

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009456.D
 Acq On : 06 Jul 2022 16:05
 Operator : KP/MD
 Sample : N3584-05
 Misc : 4.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21199

Quant Time: Jul 07 01:50:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

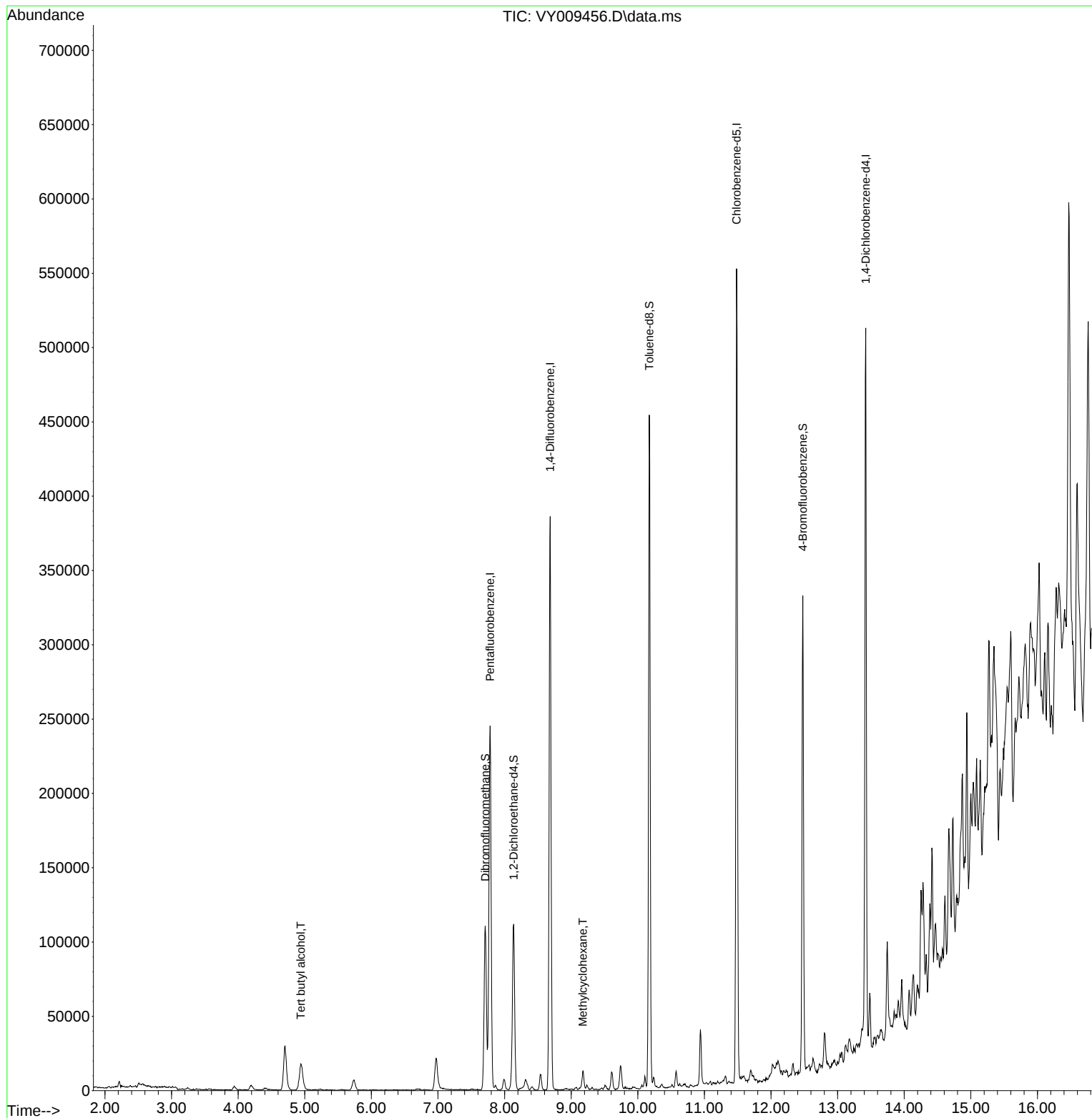
Internal Standards						
1) Pentafluorobenzene	7.783	168	192550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	295338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83043	53.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.700%
35) Dibromofluoromethane	7.710	113	76498	42.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.960%
50) Toluene-d8	10.173	98	288543	52.256	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	104.520%
62) 4-Bromofluorobenzene	12.477	95	94086	35.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	71.860%
Target Compounds						
11) Tert butyl alcohol	4.942	59	34178	108.933	ug/l #	92
39) Methylcyclohexane	9.173	83	4060	1.089	ug/l #	81

