

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018392.D
 Acq On : 29 May 2024 12:17
 Operator : SY/MD
 Sample : VY0529SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBL01

Quant Time: May 30 04:00:22 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	116743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	57011	51.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.100%
35) Dibromofluoromethane	7.710	113	58112	46.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.400%
50) Toluene-d8	10.179	98	234648	48.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.477	95	68494	45.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%

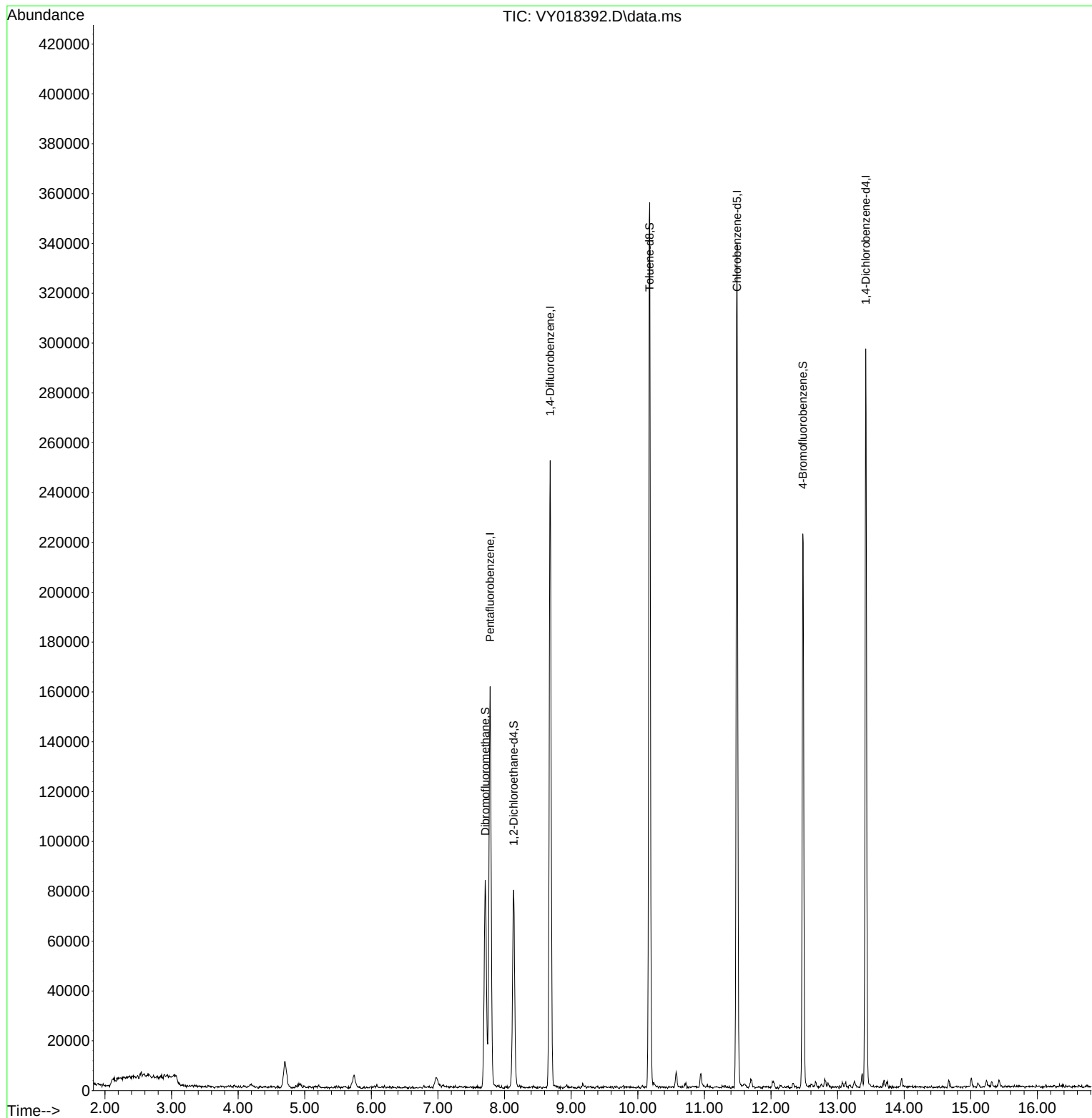
Target Compounds	Qvalue

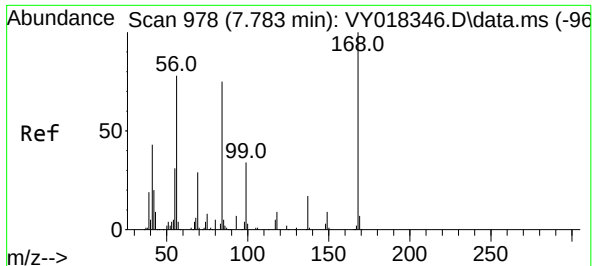
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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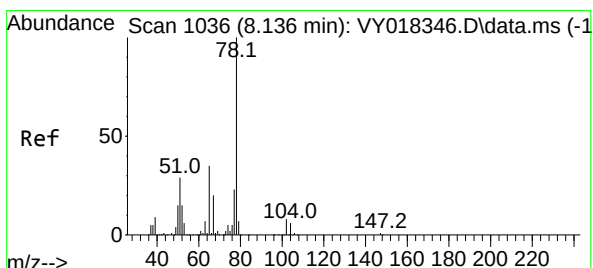
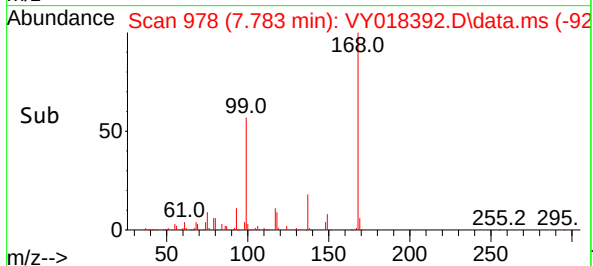
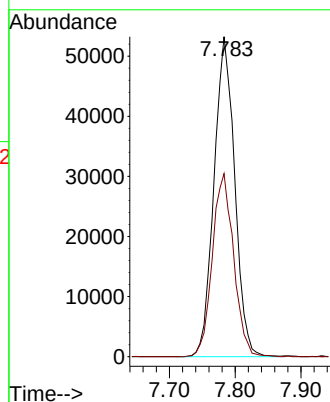
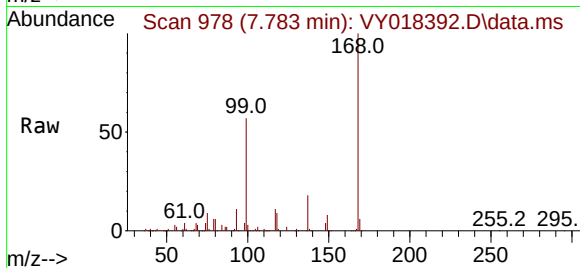




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

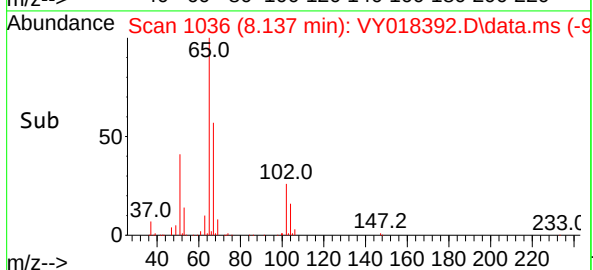
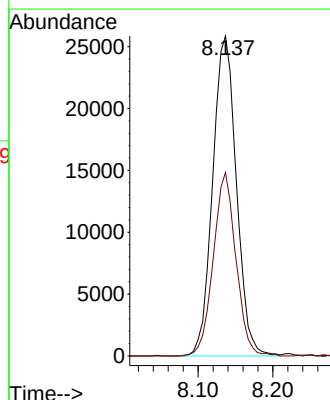
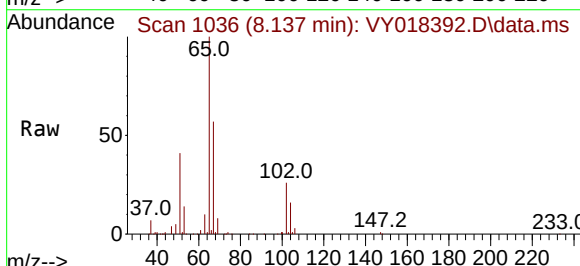
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBL01

