

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019435.D
 Acq On : 03 Sep 2024 17:34
 Operator : SY/MD
 Sample : P3814-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DNB-43

Quant Time: Sep 04 01:37:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

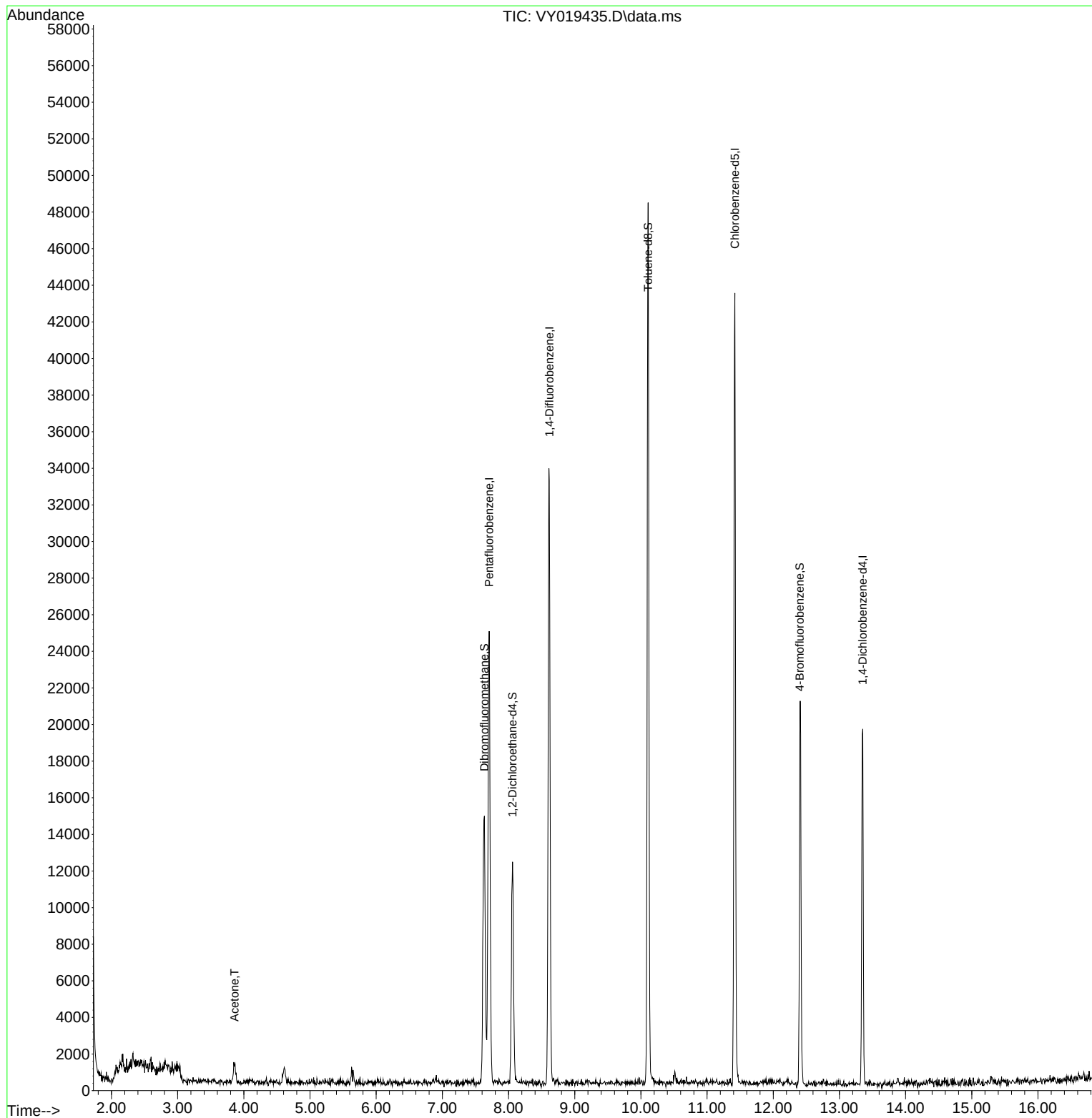
Internal Standards						
1) Pentafluorobenzene	7.707	168	19175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	29782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	24243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	5616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	9868	54.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.660%
35) Dibromofluoromethane	7.634	113	10265	54.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.040%
50) Toluene-d8	10.109	98	32233	46.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.401	95	7014	31.286	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	62.580%
Target Compounds						
16) Acetone	3.860	43	1883	52.711	ug/l	Qvalue # 74

