

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006615.D
 Acq On : 03 Nov 2021 20:39
 Operator : SY/MD
 Sample : M4436-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S15-SP

Quant Time: Nov 03 21:24:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

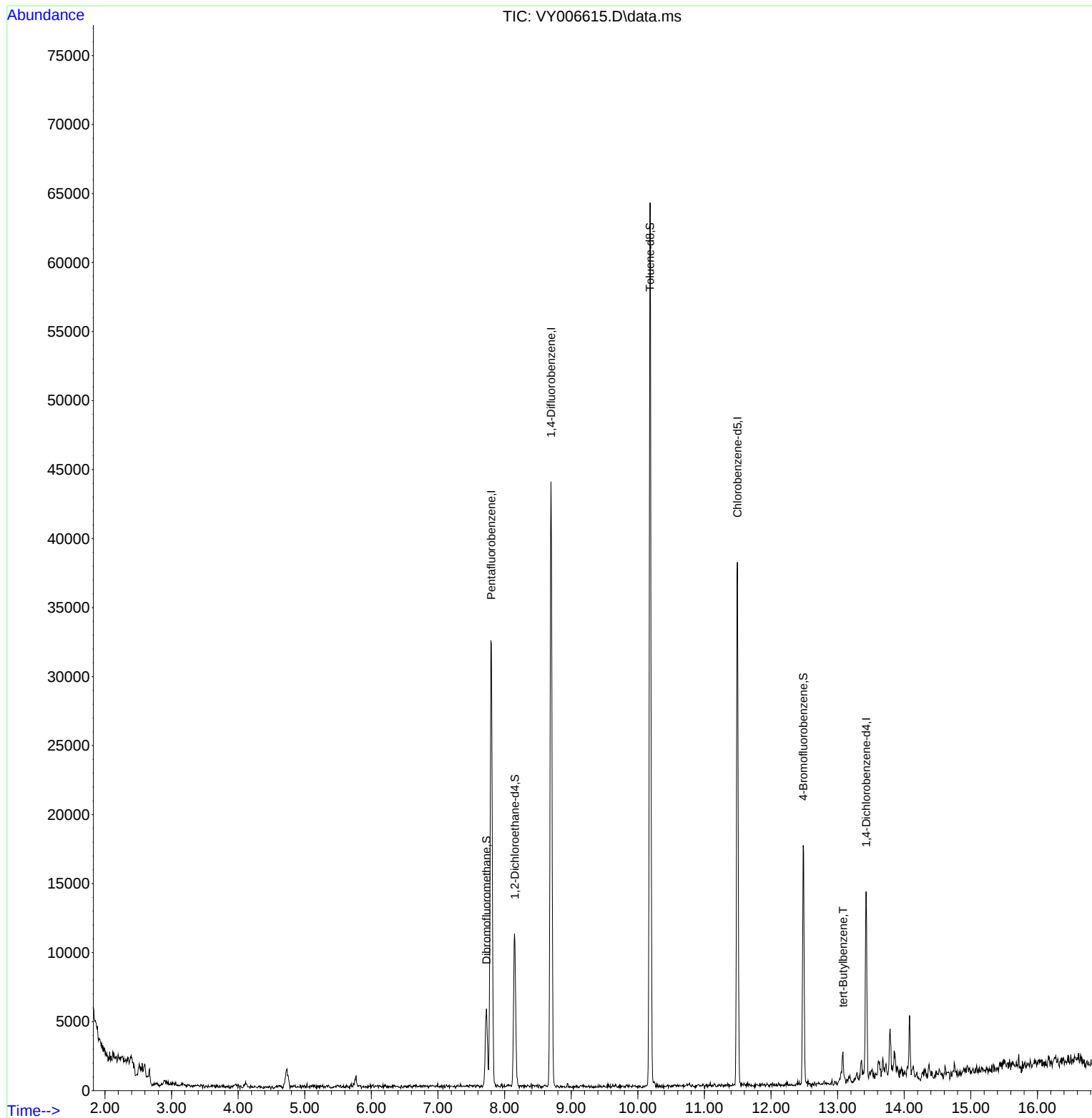
Internal Standards						
1) Pentafluorobenzene	7.801	168	24281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	34910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	19668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	9072	30.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.720%
35) Dibromofluoromethane	7.728	113	3896	20.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.040%#
50) Toluene-d8	10.185	98	40001	48.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.483	95	5049	18.171	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.340%
Target Compounds						Qvalue
83) tert-Butylbenzene	13.081	119	963	5.716	ug/l	93

