

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013520.D
 Acq On : 28 Apr 2023 12:57
 Operator : KP/MD
 Sample : 02504-10
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-512-VOC-02

Quant Time: Apr 28 23:12:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	219273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163247	67.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.820%
35) Dibromofluoromethane	7.716	113	127707	55.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.000%
50) Toluene-d8	10.179	98	455285	55.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.240%
62) 4-Bromofluorobenzene	12.483	95	148008	53.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.300%

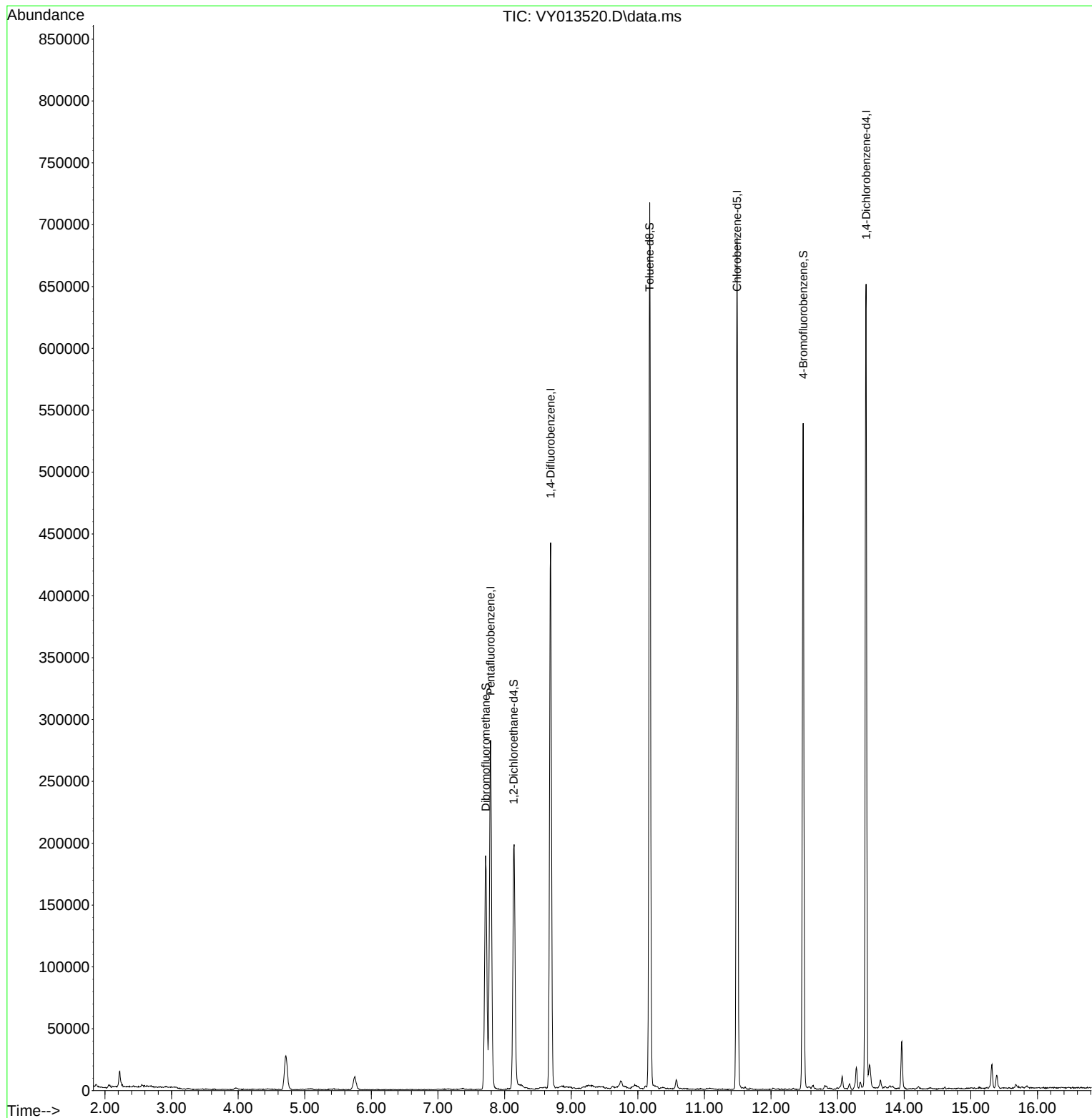
Target Compounds	Qvalue

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

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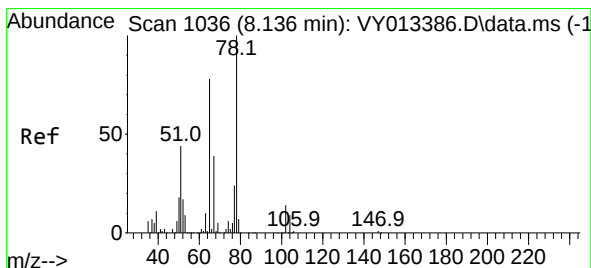
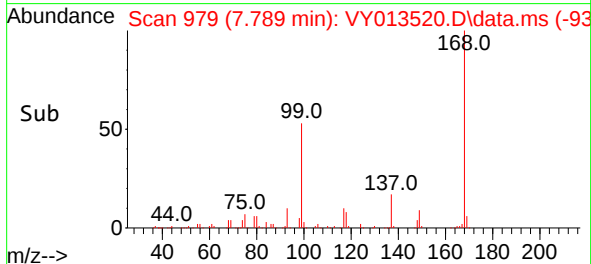
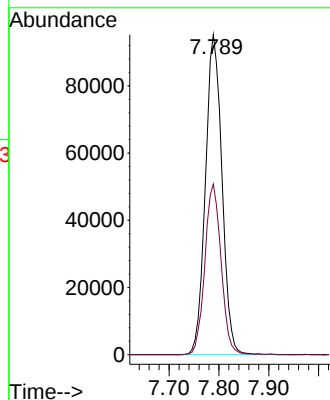
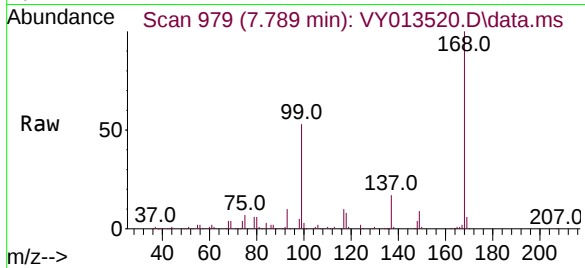




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

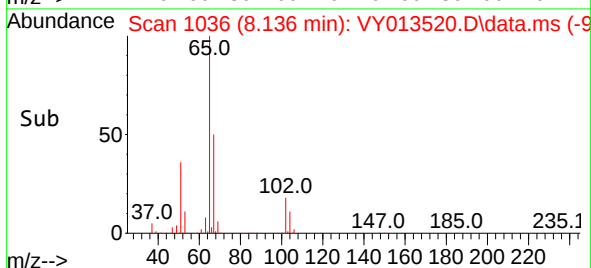
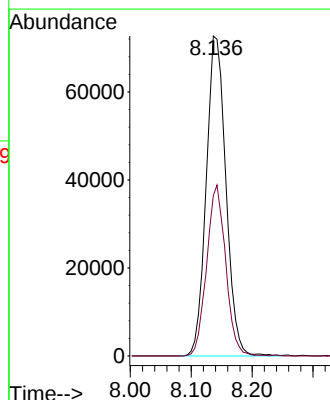
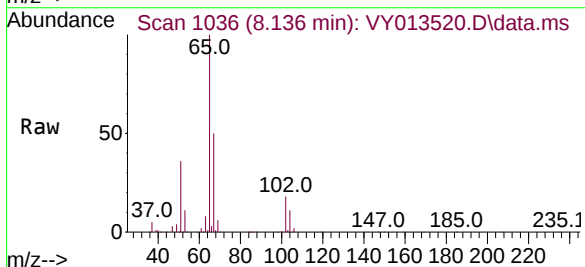
Instrument :
MSVOA_Y
ClientSampleId :
BU-512-VOC-02

