

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019019.D
 Acq On : 13 Aug 2024 10:55
 Operator : SY/MD
 Sample : VY0813SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBL01

Quant Time: Aug 14 01:32:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	50057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	75765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	63595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22473	51.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.260%
35) Dibromofluoromethane	7.628	113	25790	53.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.103	98	95876	51.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.408	95	25406	46.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.140%

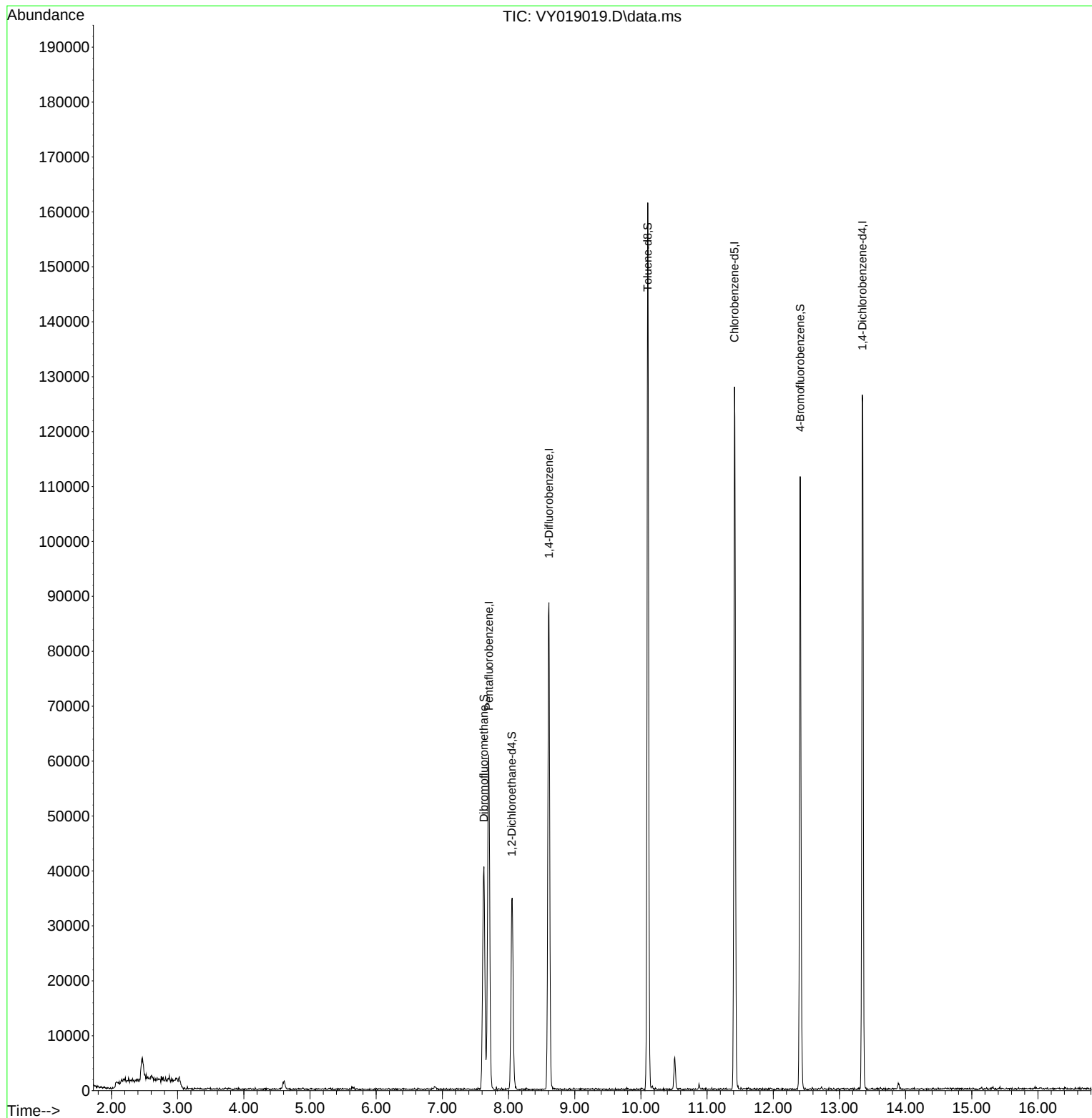
Target Compounds	Qvalue

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

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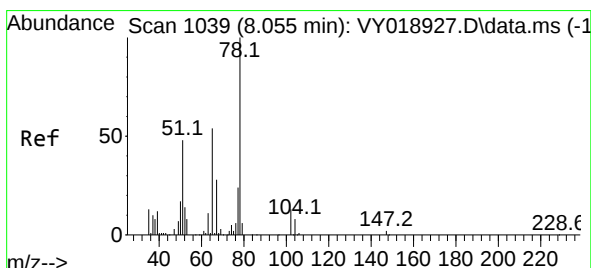
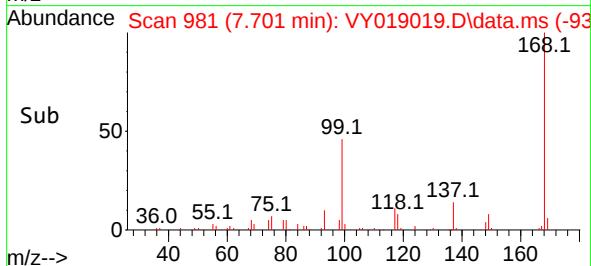
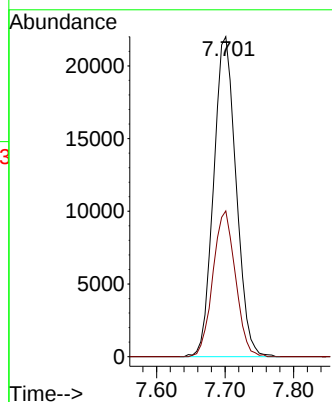
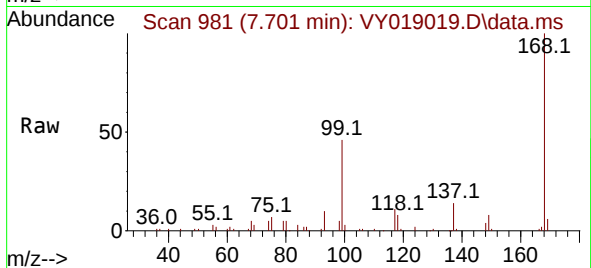




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019019.D
Acq: 13 Aug 2024 10:55

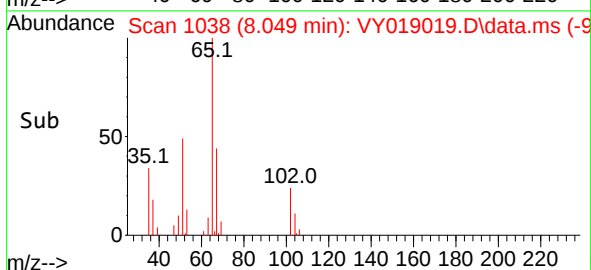
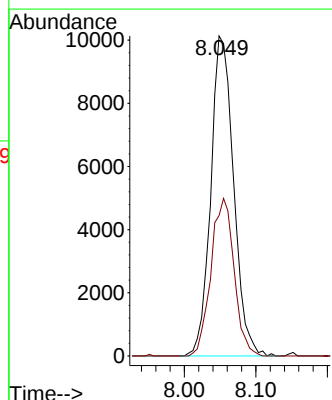
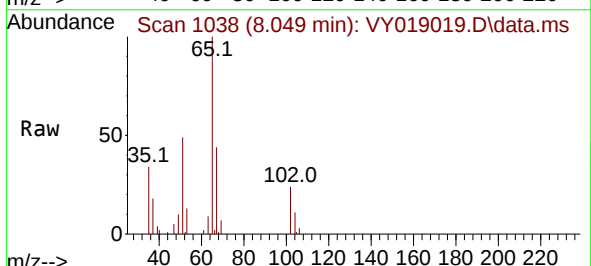
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