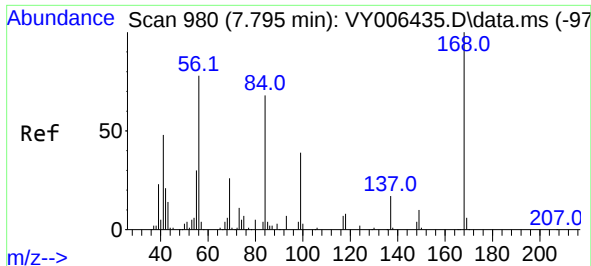
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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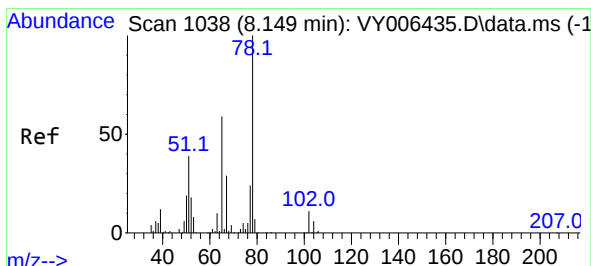
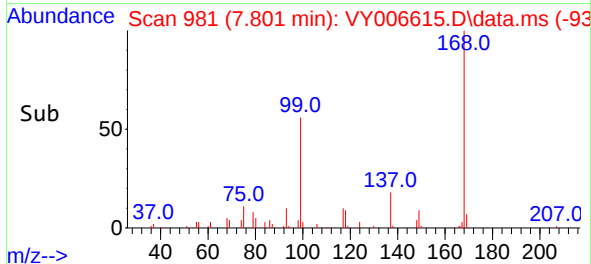
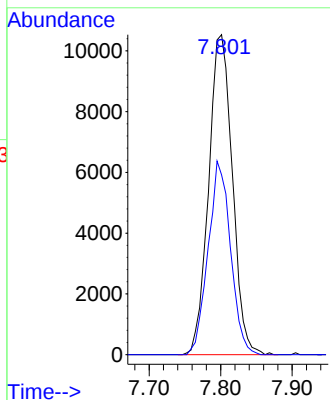
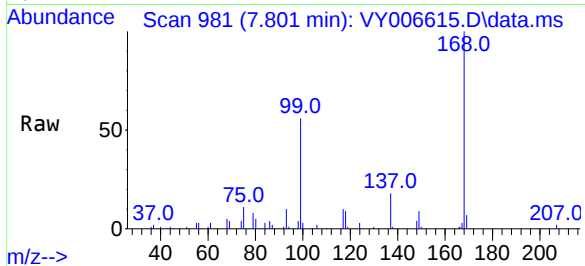




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

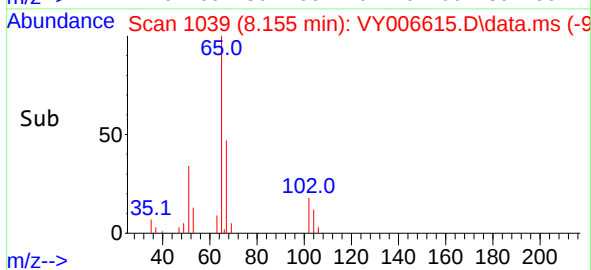
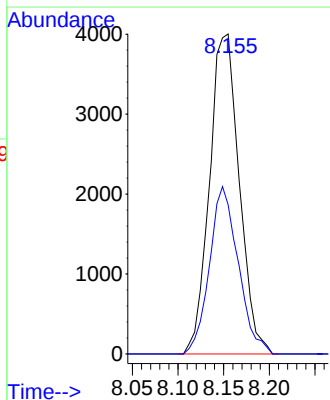
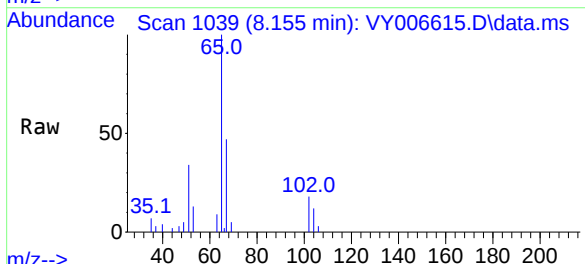
Instrument :
MSVOA_Y
ClientSampleId :
S15-SP

