

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012485.D
 Acq On : 03 Feb 2023 18:21
 Operator : KP/MD
 Sample : 01413-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-020223

Quant Time: Feb 04 00:14:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

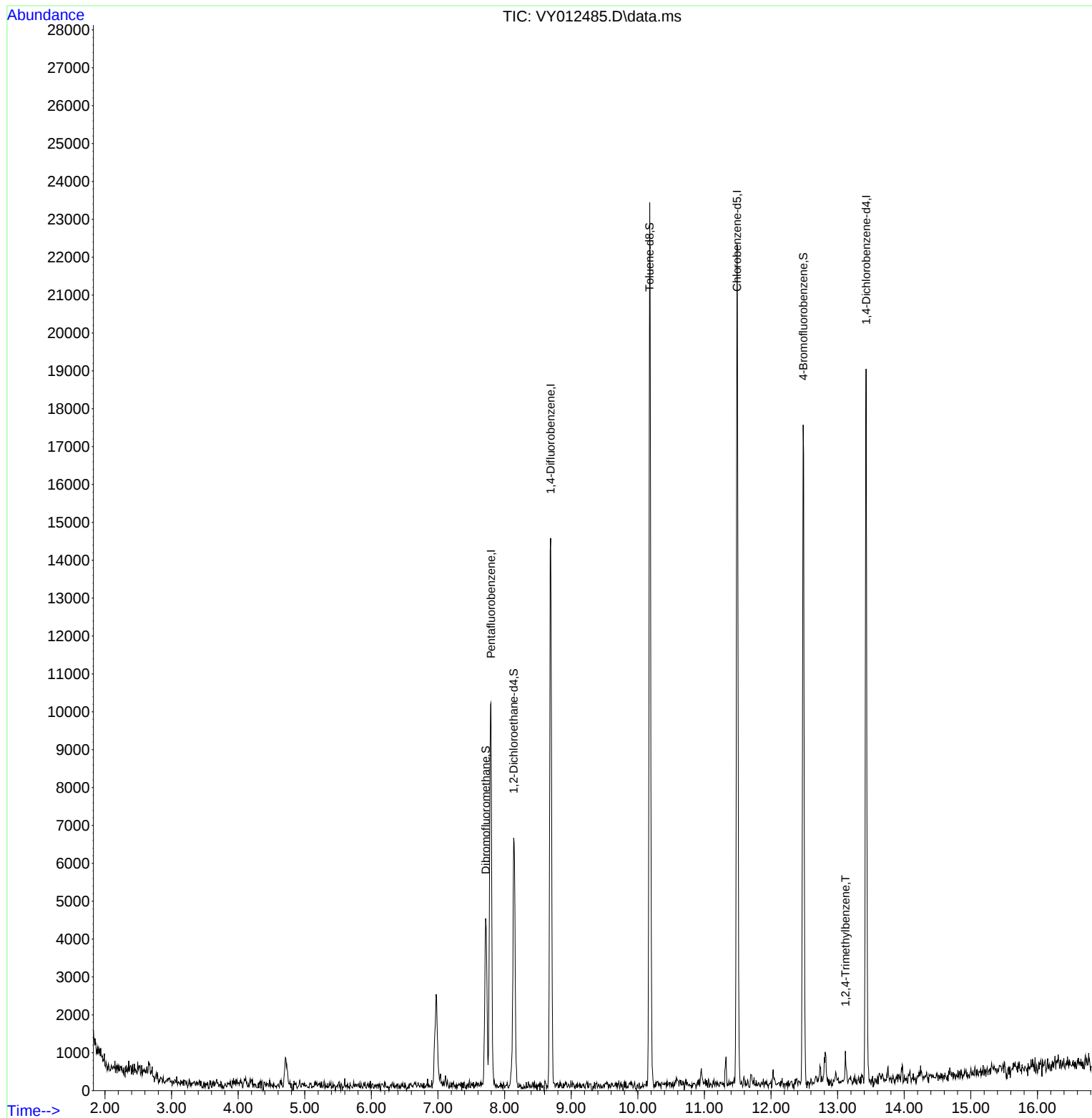
Internal Standards						
1) Pentafluorobenzene	7.795	168	8708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5381	76.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.300%
35) Dibromofluoromethane	7.716	113	3249	44.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.520%
50) Toluene-d8	10.179	98	16140	64.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.460%
62) 4-Bromofluorobenzene	12.483	95	4751	45.906	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.820%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	566	1.717	ug/l	Qvalue 89