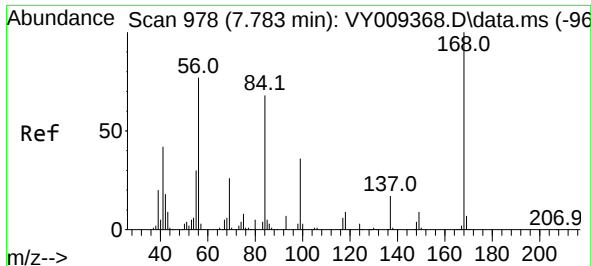
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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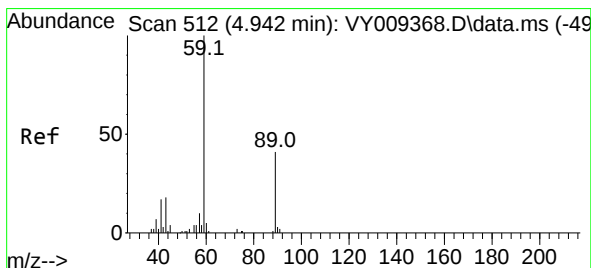
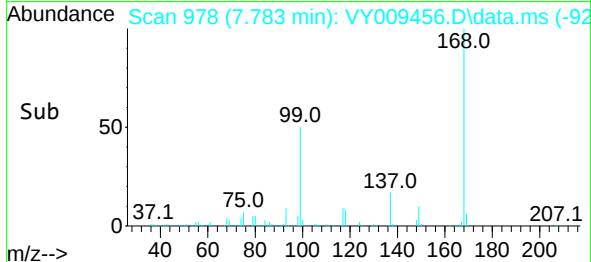
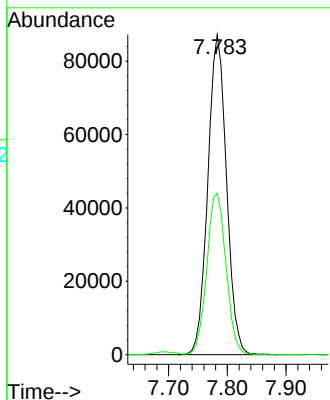
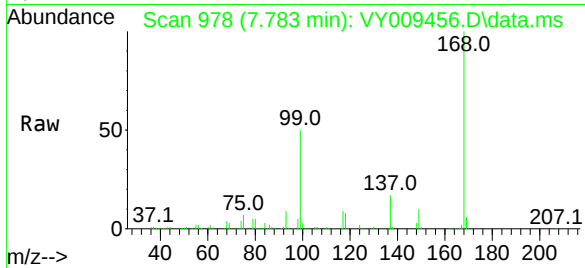




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

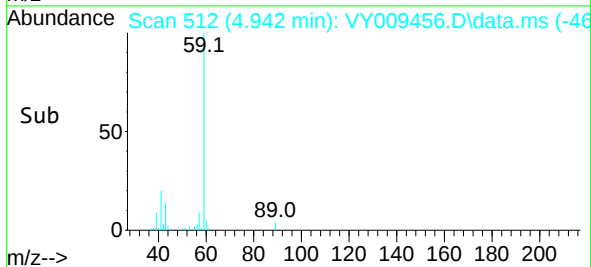
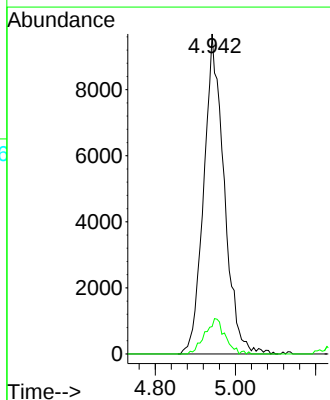
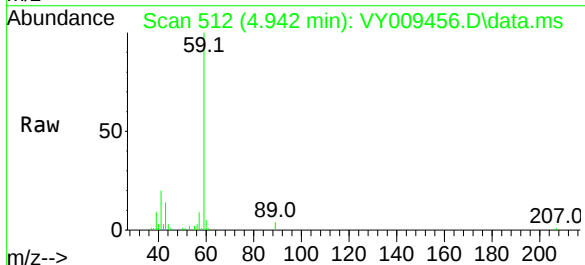
Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

