

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019572.D
 Acq On : 16 Sep 2024 17:26
 Operator : SY/MD
 Sample : P3930-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-B-33

Quant Time: Sep 17 02:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

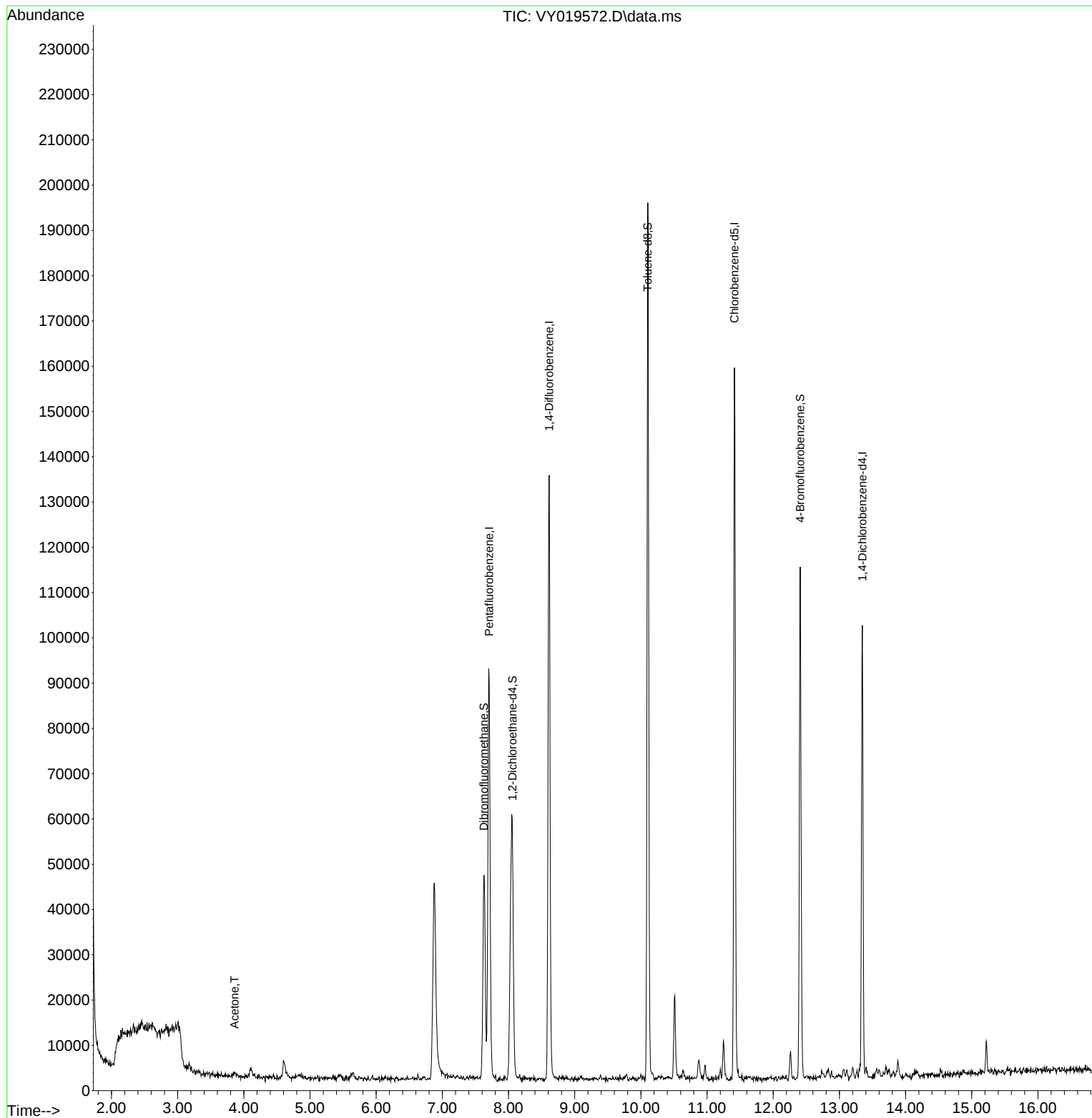
Internal Standards						
1) Pentafluorobenzene	7.707	168	68090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	113269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	84449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	24741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	31225	49.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.628	113	32683	50.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.103	98	125756	52.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.880%
62) 4-Bromofluorobenzene	12.408	95	33114	36.255	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.520%
Target Compounds						
16) Acetone	3.860	43	2414	16.071	ug/l	Qvalue # 65

