

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019711.D
 Acq On : 26 Sep 2024 14:17
 Operator : SY/MD
 Sample : P4197-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-092524

Quant Time: Sep 27 02:02:10 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	71174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	113759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	81128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	29941	45.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.628	113	32645	50.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.109	98	126560	53.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.407	95	31667	34.522	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	69.040%

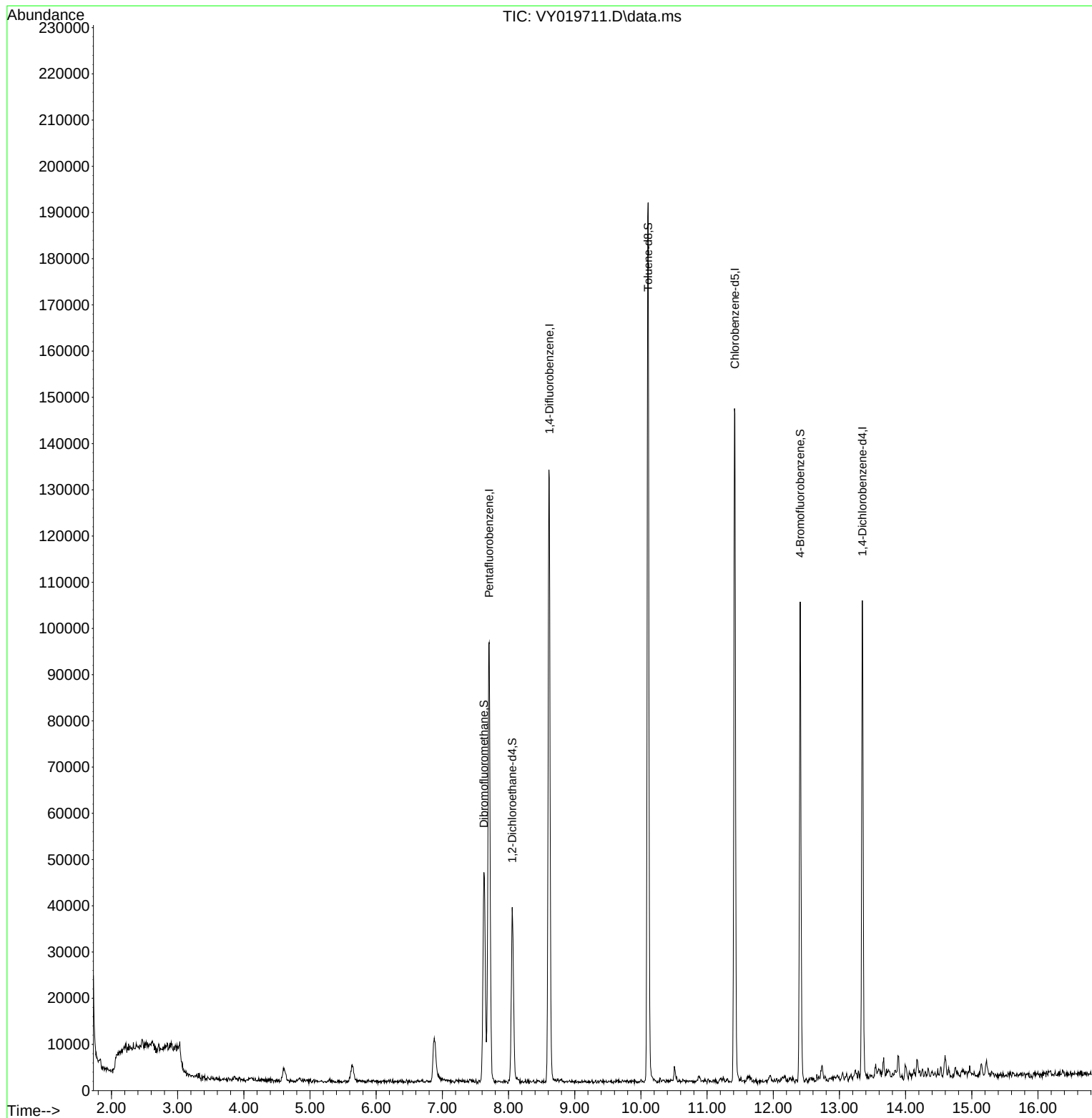
Target Compounds	Qvalue

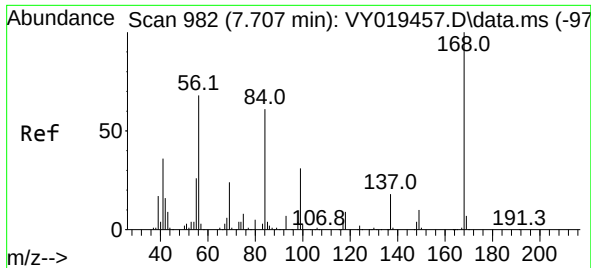
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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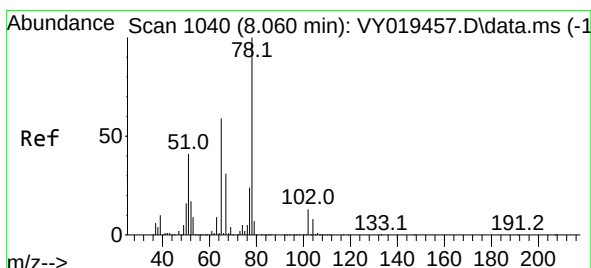
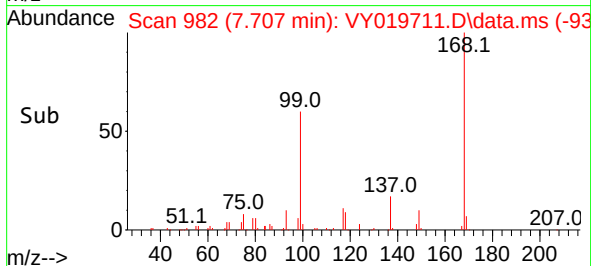
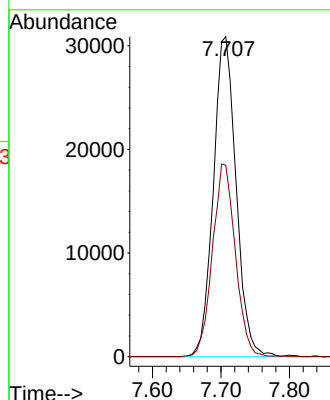
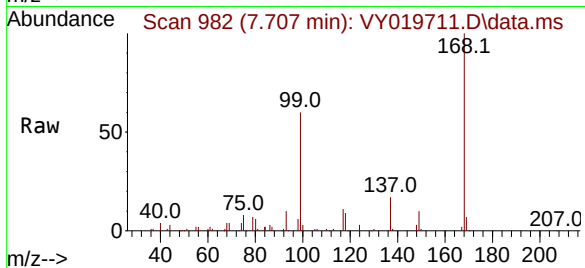




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019711.D
Acq: 26 Sep 2024 14:17

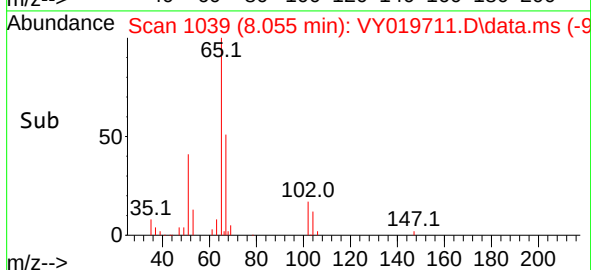
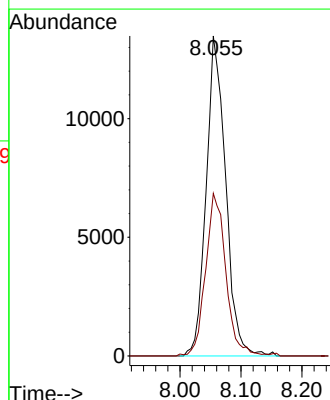
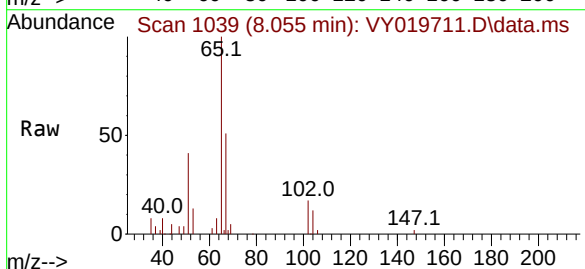
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-092524