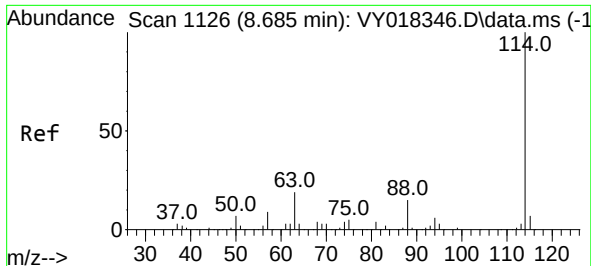
Tgt Ion:168 Resp: 116743
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.545 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion: 65 Resp: 57011
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

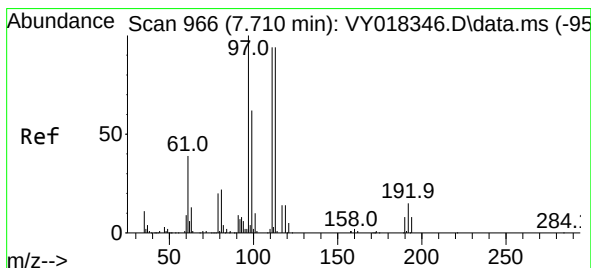
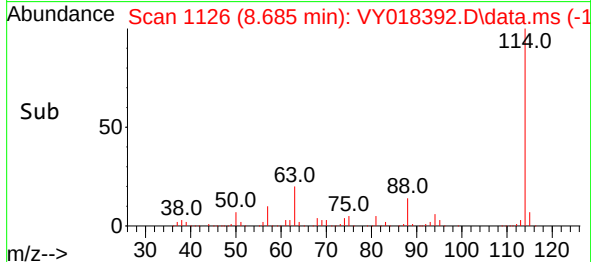
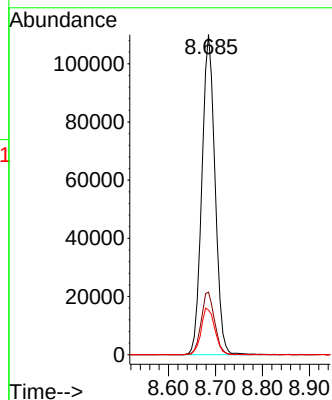
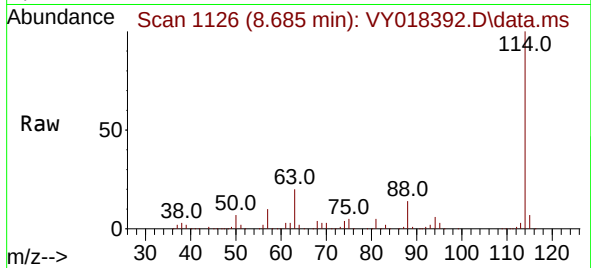




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

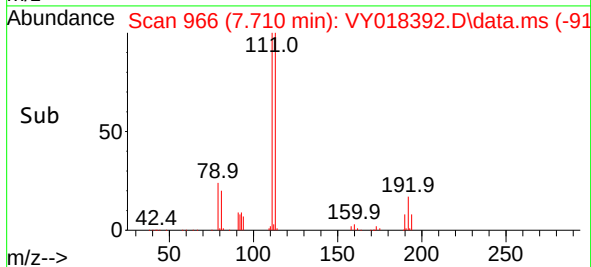
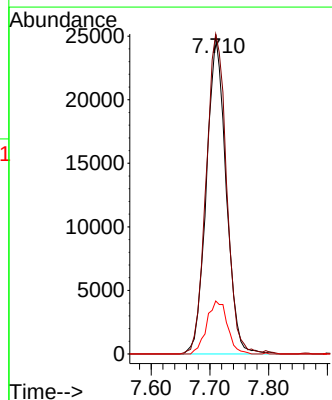
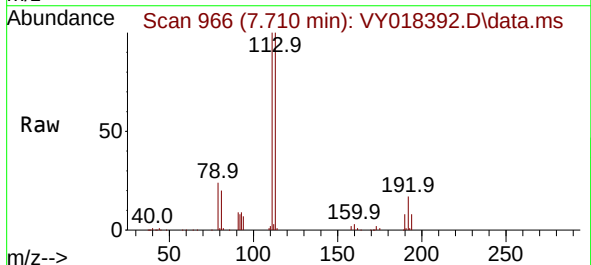
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBL01

