

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018377.D
 Acq On : 28 May 2024 13:44
 Operator : SY/MD
 Sample : VY0528SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBL01

Quant Time: May 29 01:16:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	131252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63952	51.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.860%
35) Dibromofluoromethane	7.710	113	66514	48.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.173	98	268841	49.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.477	95	78377	47.124	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.240%

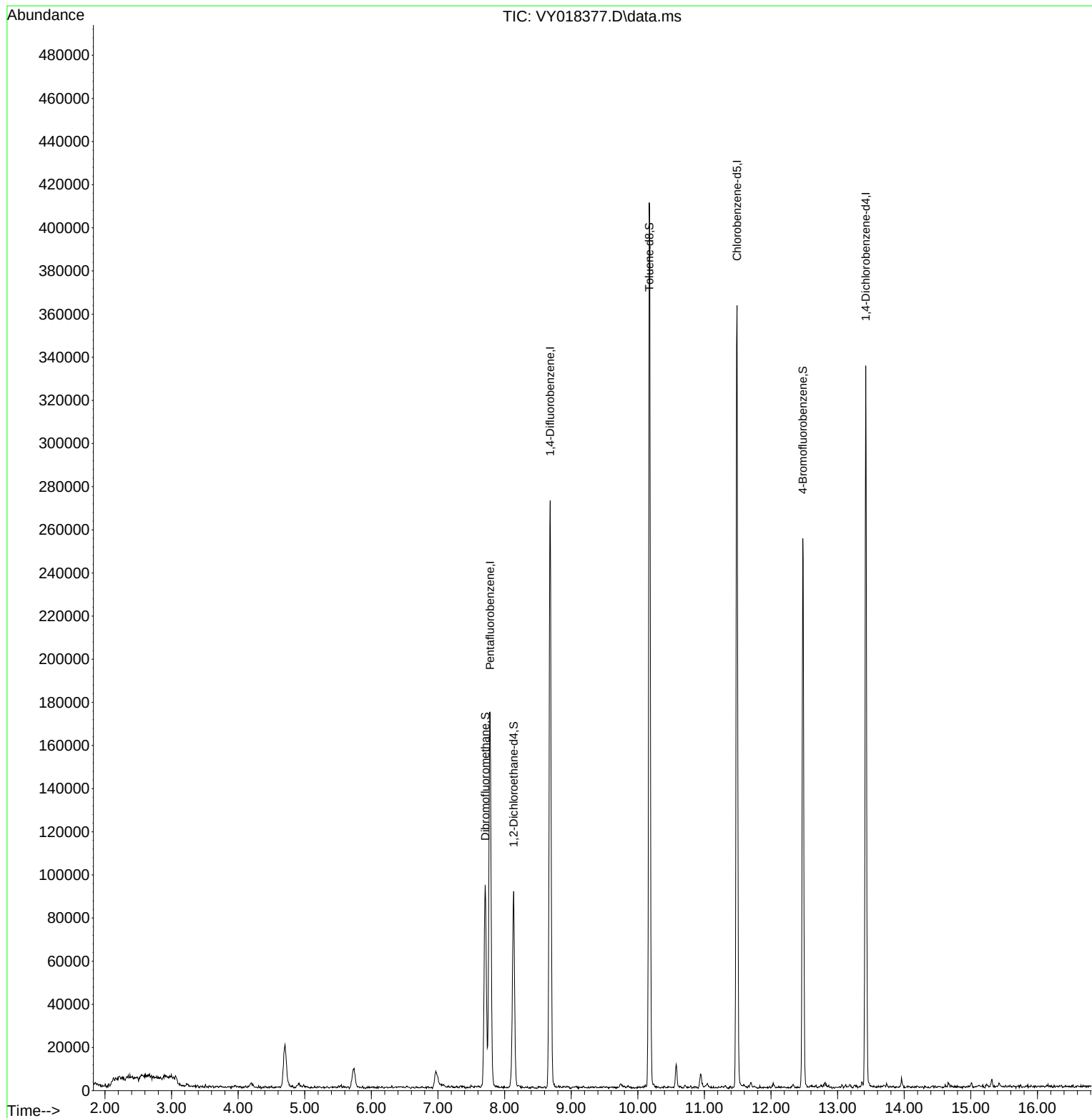
Target Compounds	Qvalue

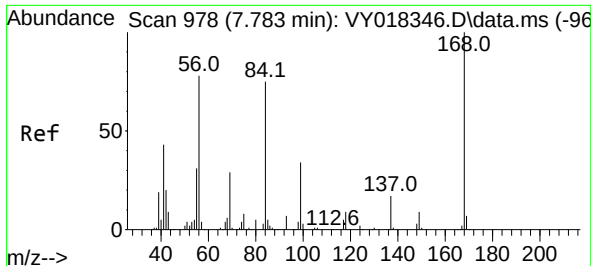
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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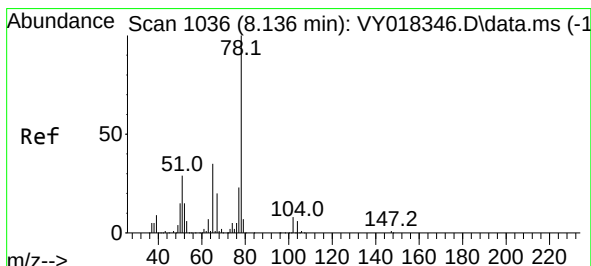
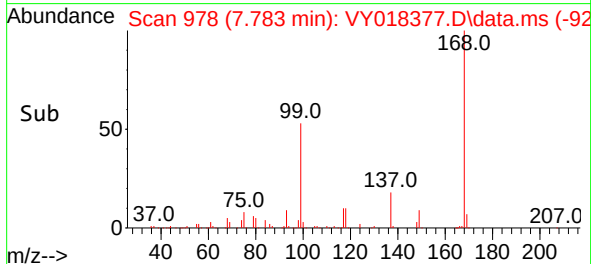
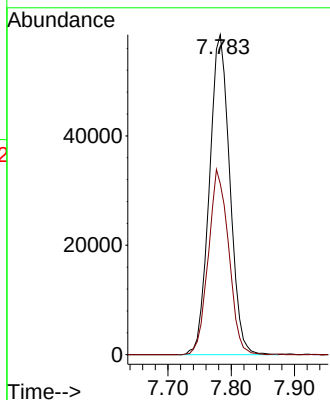
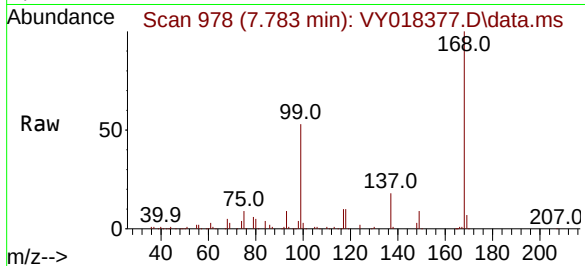




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

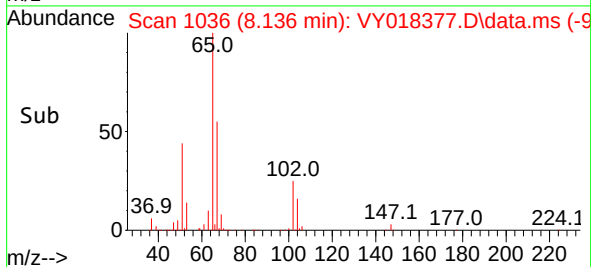
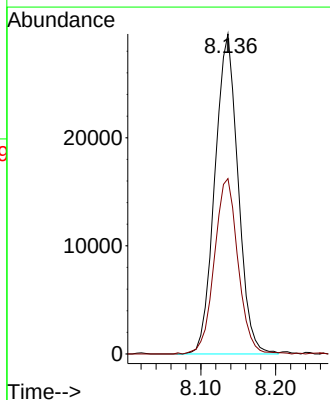
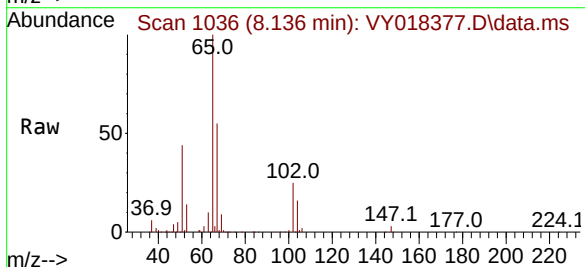
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBL01

