

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010114.D
 Acq On : 19 Aug 2022 19:26
 Operator : KP/MD
 Sample : N4217-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0815RE

Quant Time: Aug 22 02:44:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

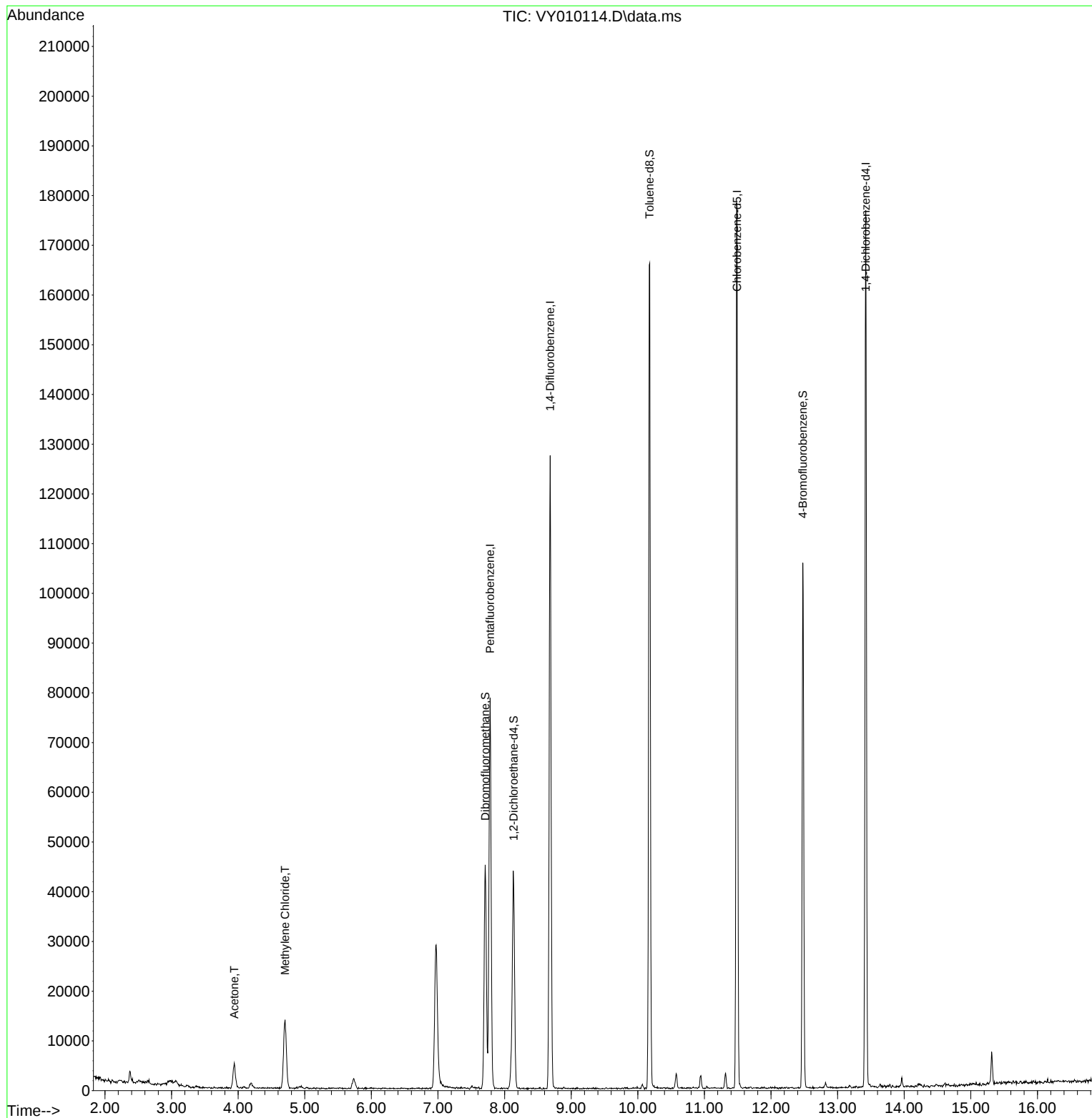
Internal Standards						
1) Pentafluorobenzene	7.783	168	61640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	109846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30682	60.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.540%			
35) Dibromofluoromethane	7.710	113	32206	52.032	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.060%			
50) Toluene-d8	10.179	98	114053	49.176	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.477	95	31545	38.067	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.140%			
Target Compounds						
16) Acetone	3.942	43	8438	66.775	ug/l	97
20) Methylene Chloride	4.704	84	10483	7.768	ug/l	95