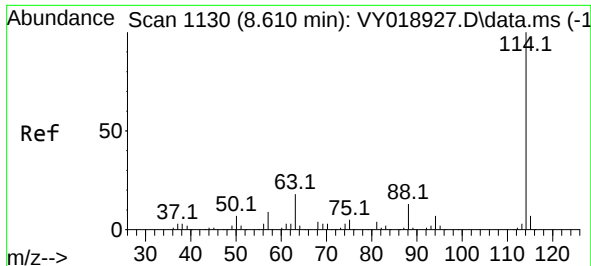
Tgt Ion:168 Resp: 50057
Ion Ratio Lower Upper
168 100
99 45.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.134 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019019.D
Acq: 13 Aug 2024 10:55

Tgt Ion: 65 Resp: 22473
Ion Ratio Lower Upper
65 100
67 49.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019019.D

Acq: 13 Aug 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0813SBL01

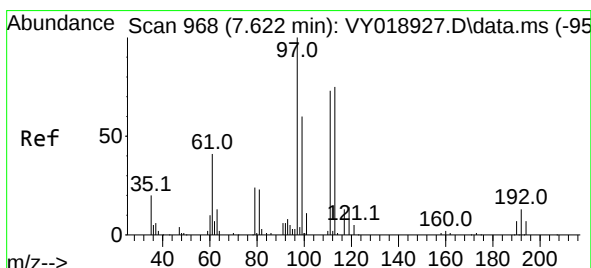
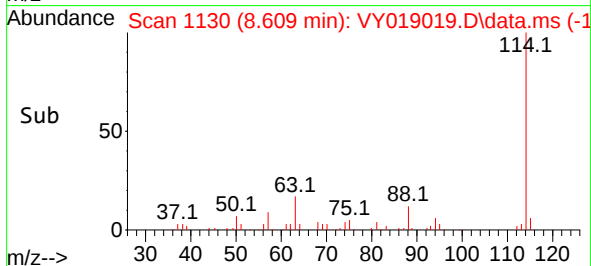
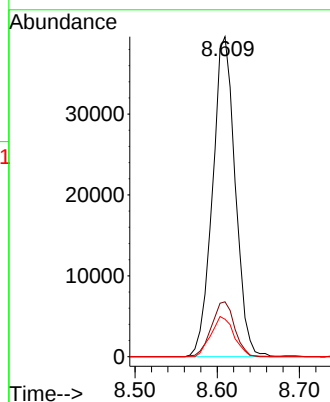
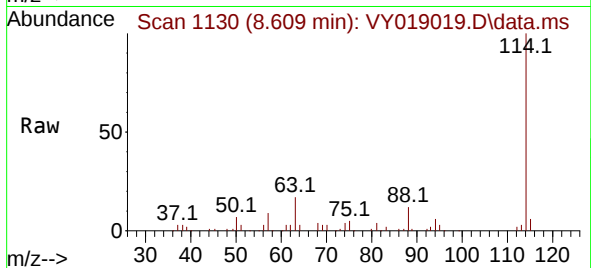
Tgt Ion:114 Resp: 75765

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 11.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.296 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019019.D

Acq: 13 Aug 2024 10:55

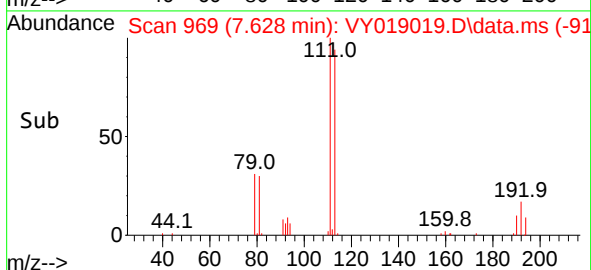
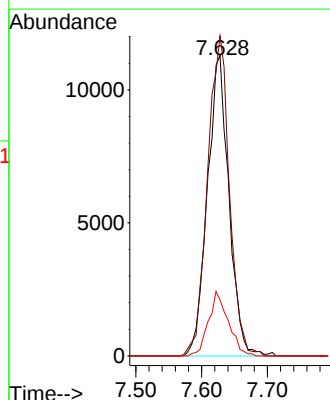
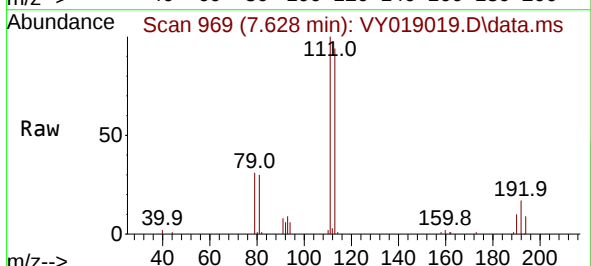
Tgt Ion:113 Resp: 25790