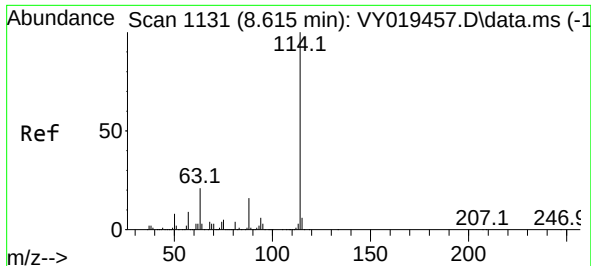
Tgt Ion:168 Resp: 71174
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 45.430 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019711.D
Acq: 26 Sep 2024 14:17

Tgt Ion: 65 Resp: 29941
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019711.D

Acq: 26 Sep 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-092524

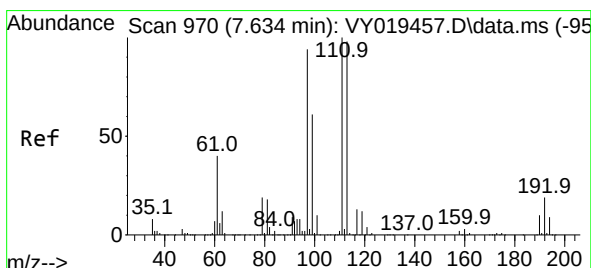
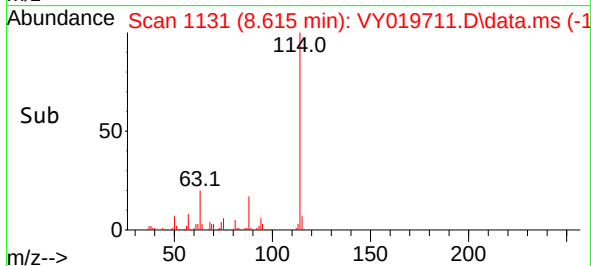
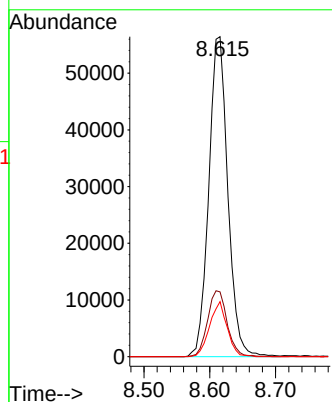
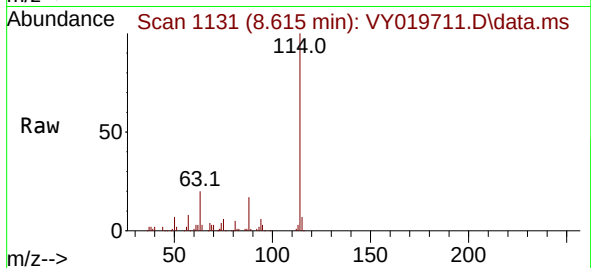
Tgt Ion:114 Resp: 113759

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

88 17.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.613 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019711.D

Acq: 26 Sep 2024 14:17

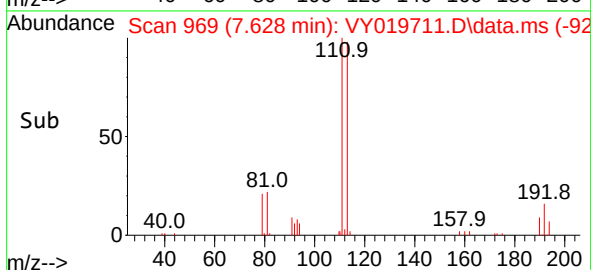
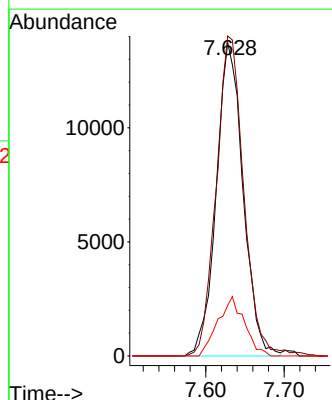
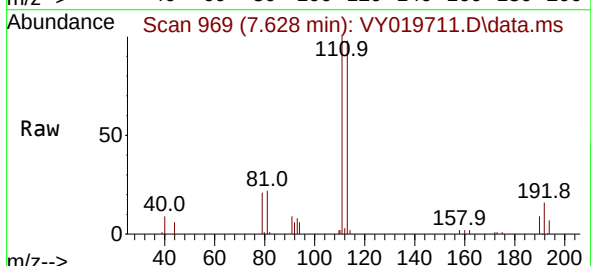
Tgt Ion:113 Resp: 32645

