

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019429.D
 Acq On : 03 Sep 2024 15:14
 Operator : SY/MD
 Sample : P3788-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-082924

Quant Time: Sep 03 15:30:56 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	111142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	192344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	63609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53766	51.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.140%
35) Dibromofluoromethane	7.634	113	60343	49.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.109	98	206280	46.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.408	95	54468	37.619	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.240%

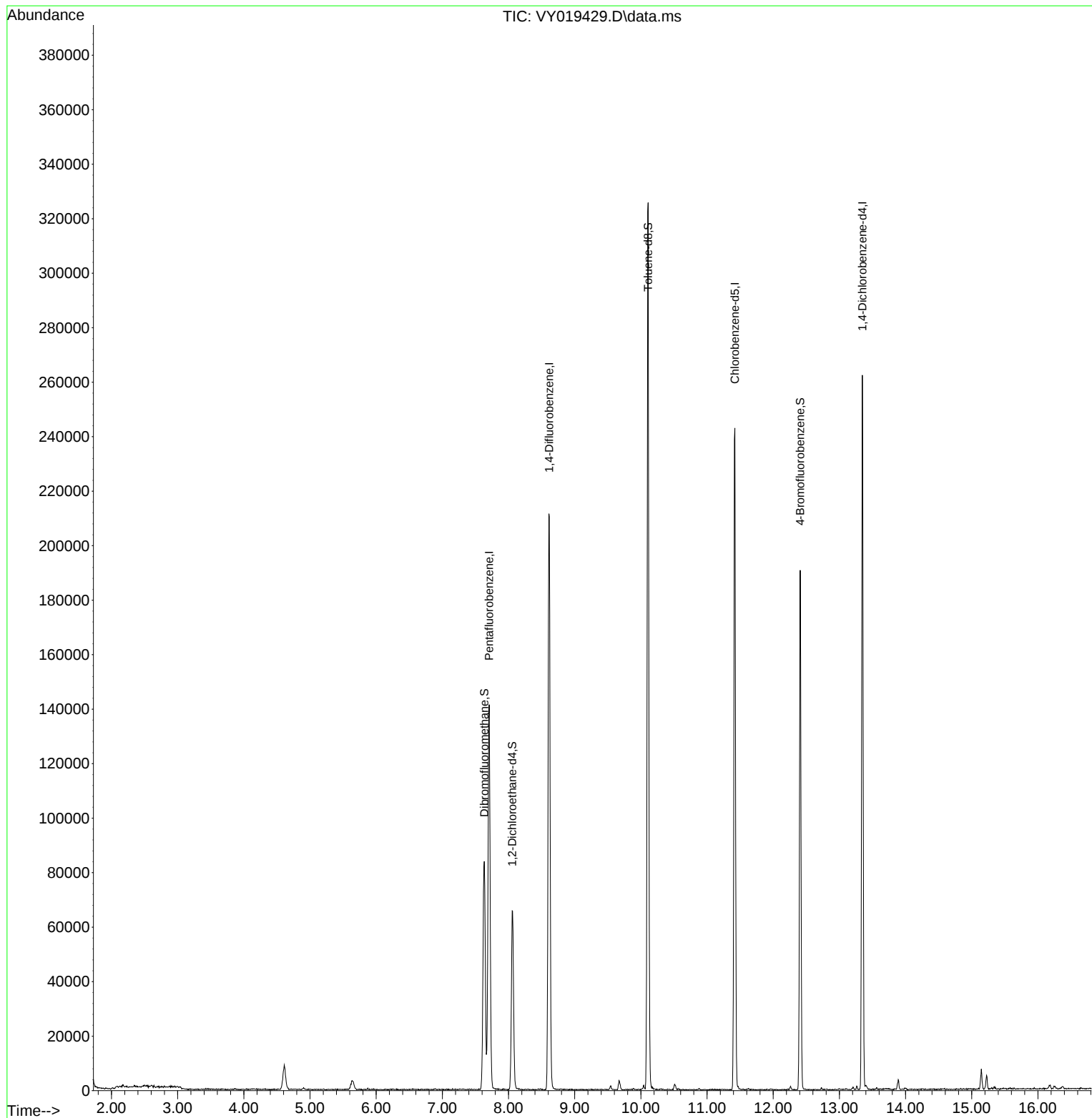
Target Compounds	Qvalue

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

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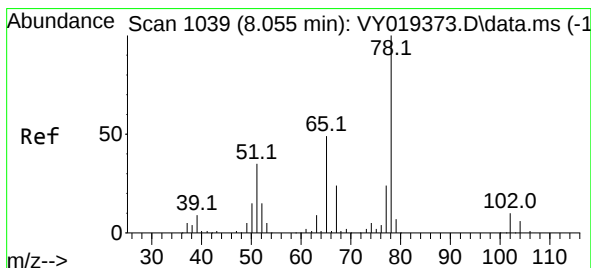
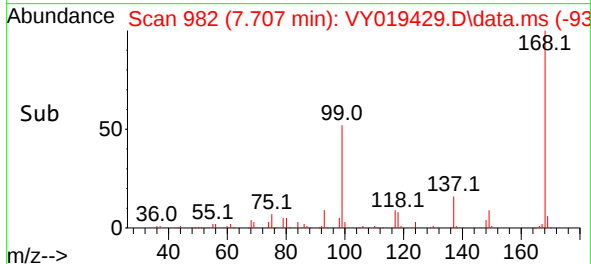
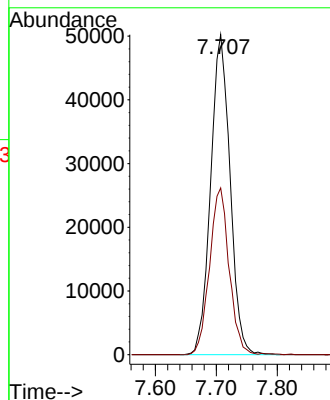
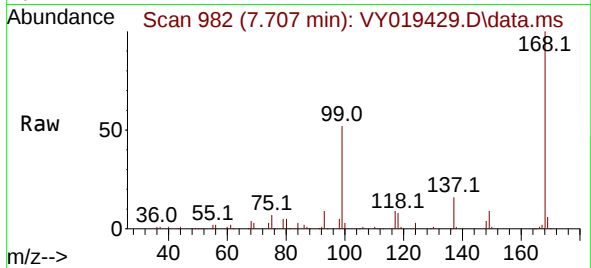




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019429.D
Acq: 03 Sep 2024 15:14

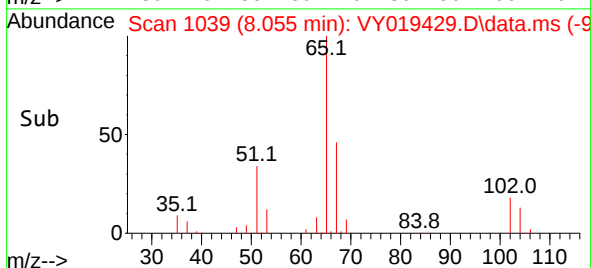
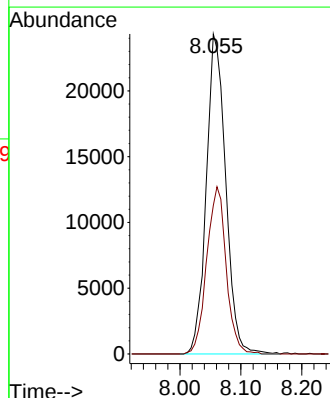
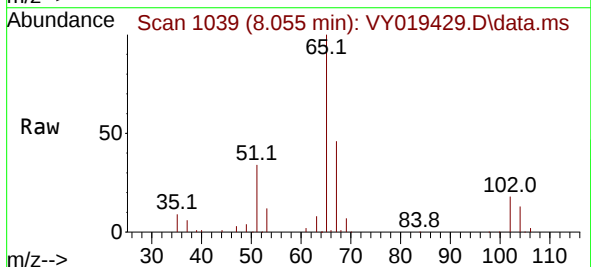
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-082924

