

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019385.D
 Acq On : 29 Aug 2024 21:47
 Operator : SY/MD
 Sample : P3739-11RE
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOCRE

Quant Time: Aug 30 04:51:30 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	7.701	168	197007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	359009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	259899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	107901	57.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.640%
35) Dibromofluoromethane	7.622	113	111948	49.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.103	98	404732	48.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.402	95	100772	37.289	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.580%

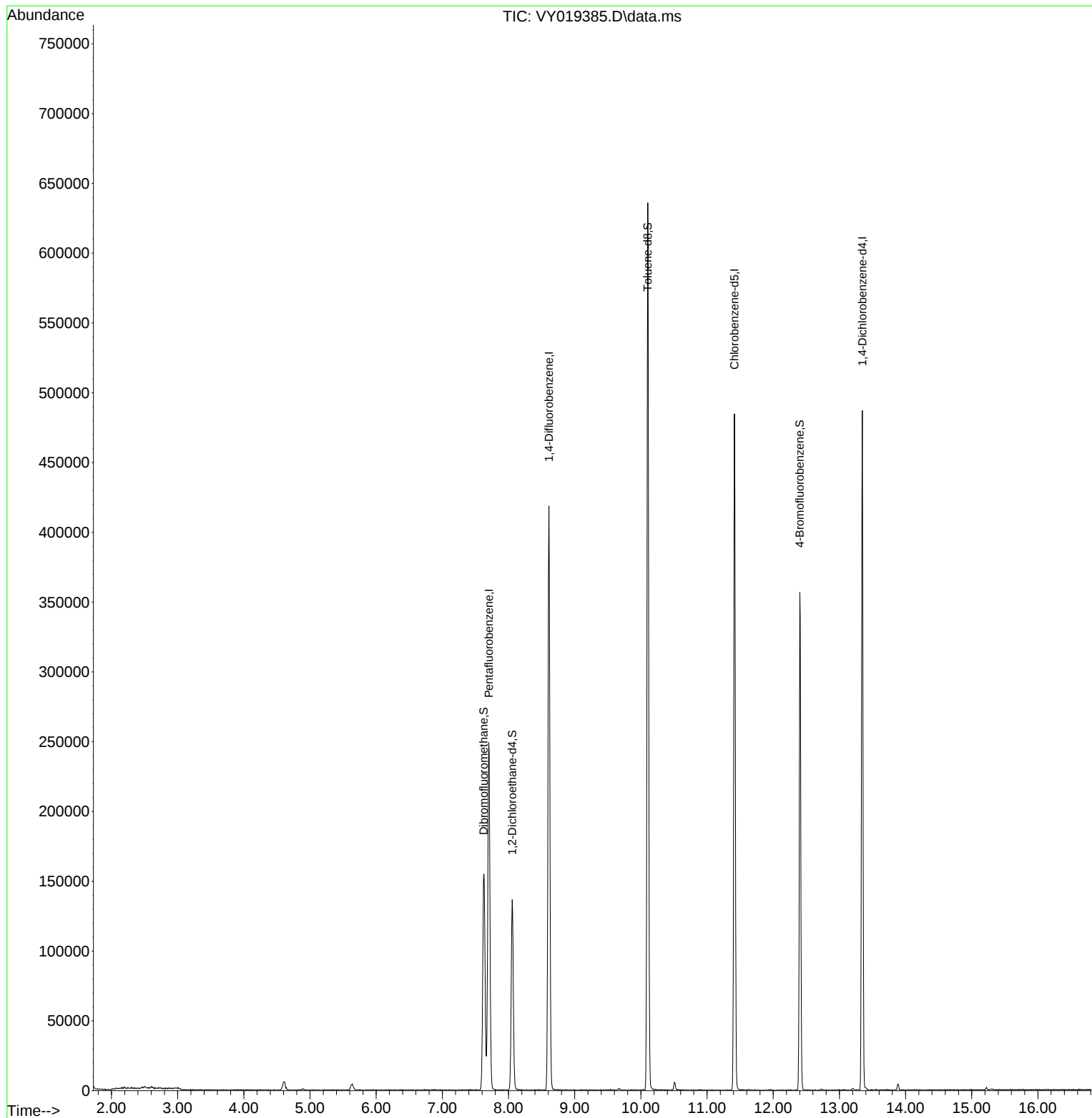
Target Compounds	Qvalue

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

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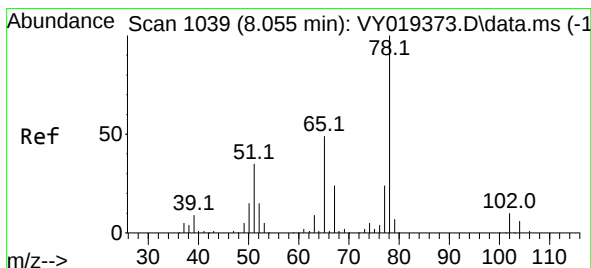
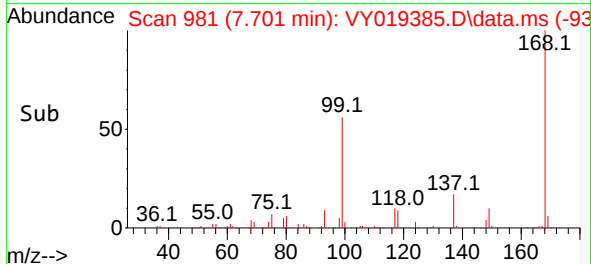
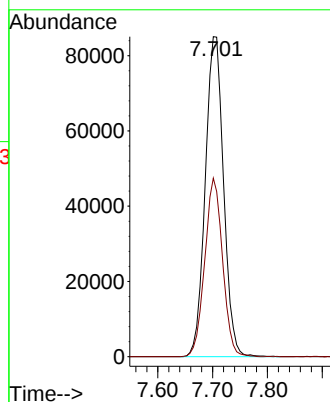
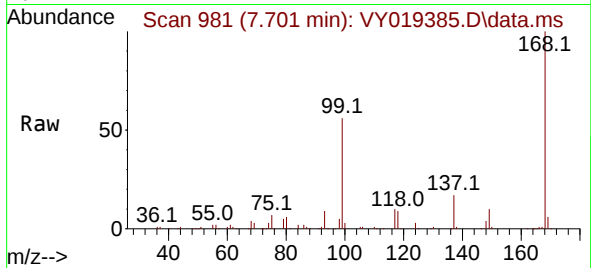




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

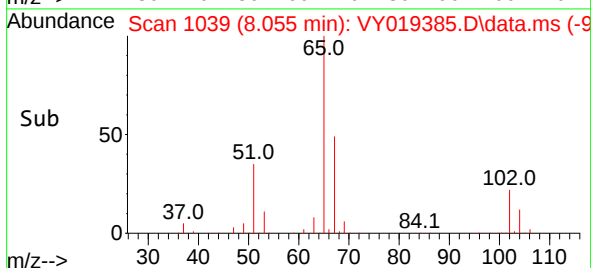
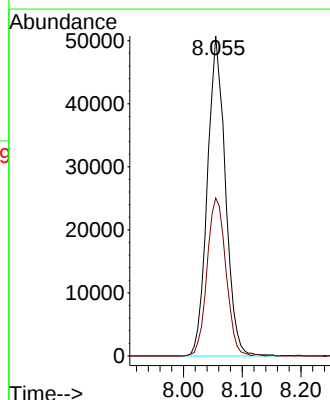
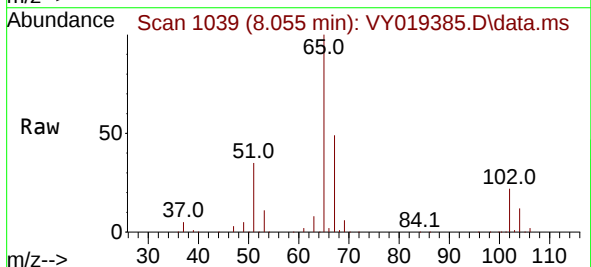
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOCRE