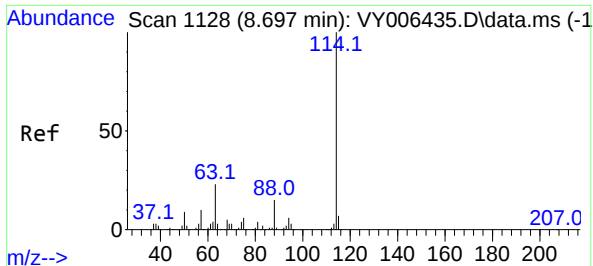
Tgt Ion:168 Resp: 24281
Ion Ratio Lower Upper
168 100
99 56.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 30.362 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

Tgt Ion: 65 Resp: 9072
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006615.D

Acq: 03 Nov 2021 20:39

Instrument :

MSVOA_Y

ClientSampleId :

S15-SP

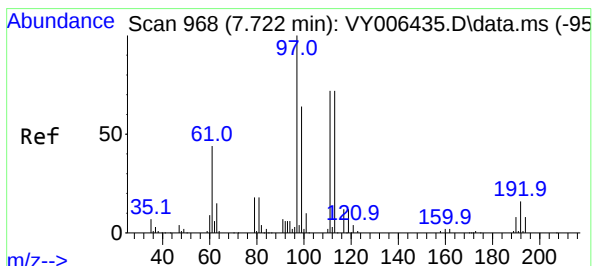
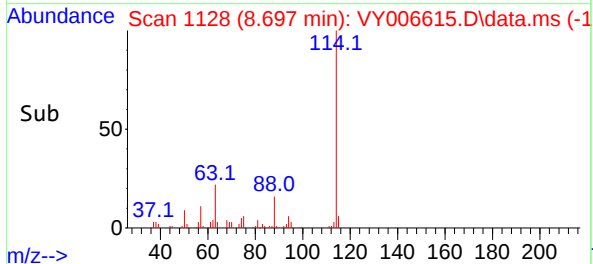
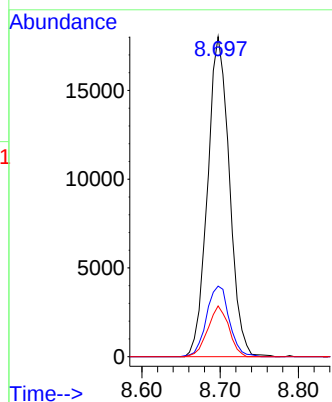
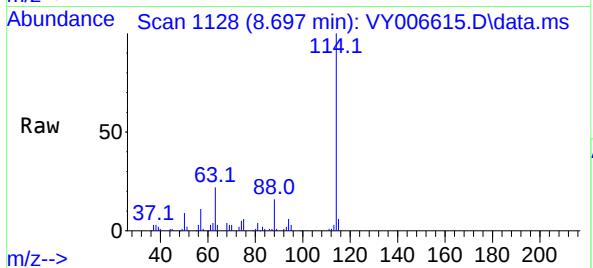
Tgt Ion:114 Resp: 34910

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 20.023 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006615.D

