

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018506.D
 Acq On : 06 Jun 2024 15:37
 Operator : SY/MD
 Sample : P2715-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPM-VOC

Quant Time: Jun 07 03:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	42981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	86789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	80316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52846	62.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.220%
35) Dibromofluoromethane	7.710	113	46585	42.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.660%
50) Toluene-d8	10.173	98	176730	40.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.740%
62) 4-Bromofluorobenzene	12.477	95	50311	36.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.820%

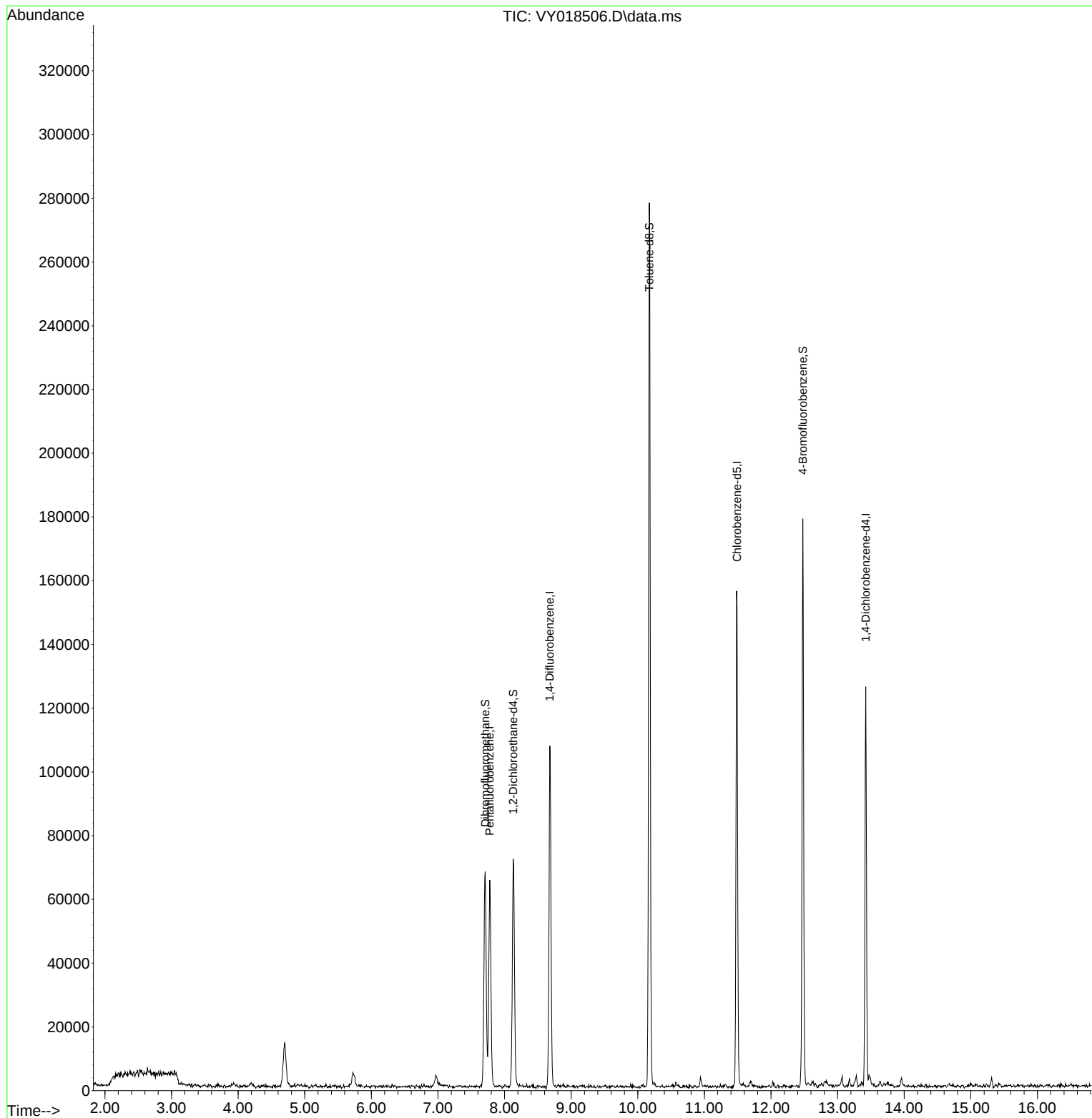
Target Compounds	Qvalue

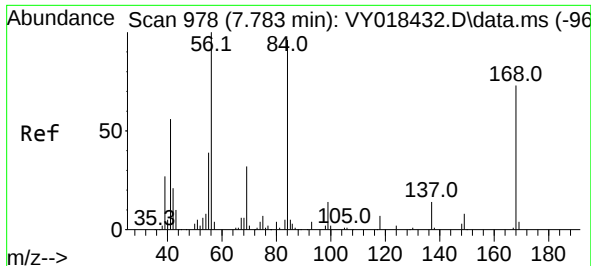
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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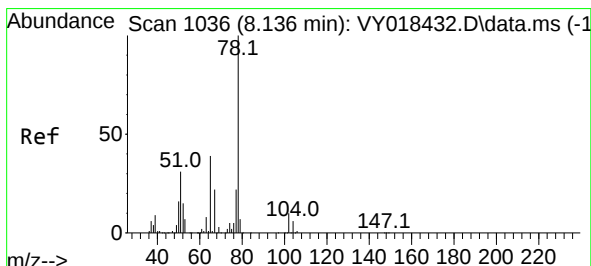
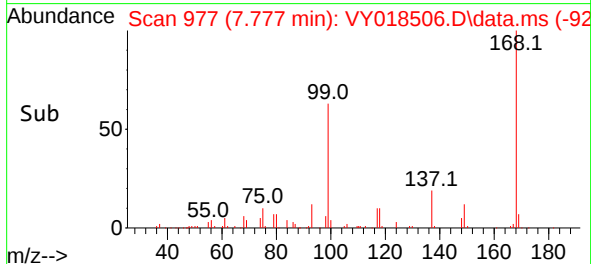
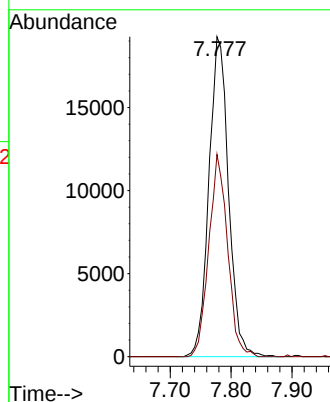
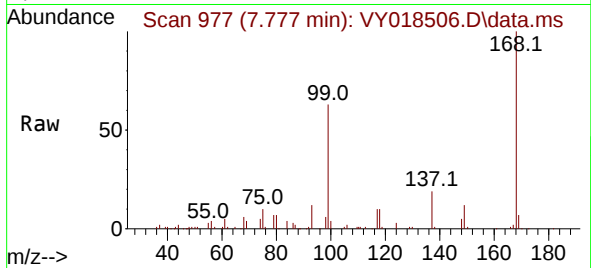




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

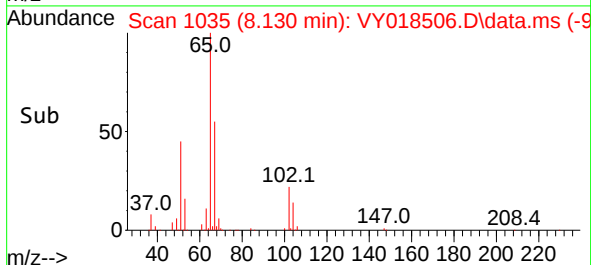
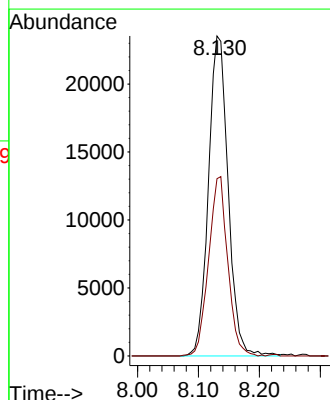
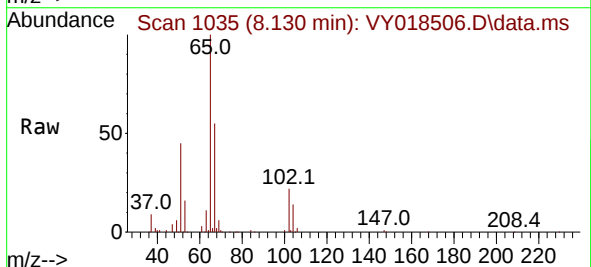
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPM-VOC