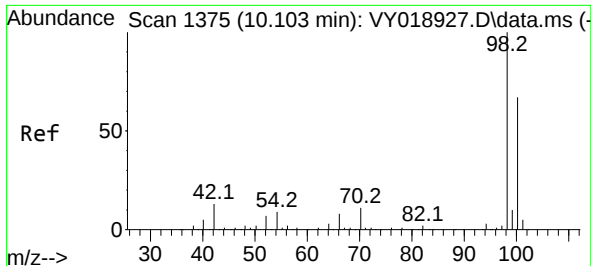
Ion Ratio Lower Upper

113 100

111 108.0 82.2 123.4

192 19.8 15.9 23.9

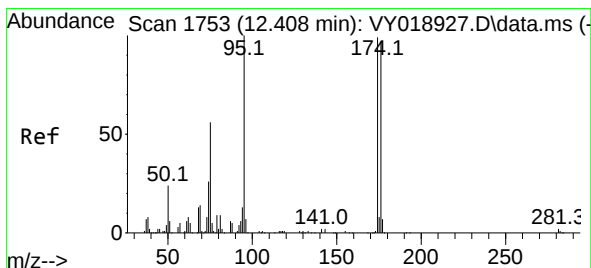
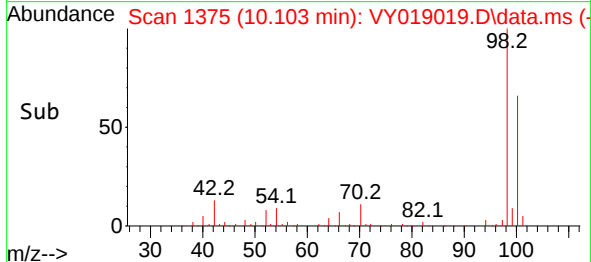
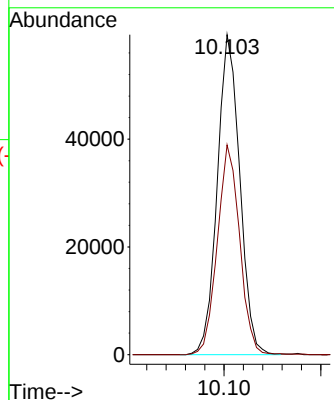
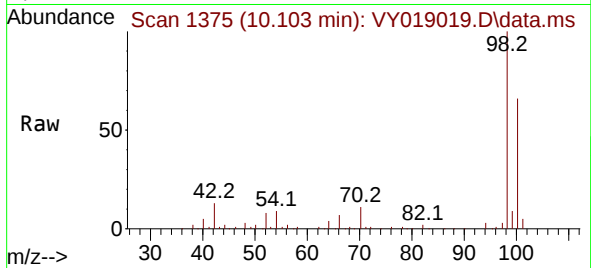




#50
Toluene-d8
Concen: 51.583 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019019.D
Acq: 13 Aug 2024 10:55