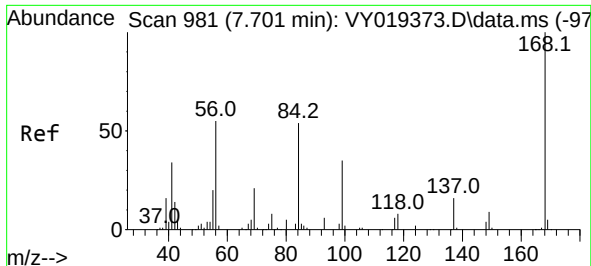
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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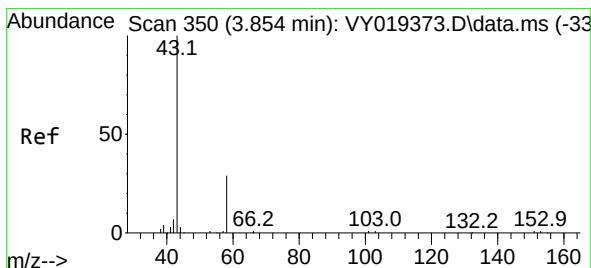
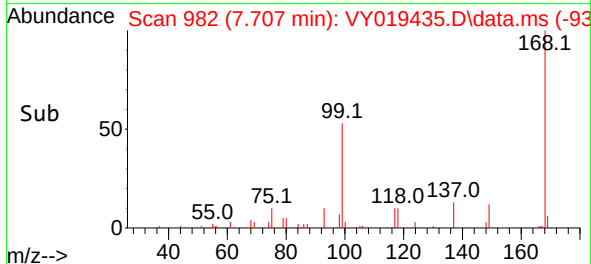
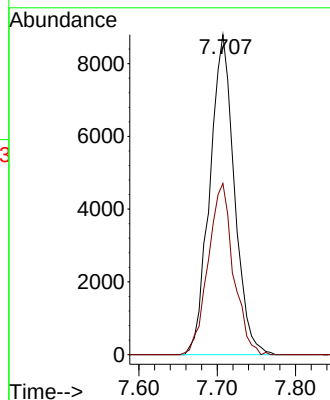
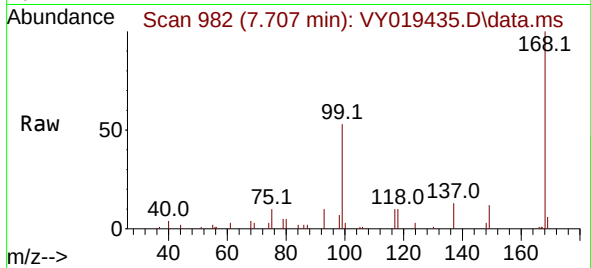




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

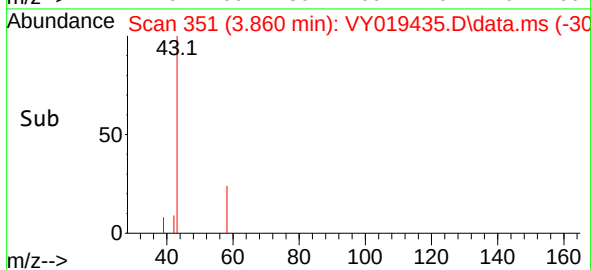
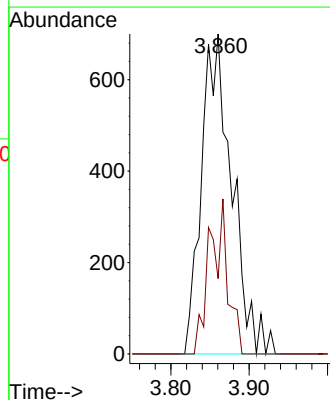
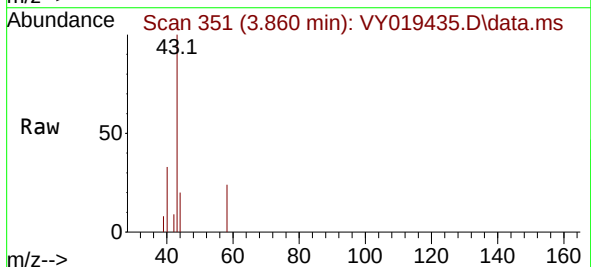
Instrument :
MSVOA_Y
ClientSampleId :
DNB-43