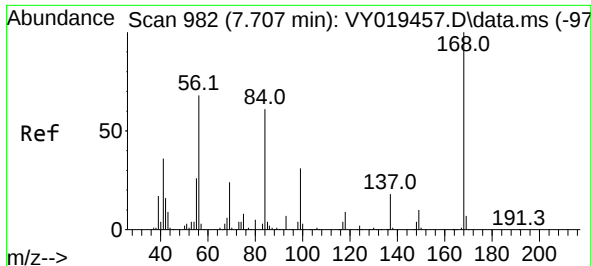
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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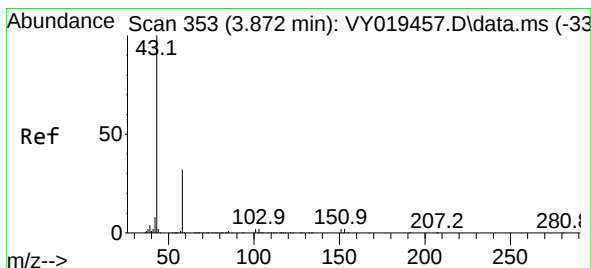
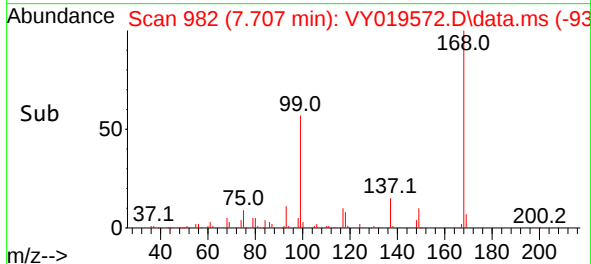
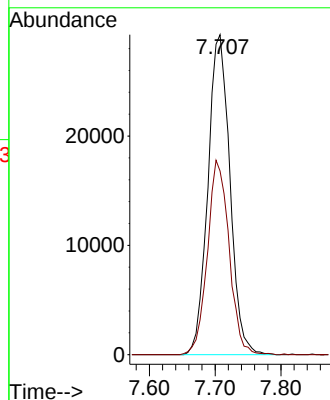
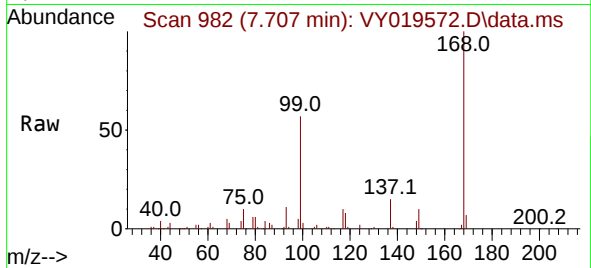




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019572.D
Acq: 16 Sep 2024 17:26