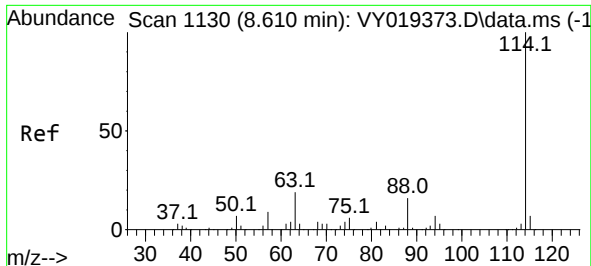
Tgt Ion:168 Resp: 111142
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.074 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019429.D
Acq: 03 Sep 2024 15:14

Tgt Ion: 65 Resp: 53766
Ion Ratio Lower Upper
65 100
67 52.5 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: VY019429.D

Acq: 03 Sep 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-082924

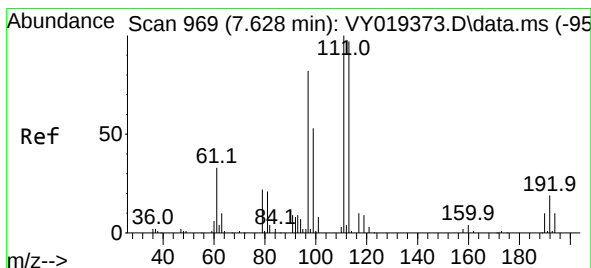
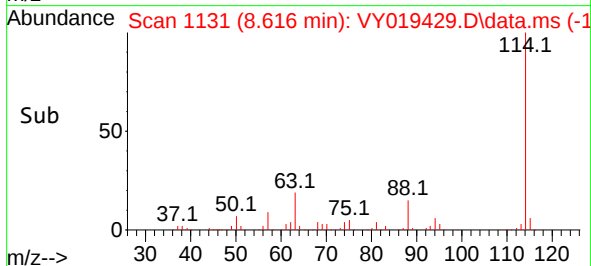
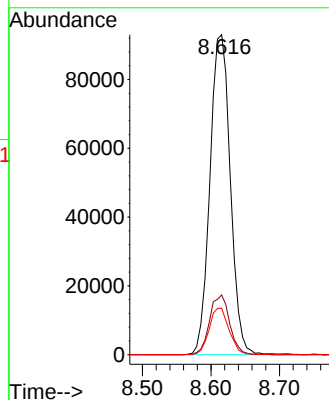
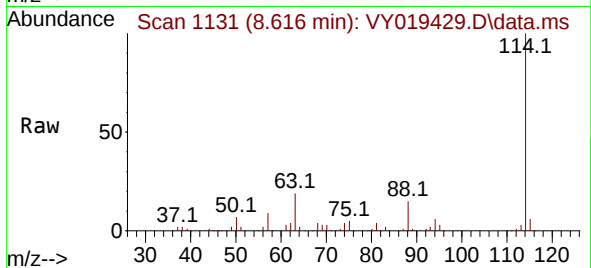
Tgt Ion:114 Resp: 192344

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.621 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019429.D

Acq: 03 Sep 2024 15:14

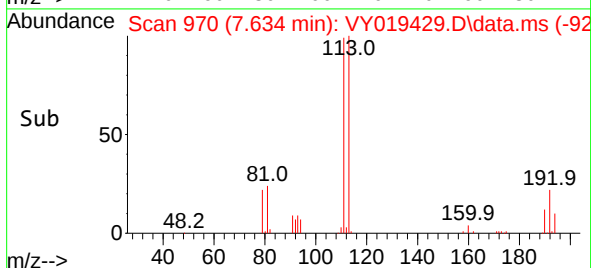
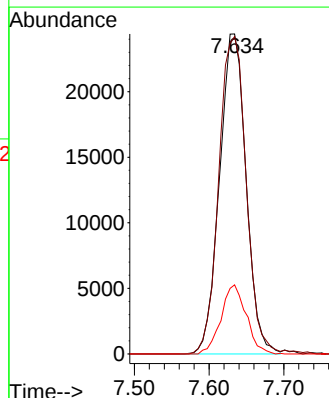
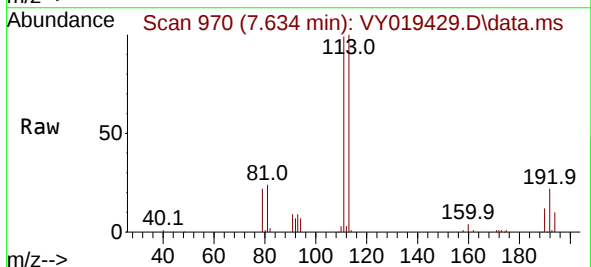
Tgt Ion:113 Resp: 60343

