

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021023\
 Data File : VY012574.D
 Acq On : 10 Feb 2023 11:57
 Operator : KP/MD
 Sample : 01432-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

Quant Time: Feb 10 12:27:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	204507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75584	48.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.600%
35) Dibromofluoromethane	7.716	113	62069	41.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.360%
50) Toluene-d8	10.179	98	242517	39.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.240%
62) 4-Bromofluorobenzene	12.483	95	82271	38.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.100%

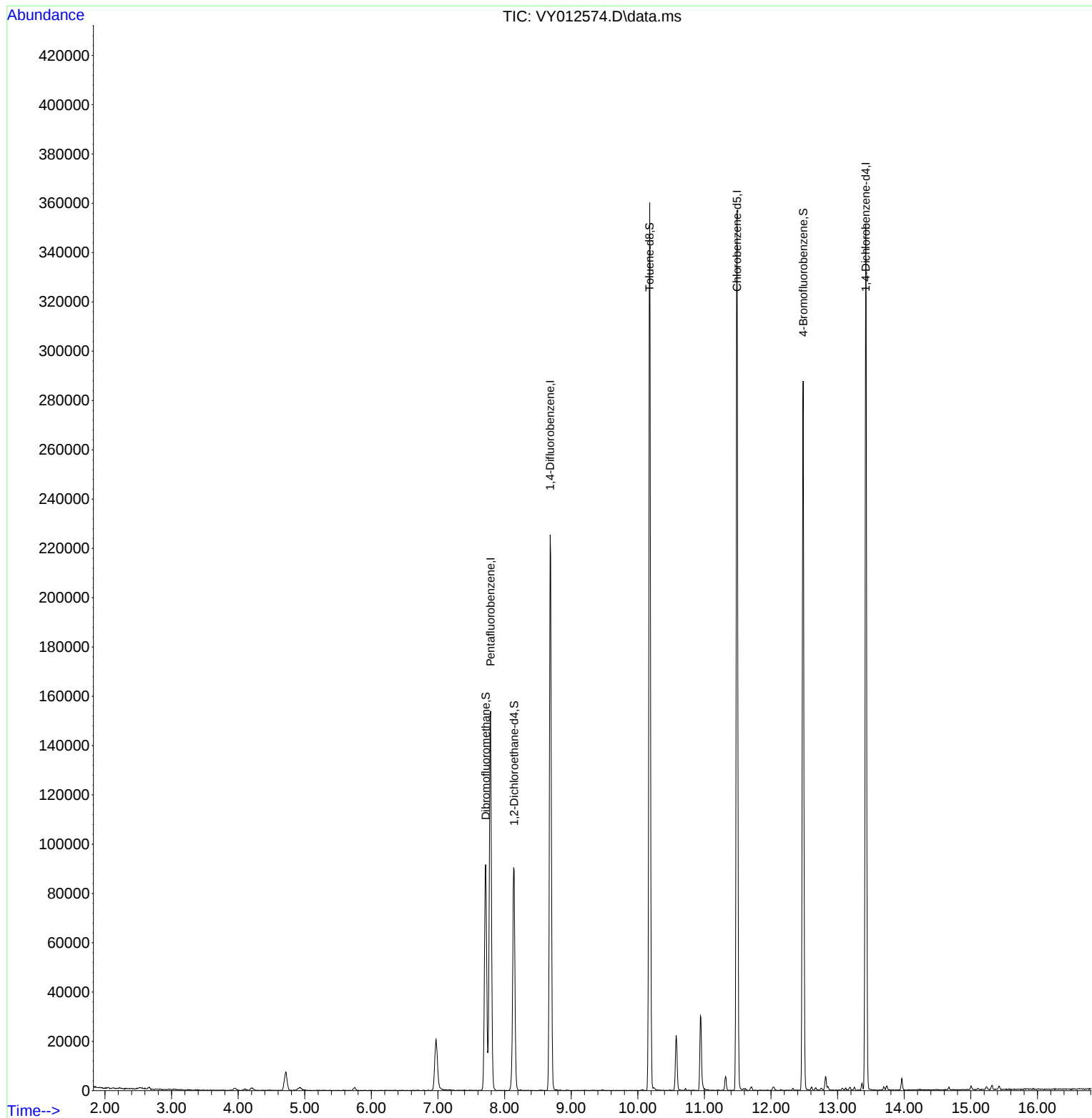
Target Compounds	Qvalue

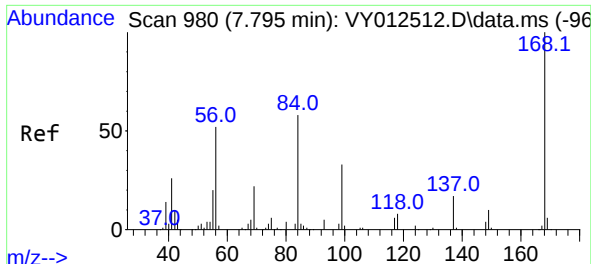
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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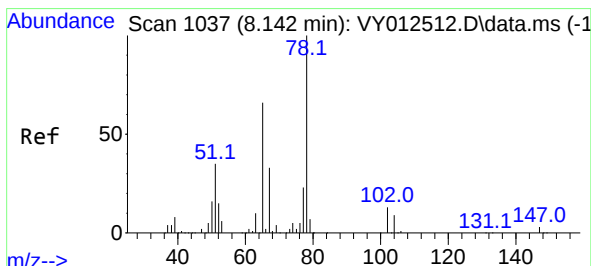
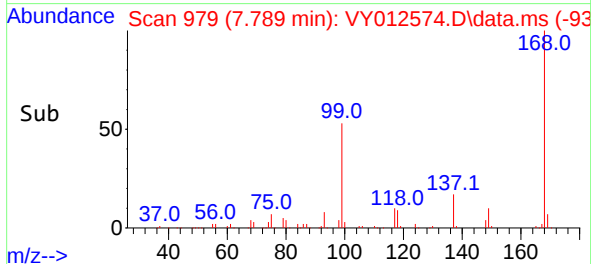
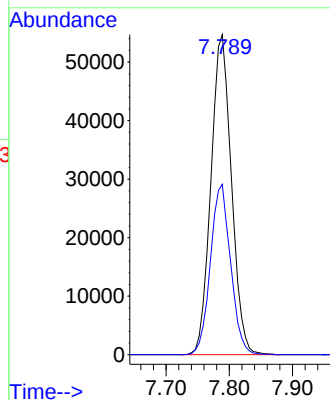
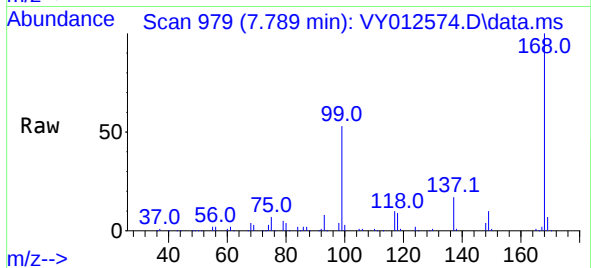




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

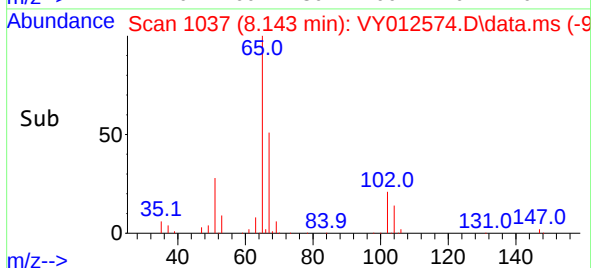
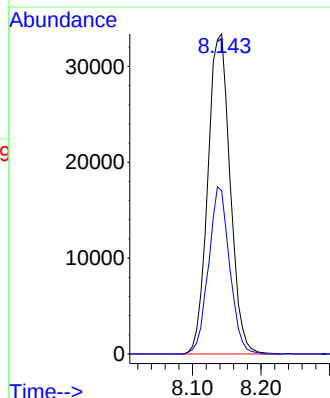
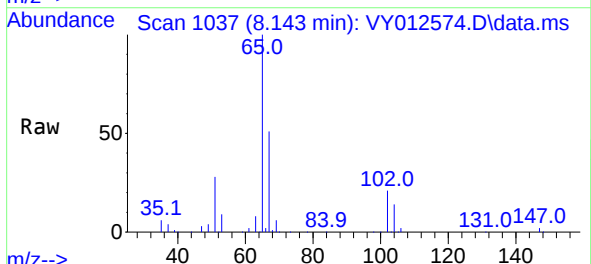
Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

