

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007747.D
 Acq On : 04 Mar 2022 17:17
 Operator : SY/MD
 Sample : N1730-16
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31-32-SAMPLE-LOCATION-16

Quant Time: Mar 05 04:25:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

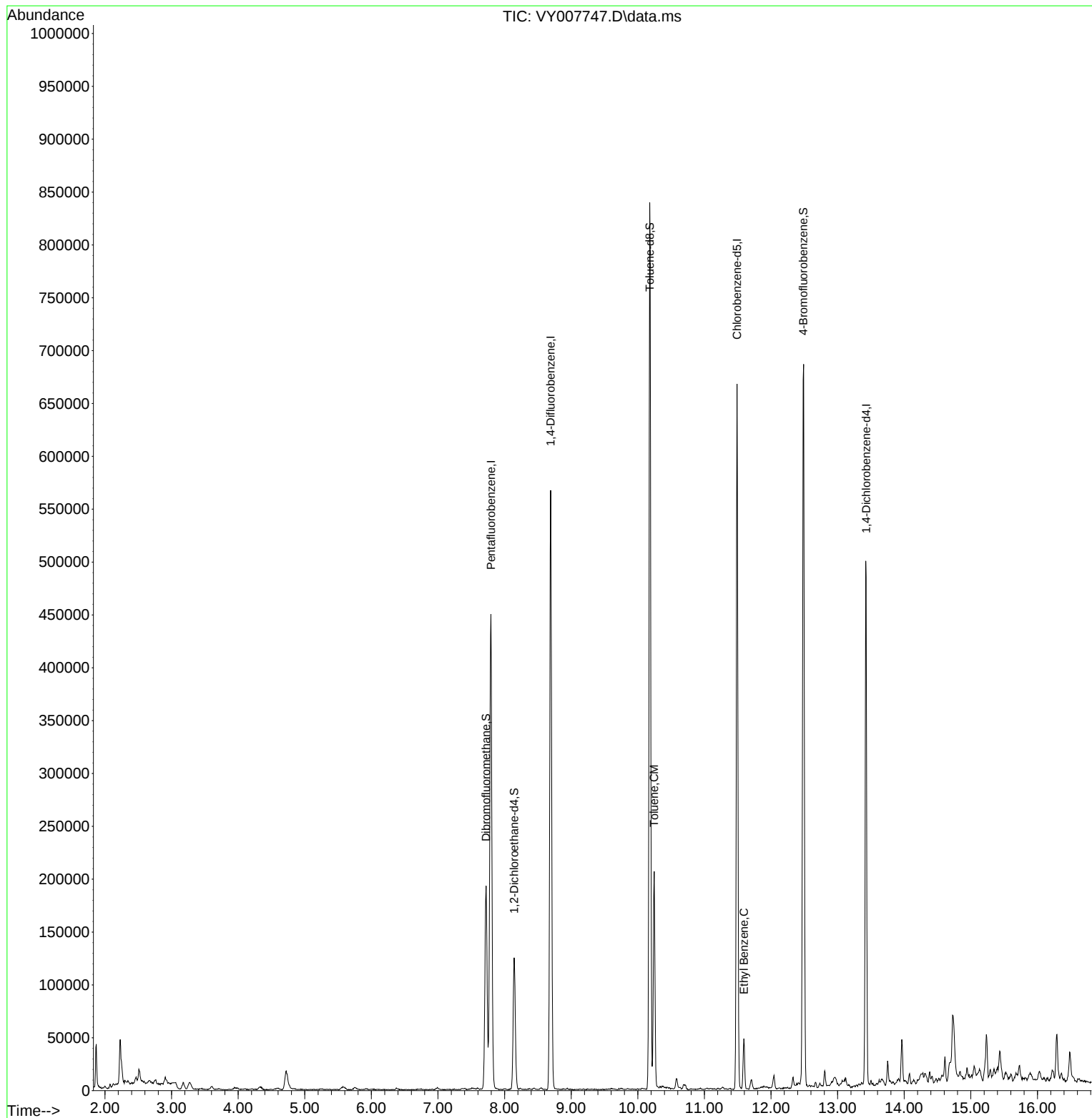
Internal Standards						
1) Pentafluorobenzene	7.795	168	359937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	490235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95219	25.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	50.540%
35) Dibromofluoromethane	7.722	113	131704	42.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.040%
50) Toluene-d8	10.179	98	561421	48.662	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.483	95	119432	32.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.220%
Target Compounds						
					Qvalue	
52) Toluene	10.246	92	82459	9.294	ug/l	99
67) Ethyl Benzene	11.593	91	31338	2.263	ug/l	96

