

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012643.D
 Acq On : 17 Feb 2023 12:11
 Operator : KP/MD
 Sample : 01582-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LEONIA-TRENCH-LINE

Quant Time: Feb 17 14:58:58 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	43551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25062	45.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.500%
35) Dibromofluoromethane	7.716	113	20087	40.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.180%
50) Toluene-d8	10.179	98	78453	38.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.180%
62) 4-Bromofluorobenzene	12.483	95	24157	33.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.240%

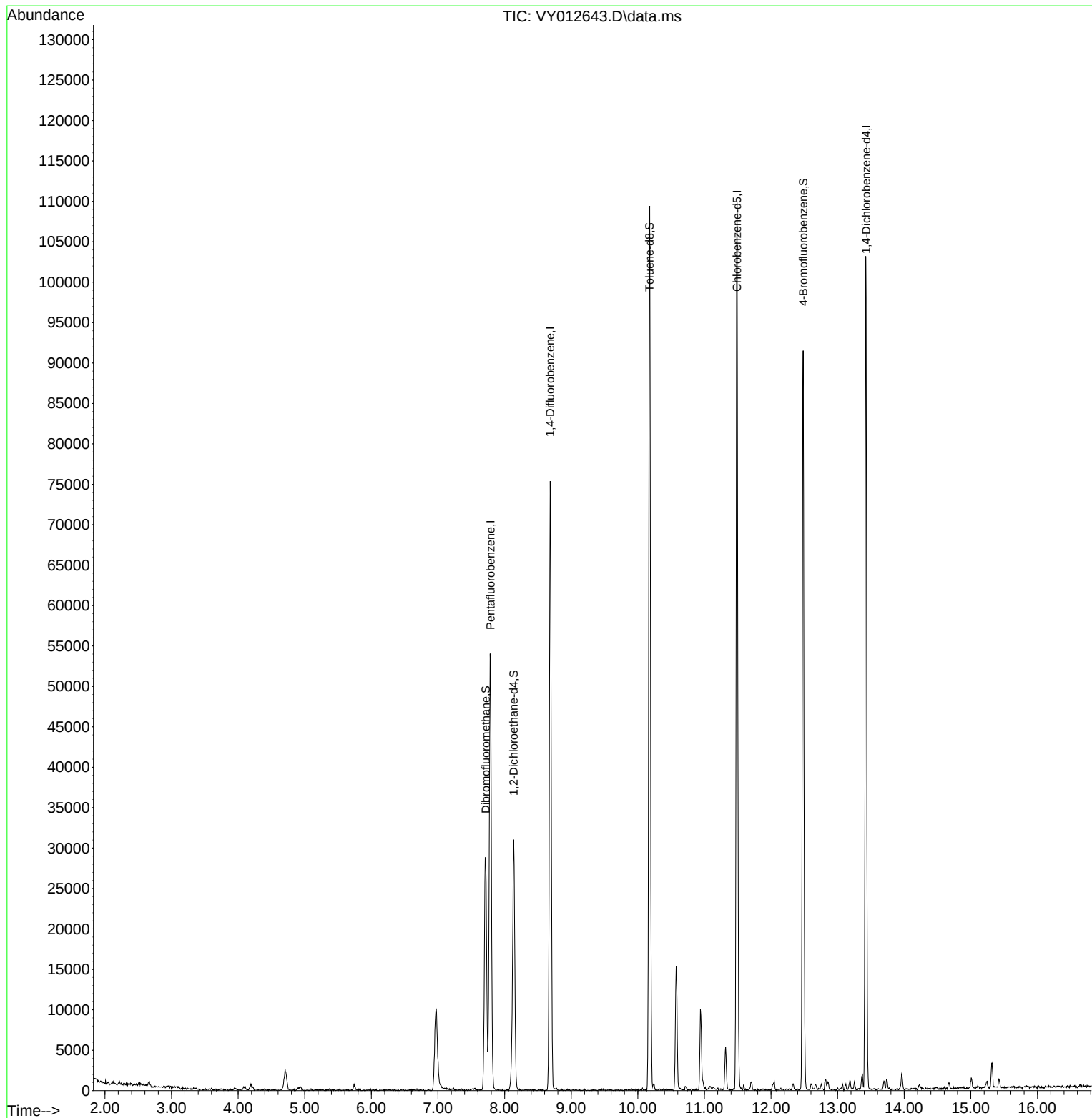
Target Compounds	Qvalue

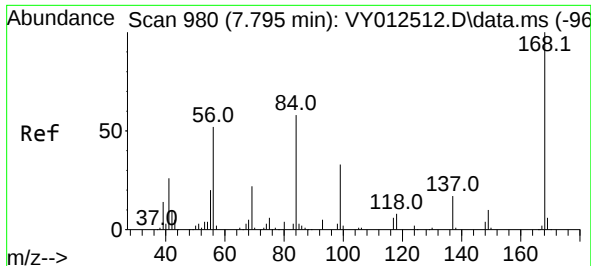
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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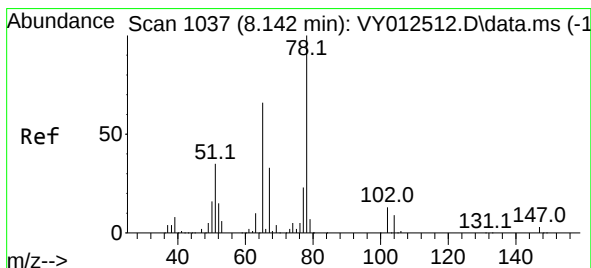
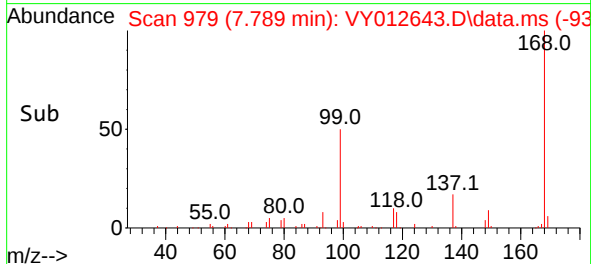
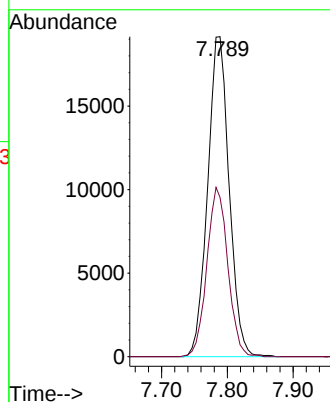
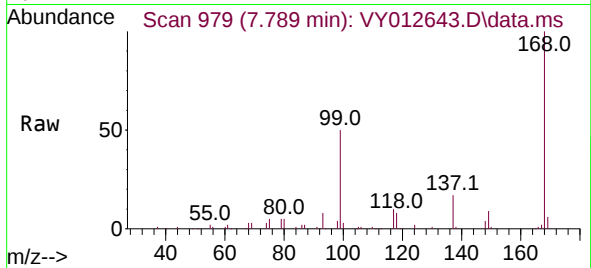




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012643.D
Acq: 17 Feb 2023 12:11

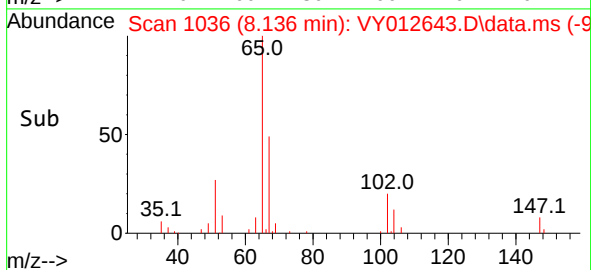
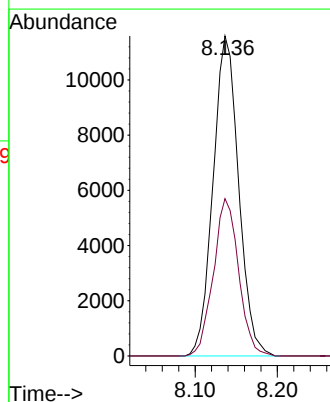
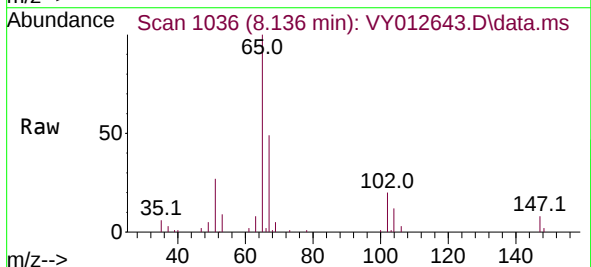
Instrument :
MSVOA_Y
ClientSampleId :
LEONIA-TRENCH-LINE