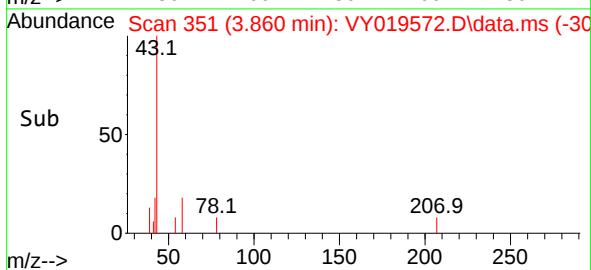
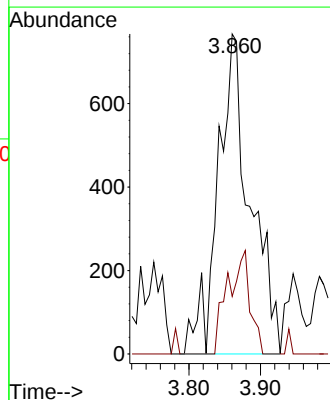
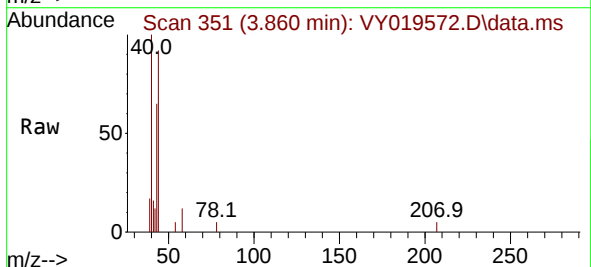
Instrument :
MSVOA_Y
ClientSampleId :
DN-B-33

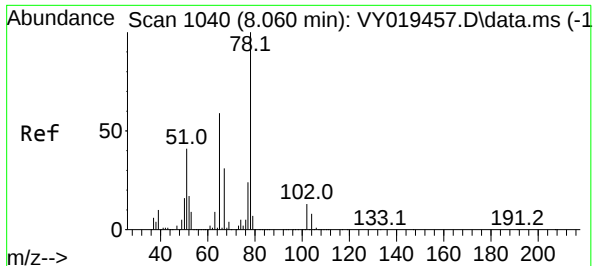
Tgt Ion:168 Resp: 68090
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#16
Acetone
Concen: 16.071 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019572.D
Acq: 16 Sep 2024 17:26

Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
58 18.0 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 49.524 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019572.D

Acq: 16 Sep 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

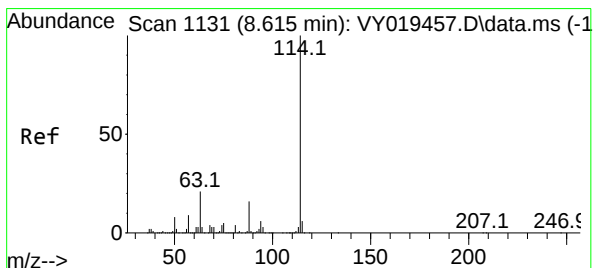
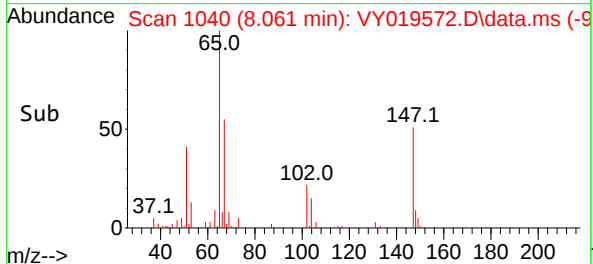
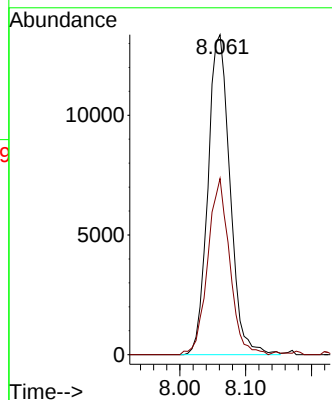
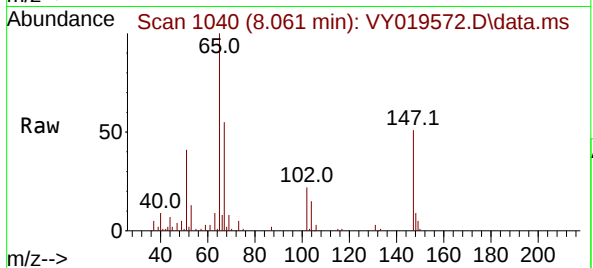
DN-B-33