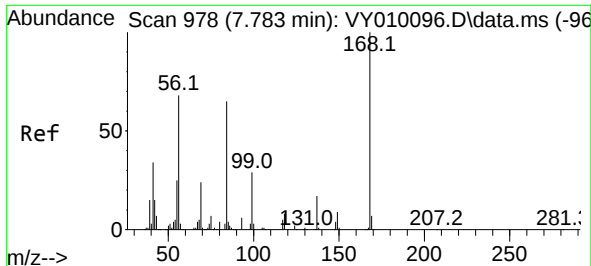
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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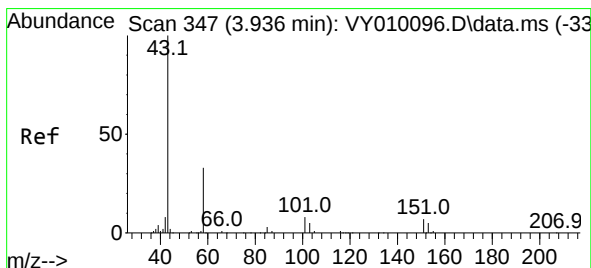
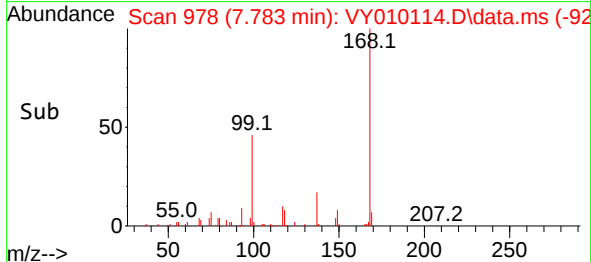
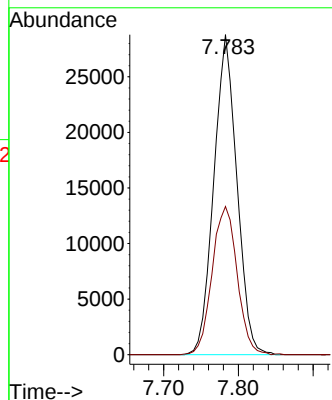
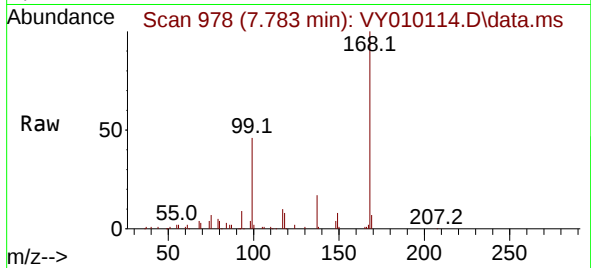




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

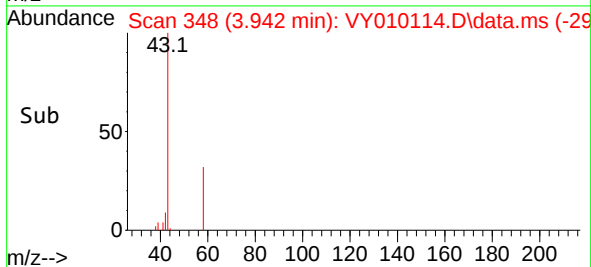
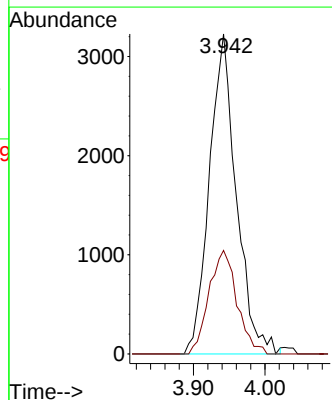
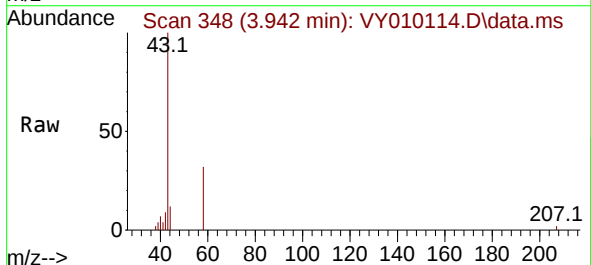
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815RE

