

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008523.D
 Acq On : 27 Apr 2022 13:37
 Operator : KP/MD
 Sample : N2577-02
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-08-(25-30)

Quant Time: Apr 28 01:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	75304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63863	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45904	51.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.620%
35) Dibromofluoromethane	7.716	113	45428	50.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.185	98	174903	48.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.483	95	64855	53.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.060%

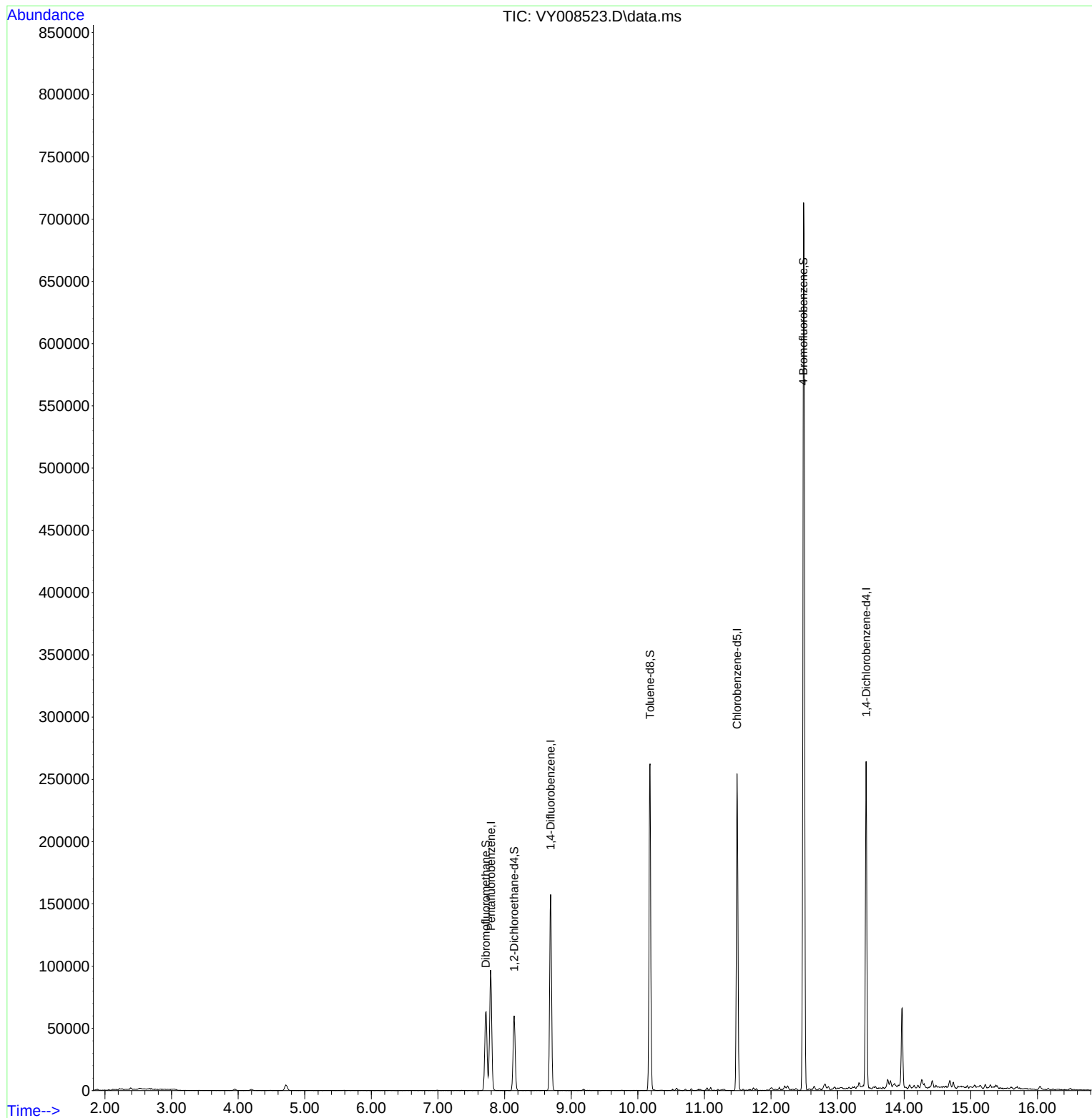
Target Compounds	Qvalue

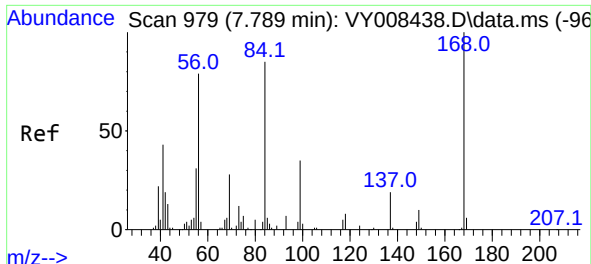
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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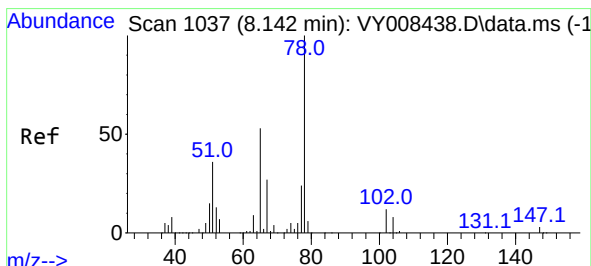
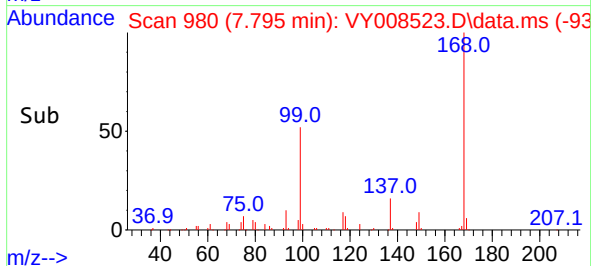
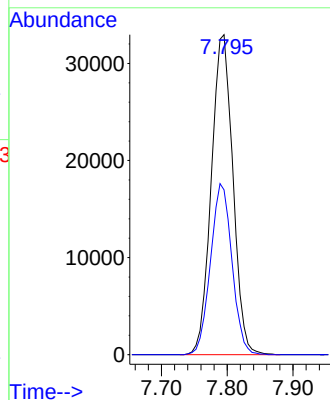
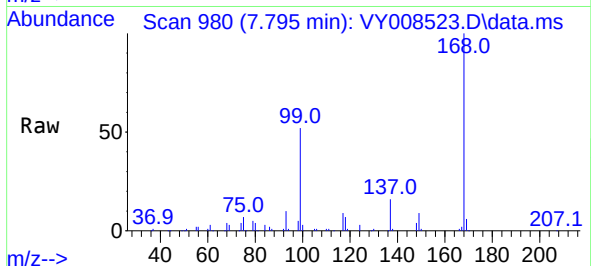




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

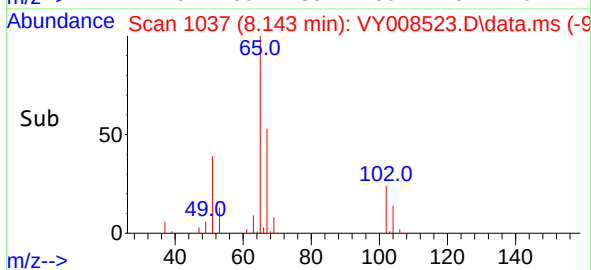
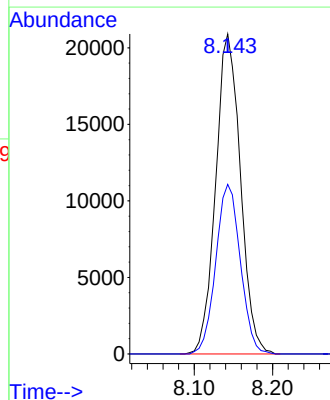
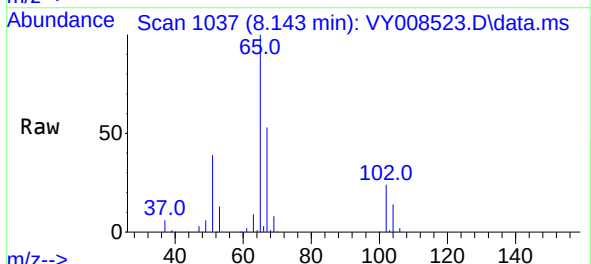
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)