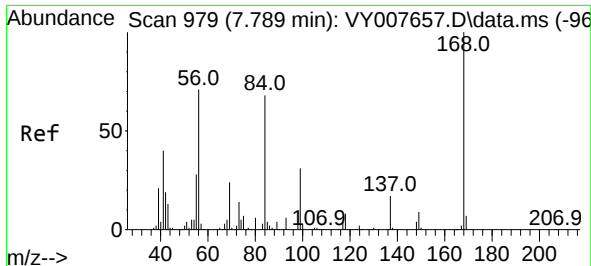
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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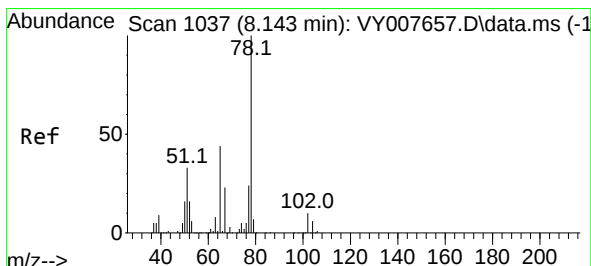
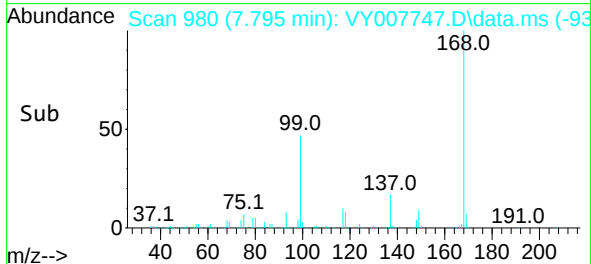
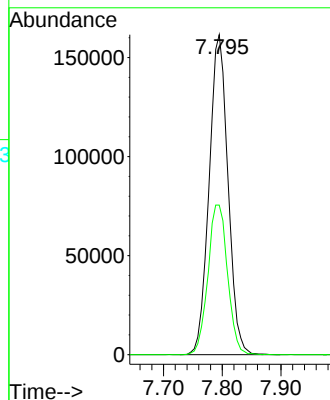
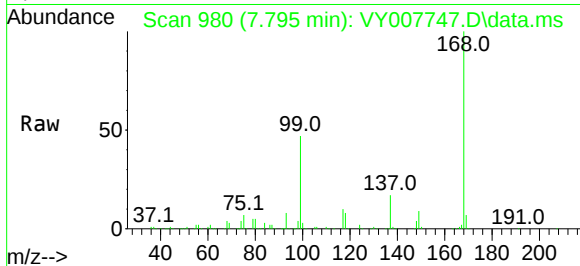




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

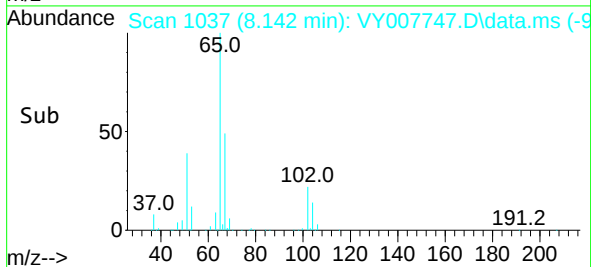
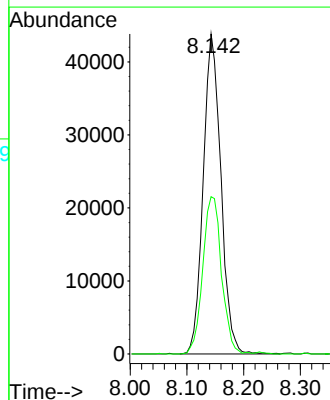
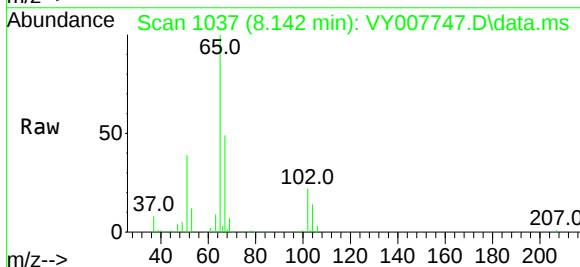
Instrument :
MSVOA_Y
ClientSampleId :
31-32-SAMPLE-LOCATION-16