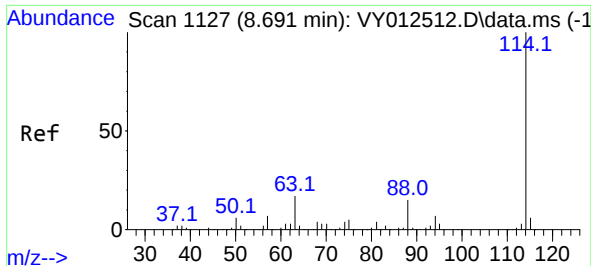
Tgt Ion:168 Resp: 123050
Ion Ratio Lower Upper
168 100
99 53.2 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 48.305 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

Tgt Ion: 65 Resp: 75584
Ion Ratio Lower Upper
65 100
67 49.3 0.0 98.6

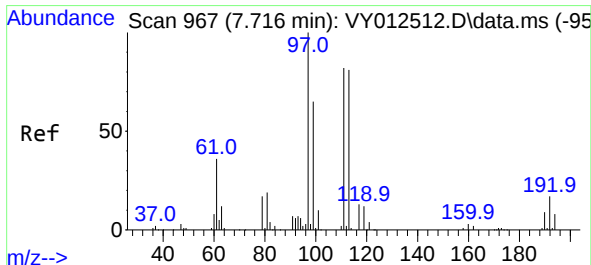
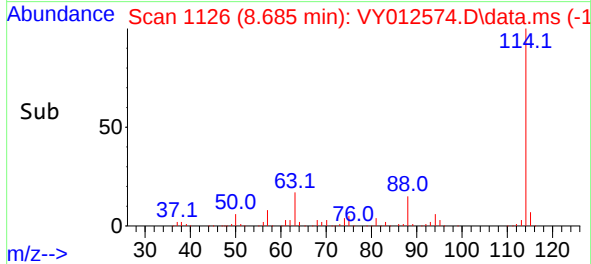
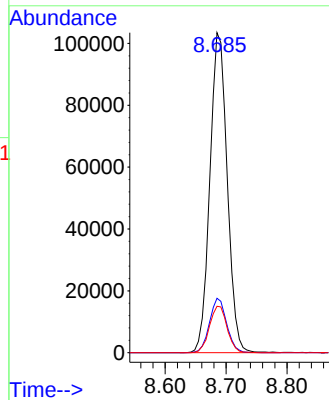
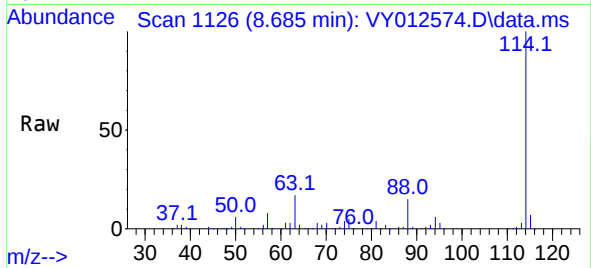




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

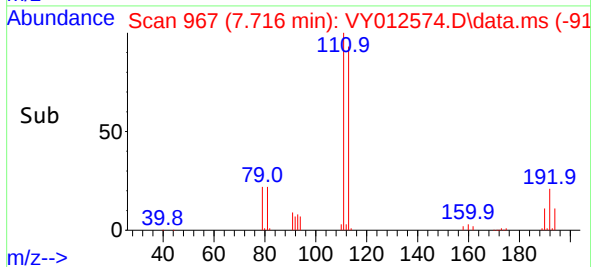
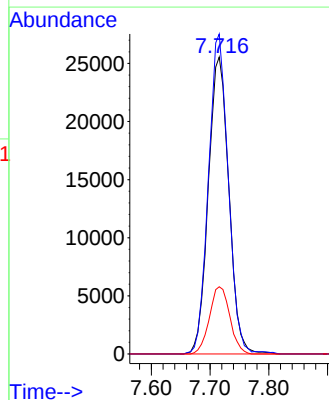
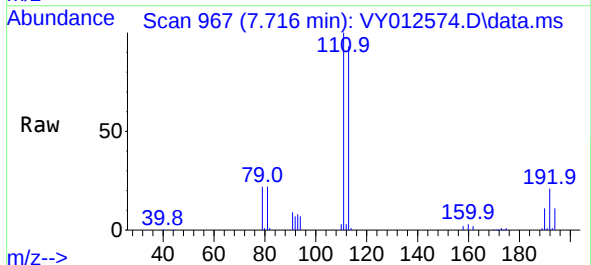
Instrument : MSVOA_Y
ClientSampleId : DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