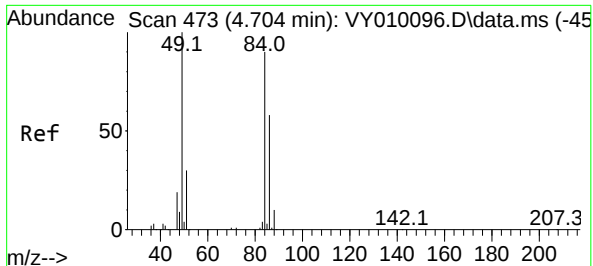
Tgt Ion:168 Resp: 61640
Ion Ratio Lower Upper
168 100
99 46.3 40.7 61.1



#16
Acetone
Concen: 66.775 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

Tgt Ion: 43 Resp: 8438
Ion Ratio Lower Upper
43 100
58 32.3 27.4 41.0



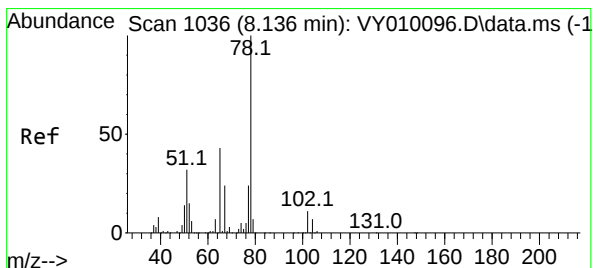
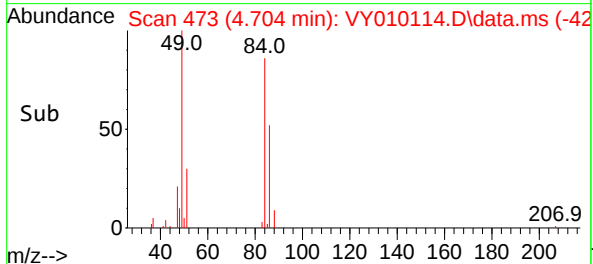
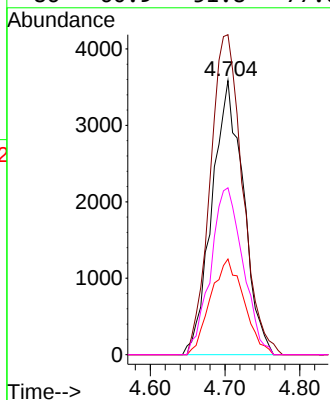
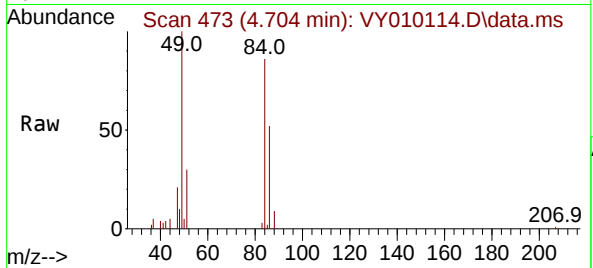


#20
Methylene Chloride
Concen: 7.768 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815RE