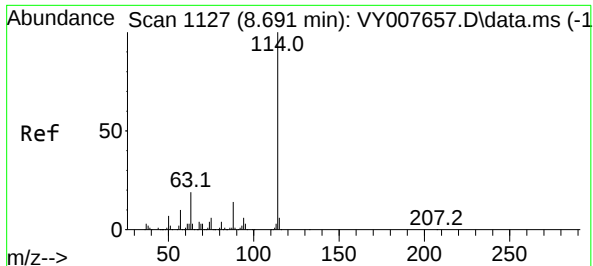
Tgt Ion:168 Resp: 359937
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 25.269 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 65 Resp: 95219
Ion Ratio Lower Upper
65 100
67 52.2 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: VY007747.D

Acq: 04 Mar 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

31-32-SAMPLE-LOCATION-16

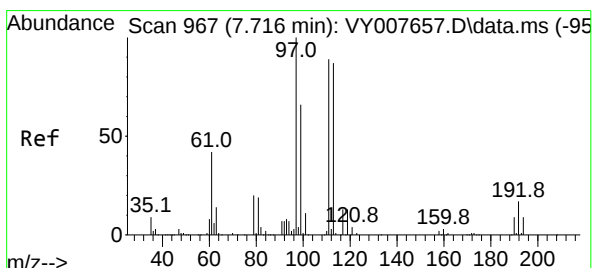
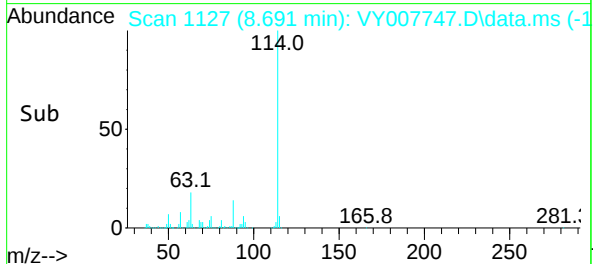
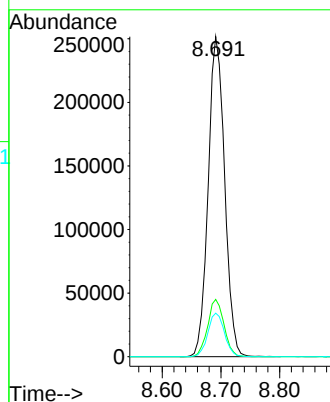
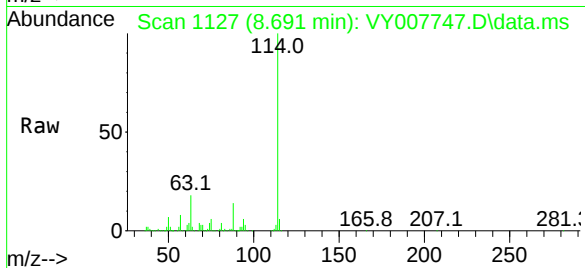
Tgt Ion:114 Resp: 490235

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.021 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007747.D

Acq: 04 Mar 2022 17:17

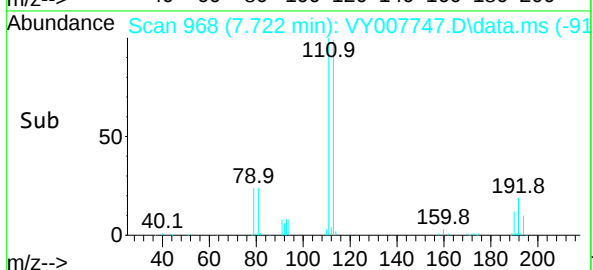
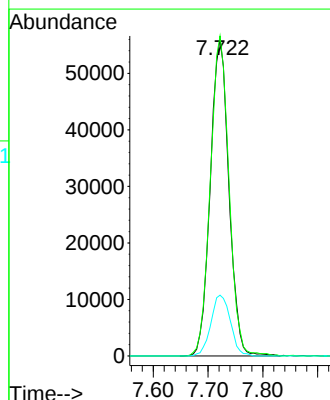
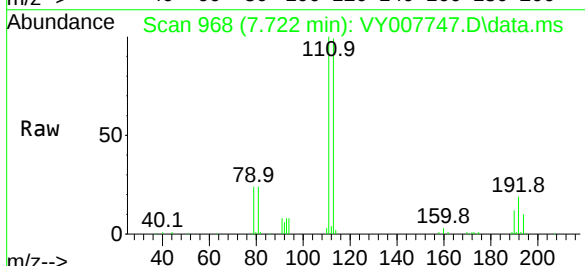
Tgt Ion:113 Resp: 131704