Tgt Ion: 65 Resp: 31225

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019572.D

Acq: 16 Sep 2024 17:26

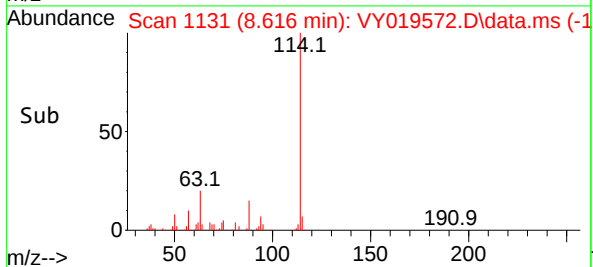
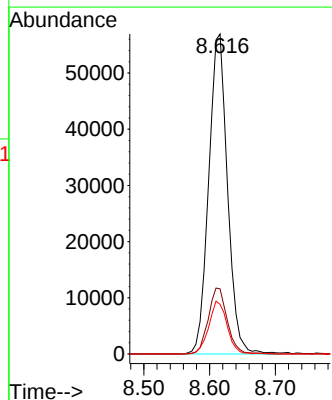
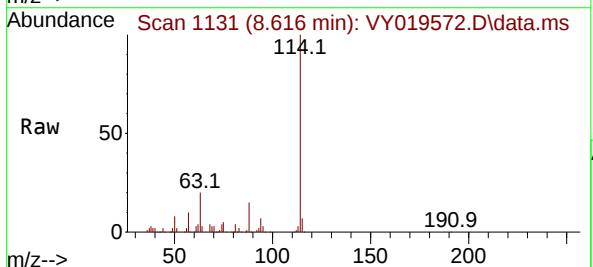
Tgt Ion: 114 Resp: 113269

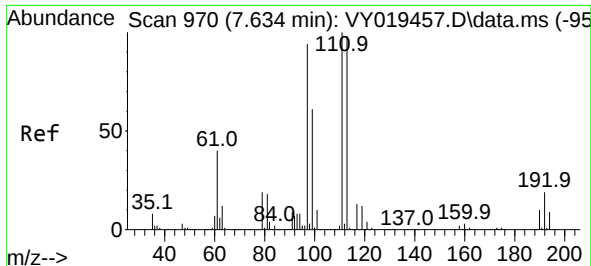
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.5 0.0 27.2

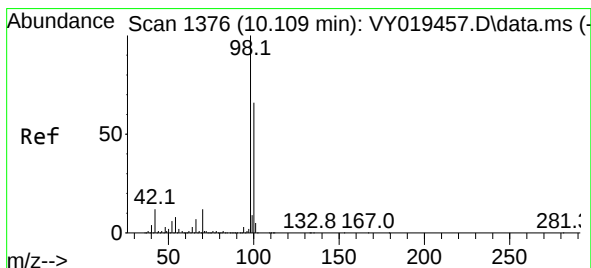
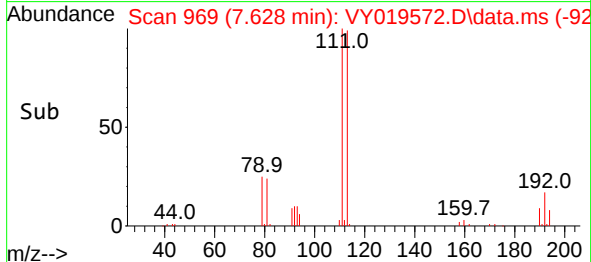
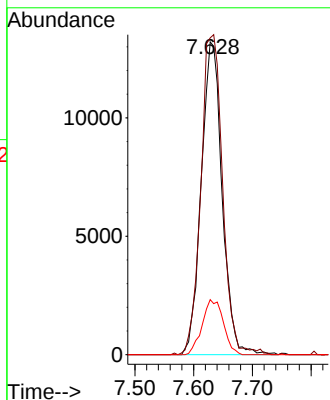
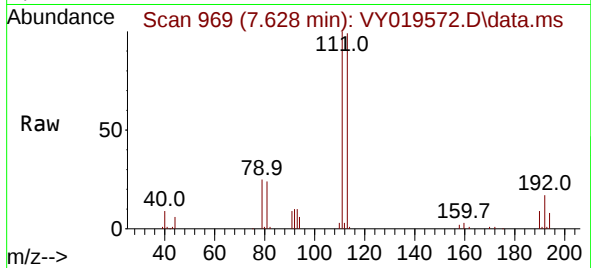