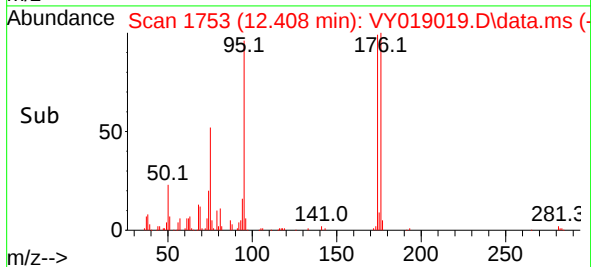
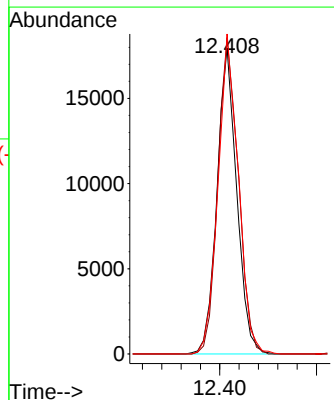
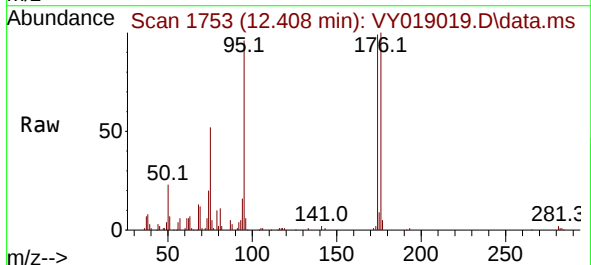
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

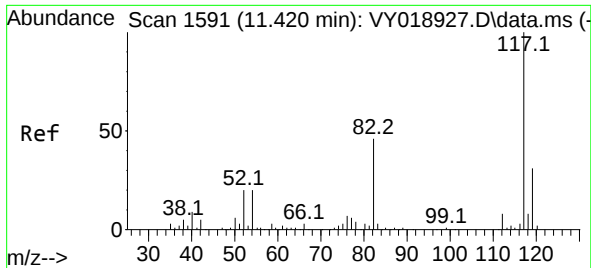
Tgt Ion: 98 Resp: 95876
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.073 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019019.D
Acq: 13 Aug 2024 10:55

Tgt Ion: 95 Resp: 25406
Ion Ratio Lower Upper
95 100
174 107.2 0.0 175.6
176 107.3 0.0 171.4

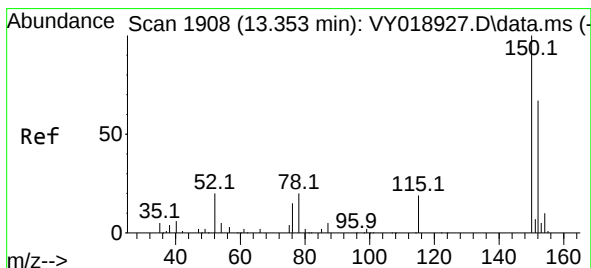
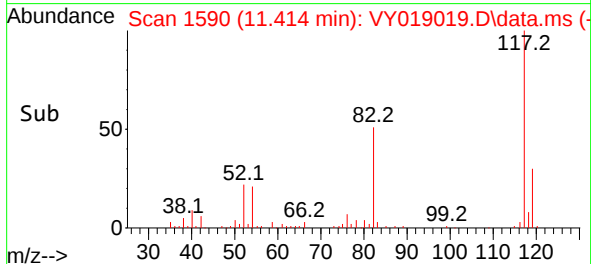
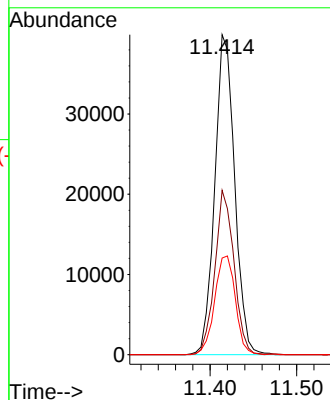
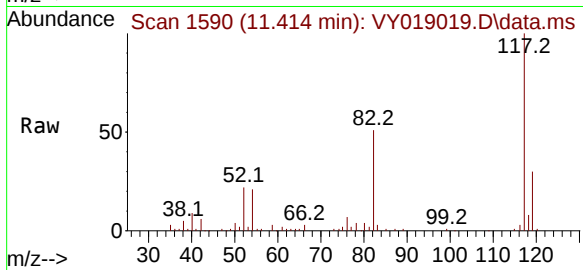




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019019.D
Acq: 13 Aug 2024 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

Tgt Ion:117 Resp: 63595
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 30.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019019.D
Acq: 13 Aug 2024 10:55

Tgt Ion:152 Resp: 30073
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 153.6 0.0 345.6