Tgt Ion: 84 Resp: 10483

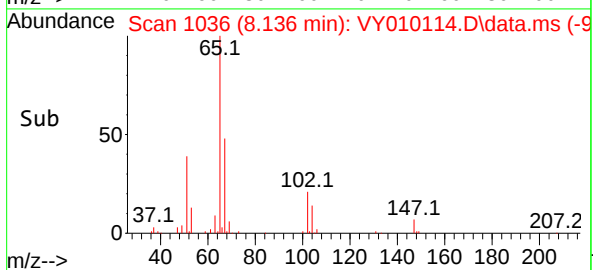
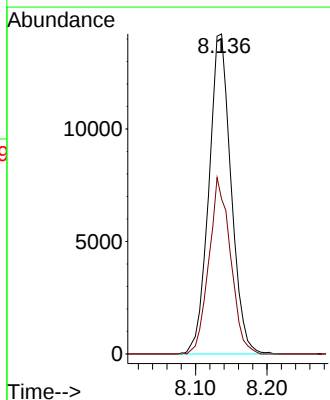
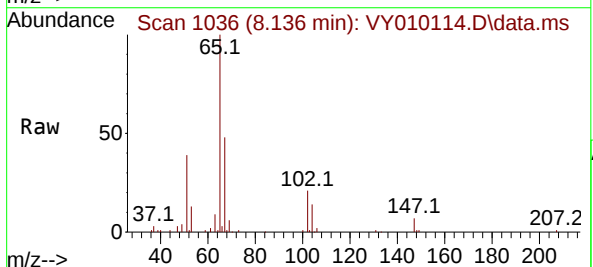
Ion	Ratio	Lower	Upper
84	100		
49	116.7	89.0	133.4
51	34.9	27.0	40.6
86	60.9	51.8	77.6

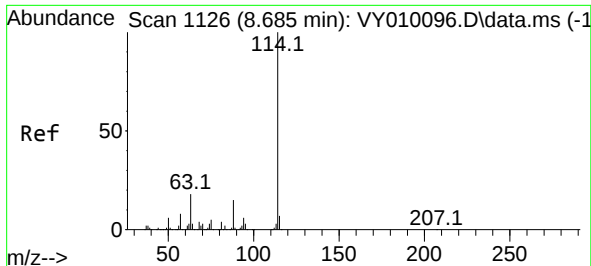


#33
1,2-Dichloroethane-d4
Concen: 60.770 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

Tgt Ion: 65 Resp: 30682

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.6

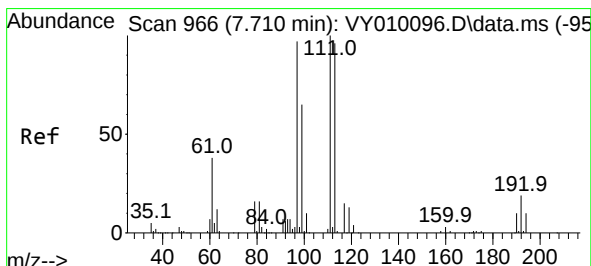
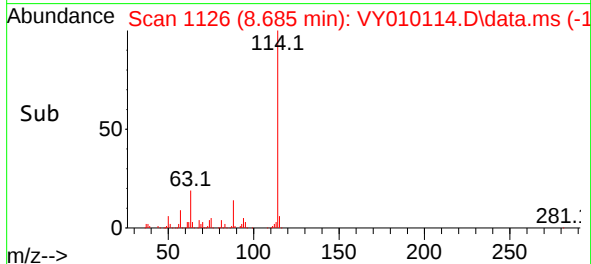
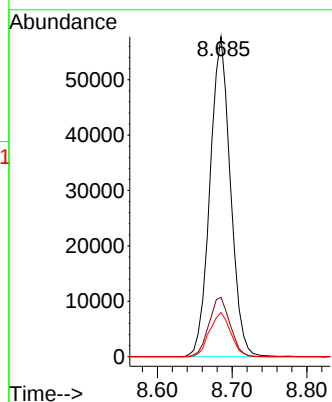
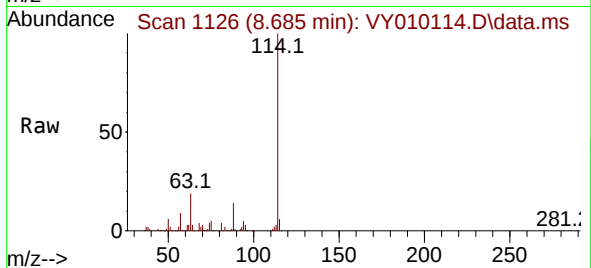