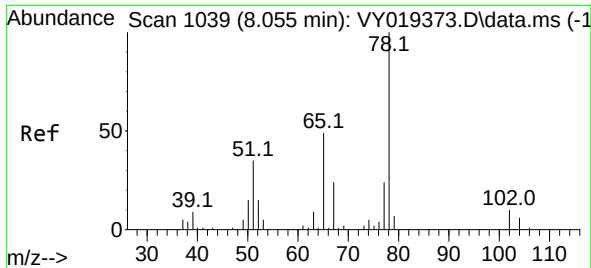
Tgt Ion:168 Resp: 19175
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 52.711 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 23.6 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

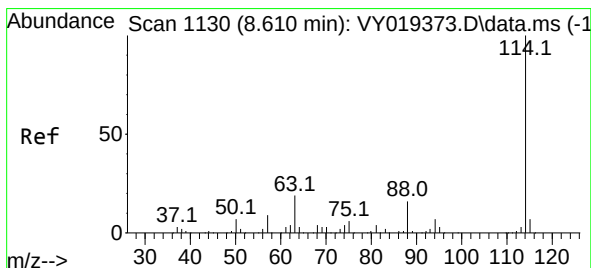
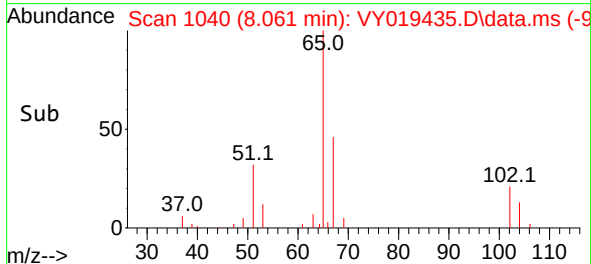
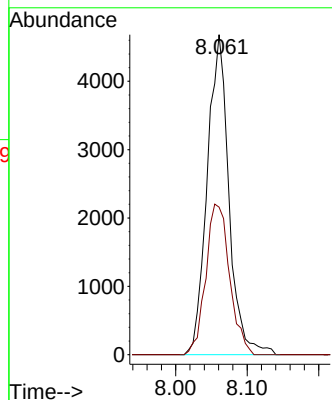
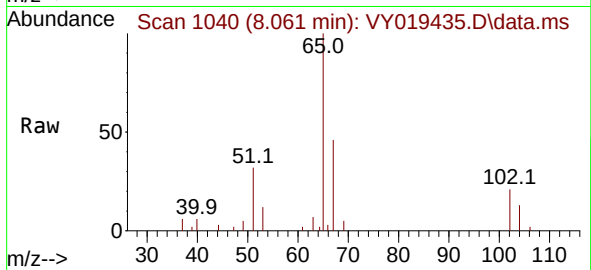
DNB-43