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

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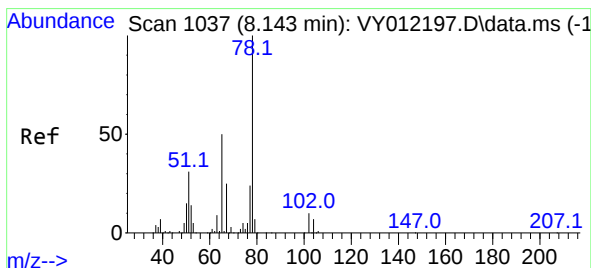
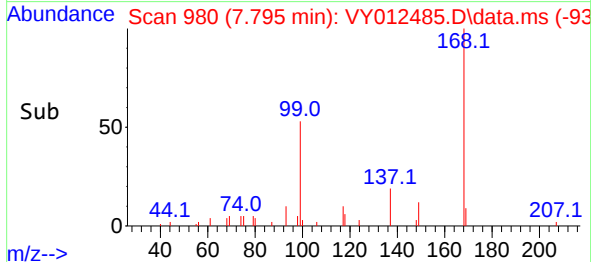
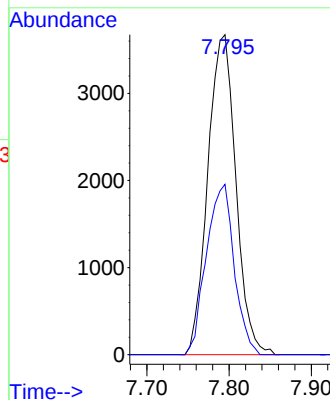
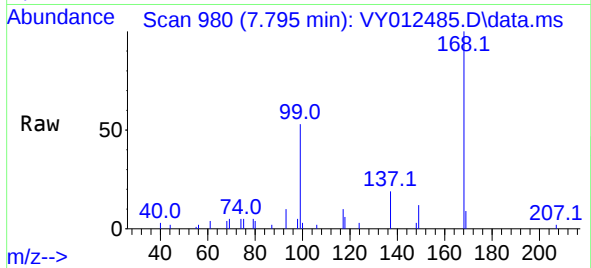




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012485.D
Acq: 03 Feb 2023 18:21

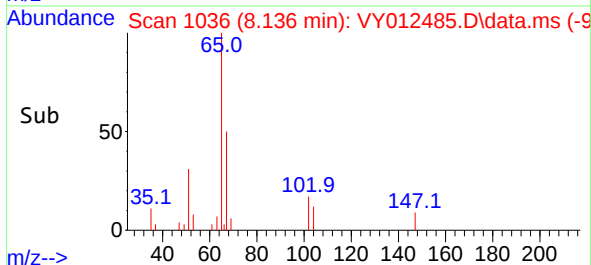
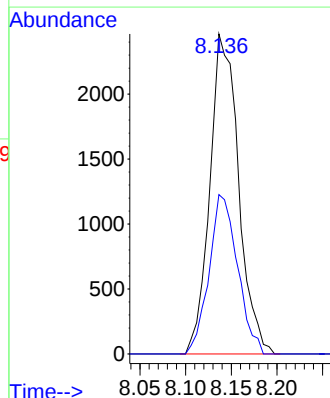
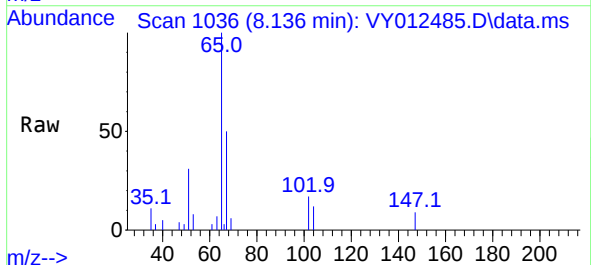
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-020223