#35
 Dibromofluoromethane
 Concen: 50.891 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY019572.D
 Acq: 16 Sep 2024 17:26

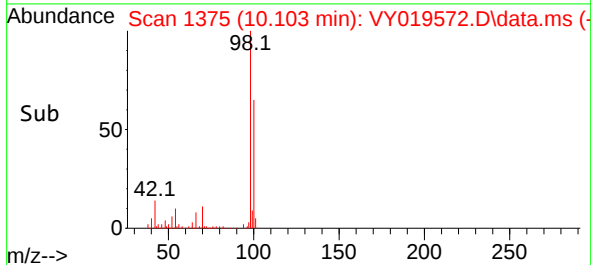
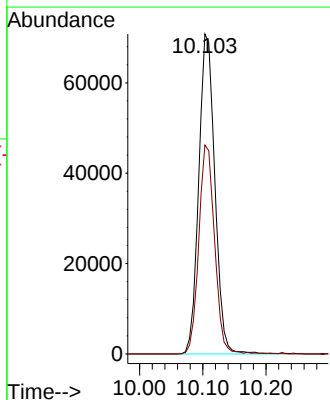
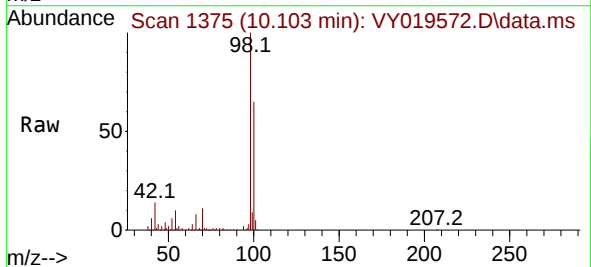
Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-B-33

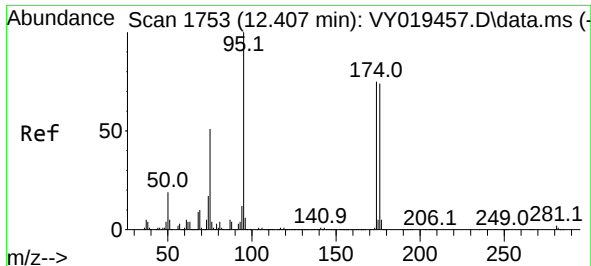
Tgt	Ion:113	Resp:	32683
Ion	Ratio	Lower	Upper
113	100		
111	106.2	82.2	123.4
192	17.8	15.9	23.9



#50
 Toluene-d8
 Concen: 52.941 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY019572.D
 Acq: 16 Sep 2024 17:26

