

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019915.D
 Acq On : 16 Oct 2024 15:07
 Operator : SY/MD
 Sample : P4406-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-101524

Quant Time: Oct 17 03:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	61948	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	121715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	101279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	32475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	45939	60.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.460%
35) Dibromofluoromethane	7.634	113	42817	53.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.620%
50) Toluene-d8	10.109	98	143915	48.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.408	95	39499	36.856	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.720%

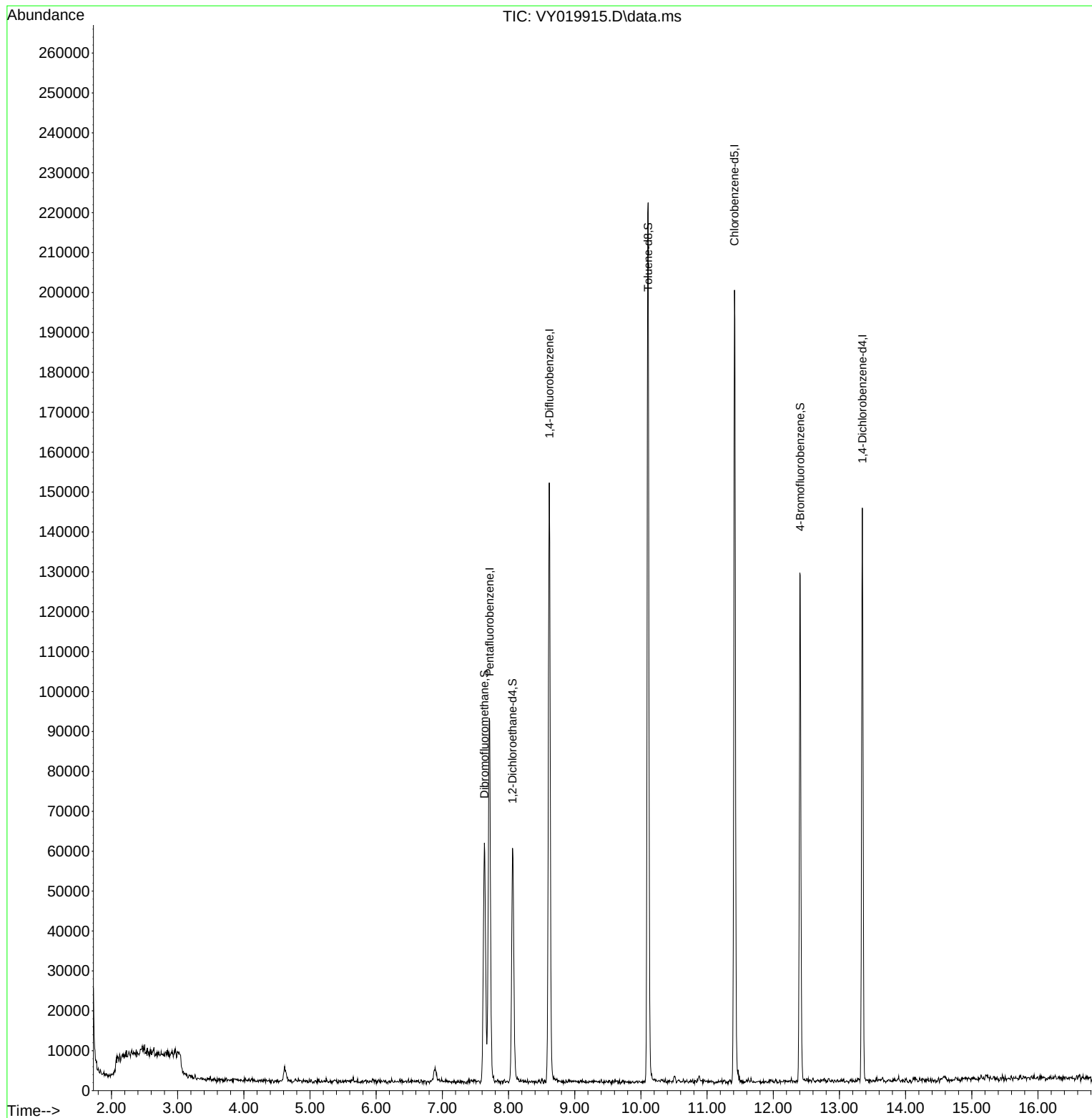
Target Compounds	Qvalue

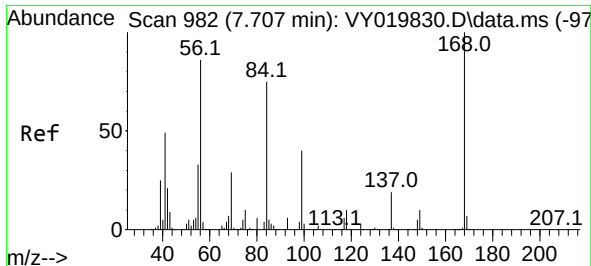
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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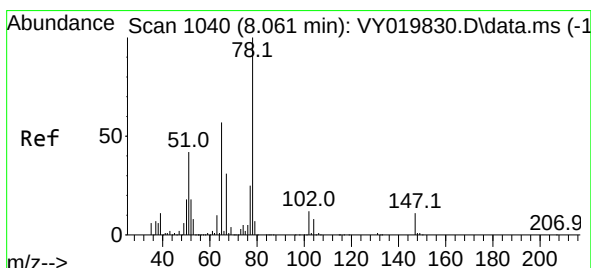
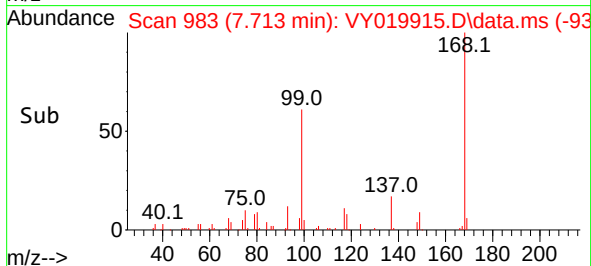
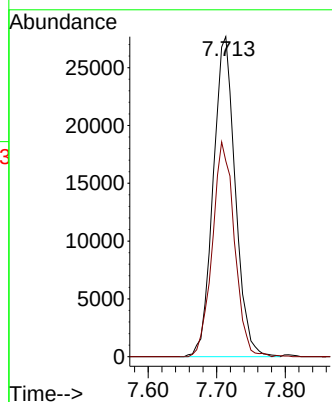
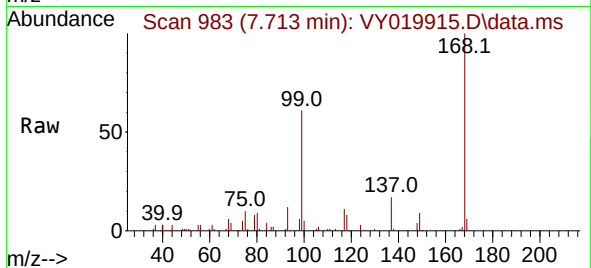




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019915.D
Acq: 16 Oct 2024 15:07

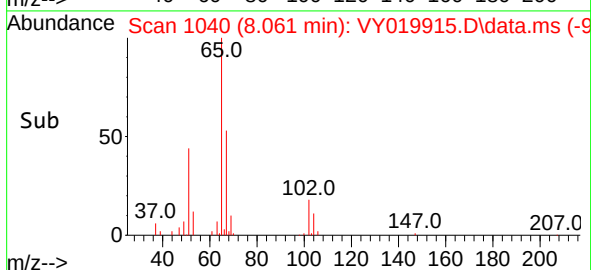
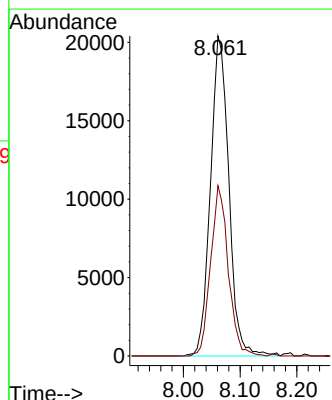
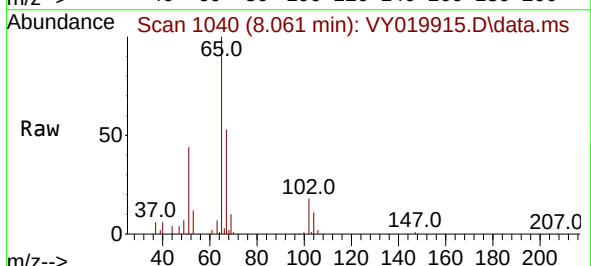
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-101524