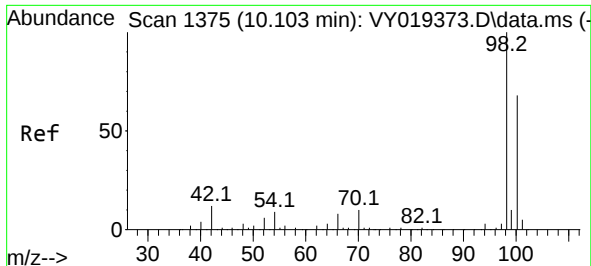
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.5 15.9 23.9

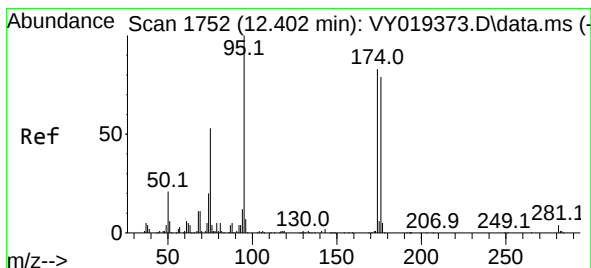
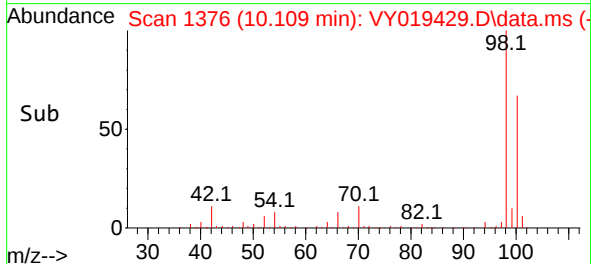
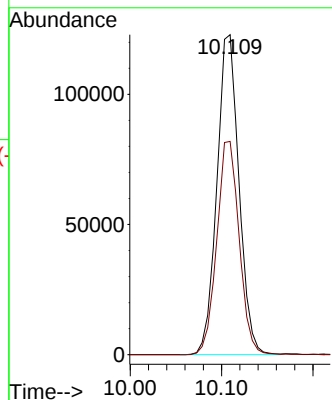
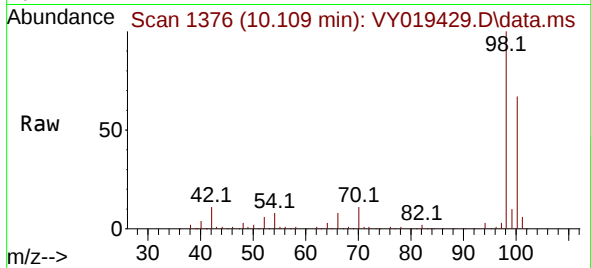




#50
Toluene-d8
Concen: 46.080 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019429.D
Acq: 03 Sep 2024 15:14