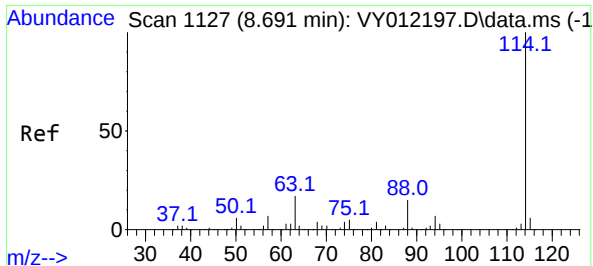
Tgt Ion:168 Resp: 8708
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.646 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012485.D
Acq: 03 Feb 2023 18:21

Tgt Ion: 65 Resp: 5381
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012485.D

Acq: 03 Feb 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TR-5-020223

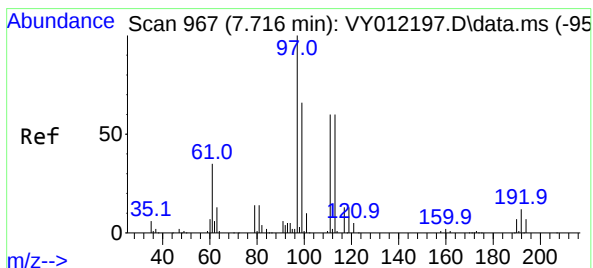
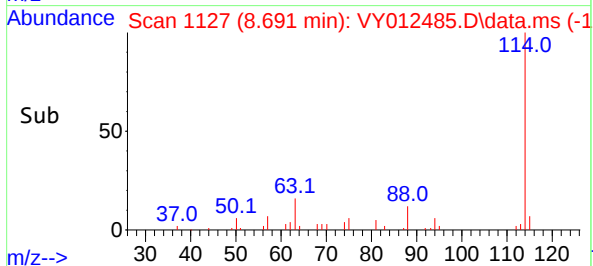
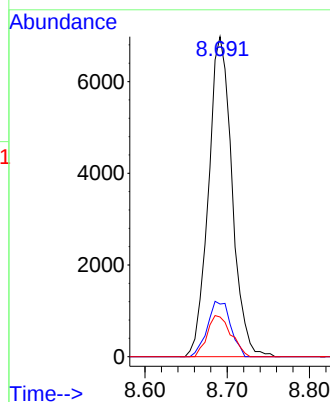
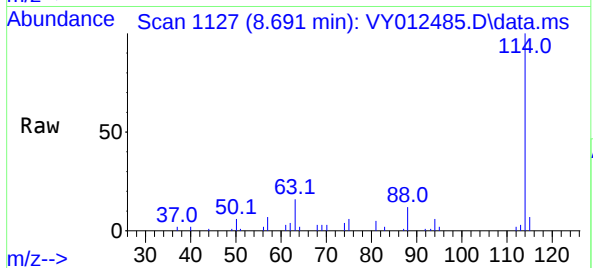
Tgt Ion:114 Resp: 13865

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 12.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.255 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012485.D