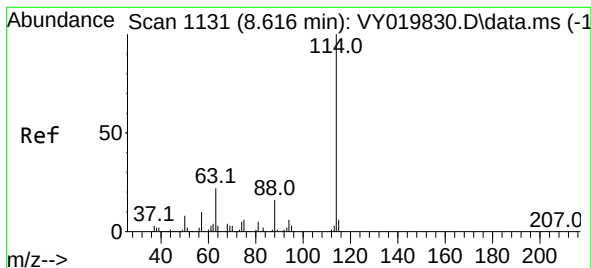
Tgt Ion:168 Resp: 61948
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.227 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019915.D
Acq: 16 Oct 2024 15:07

Tgt Ion: 65 Resp: 45939
Ion Ratio Lower Upper
65 100
67 51.1 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: VY019915.D

Acq: 16 Oct 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-101524

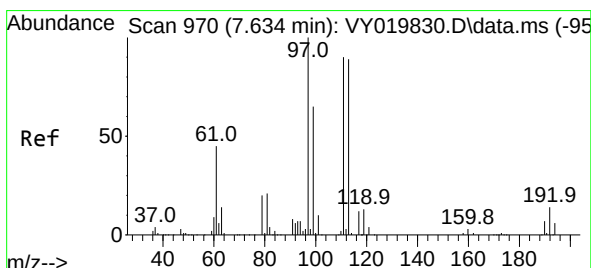
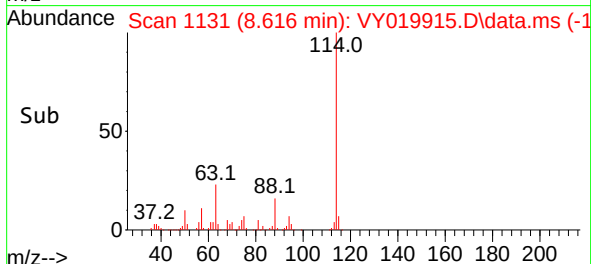
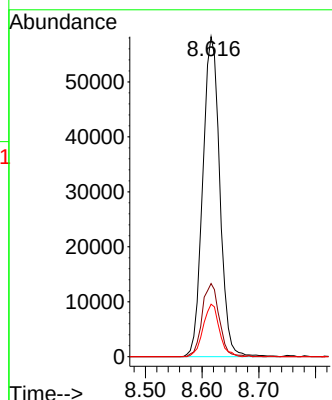
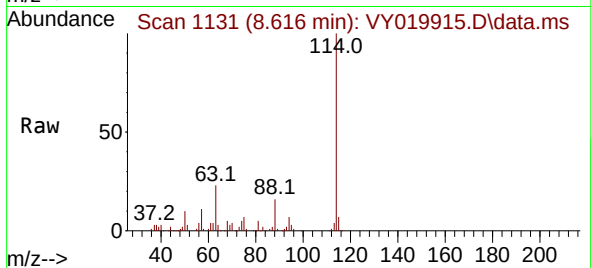
Tgt Ion:114 Resp: 121715

Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.309 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019915.D

Acq: 16 Oct 2024 15:07

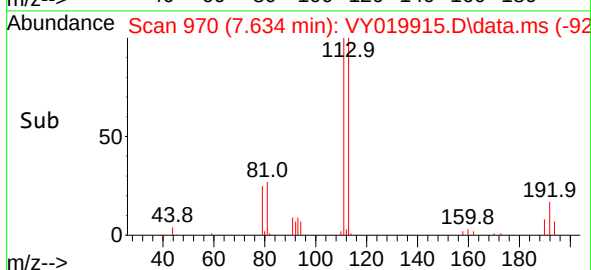
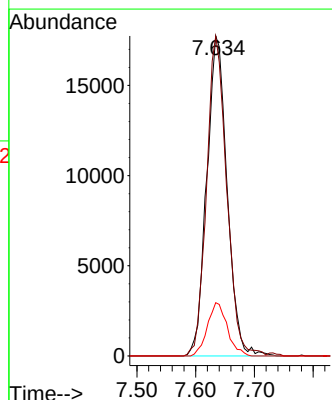
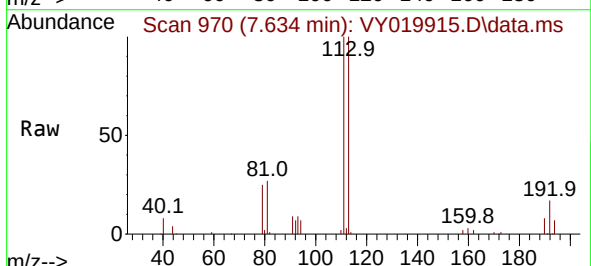
Tgt Ion:113 Resp: 42817

