

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009613.D
 Acq On : 20 Jul 2022 15:31
 Operator : KP/MD
 Sample : N3778-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-071922

Quant Time: Jul 21 02:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

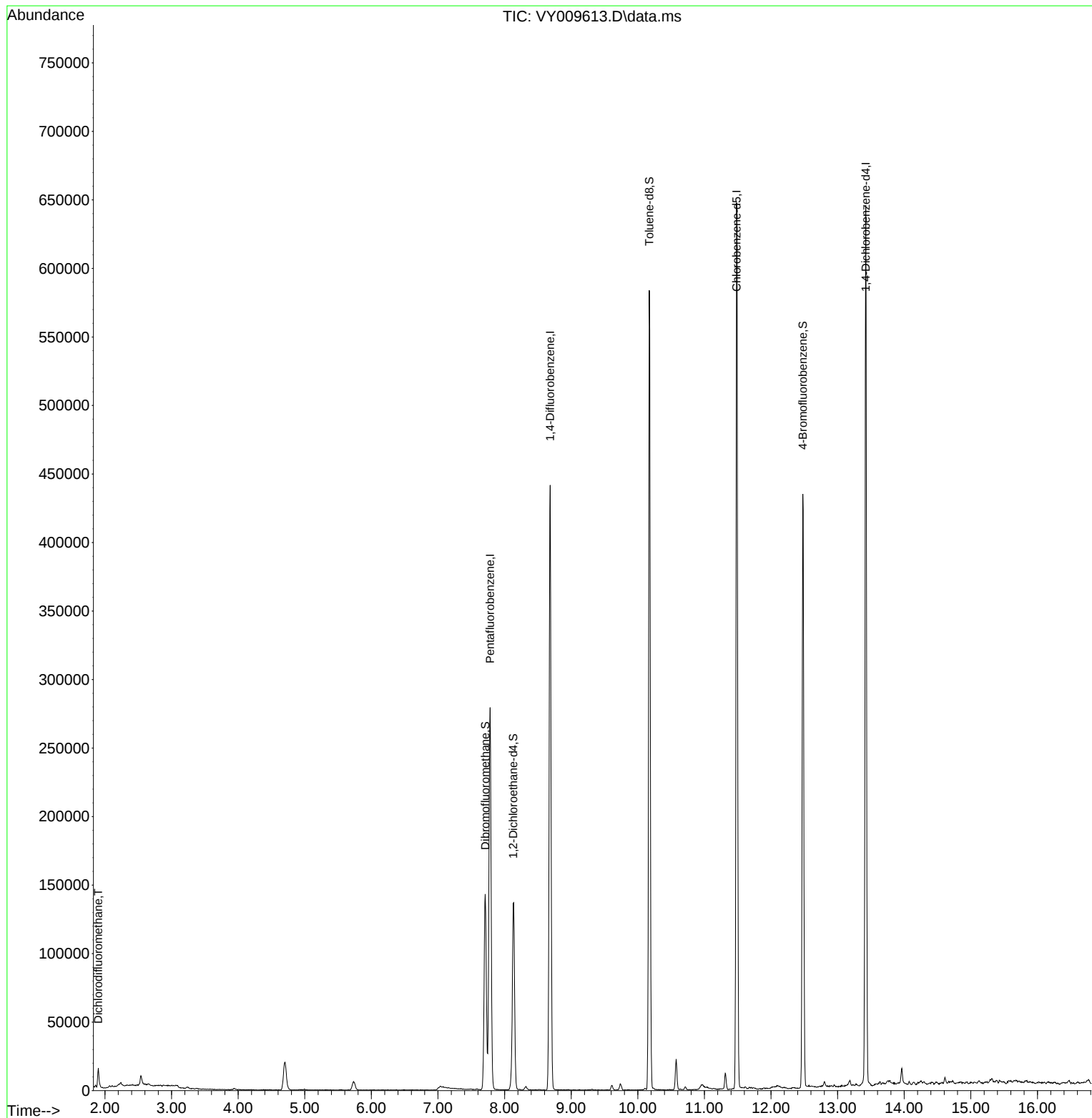
Internal Standards						
1) Pentafluorobenzene	7.783	168	232528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	366072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	104431	47.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.980%
35) Dibromofluoromethane	7.709	113	102349	41.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.840%
50) Toluene-d8	10.172	98	384440	40.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.940%
62) 4-Bromofluorobenzene	12.477	95	126857	41.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.440%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	10988	5.385	ug/l	Qvalue 90