Acq: 03 Nov 2021 20:39

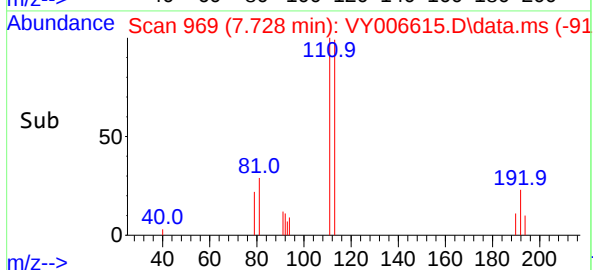
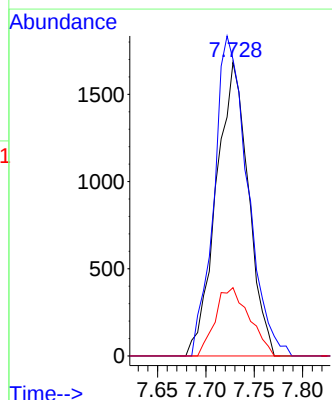
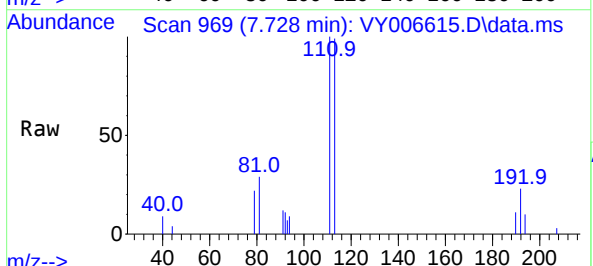
Tgt Ion:113 Resp: 3896

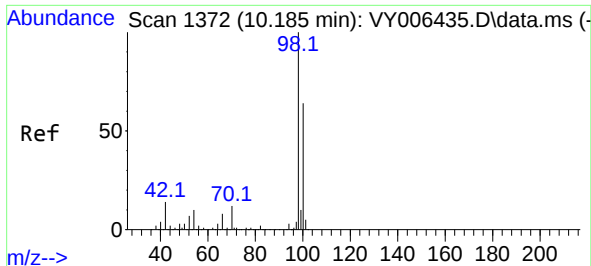
Ion Ratio Lower Upper

113 100

111 113.1 82.3 123.5

192 24.6 17.4 26.2

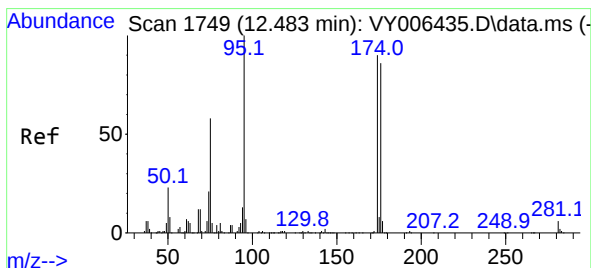
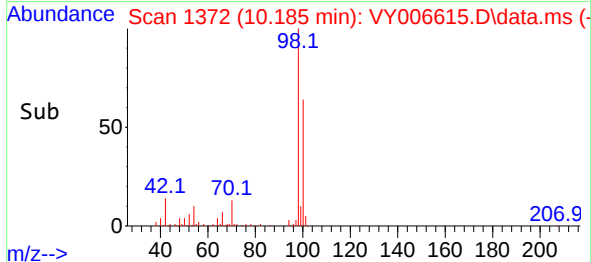
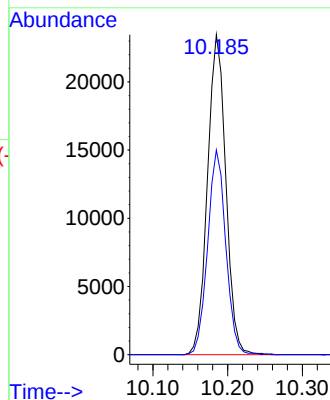
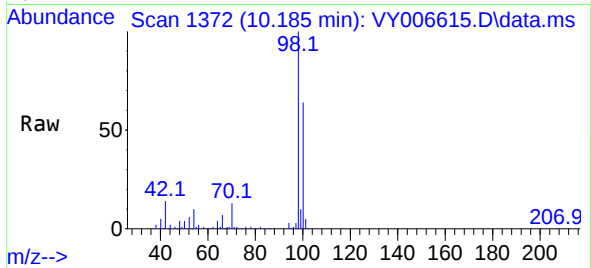