Acq: 03 Feb 2023 18:21

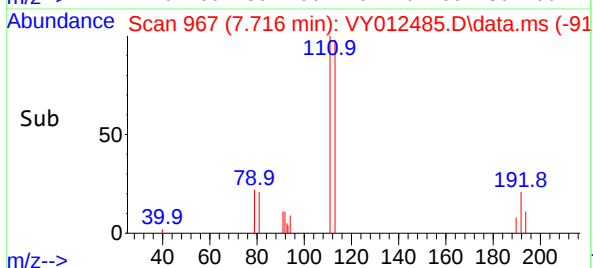
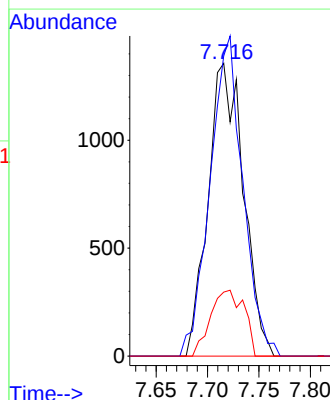
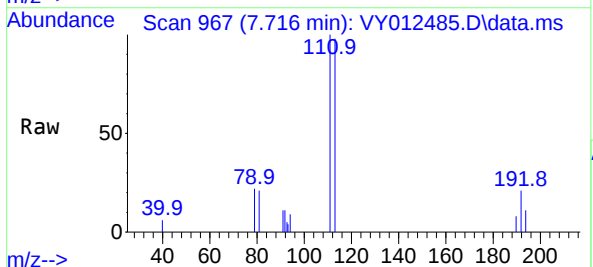
Tgt Ion:113 Resp: 3249

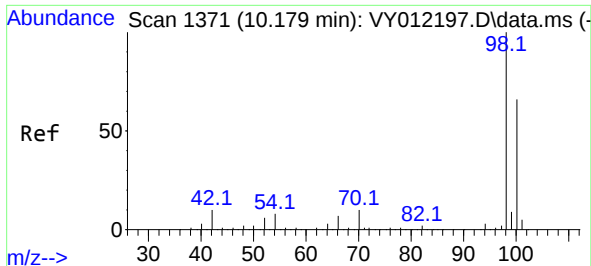
Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.4

192 21.2 16.0 24.0

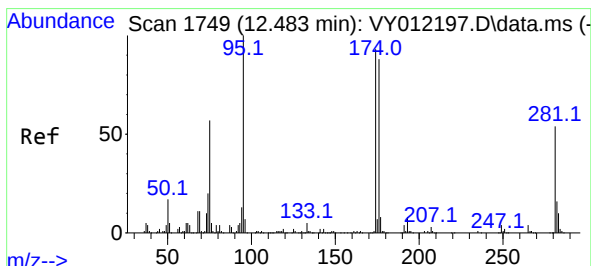
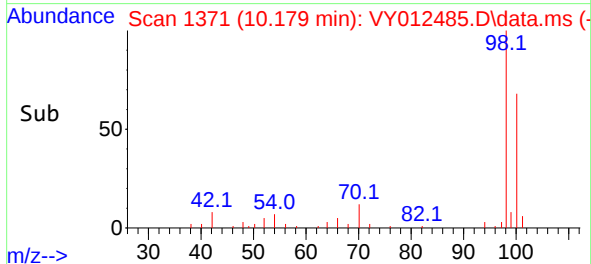
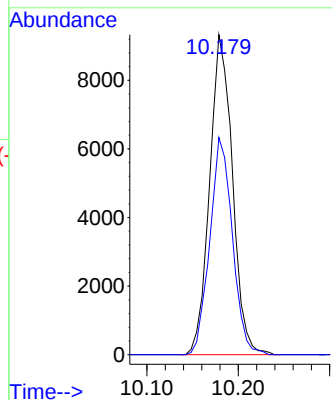
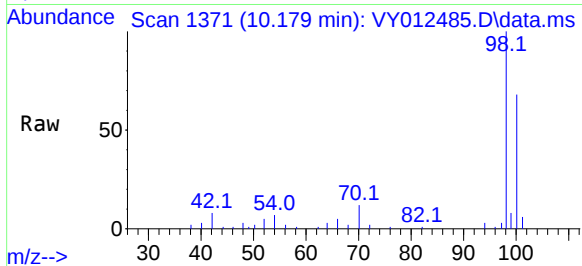




#50
Toluene-d8
Concen: 64.727 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012485.D
Acq: 03 Feb 2023 18:21