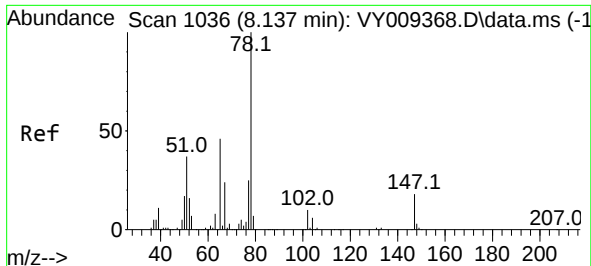
Tgt Ion:168 Resp: 192550
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 108.933 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

Tgt Ion: 59 Resp: 34178
Ion Ratio Lower Upper
59 100
57 10.8 6.4 9.6#

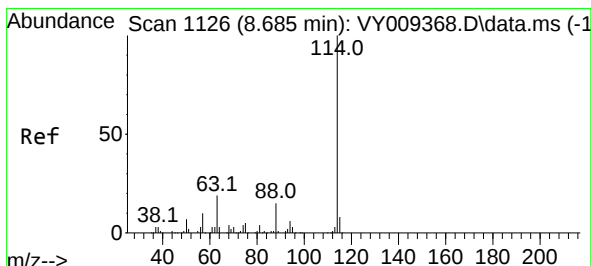
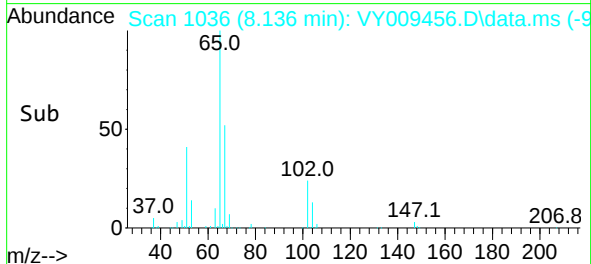
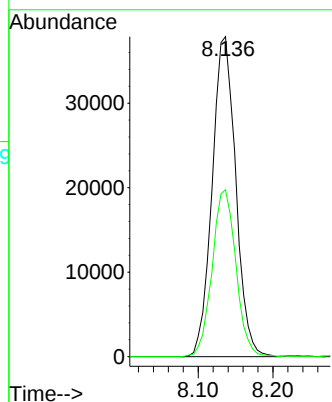
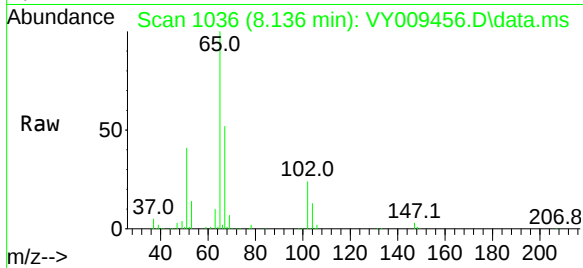




#33
 1,2-Dichloroethane-d4
 Concen: 53.845 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009456.D
 Acq: 06 Jul 2022 16:05

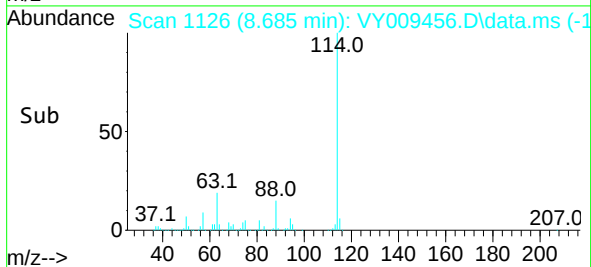
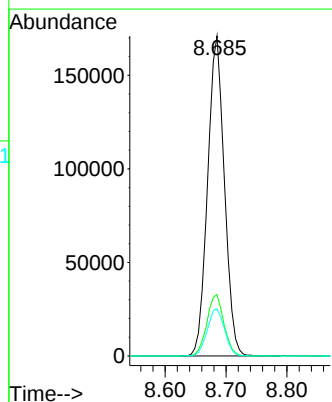
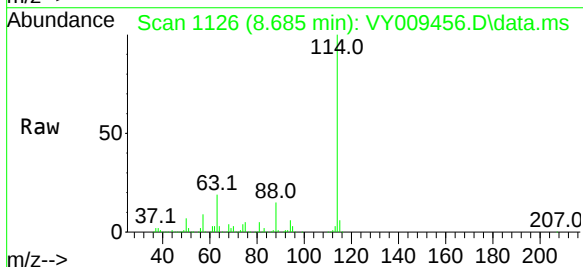
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21199