Tgt Ion: 65 Resp: 9868

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

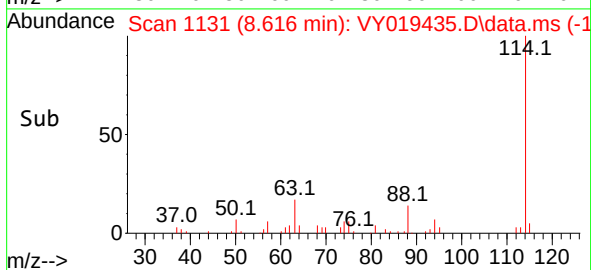
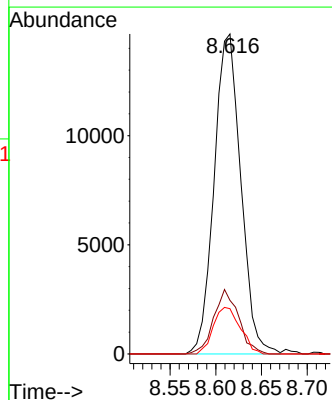
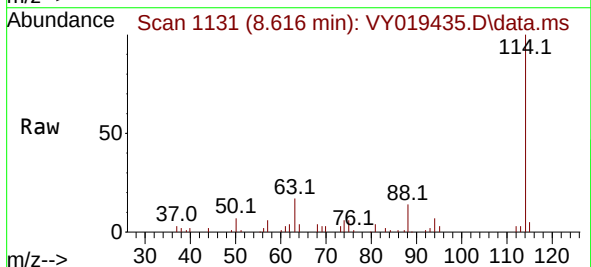
Tgt Ion: 114 Resp: 29782

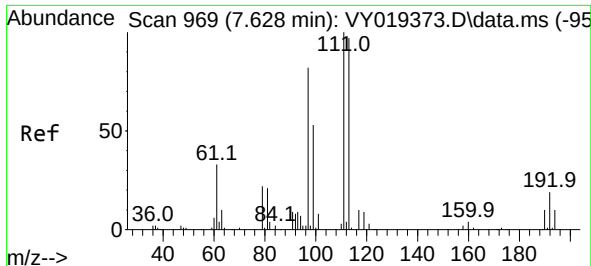
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.1 0.0 27.2

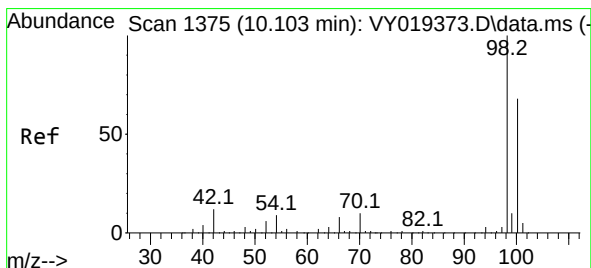
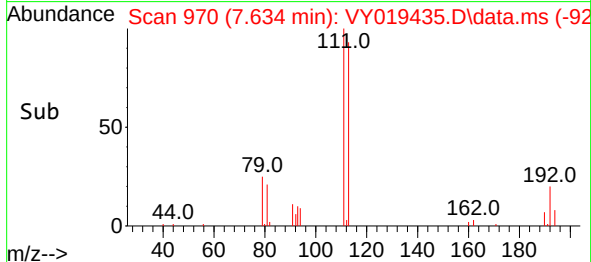
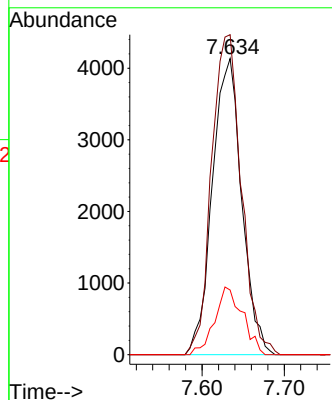
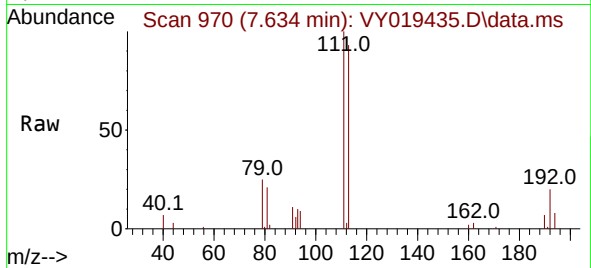




#35
Dibromofluoromethane
Concen: 54.516 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