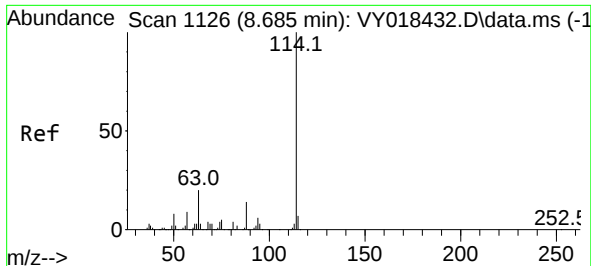
Tgt Ion:168 Resp: 42981
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.608 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Tgt Ion: 65 Resp: 52846
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

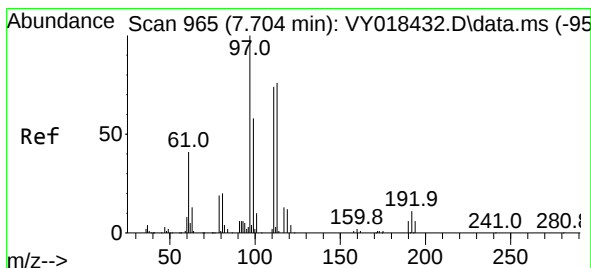
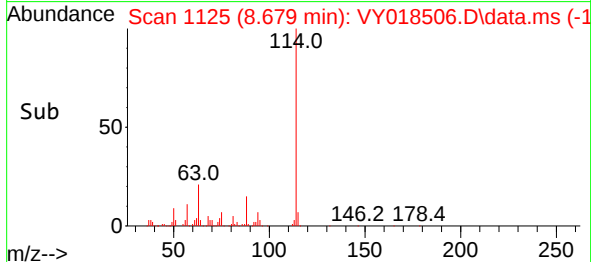
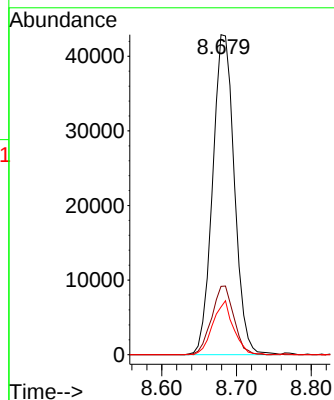
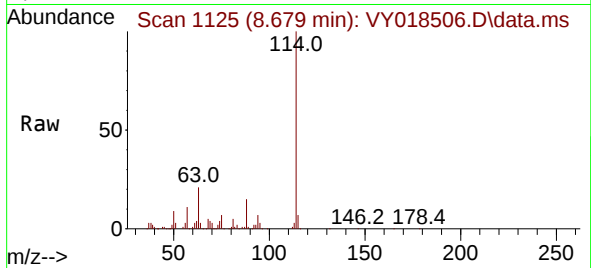