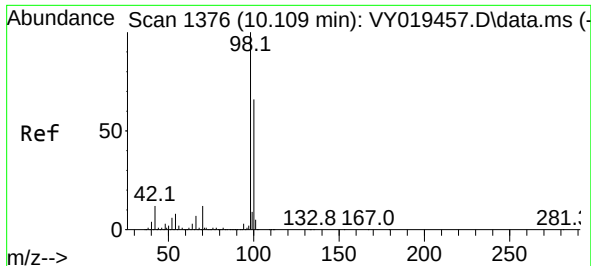
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 18.8 15.9 23.9

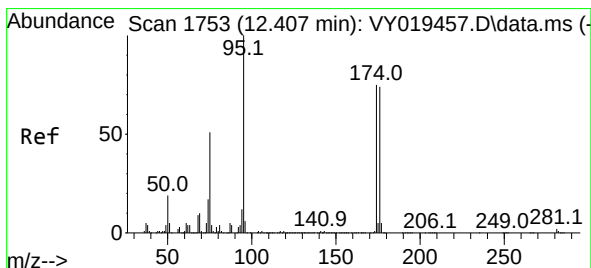
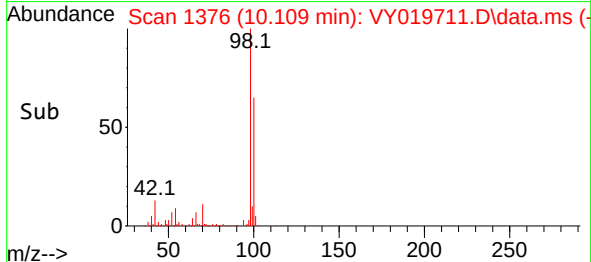
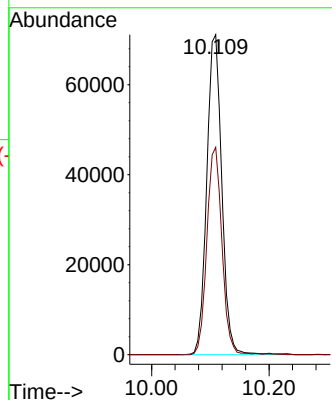
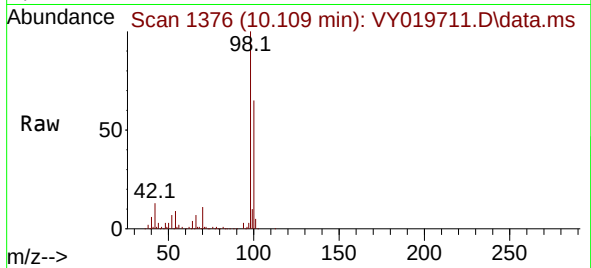




#50
Toluene-d8
Concen: 53.050 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019711.D
Acq: 26 Sep 2024 14:17