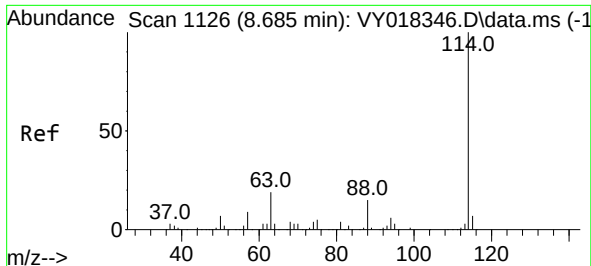
Tgt Ion:168 Resp: 131252
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.429 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Tgt Ion: 65 Resp: 63952
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBL01

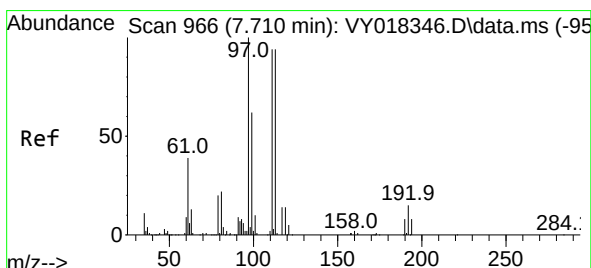
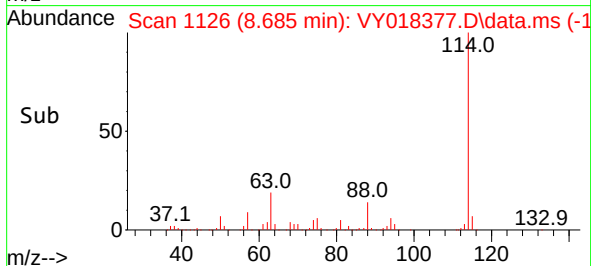
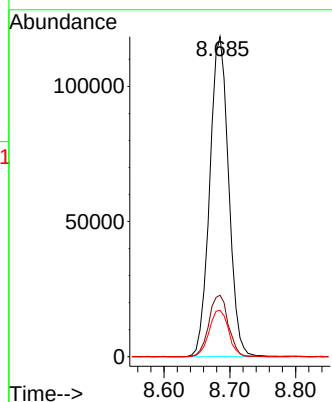
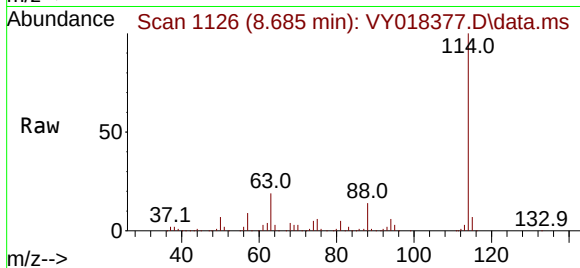
Tgt Ion:114 Resp: 236747

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.178 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018377.D

Acq: 28 May 2024 13:44

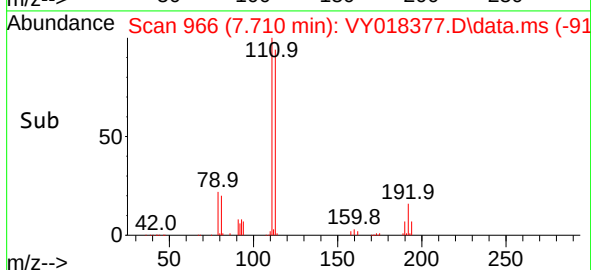
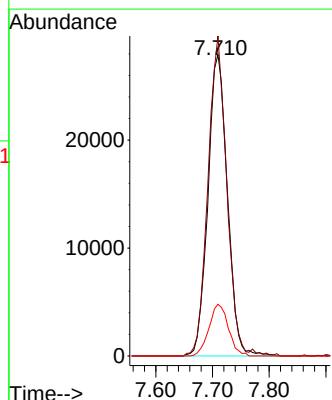
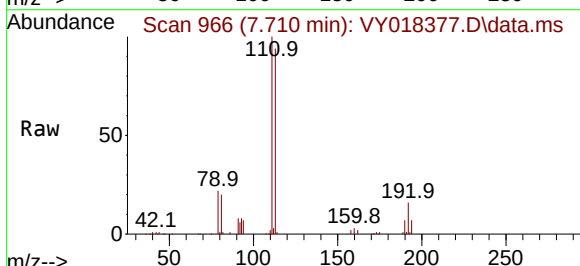
Tgt Ion:113 Resp: 66514