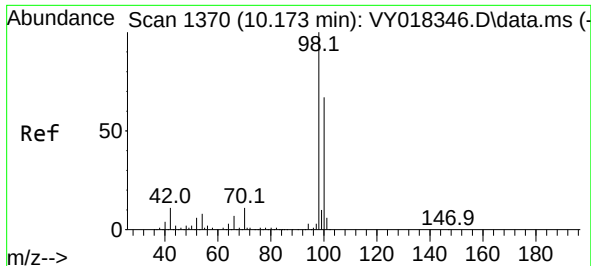
Tgt Ion:114 Resp: 213393
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.699 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion:113 Resp: 58112
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 17.5 15.9 23.9

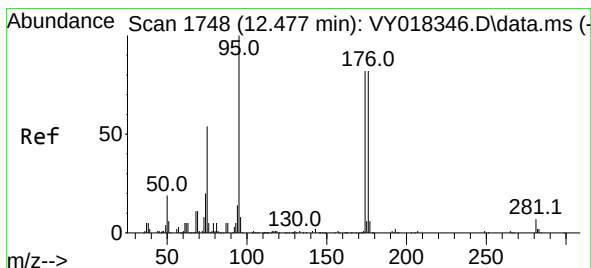
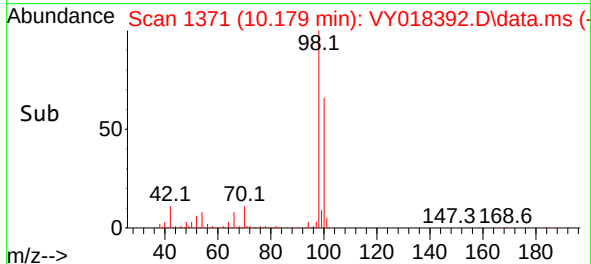
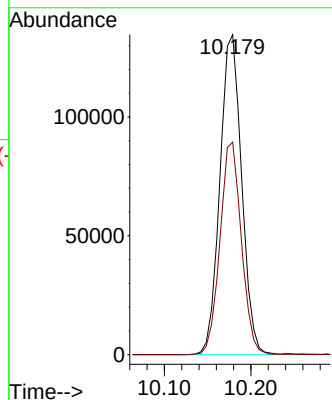
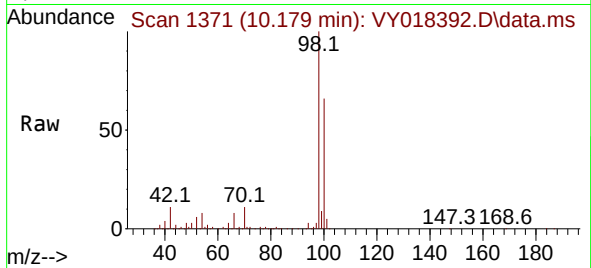




#50
Toluene-d8
Concen: 48.364 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