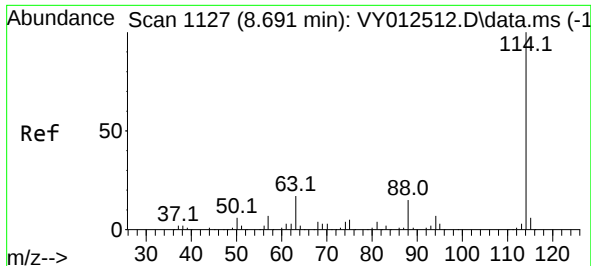
Tgt Ion:168 Resp: 43551
Ion Ratio Lower Upper
168 100
99 49.7 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 45.254 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012643.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 65 Resp: 25062
Ion Ratio Lower Upper
65 100
67 48.5 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: VY012643.D

Acq: 17 Feb 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

LEONIA-TRENCH-LINE

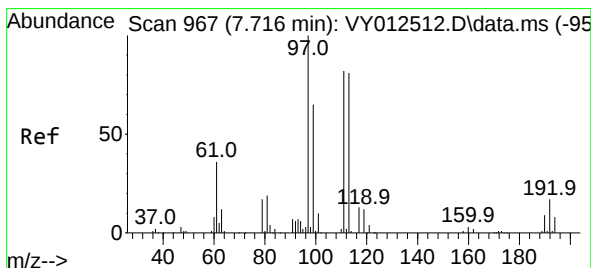
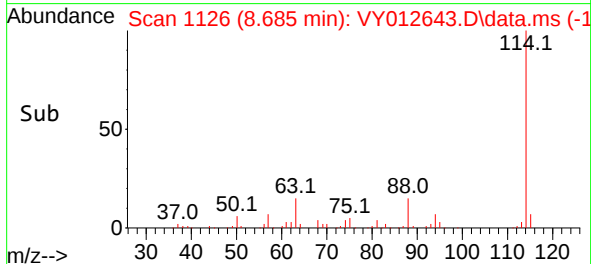
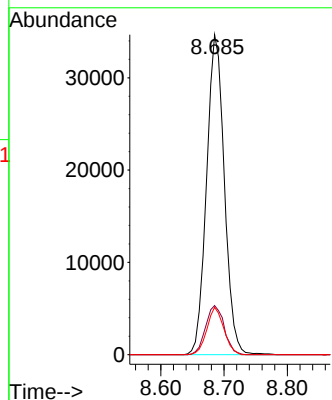
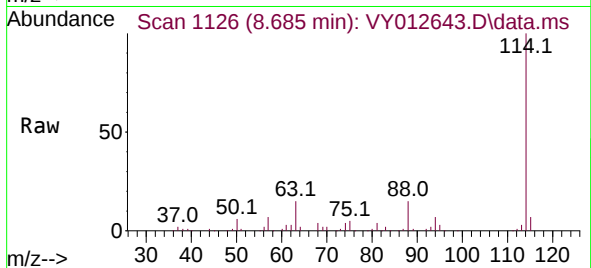
Tgt Ion:114 Resp: 67950

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.6

88 14.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.592 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012643.D

Acq: 17 Feb 2023 12:11

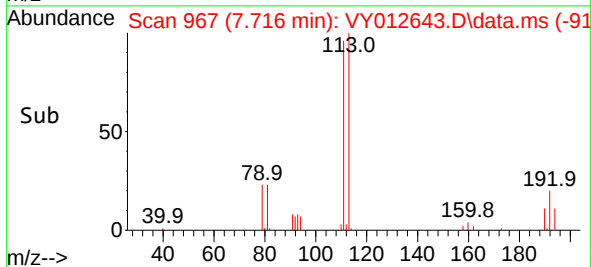
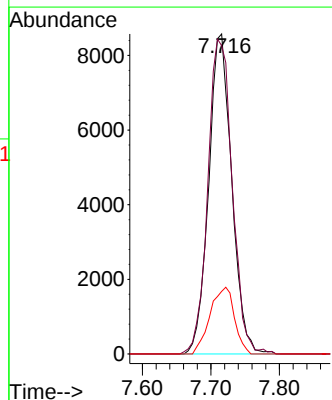
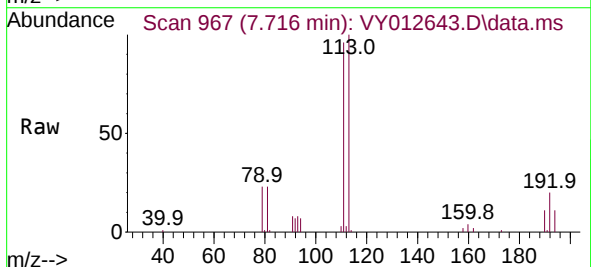
Tgt Ion:113 Resp: 20087