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

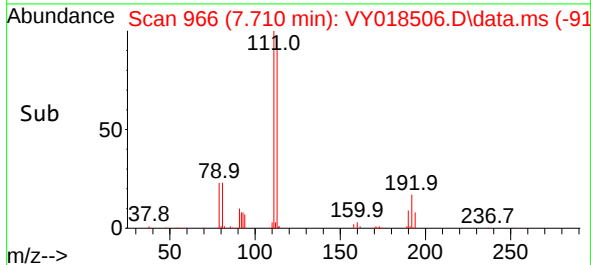
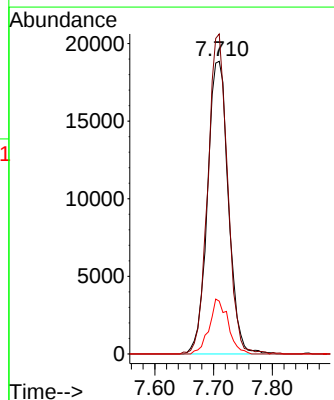
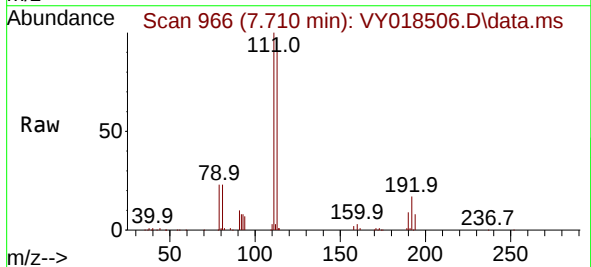
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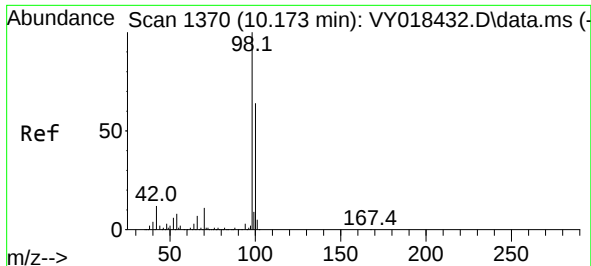
Tgt Ion:	114	Resp:	86789
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	35.0
88	14.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 42.329 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Tgt Ion:	113	Resp:	46585
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.4
192	17.0	15.9	23.9

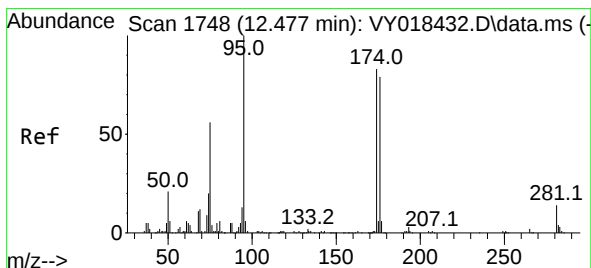
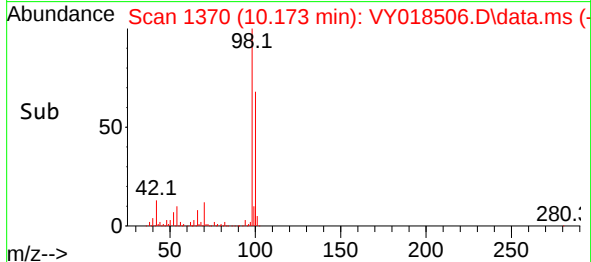
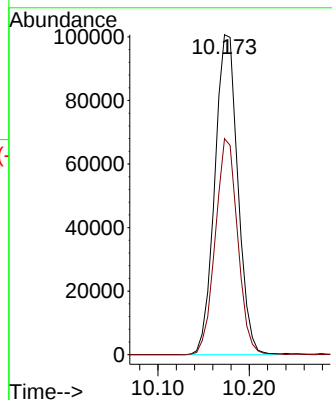
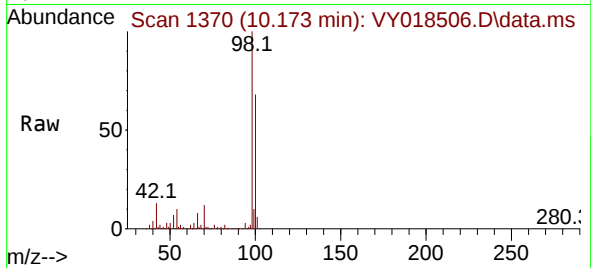




#50
Toluene-d8
Concen: 40.365 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