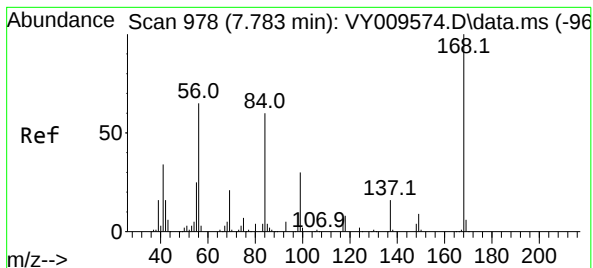
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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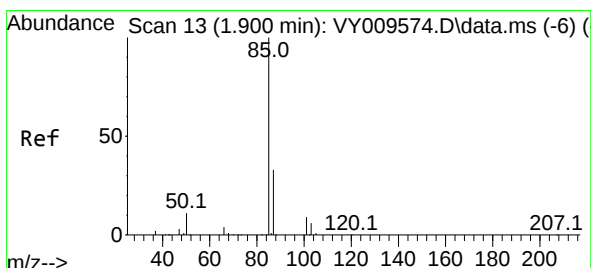
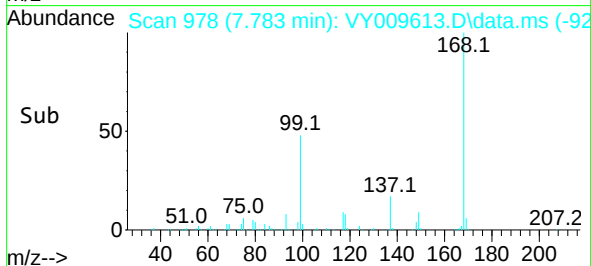
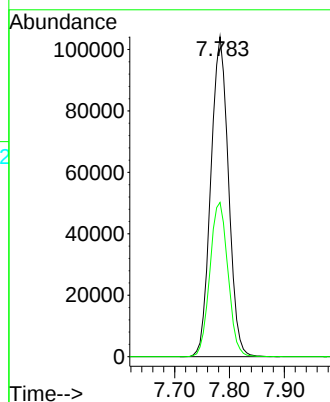
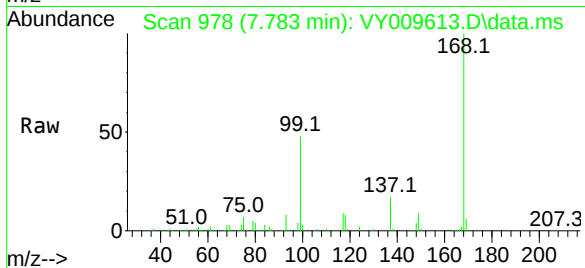