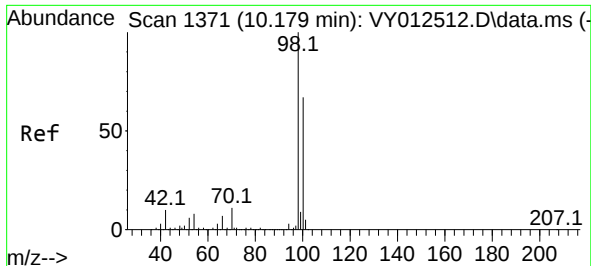
Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 22.0 17.5 26.3

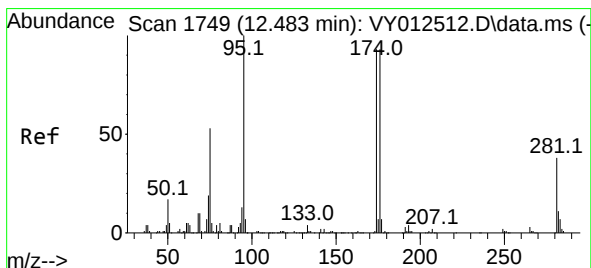
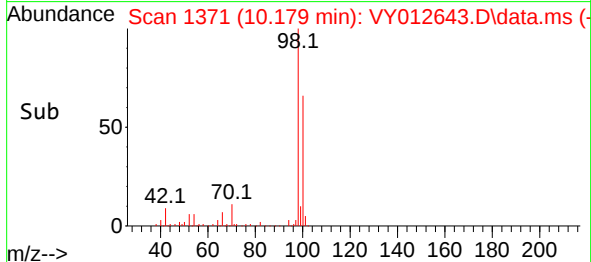
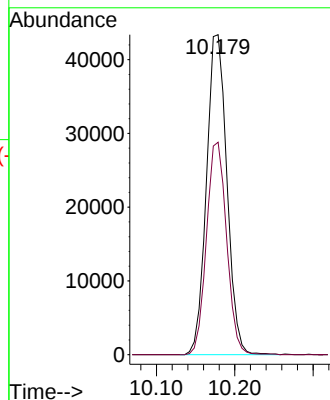
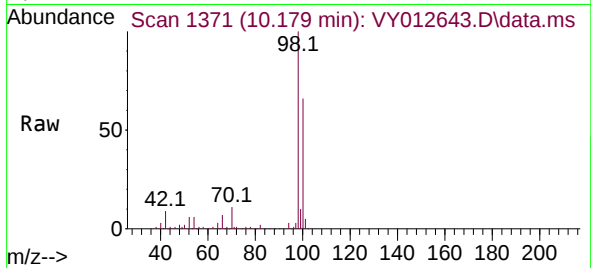




#50
Toluene-d8
Concen: 38.089 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012643.D
Acq: 17 Feb 2023 12:11