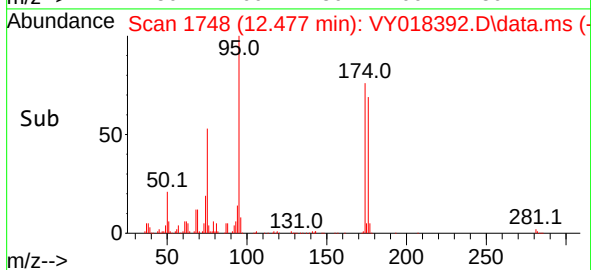
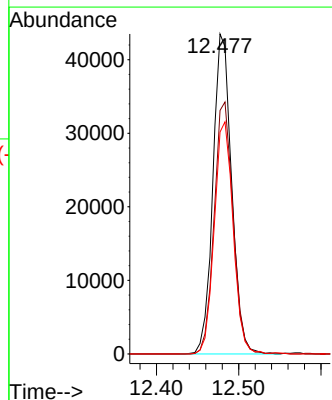
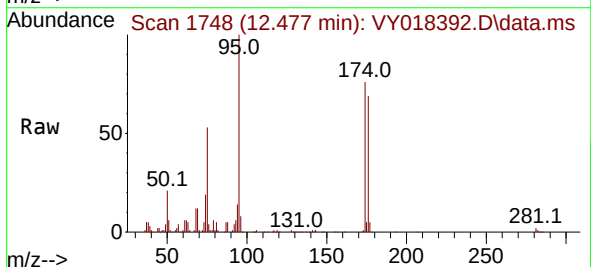
Instrument :
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VY0529SBL01

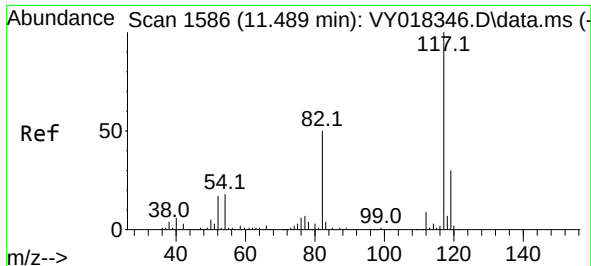
Tgt Ion: 98 Resp: 234648
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion: 95 Resp: 68494
Ion Ratio Lower Upper
95 100
174 79.8 0.0 175.6
176 73.3 0.0 171.4

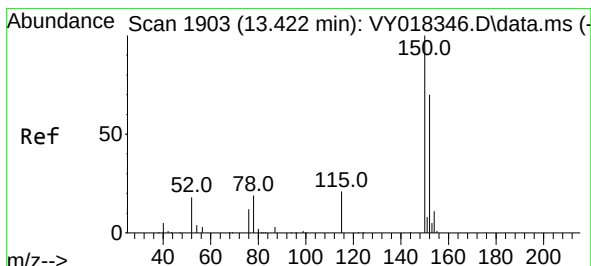
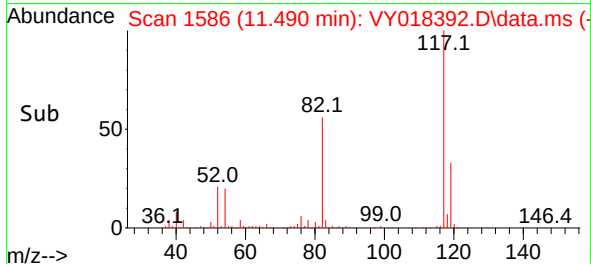
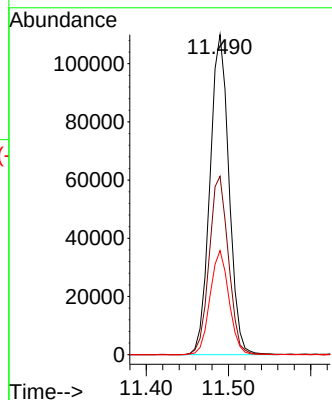
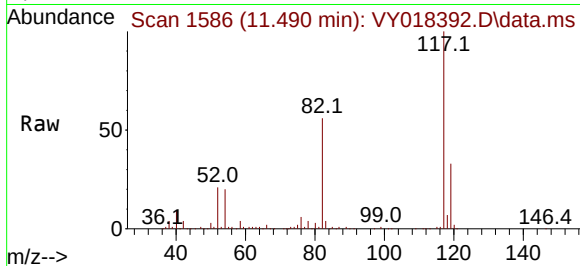




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBL01

Tgt Ion:117 Resp: 176903
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 32.5 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: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion:152 Resp: 72422
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 154.7 0.0 345.6