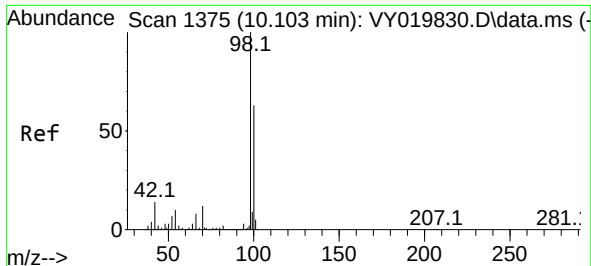
Ion Ratio Lower Upper

113 100

111 98.5 82.2 123.4

192 16.3 15.9 23.9

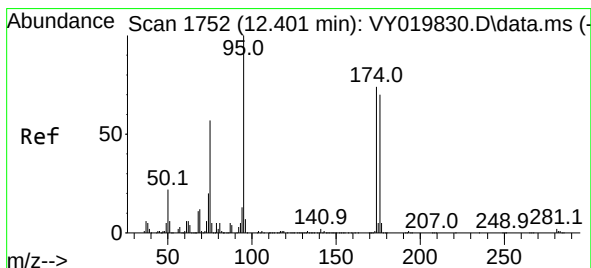
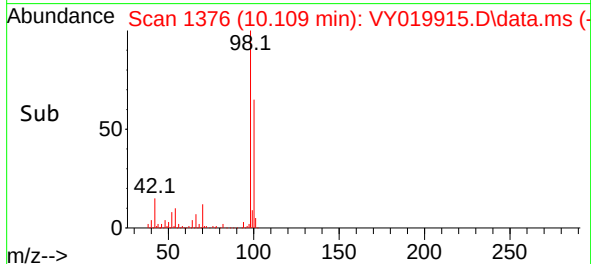
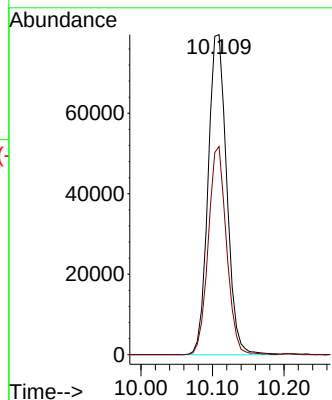
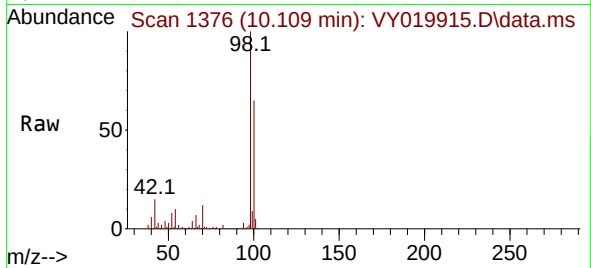




#50
Toluene-d8
Concen: 48.521 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019915.D
Acq: 16 Oct 2024 15:07