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

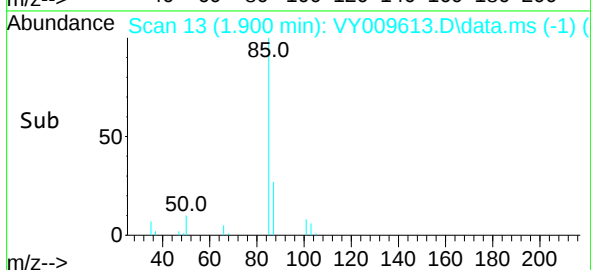
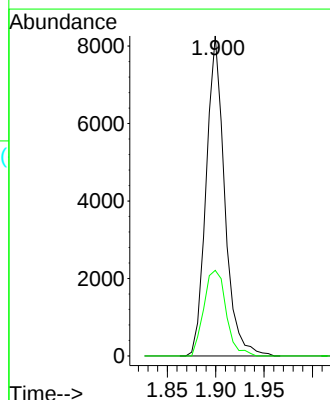
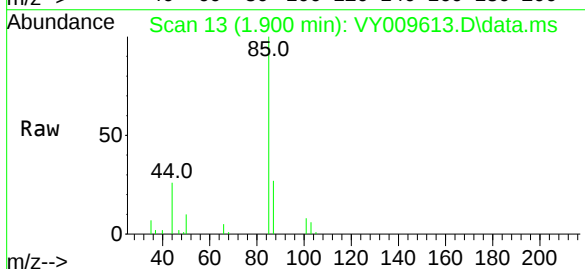
Instrument :
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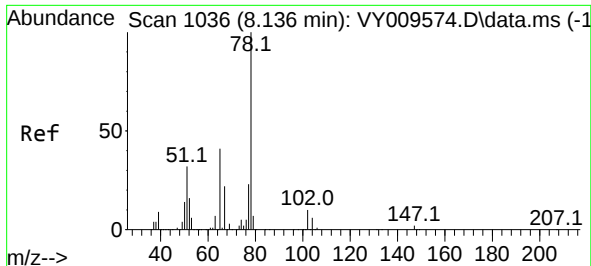
Tgt Ion:168 Resp: 232528
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.385 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 85 Resp: 10988
Ion Ratio Lower Upper
85 100
87 26.8 16.1 48.2

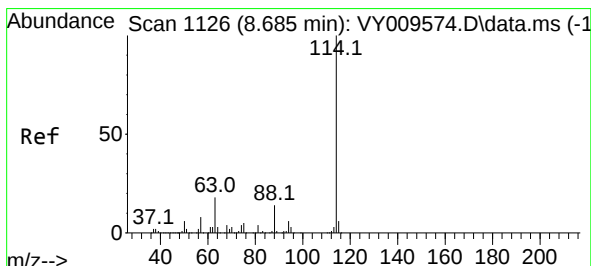
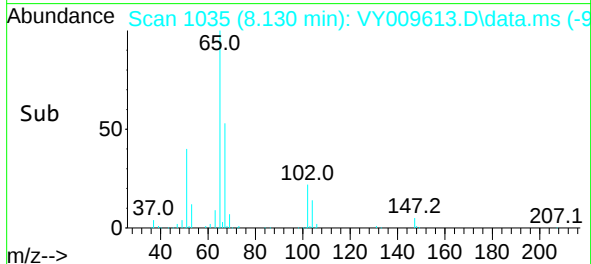
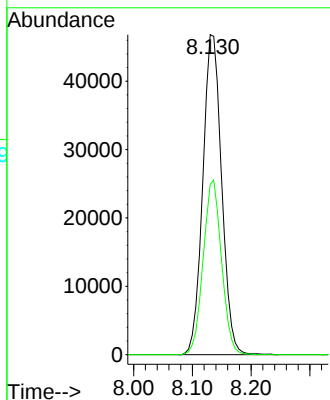
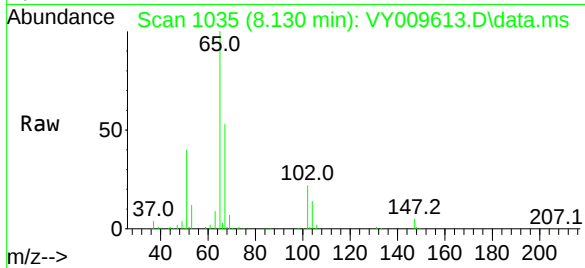




#33
 1,2-Dichloroethane-d4
 Concen: 47.487 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009613.D
 Acq: 20 Jul 2022 15:31