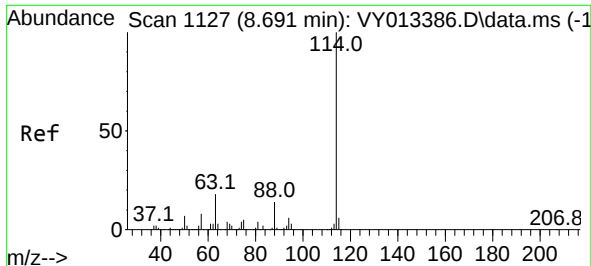
Tgt Ion:168 Resp: 219273
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 67.914 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

Tgt Ion: 65 Resp: 163247
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

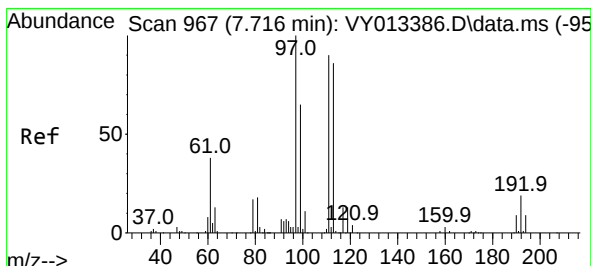
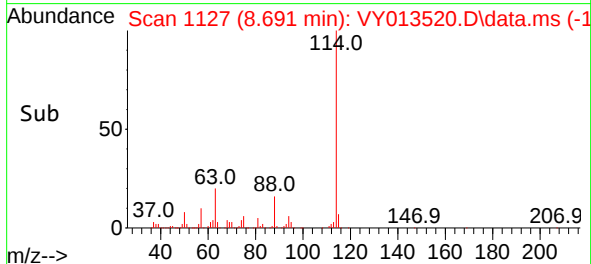
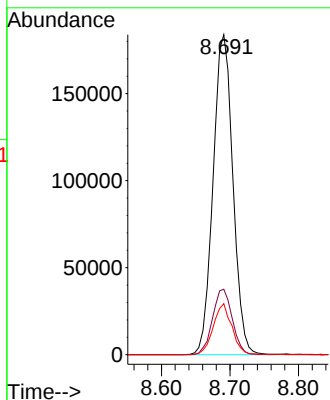
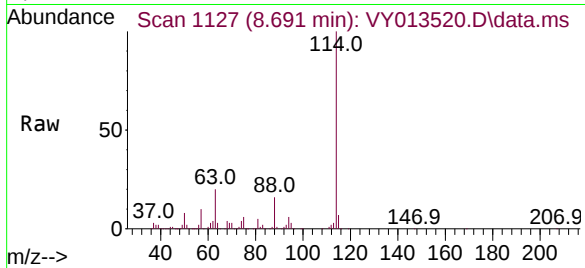




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

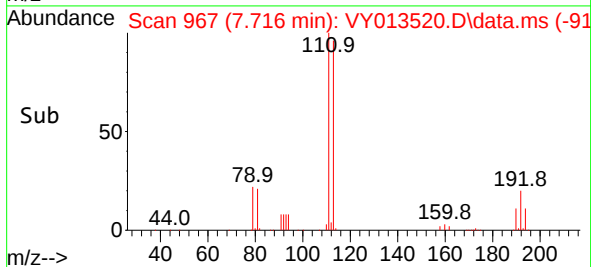
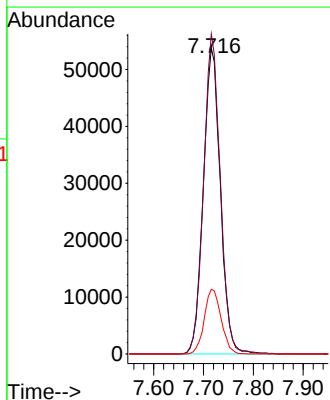
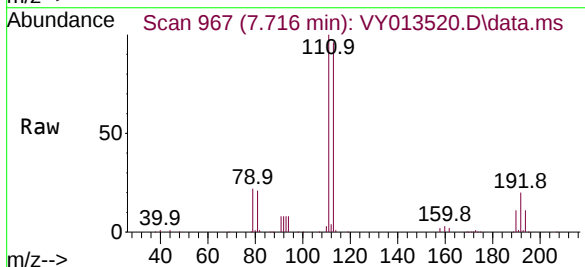
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ClientSampleId :
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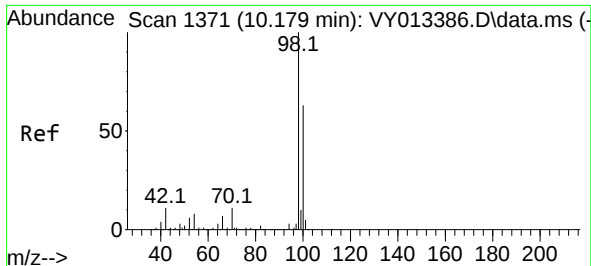
Tgt Ion:	114	Resp:	369155
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	36.6
88	15.9	0.0	28.8