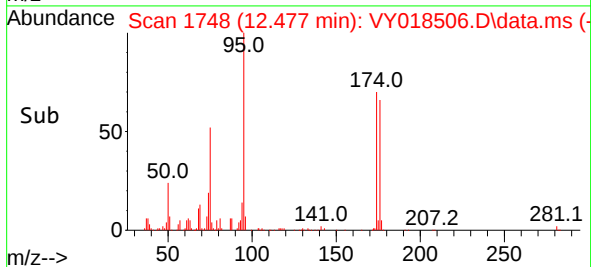
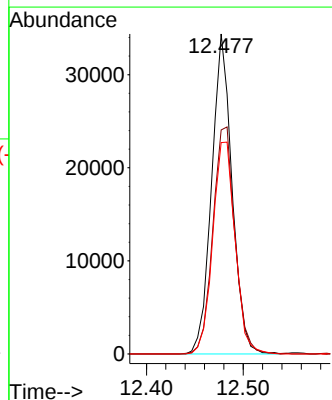
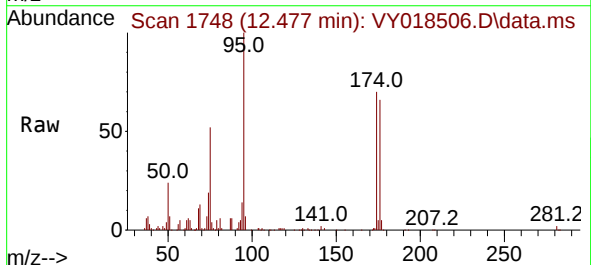
Instrument :
MSVOA_Y
ClientSampleId :
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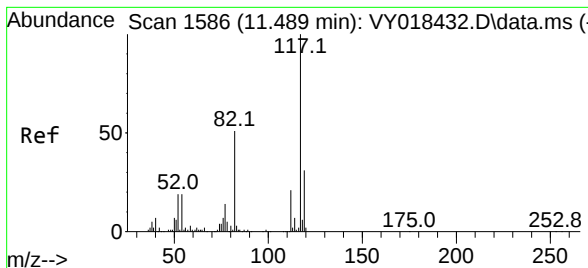
Tgt Ion: 98 Resp: 176730
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.907 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Tgt Ion: 95 Resp: 50311
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 72.8 0.0 171.4

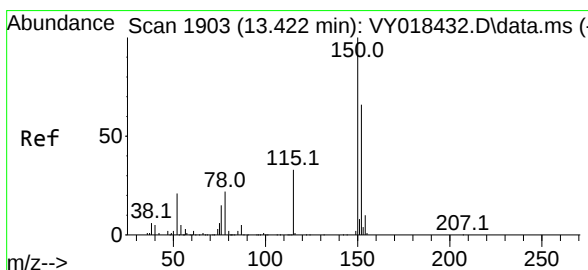
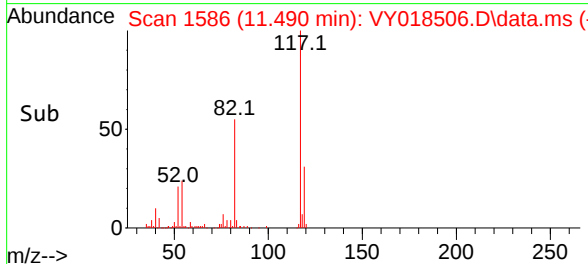
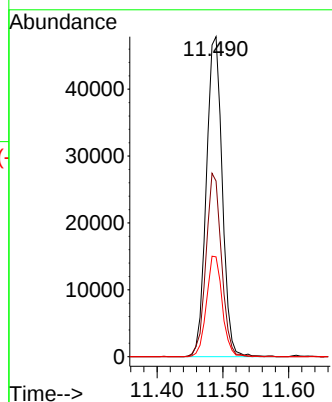
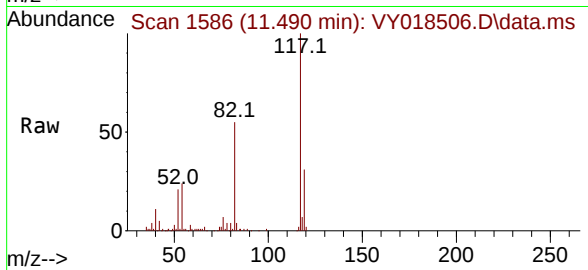




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPM-VOC

Tgt Ion:117 Resp: 80316
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 31.2 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: VY018506.D
Acq: 06 Jun 2024 15:37

Tgt Ion:152 Resp: 28208
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 158.5 0.0 345.6