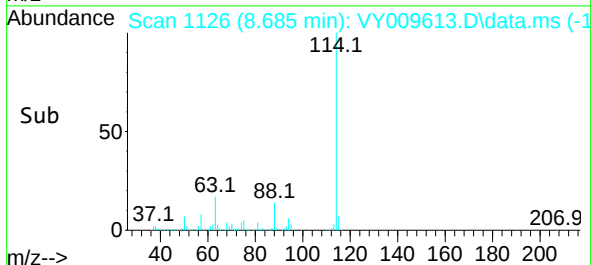
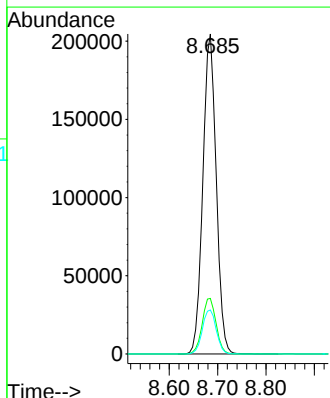
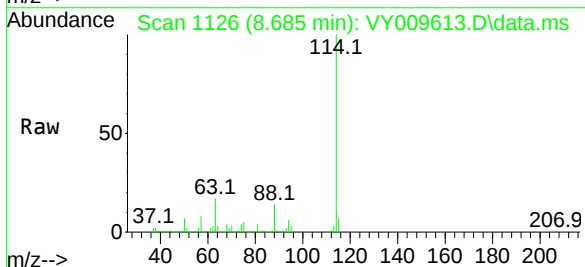
Instrument :
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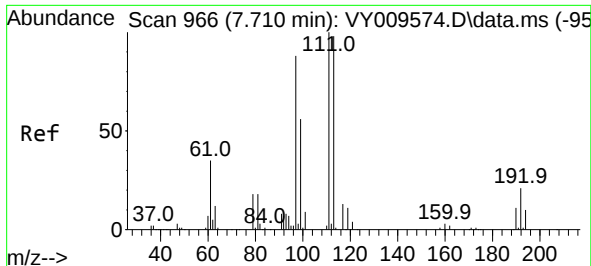
Tgt Ion: 65 Resp: 104431
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009613.D
 Acq: 20 Jul 2022 15:31

Tgt Ion: 114 Resp: 392183
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 43.2
 88 13.7 0.0 31.8

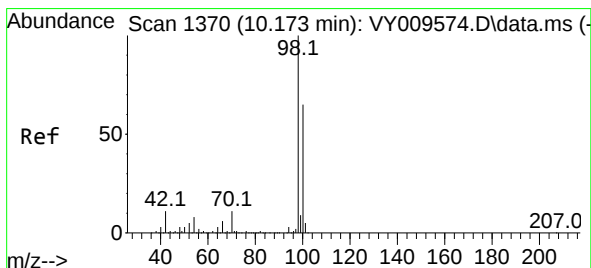
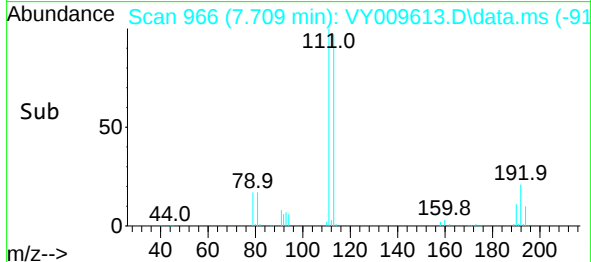
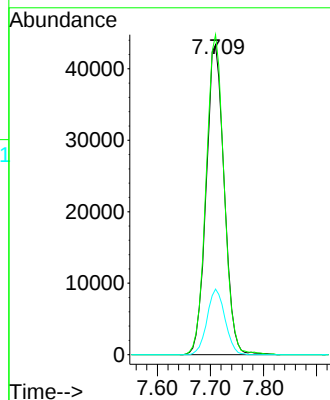
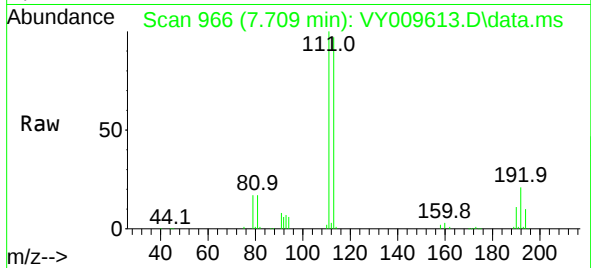