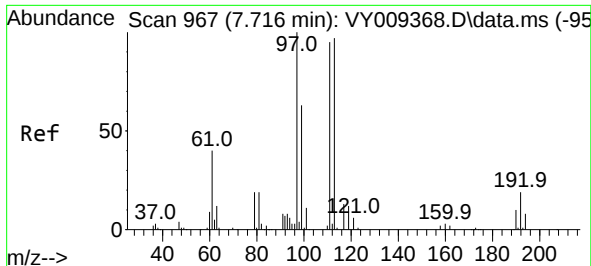
Tgt Ion: 65 Resp: 83043
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009456.D
 Acq: 06 Jul 2022 16:05

Tgt Ion: 114 Resp: 327221
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 14.7 0.0 31.8

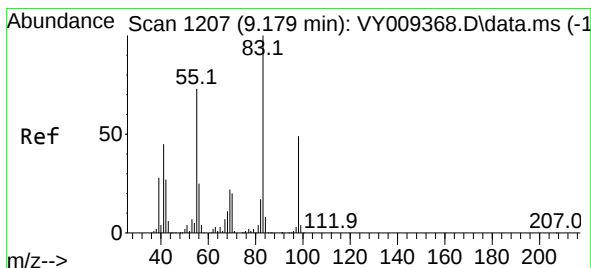
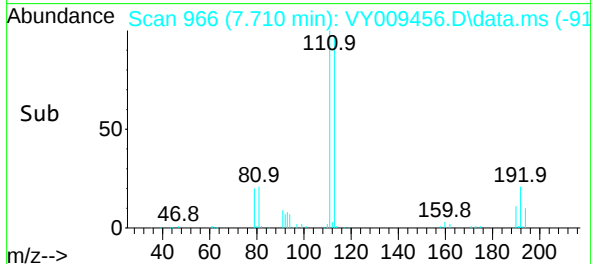
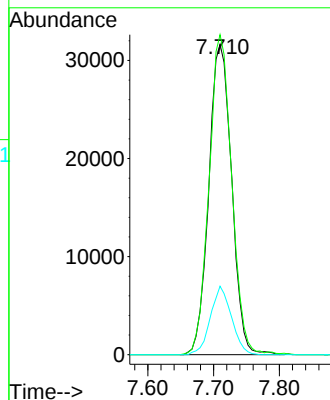
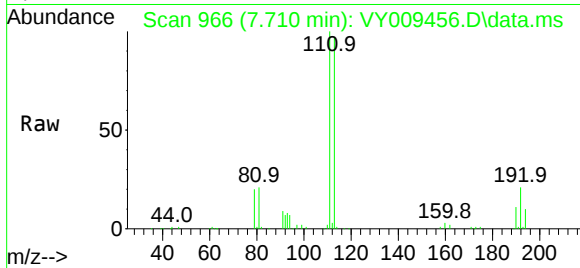




#35
Dibromofluoromethane
Concen: 42.477 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