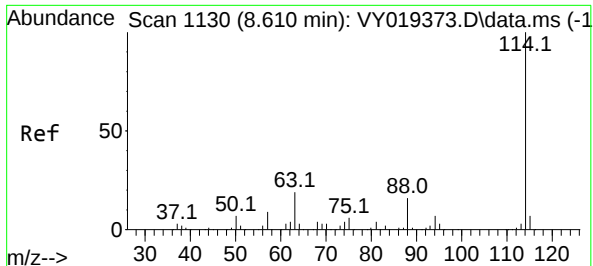
Tgt Ion:168 Resp: 197007
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.825 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion: 65 Resp: 107901
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019385.D

Acq: 29 Aug 2024 21:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOCRE

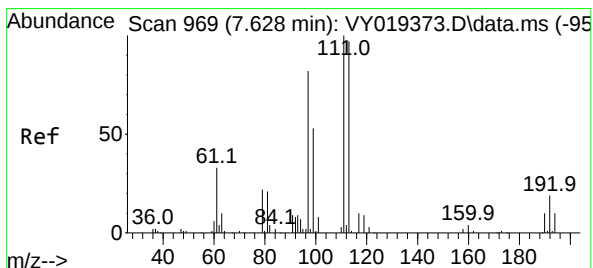
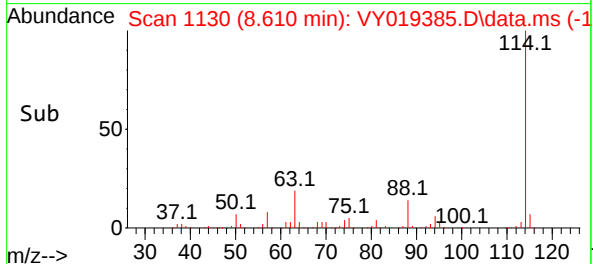
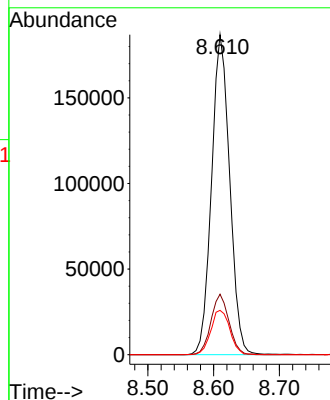
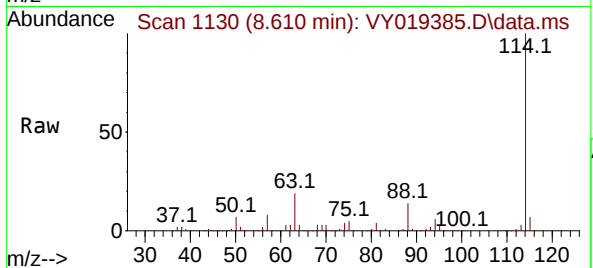
Tgt Ion:114 Resp: 359009

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.321 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY019385.D

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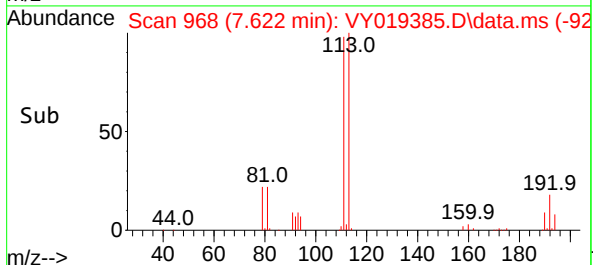
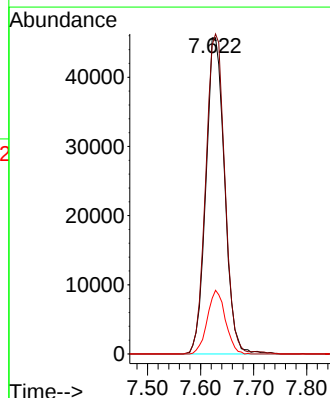
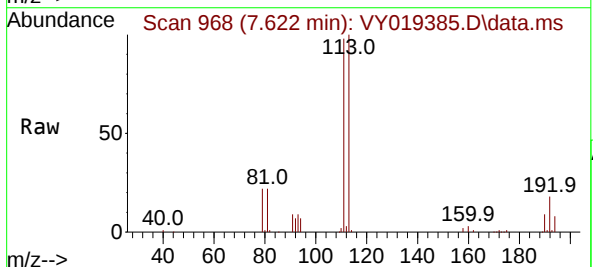
Tgt Ion:113 Resp: 111948