#35
Dibromofluoromethane
Concen: 41.424 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

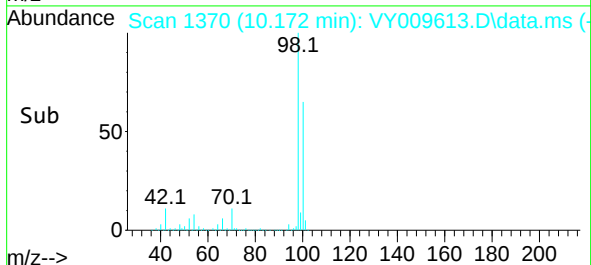
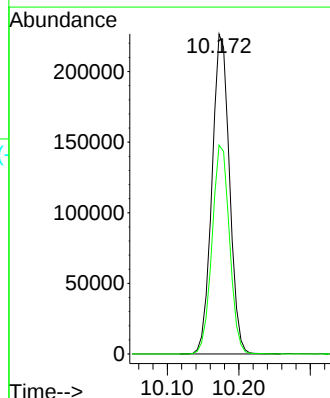
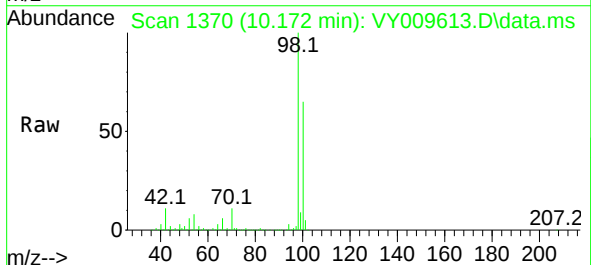
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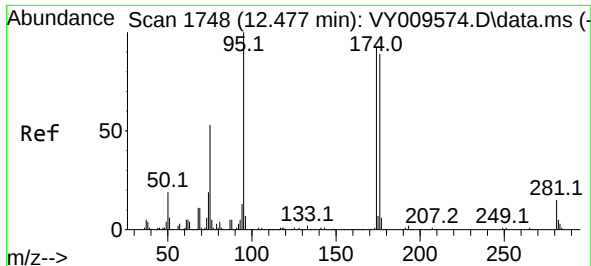
Tgt Ion:113 Resp: 102349
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 21.0 17.6 26.4



#50
Toluene-d8
Concen: 40.475 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 98 Resp: 384440
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

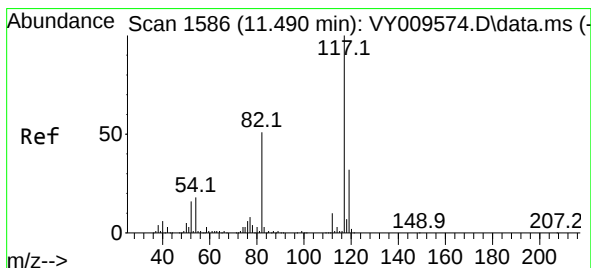
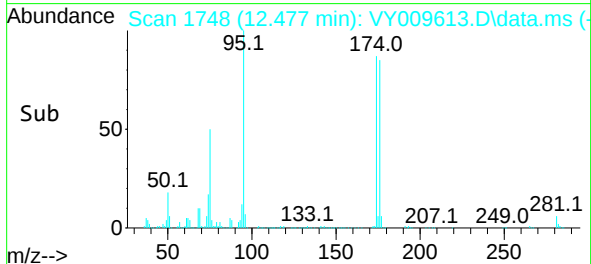
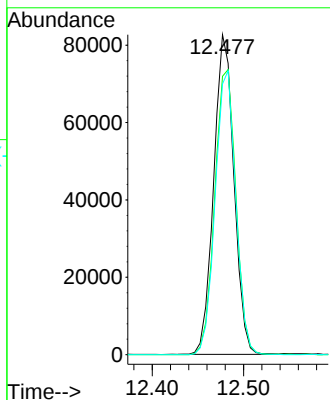
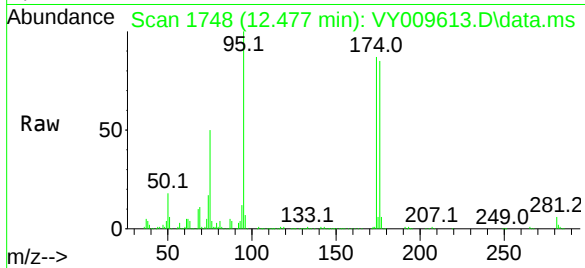