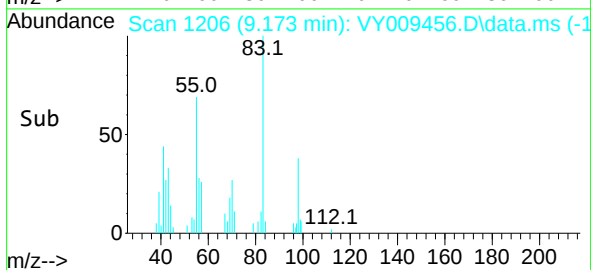
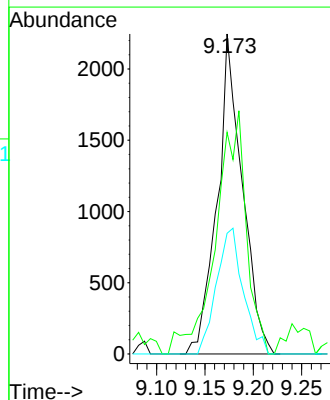
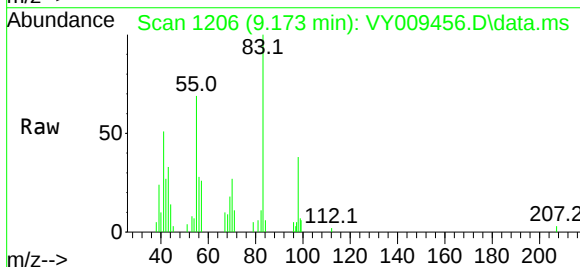
Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

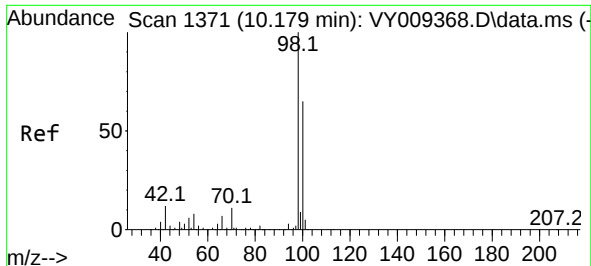
Tgt Ion:113 Resp: 76498
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.4 17.6 26.4



#39
Methylcyclohexane
Concen: 1.089 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

Tgt Ion: 83 Resp: 4060
Ion Ratio Lower Upper
83 100
55 64.2 66.5 99.7#
98 37.7 37.9 56.9#

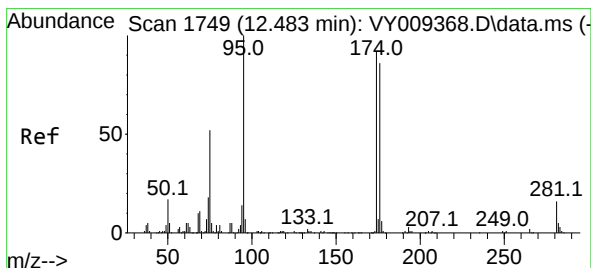
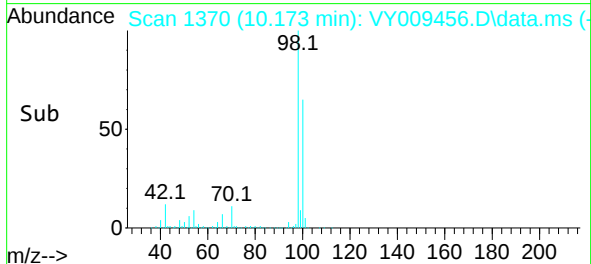
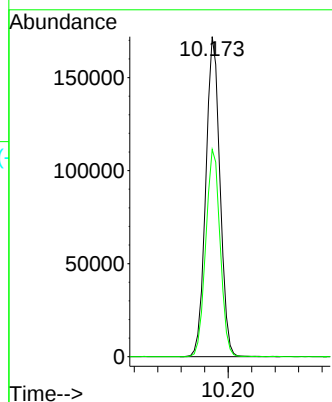
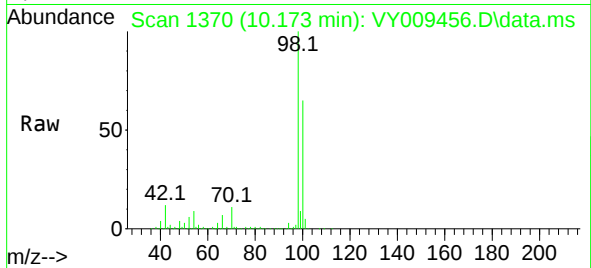




#50
Toluene-d8
Concen: 52.256 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