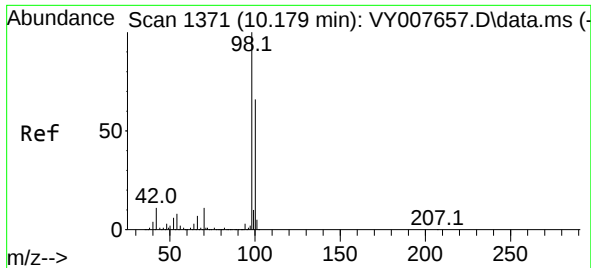
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 20.2 17.6 26.4

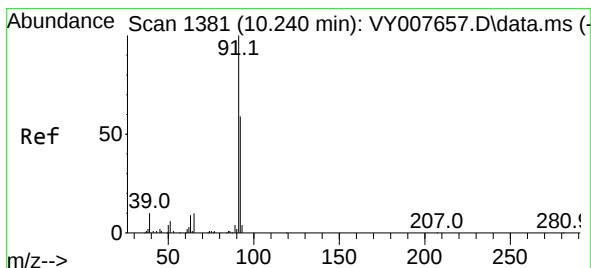
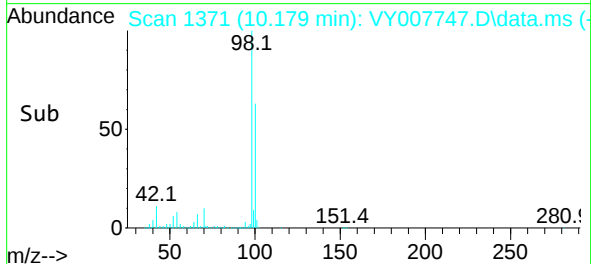
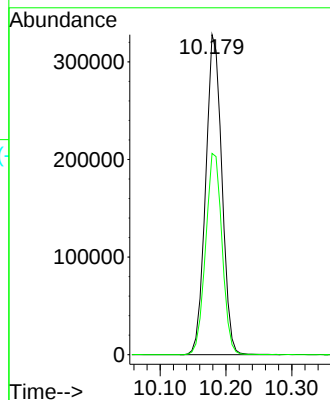
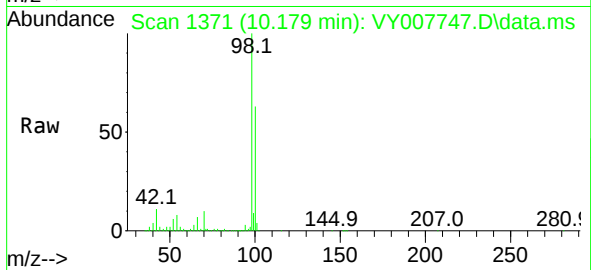