#50
Toluene-d8
Concen: 48.495 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

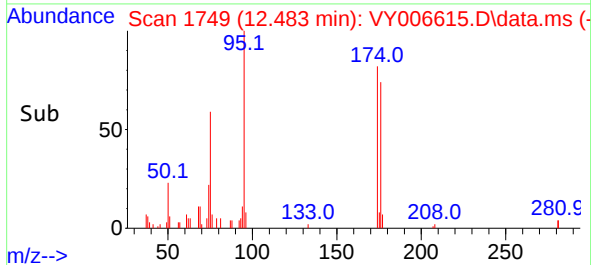
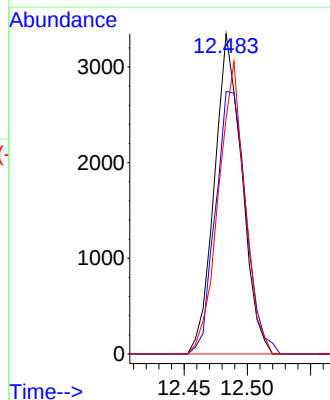
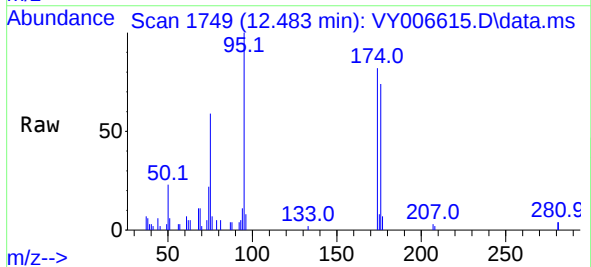
Instrument :
MSVOA_Y
ClientSampleId :
S15-SP

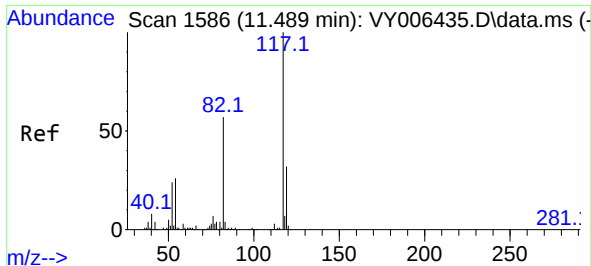
Tgt Ion: 98 Resp: 40001
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 18.171 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

Tgt Ion: 95 Resp: 5049
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.8 0.0 169.4

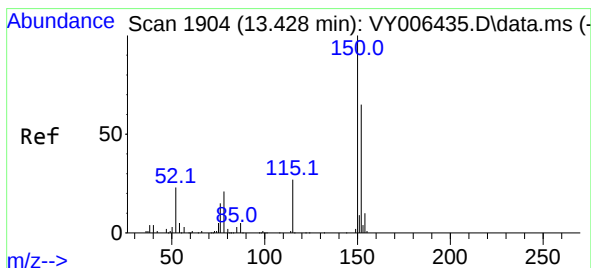
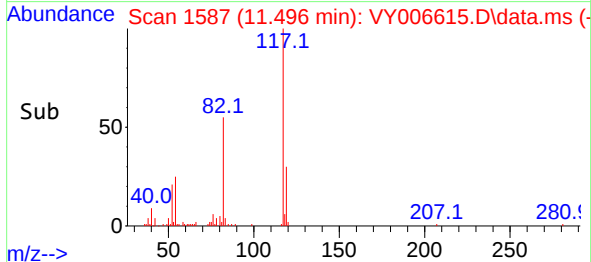
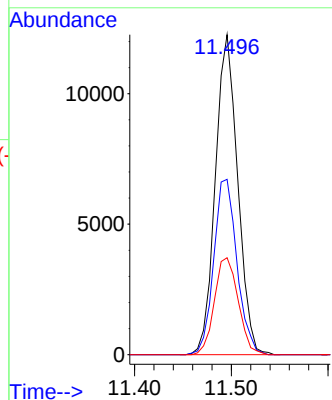
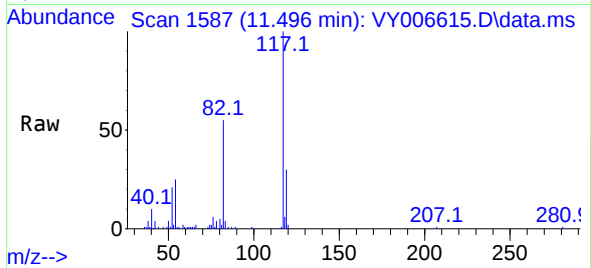