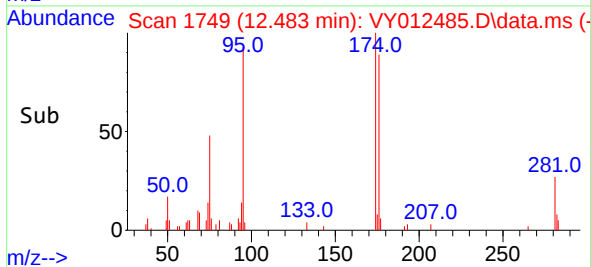
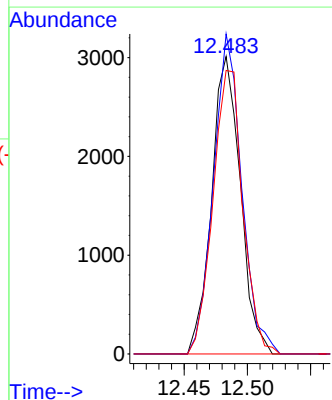
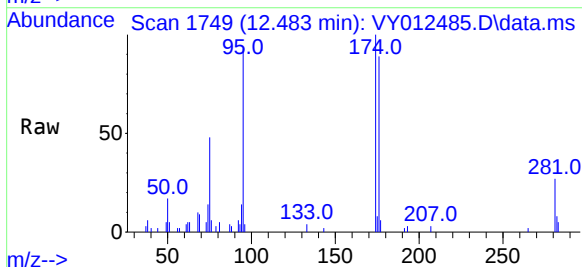
Instrument :
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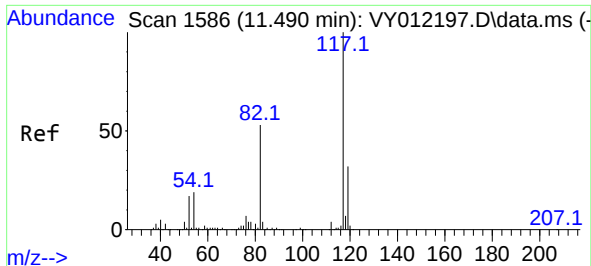
Tgt Ion: 98 Resp: 16140
Ion Ratio Lower Upper
98 100
100 67.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.906 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012485.D
Acq: 03 Feb 2023 18:21

Tgt Ion: 95 Resp: 4751
Ion Ratio Lower Upper
95 100
174 106.0 0.0 172.0
176 99.4 0.0 167.6

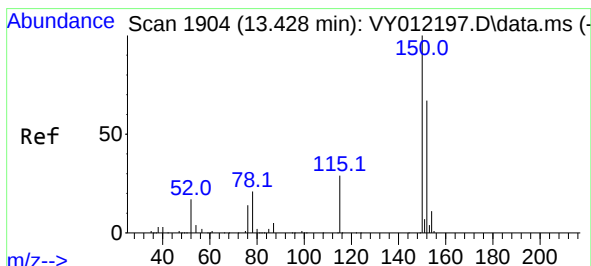
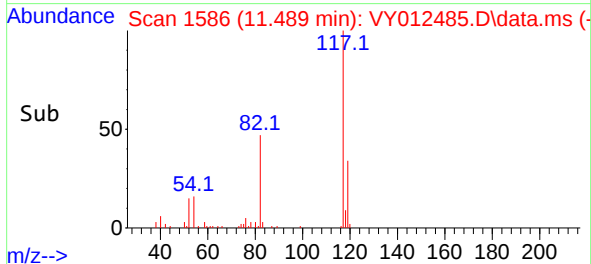
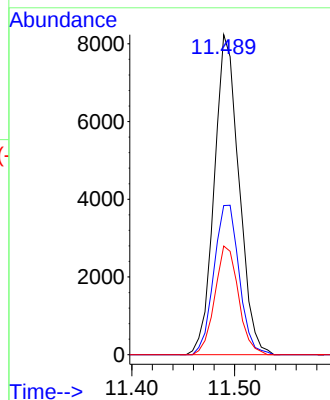
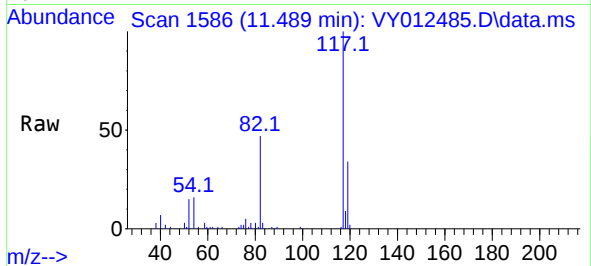