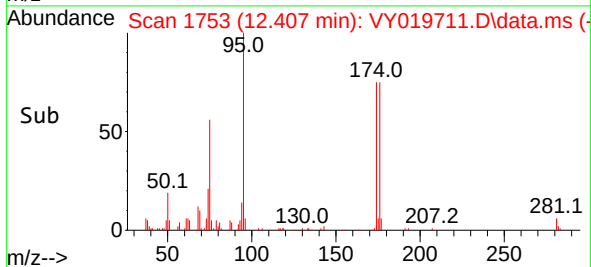
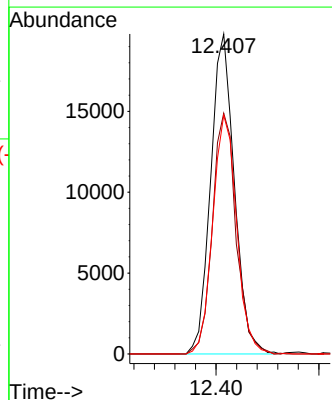
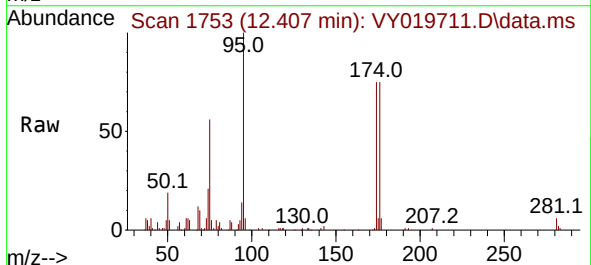
Instrument :
MSVOA_Y
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EO-01-092524

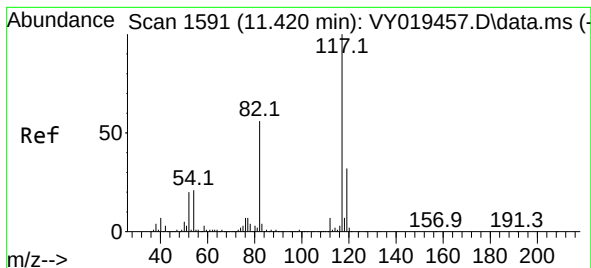
Tgt Ion: 98 Resp: 126560
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.522 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019711.D
Acq: 26 Sep 2024 14:17

Tgt Ion: 95 Resp: 31667
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 75.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019711.D

Acq: 26 Sep 2024 14:17

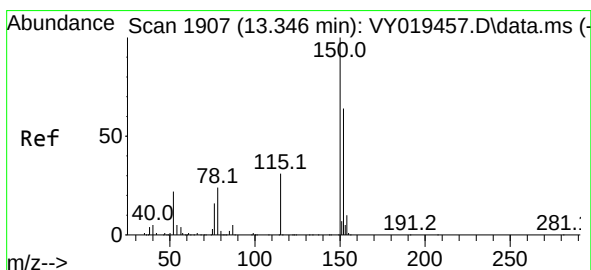
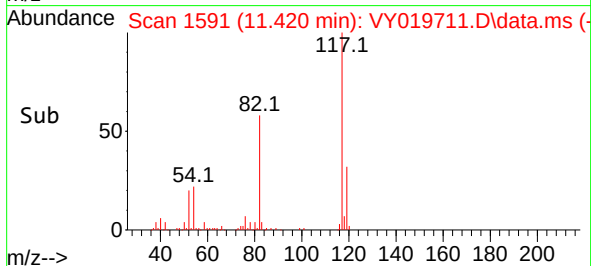
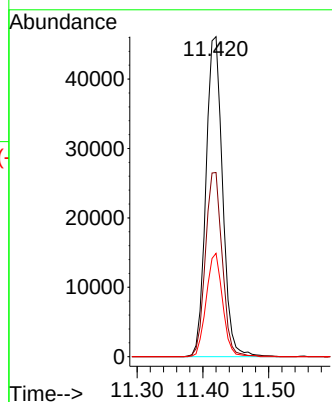
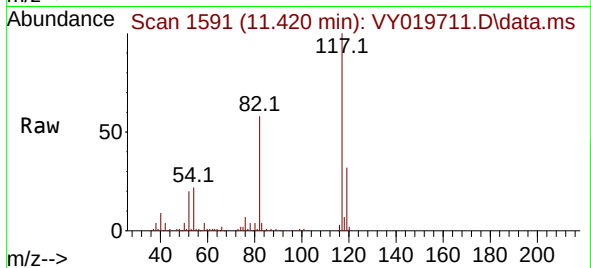
Instrument :

MSVOA_Y

ClientSampleId :

EO-01-092524

Tgt Ion:117	Resp:	81128
Ion Ratio	Lower	Upper
117	100	
82	57.6	42.4 63.6
119	32.3	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019711.D

Acq: 26 Sep 2024 14:17

Tgt Ion:152	Resp:	24506
Ion Ratio	Lower	Upper
152	100	
115	61.1	28.2 84.7
150	155.6	0.0 345.6