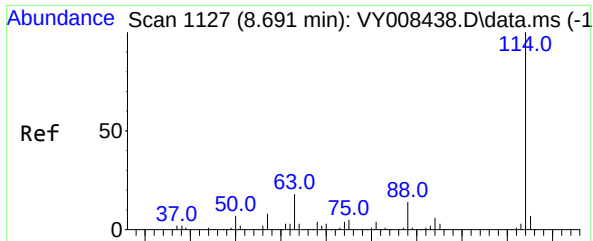
Tgt Ion:168 Resp: 75304
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.808 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion: 65 Resp: 45904
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

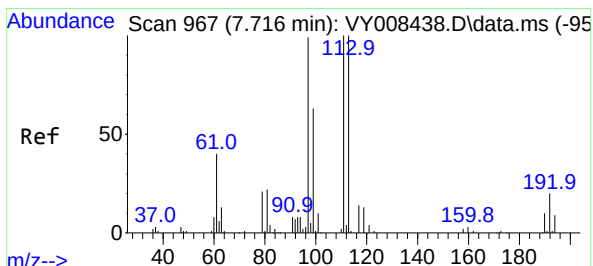
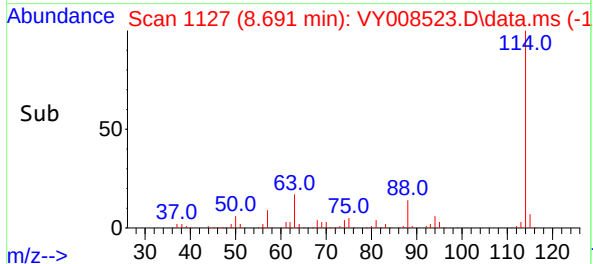
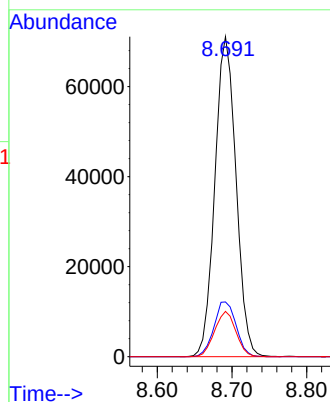
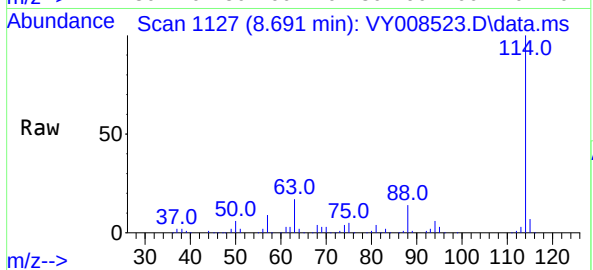