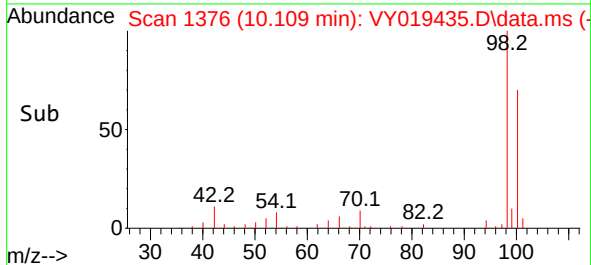
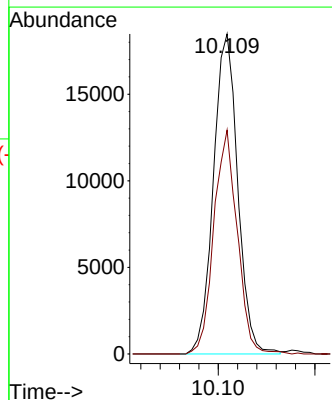
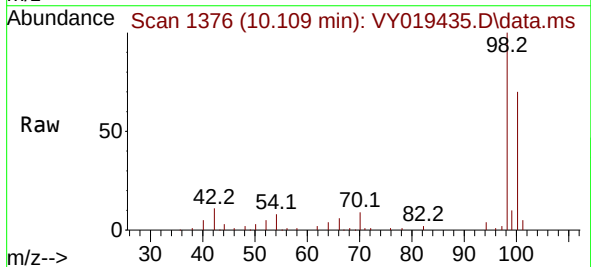
Instrument :
MSVOA_Y
ClientSampleId :
DNB-43

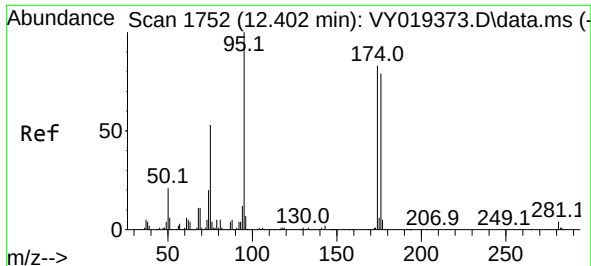
Tgt Ion:113	Resp:	10265
Ion	Ratio	Lower Upper
113	100	
111	109.0	82.2 123.4
192	21.8	15.9 23.9



#50
Toluene-d8
Concen: 46.503 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Tgt Ion: 98	Resp:	32233
Ion	Ratio	Lower Upper
98	100	
100	67.6	52.0 78.0





#62

4-Bromofluorobenzene

Concen: 31.286 ug/l

RT: 12.401 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

DNB-43

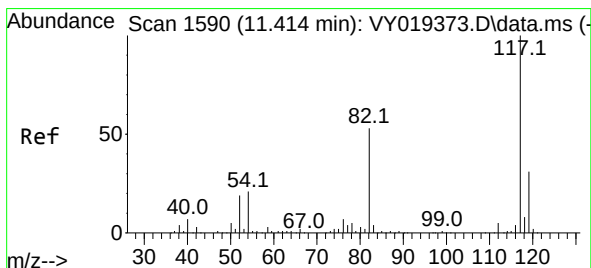
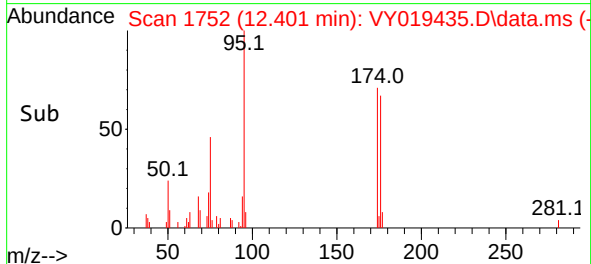
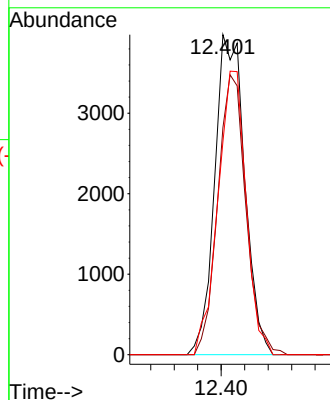
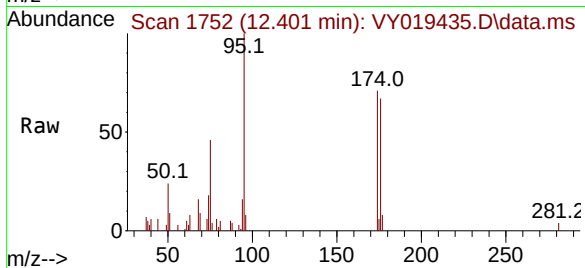
Tgt Ion: 95 Resp: 7014