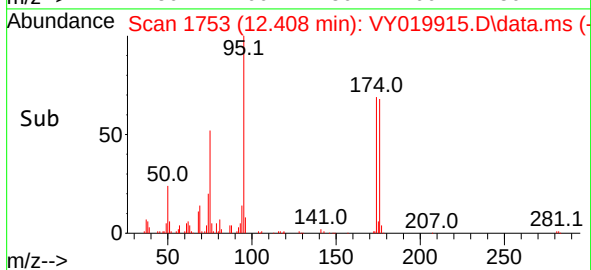
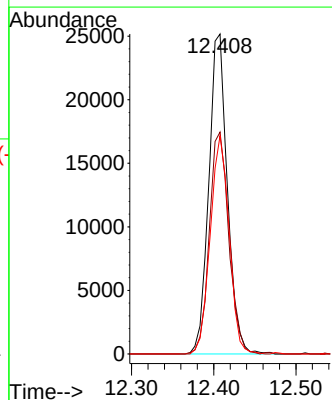
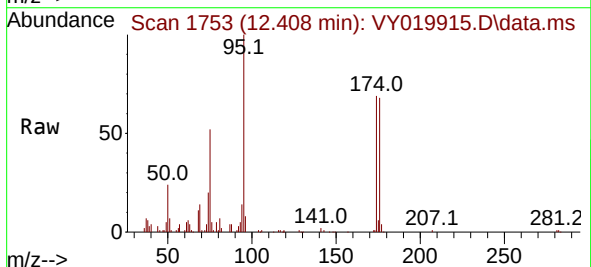
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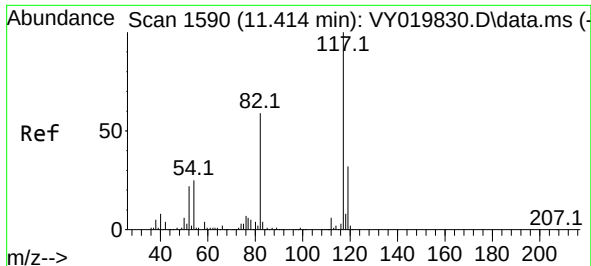
Tgt Ion: 98 Resp: 143915
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.856 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019915.D
Acq: 16 Oct 2024 15:07

Tgt Ion: 95 Resp: 39499
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 69.4 0.0 171.4

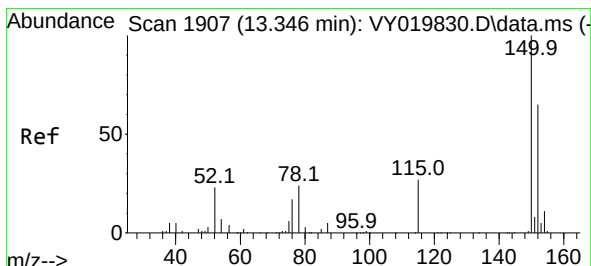
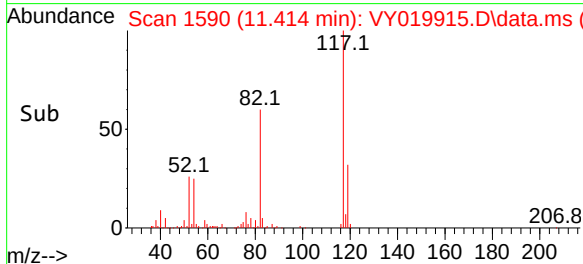
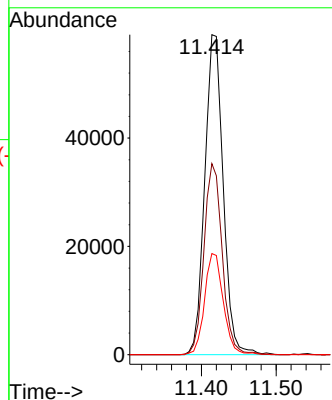
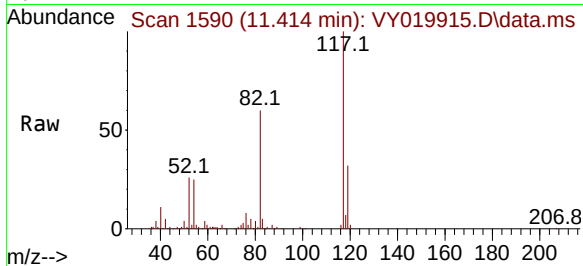




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019915.D
Acq: 16 Oct 2024 15:07

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-101524

Tgt Ion:117 Resp: 101279
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.6 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: VY019915.D
Acq: 16 Oct 2024 15:07

Tgt Ion:152 Resp: 32475
Ion Ratio Lower Upper
152 100
115 61.9 28.2 84.7
150 152.1 0.0 345.6