#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

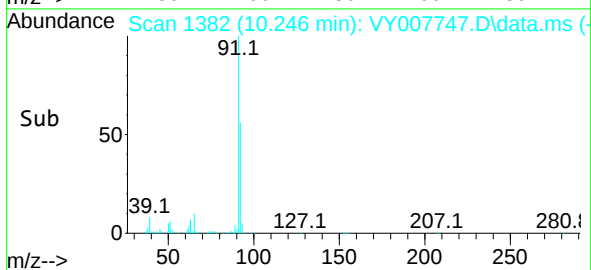
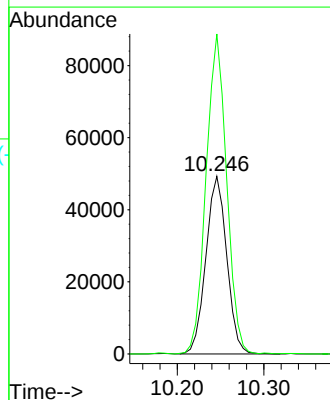
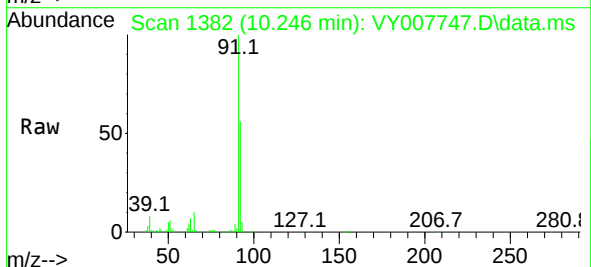
Instrument : MSVOA_Y
ClientSampleId : 31-32-SAMPLE-LOCATION-16

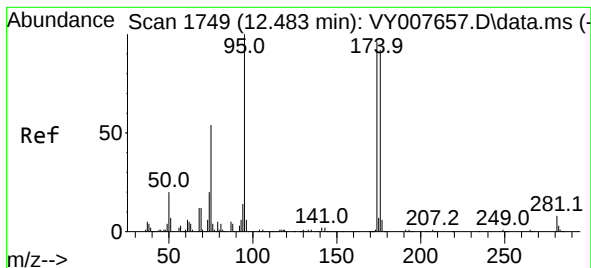
Tgt Ion: 98 Resp: 561421
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#52
Toluene
Concen: 9.294 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 92 Resp: 82459
Ion Ratio Lower Upper
92 100
91 177.1 142.6 213.8

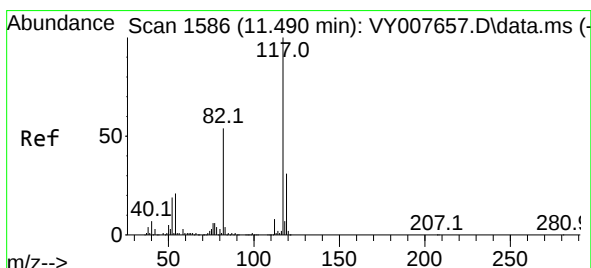
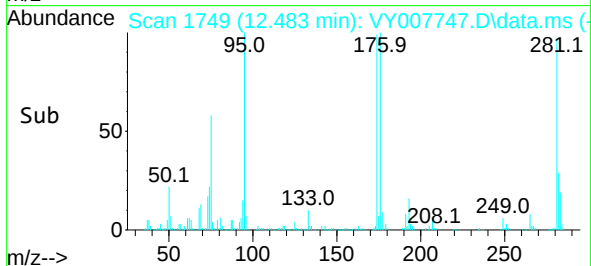
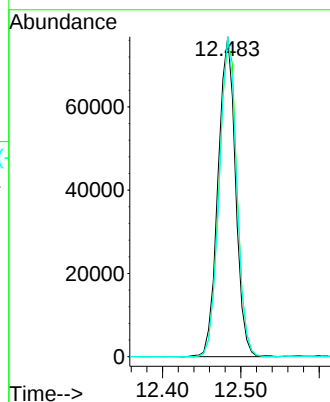
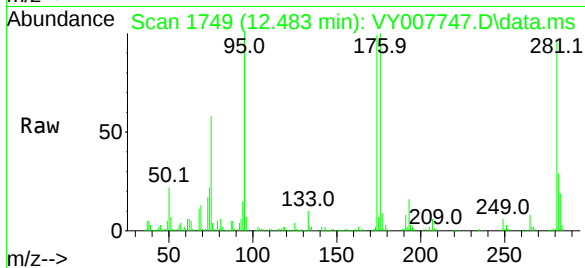




#62
4-Bromofluorobenzene
Concen: 32.114 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