Tgt Ion: 98	Resp: 125756
Ion Ratio	Lower Upper
98 100	
100 64.2	52.0 78.0

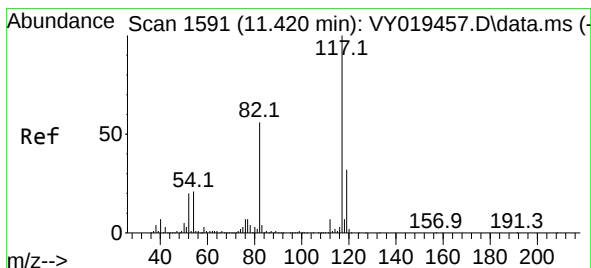
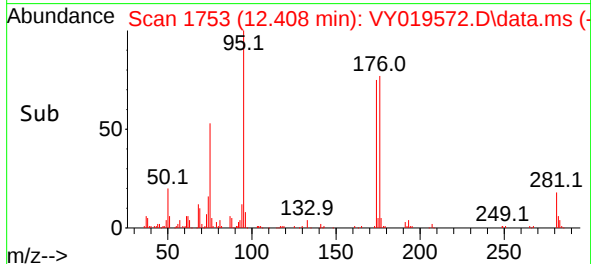
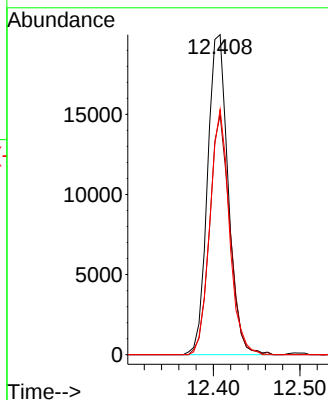
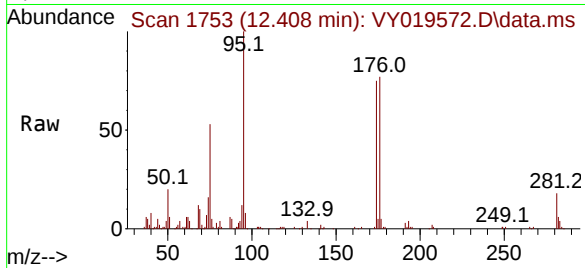




#62
4-Bromofluorobenzene
Concen: 36.255 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019572.D
Acq: 16 Sep 2024 17:26

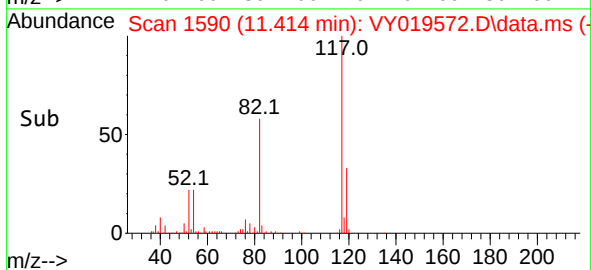
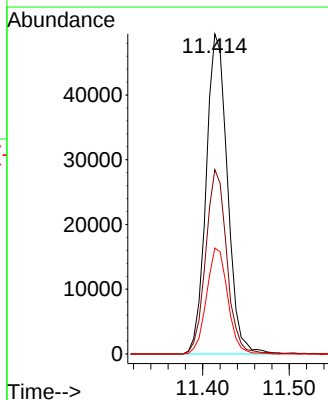
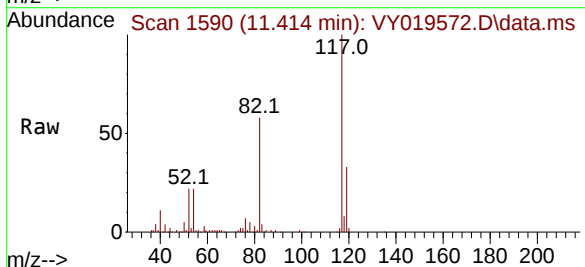
Instrument :
MSVOA_Y
ClientSampleId :
DN-B-33

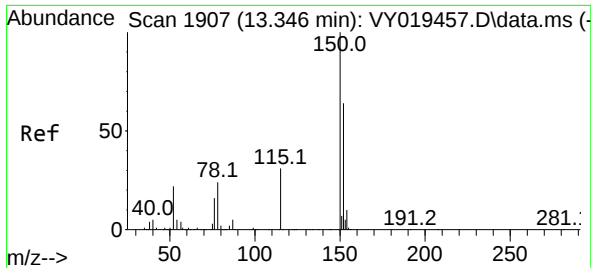
Tgt Ion: 95 Resp: 33114
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 72.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019572.D
Acq: 16 Sep 2024 17:26

Tgt Ion: 117 Resp: 84449
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 33.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019572.D
 Acq: 16 Sep 2024 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-B-33

Tgt Ion:152 Resp: 24741
 Ion Ratio Lower Upper
 152 100
 115 62.7 28.2 84.7
 150 156.3 0.0 345.6