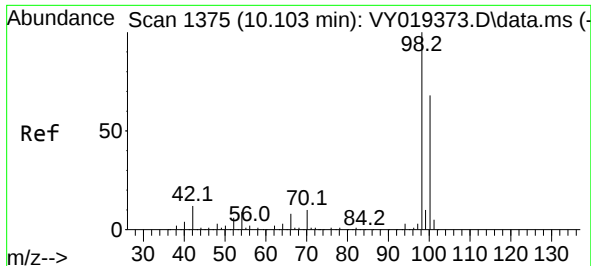
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 19.5 15.9 23.9

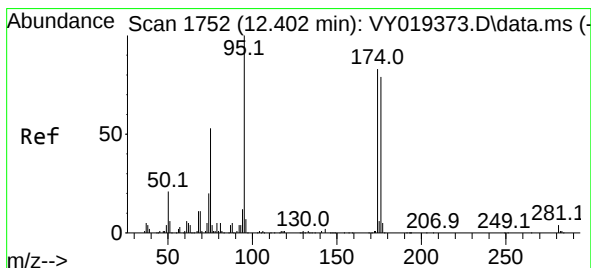
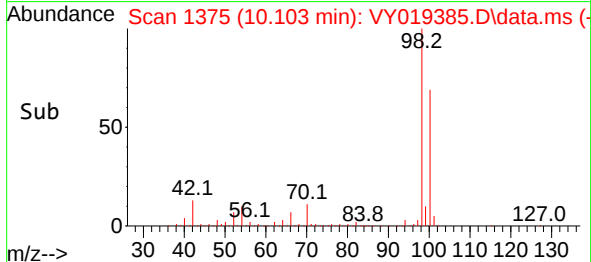
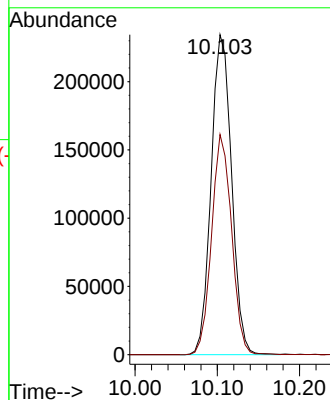
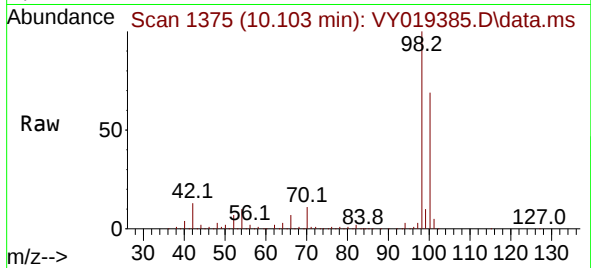




#50
Toluene-d8
Concen: 48.439 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