#35
Dibromofluoromethane
Concen: 55.003 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

Tgt Ion:	113	Resp:	127707
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.2	123.2
192	20.9	16.7	25.1

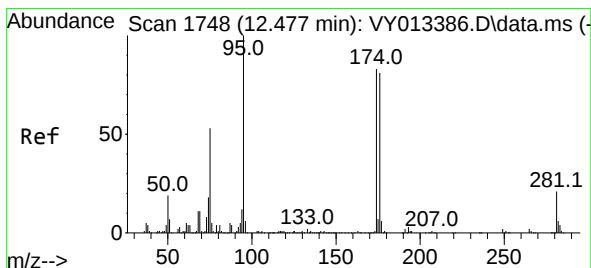
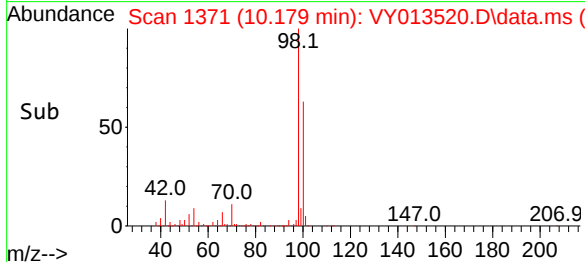
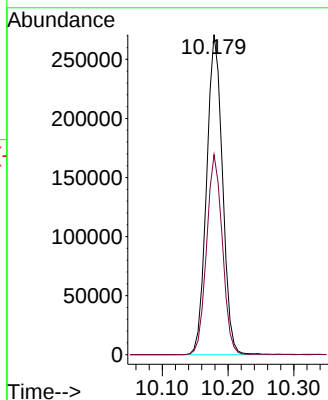
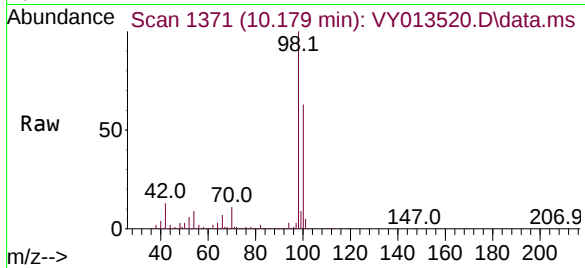




#50
Toluene-d8
Concen: 55.122 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