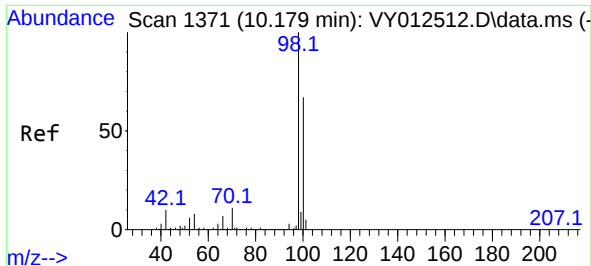
Tgt Ion:114 Resp: 204507
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.6
88 14.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 41.675 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

Tgt Ion:113 Resp: 62069
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 22.5 17.5 26.3

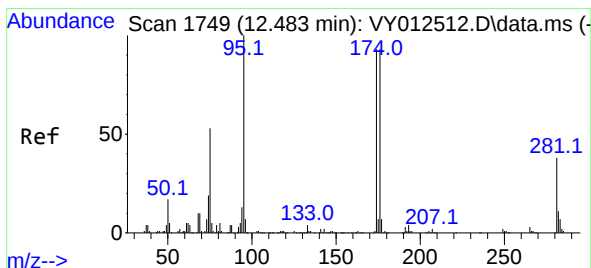
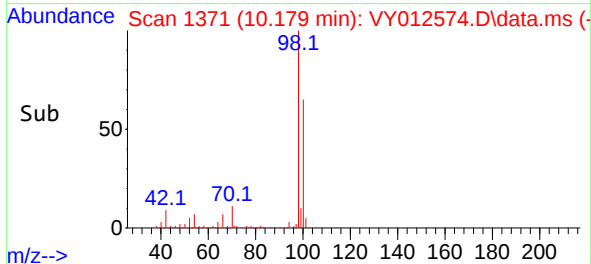
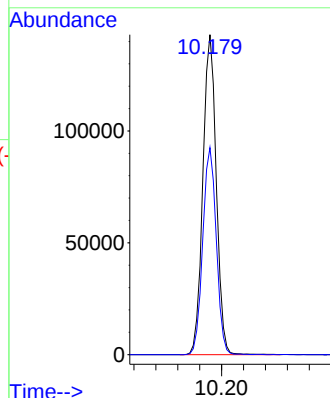
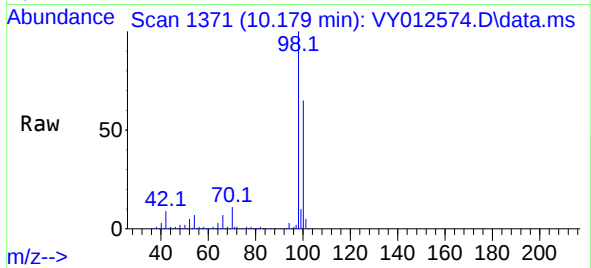




#50
Toluene-d8
Concen: 39.122 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