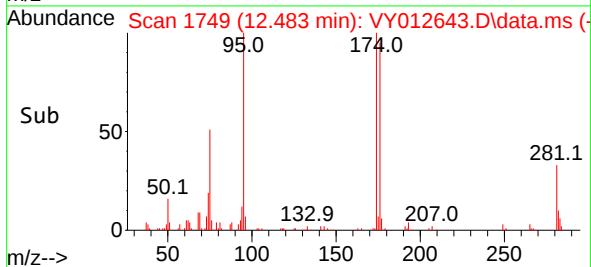
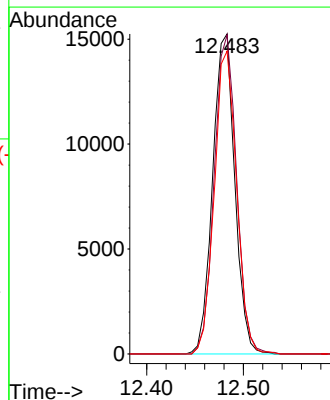
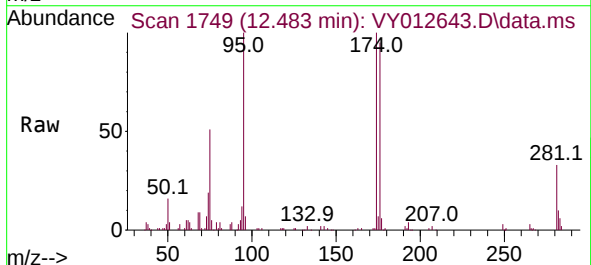
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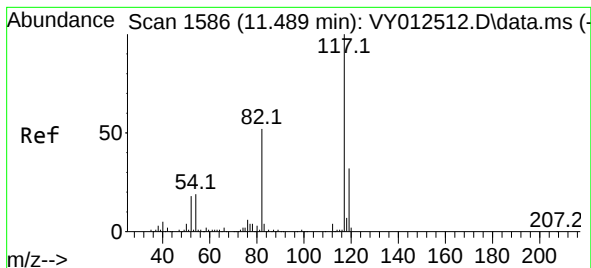
Tgt Ion: 98 Resp: 78453
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 33.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012643.D
Acq: 17 Feb 2023 12:11

Tgt Ion: 95 Resp: 24157
Ion Ratio Lower Upper
95 100
174 100.4 0.0 188.0
176 95.5 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: VY012643.D

Acq: 17 Feb 2023 12:11

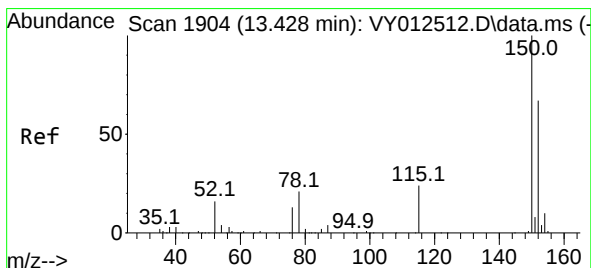
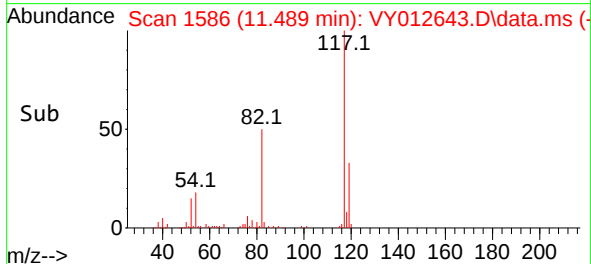
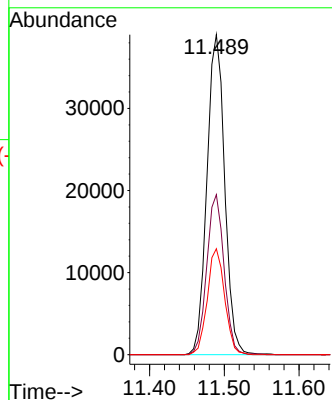
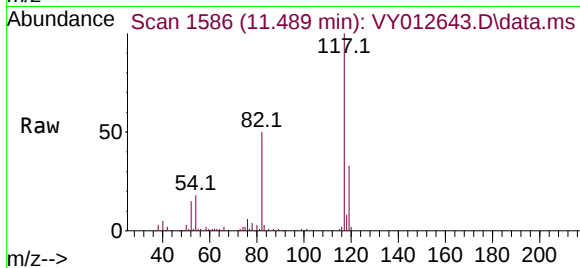
Instrument :

MSVOA_Y

ClientSampleId :

LEONIA-TRENCH-LINE

Tgt Ion:117	Resp:	64312
Ion	Ratio	Lower Upper
117	100	
82	50.0	41.7 62.5
119	33.1	25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012643.D

Acq: 17 Feb 2023 12:11

Tgt Ion:152	Resp:	28795
Ion	Ratio	Lower Upper
152	100	
115	54.2	28.1 84.3
150	162.1	0.0 351.0