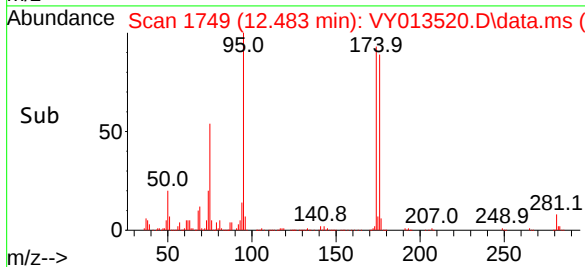
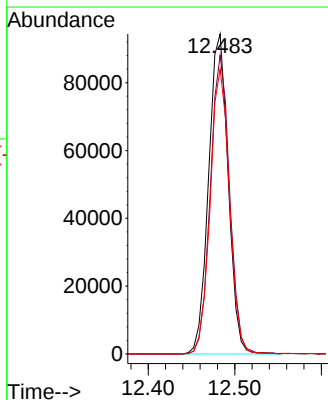
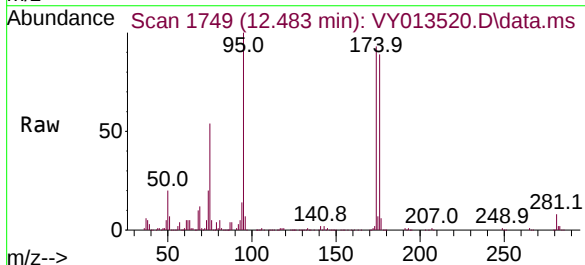
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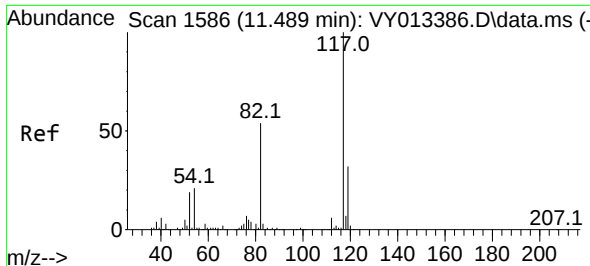
Tgt Ion: 98 Resp: 455285
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

Tgt Ion: 95 Resp: 148008
Ion Ratio Lower Upper
95 100
174 92.2 0.0 182.0
176 87.7 0.0 175.4

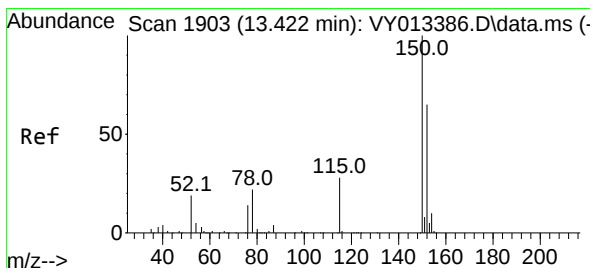
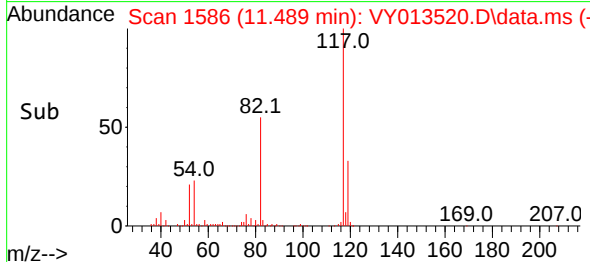
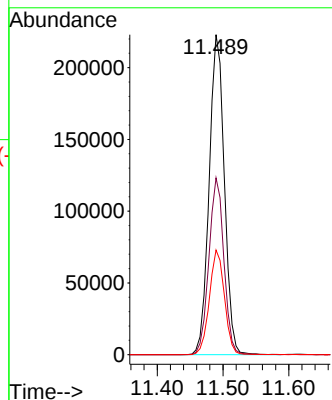
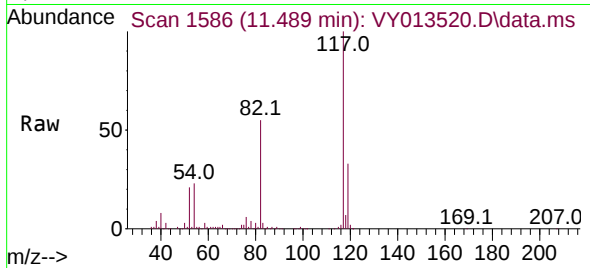




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

Instrument :
MSVOA_Y
ClientSampleId :
BU-512-VOC-02

Tgt Ion:117 Resp: 358697
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013520.D
Acq: 28 Apr 2023 12:57

Tgt Ion:152 Resp: 165321
Ion Ratio Lower Upper
152 100
115 57.5 28.1 84.2
150 160.7 0.0 352.0