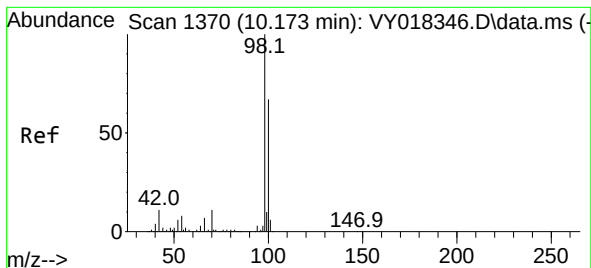
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 17.2 15.9 23.9

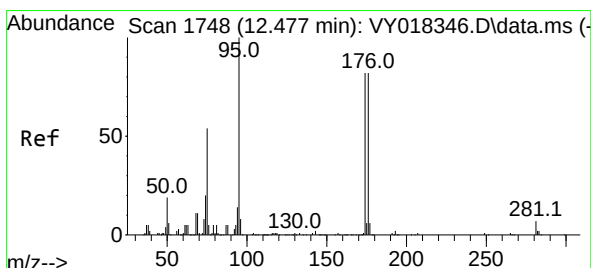
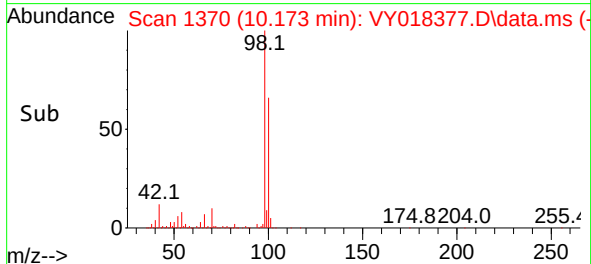
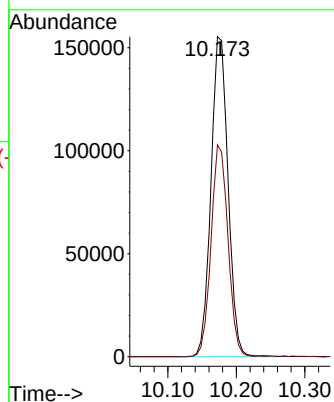
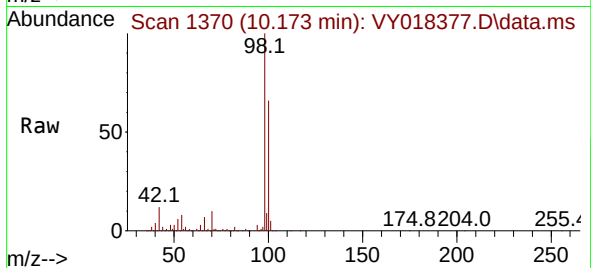