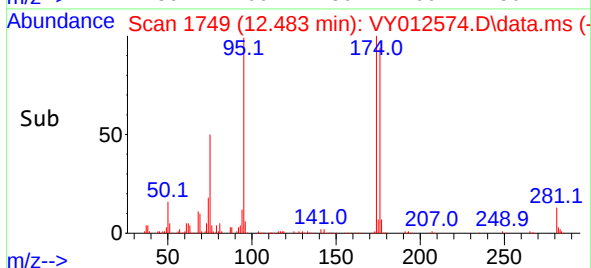
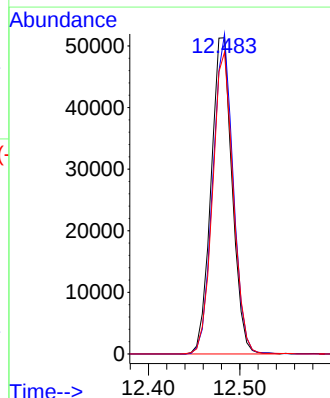
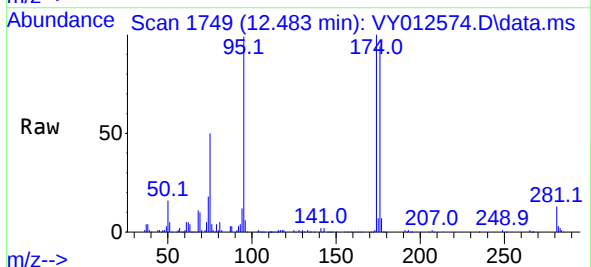
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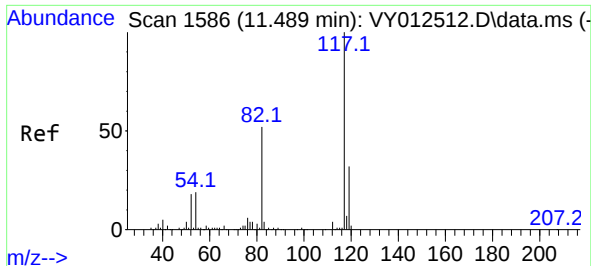
Tgt Ion: 98 Resp: 242517
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

Tgt Ion: 95 Resp: 82271
Ion Ratio Lower Upper
95 100
174 97.1 0.0 188.0
176 93.6 0.0 183.6

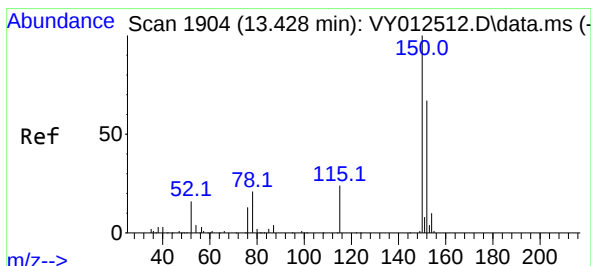
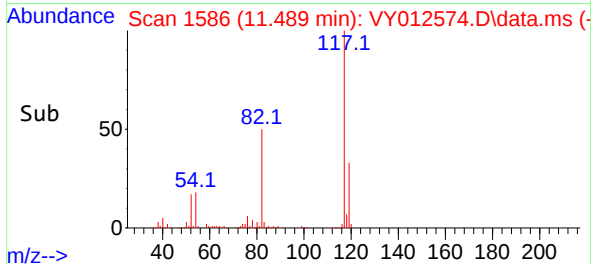
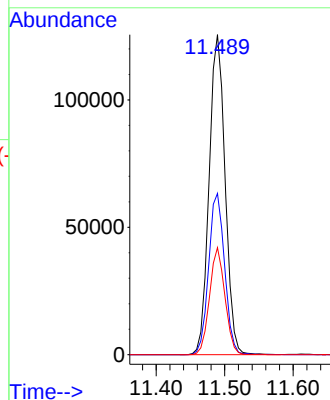
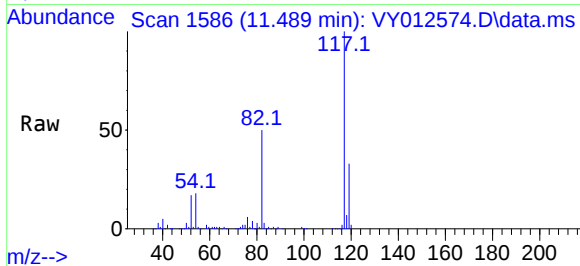




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 203857
Ion Ratio Lower Upper
117 100
82 50.4 41.7 62.5
119 33.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012574.D
Acq: 10 Feb 2023 11:57

Tgt Ion:152 Resp: 96236
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.3
150 157.9 0.0 351.0