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

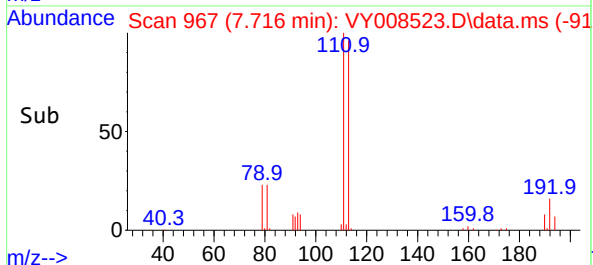
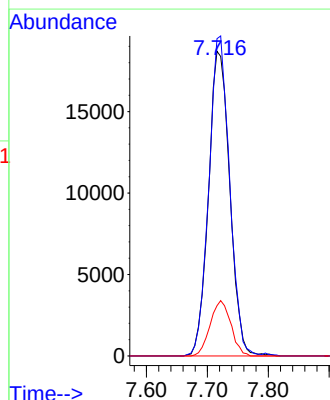
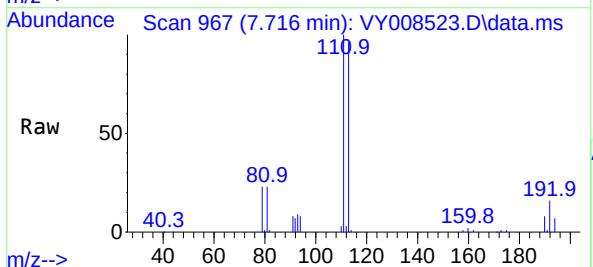
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ClientSampleId :
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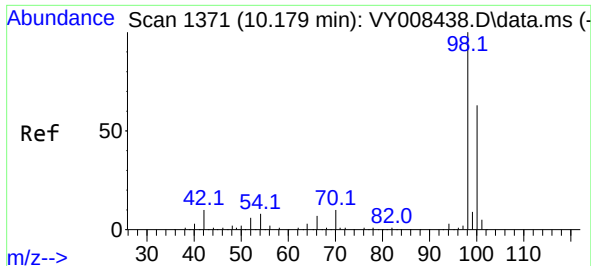
Tgt Ion:114 Resp: 139403
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion:113 Resp: 45428
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 17.6 17.6 26.4

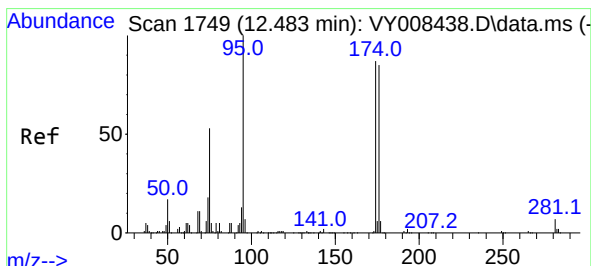
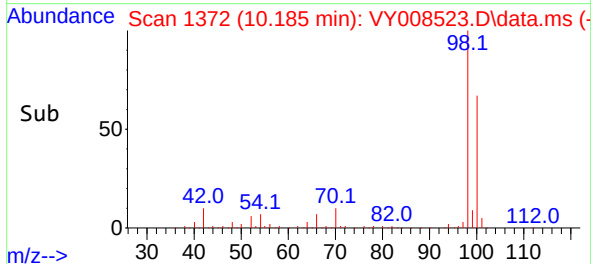
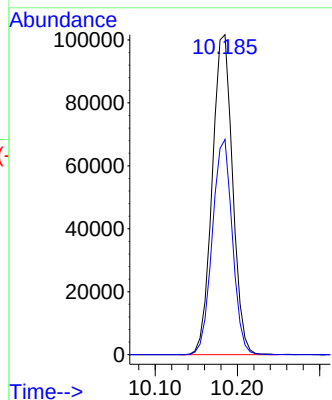
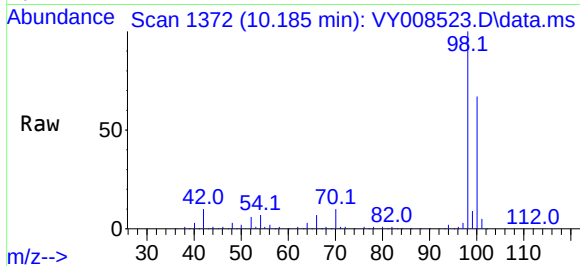




#50
Toluene-d8
Concen: 48.835 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