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

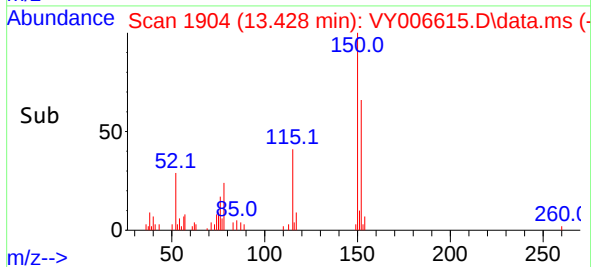
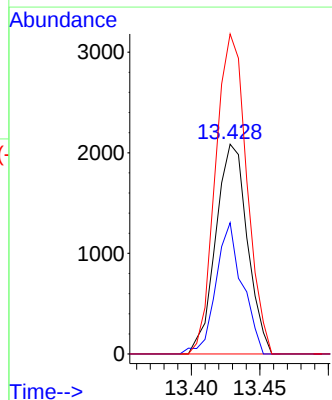
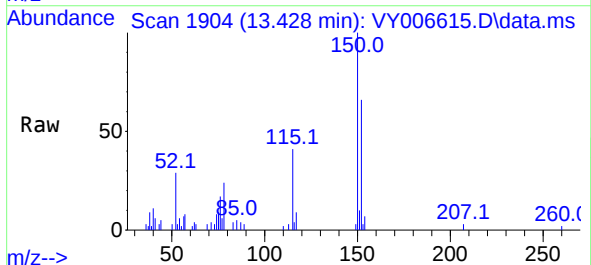
Instrument :
MSVOA_Y
ClientSampleId :
S15-SP

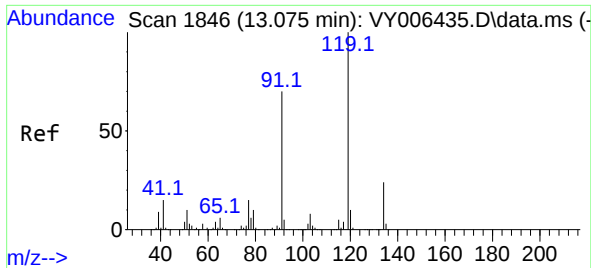
Tgt Ion:117	Resp:	19668
Ion	Ratio	Lower Upper
117	100	
82	54.8	45.7 68.5
119	30.3	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

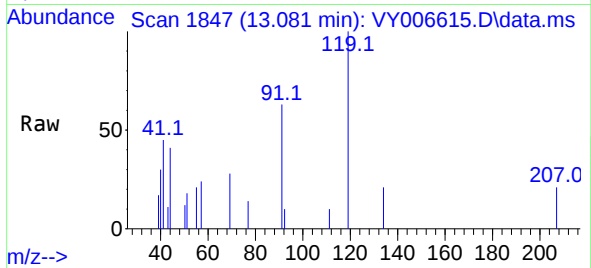
Tgt Ion:152	Resp:	3347
Ion	Ratio	Lower Upper
152	100	
115	52.5	28.5 85.5
150	150.8	0.0 348.2





#83
tert-Butylbenzene
Concen: 5.716 ug/l
RT: 13.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006615.D
Acq: 03 Nov 2021 20:39

Instrument :
MSVOA_Y
ClientSampleId :
S15-SP



Tgt Ion:	119	Resp:	963
Ion	Ratio	Lower	Upper
119	100		
91	62.3	34.8	104.5
134	24.7	13.0	38.9

