7

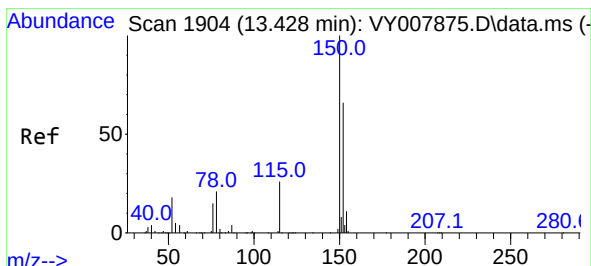
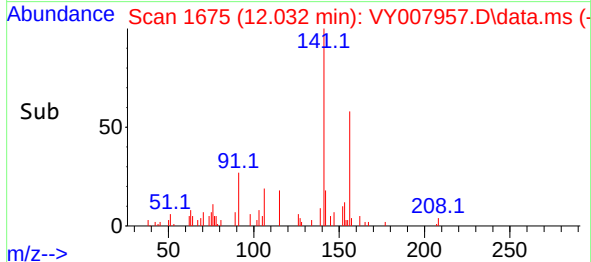
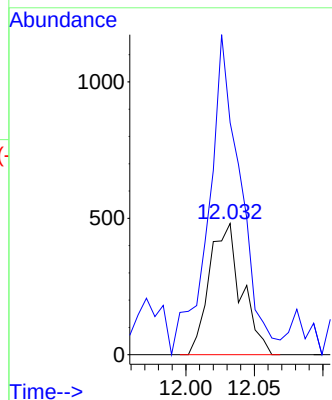
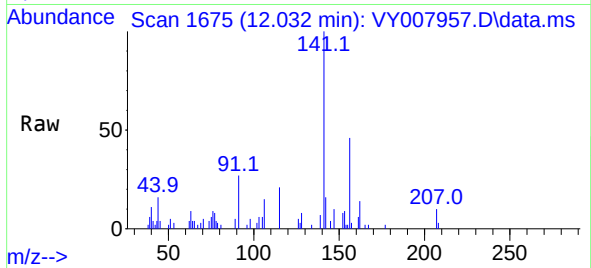




#69
o-Xylene
Concen: 1.531 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

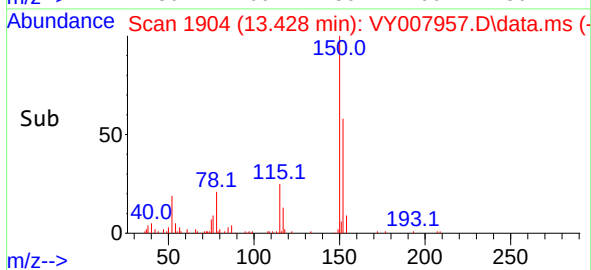
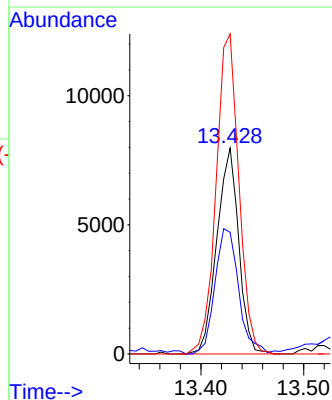
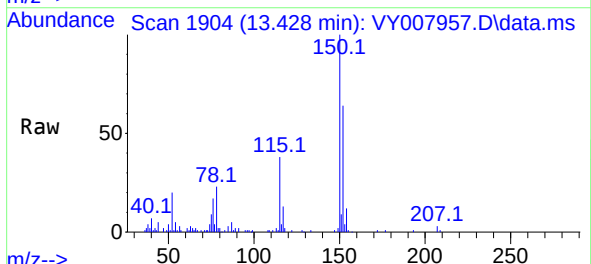
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

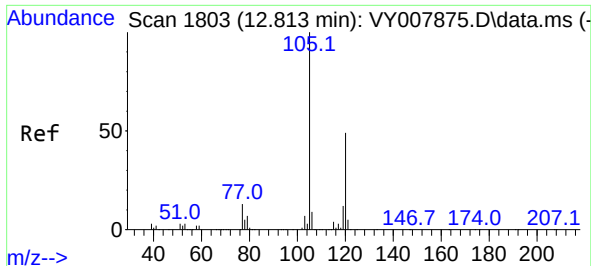
Tgt Ion:106 Resp: 788
Ion Ratio Lower Upper
106 100
91 241.5 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

Tgt Ion:152 Resp: 11747
Ion Ratio Lower Upper
152 100
115 66.8 28.2 84.7
150 161.8 0.0 347.6

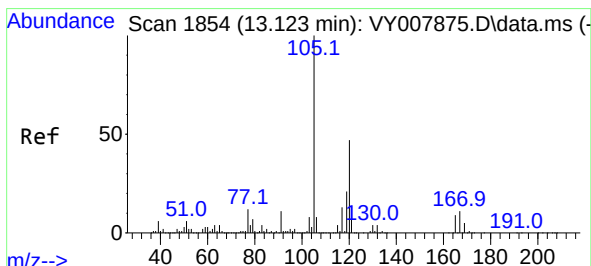
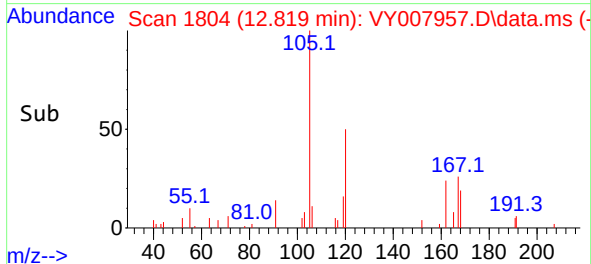
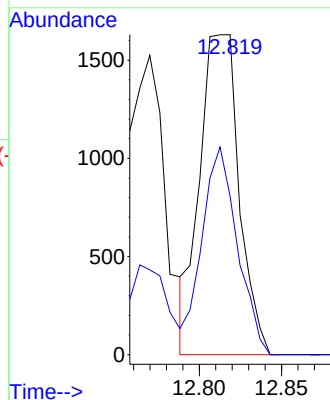
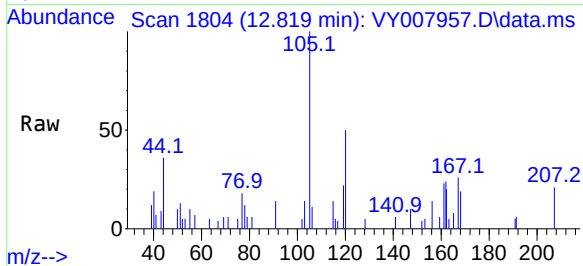




#80
1,3,5-Trimethylbenzene
Concen: 3.202 ug/l
RT: 12.819 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

Tgt Ion:105 Resp: 2723
Ion Ratio Lower Upper
105 100
120 58.2 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 1.110 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007957.D
Acq: 21 Mar 2022 16:12

Tgt Ion:105 Resp: 925
Ion Ratio Lower Upper
105 100
120 41.8 22.3 66.9