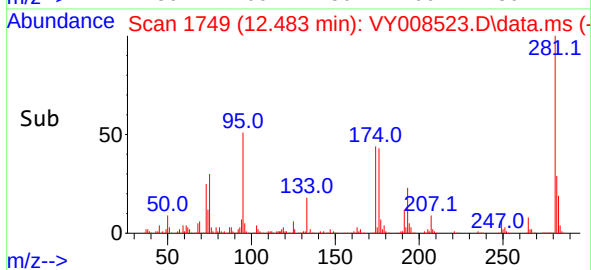
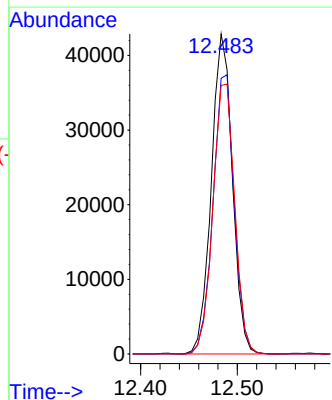
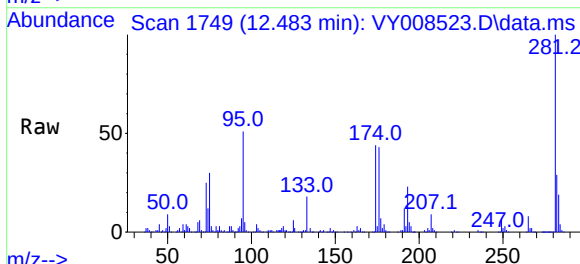
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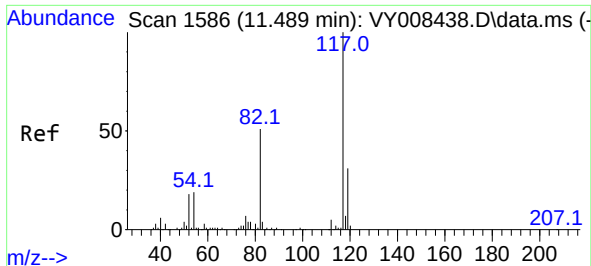
Tgt Ion: 98 Resp: 174903
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

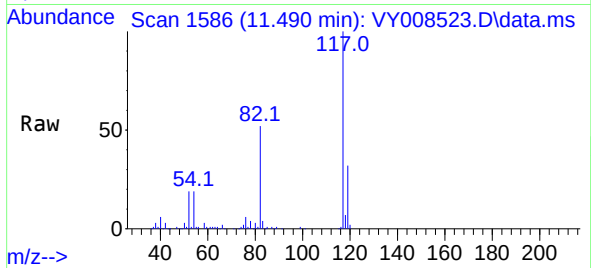
Tgt Ion: 95 Resp: 64855
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 87.4 0.0 175.8



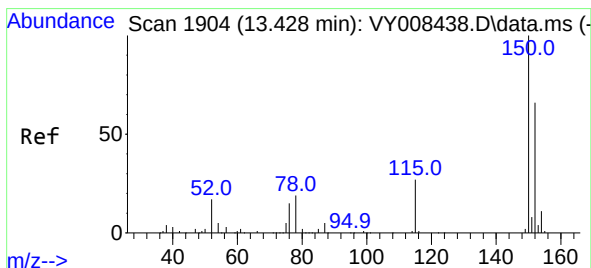
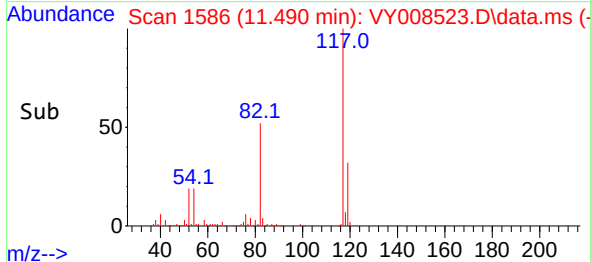
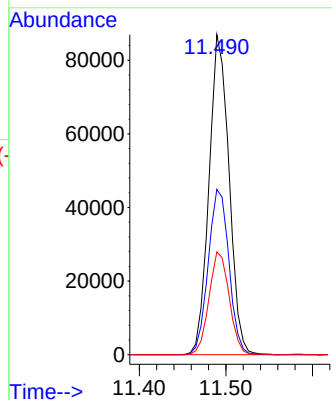


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)



Tgt Ion:117 Resp: 139734
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion:152 Resp: 63863
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.5 0.0 347.6