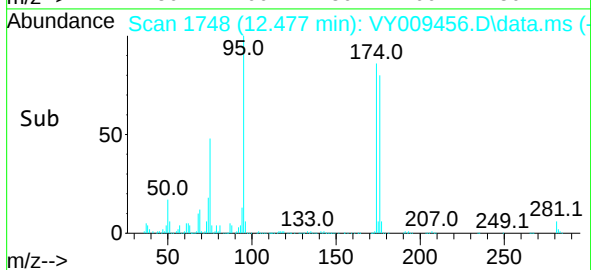
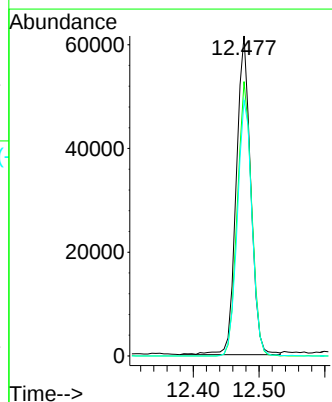
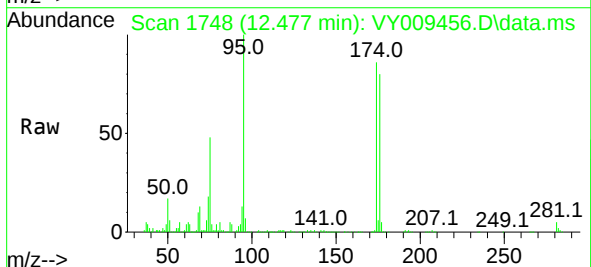
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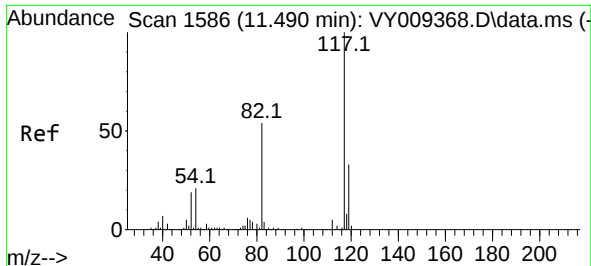
Tgt Ion: 98 Resp: 288543
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.927 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

Tgt Ion: 95 Resp: 94086
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 80.8 0.0 175.8

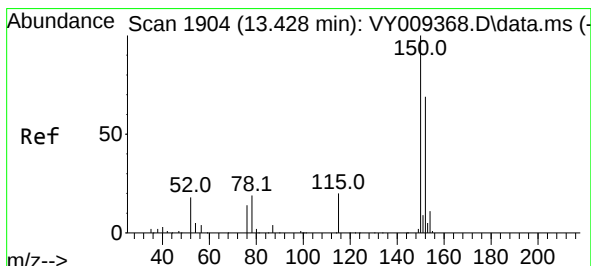
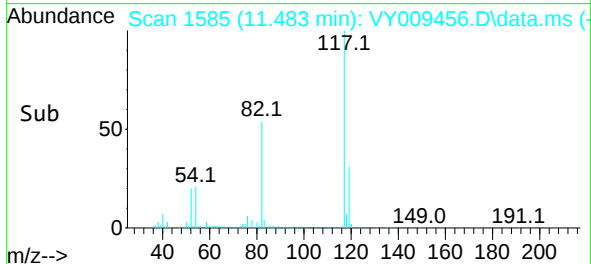
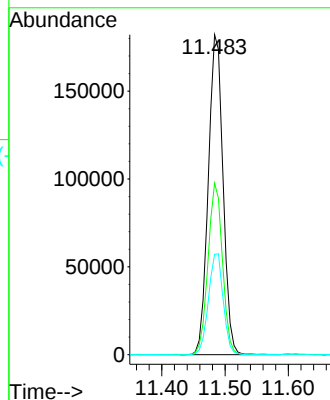
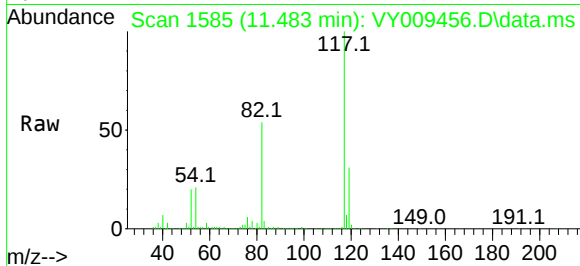




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009456.D
Acq: 06 Jul 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
RB-21199

Tgt Ion:117 Resp: 295338
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.4 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: VY009456.D
Acq: 06 Jul 2022 16:05

Tgt Ion:152 Resp: 122466
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 155.0 0.0 347.6