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012485.D
Acq: 03 Feb 2023 18:21

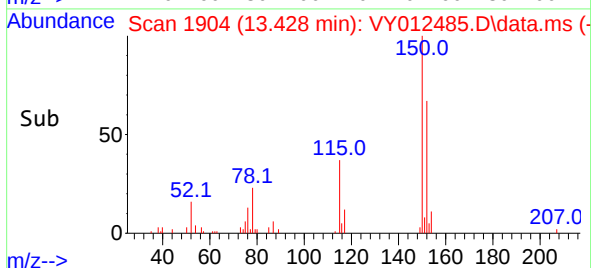
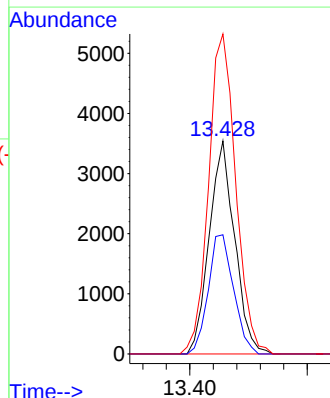
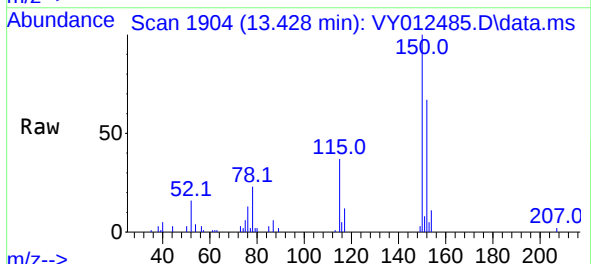
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ClientSampleId :
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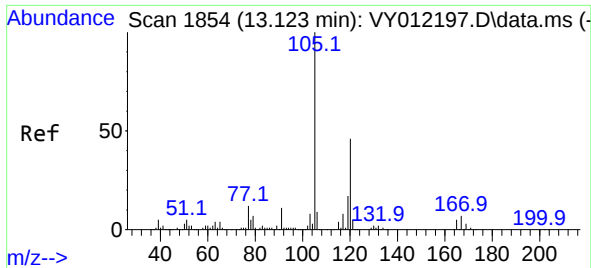
Tgt Ion:117	Resp:	13731
Ion	Ratio	Lower Upper
117	100	
82	46.6	44.8 67.2
119	34.0	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012485.D
Acq: 03 Feb 2023 18:21

Tgt Ion:152	Resp:	5333
Ion	Ratio	Lower Upper
152	100	
115	55.7	29.1 87.3
150	160.2	0.0 342.6





#84

1,2,4-Trimethylbenzene

Concen: 1.717 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012485.D

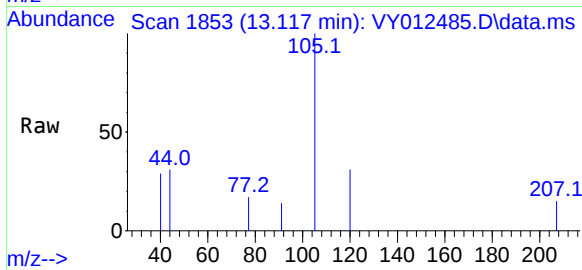
Acq: 03 Feb 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TR-5-020223



Tgt Ion:105 Resp: 566

Ion Ratio Lower Upper

105 100

120 38.5 22.9 68.7