#62
4-Bromofluorobenzene
Concen: 41.218 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

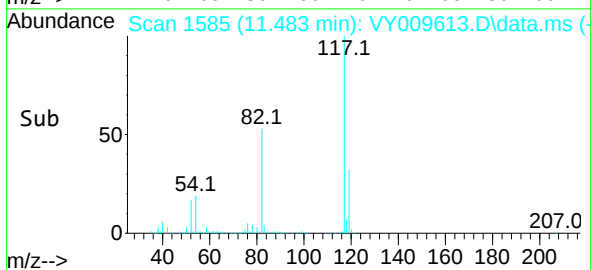
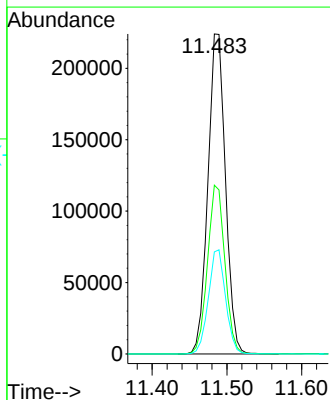
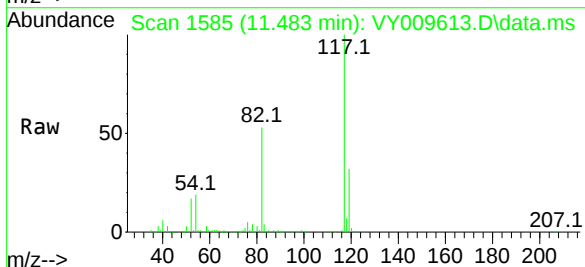
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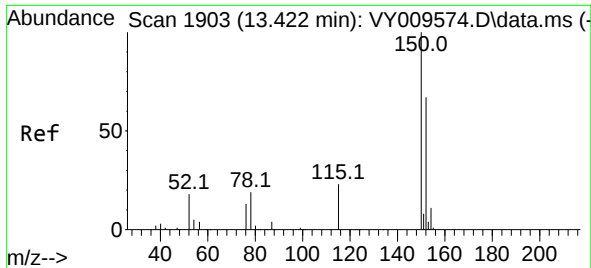
Tgt Ion: 95 Resp: 126857
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 90.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009613.D
Acq: 20 Jul 2022 15:31

Tgt Ion: 117 Resp: 366072
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009613.D

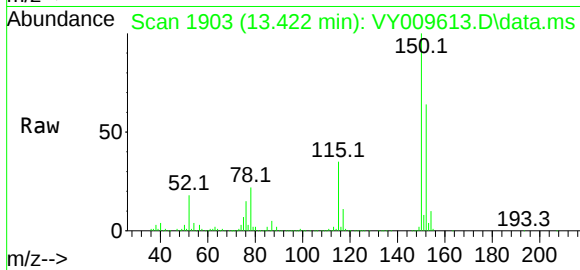
Acq: 20 Jul 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-071922



Tgt Ion:152 Resp: 172474

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 156.3 0.0 347.6