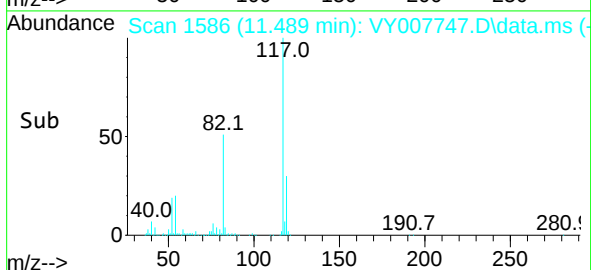
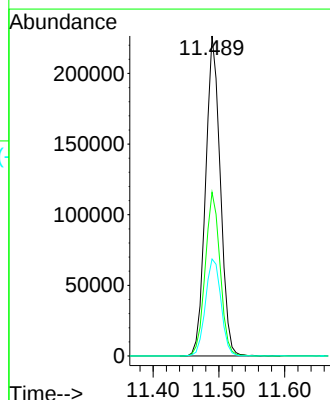
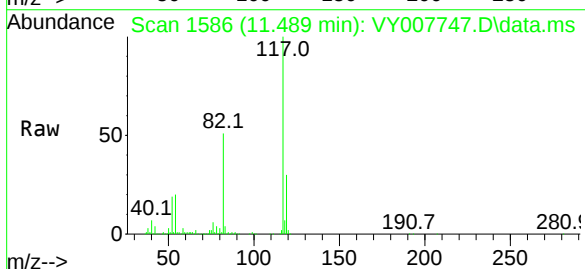
Instrument :
MSVOA_Y
ClientSampleId :
31-32-SAMPLE-LOCATION-16

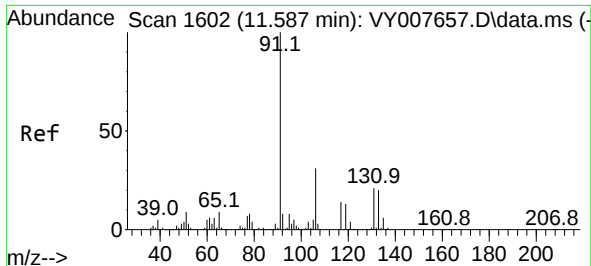
Tgt Ion: 95 Resp: 119432
Ion Ratio Lower Upper
95 100
174 100.7 0.0 177.0
176 99.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 117 Resp: 352444
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 30.3 25.4 38.0

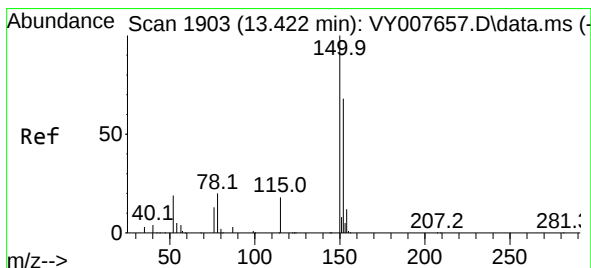
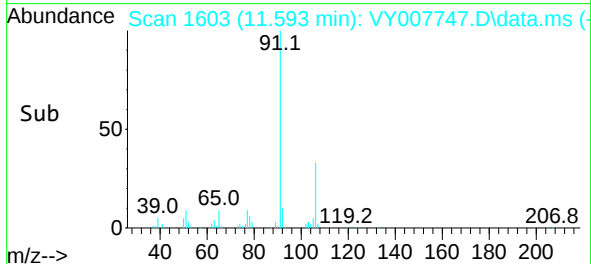
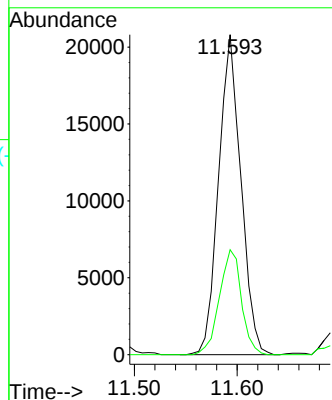
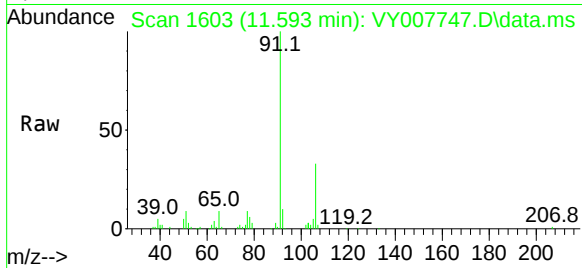




#67
Ethyl Benzene
Concen: 2.263 ug/l
RT: 11.593 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
31-32-SAMPLE-LOCATION-16

Tgt Ion: 91 Resp: 31338
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 152 Resp: 124818
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 154.9 0.0 347.6