Ion Ratio Lower Upper

95 100

174 82.3 0.0 175.6

176 83.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY019435.D

Acq: 03 Sep 2024 17:34

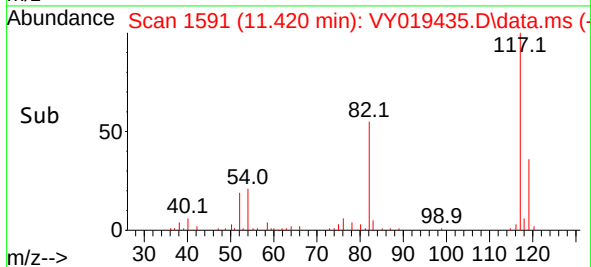
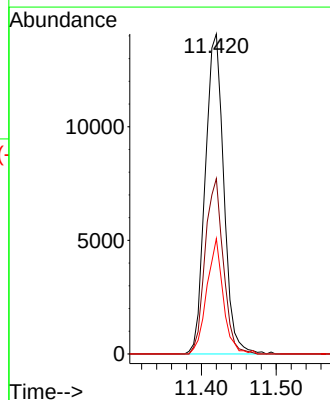
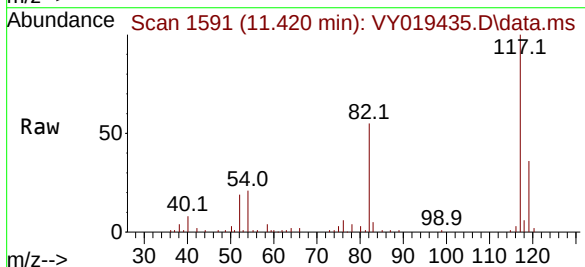
Tgt Ion: 117 Resp: 24243

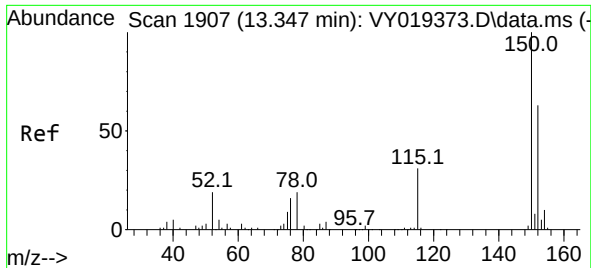
Ion Ratio Lower Upper

117 100

82 54.8 42.4 63.6

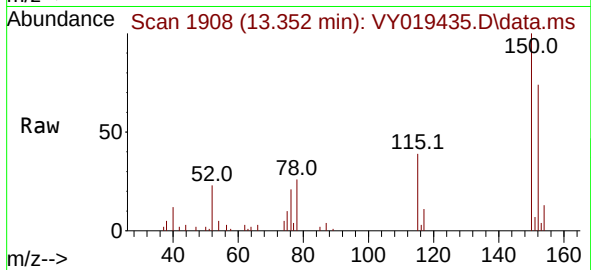
119 36.1 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019435.D
Acq: 03 Sep 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :
DNB-43



Tgt Ion:	152	Resp:	5616
Ion	Ratio	Lower	Upper
152	100		
115	51.8	28.2	84.7
150	143.7	0.0	345.6