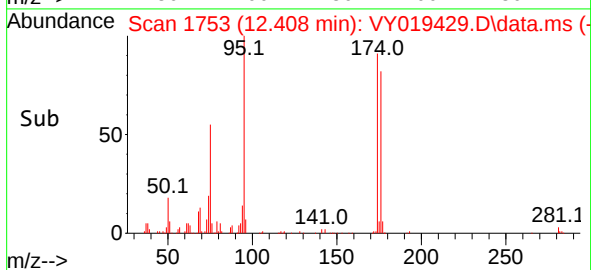
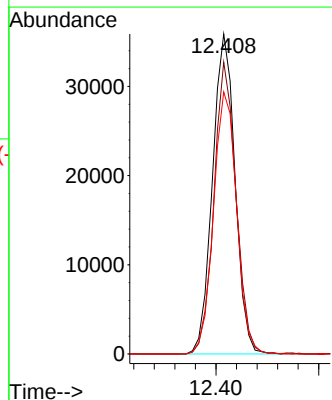
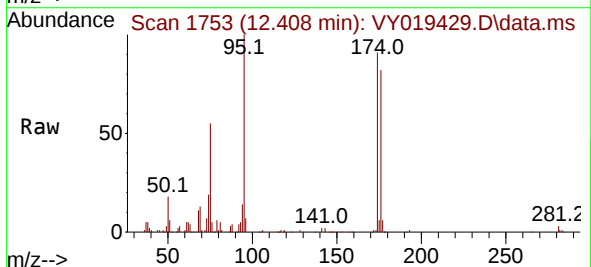
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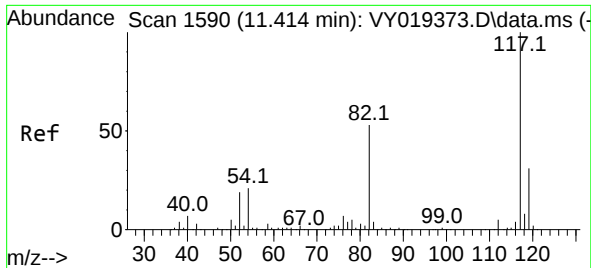
Tgt Ion: 98 Resp: 206280
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.619 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019429.D
Acq: 03 Sep 2024 15:14

Tgt Ion: 95 Resp: 54468
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.6
176 84.3 0.0 171.4

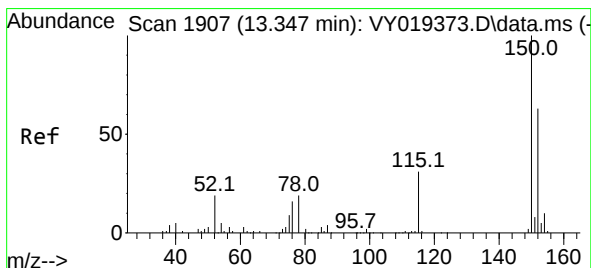
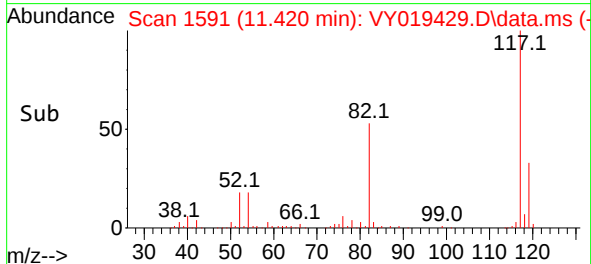
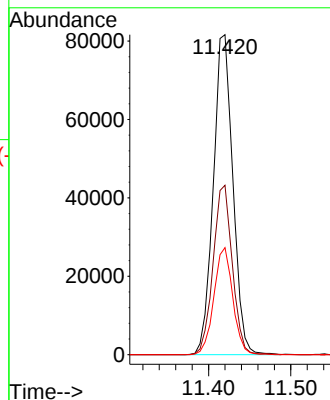
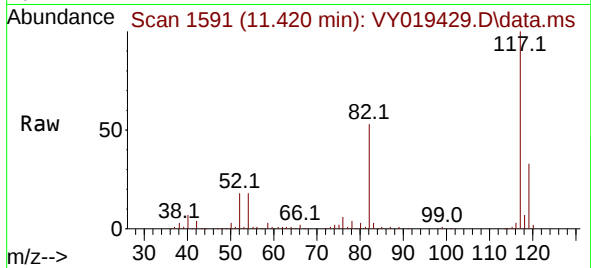




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019429.D
Acq: 03 Sep 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-082924

Tgt Ion:117 Resp: 135060
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 33.5 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: VY019429.D
Acq: 03 Sep 2024 15:14

Tgt Ion:152 Resp: 63609
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 158.8 0.0 345.6