#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

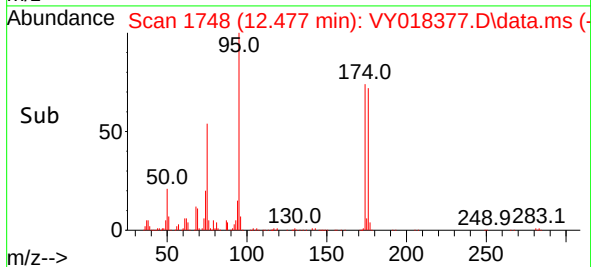
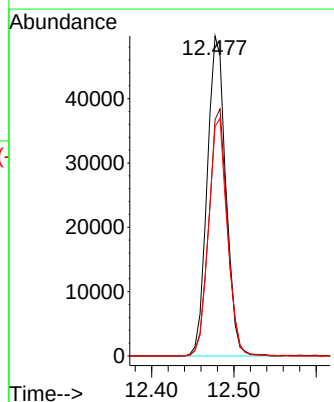
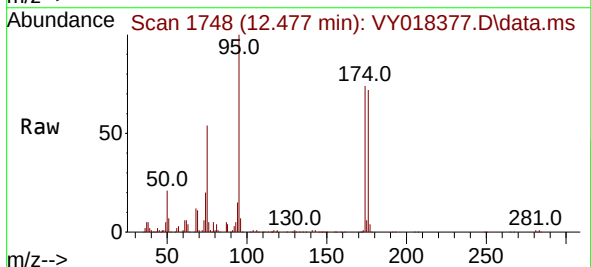
Instrument :
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ClientSampleId :
VY0528SBL01

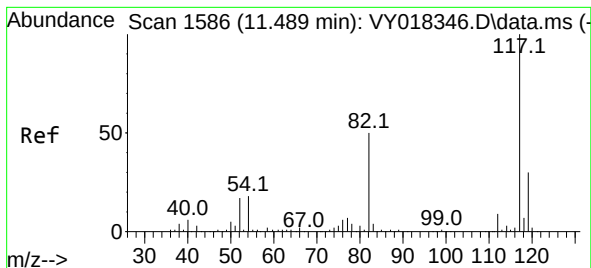
Tgt Ion: 98 Resp: 268841
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.124 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Tgt Ion: 95 Resp: 78377
Ion Ratio Lower Upper
95 100
174 76.8 0.0 175.6
176 74.3 0.0 171.4

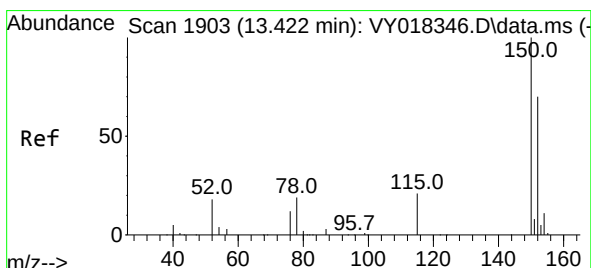
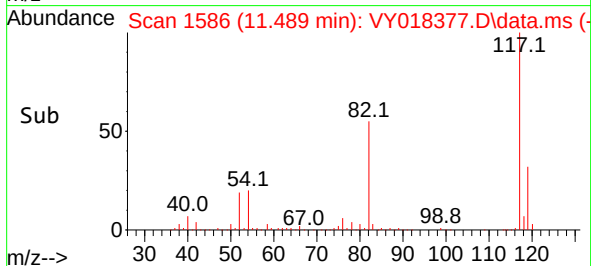
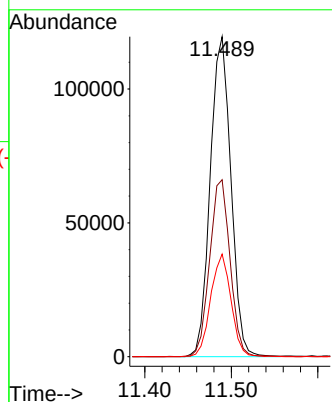
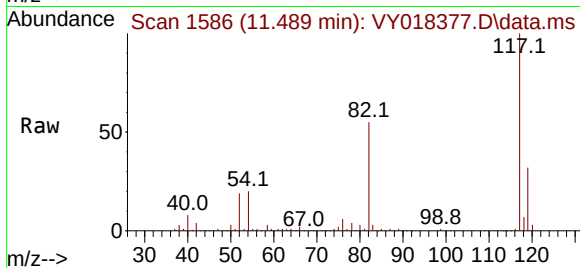




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBL01

Tgt Ion:117 Resp: 198472
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018377.D
Acq: 28 May 2024 13:44

Tgt Ion:152 Resp: 80091
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 155.2 0.0 345.6