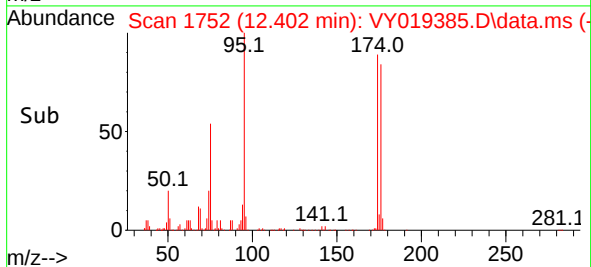
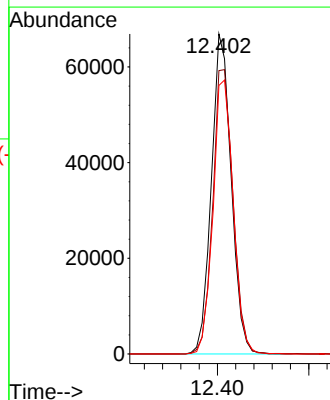
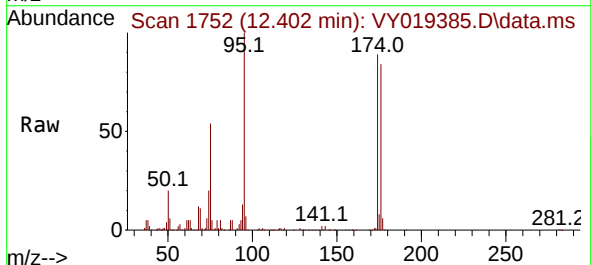
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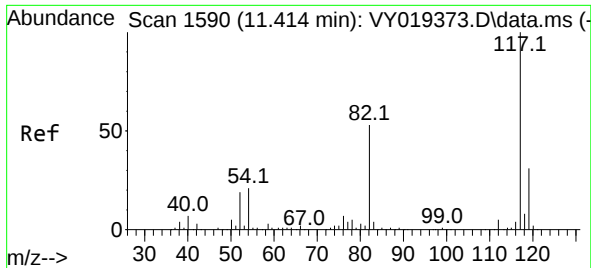
Tgt Ion: 98 Resp: 404732
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.289 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion: 95 Resp: 100772
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 87.3 0.0 171.4

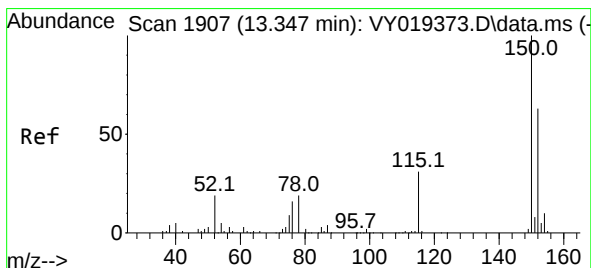
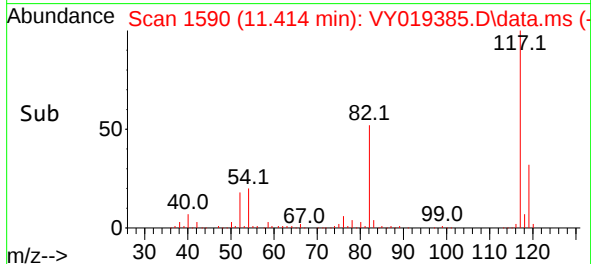
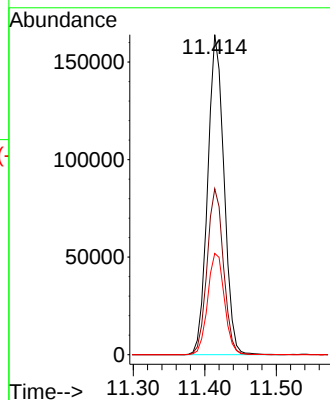
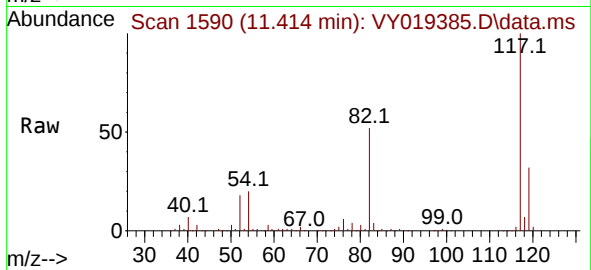




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOCRE

Tgt Ion:117 Resp: 259899
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 31.6 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: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion:152 Resp: 120074
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.7 0.0 345.6