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

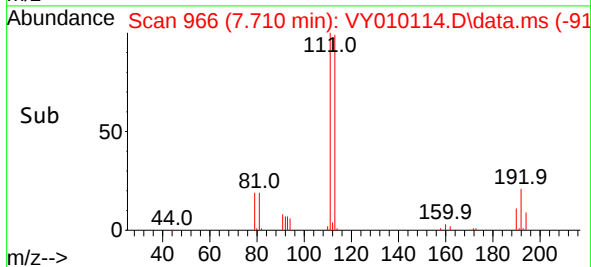
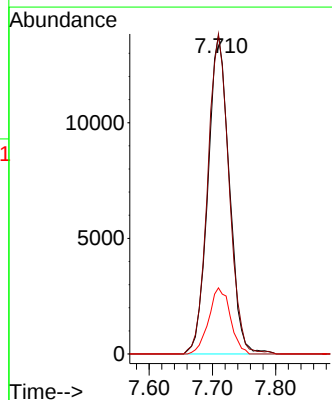
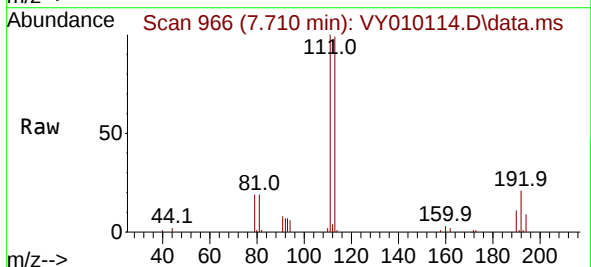
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815RE

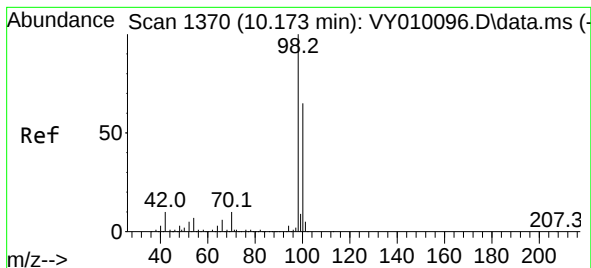
Tgt Ion:114 Resp: 109846
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 13.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 52.032 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

Tgt Ion:113 Resp: 32206
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 21.1 16.3 24.5





#50

Toluene-d8

Concen: 49.176 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010114.D

Acq: 19 Aug 2022 19:26

Instrument :

MSVOA_Y

ClientSampleId :

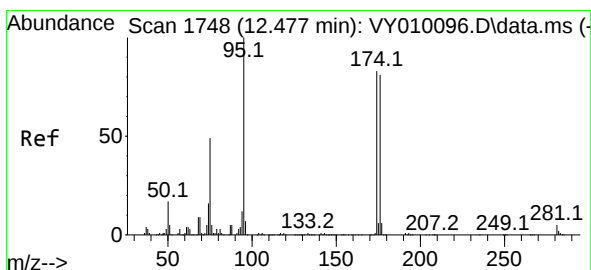
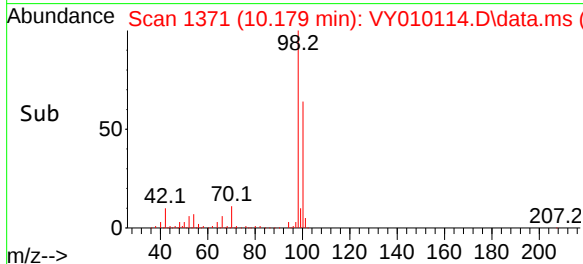
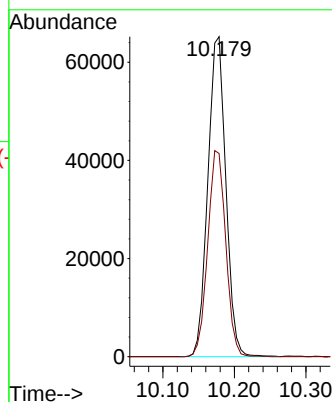
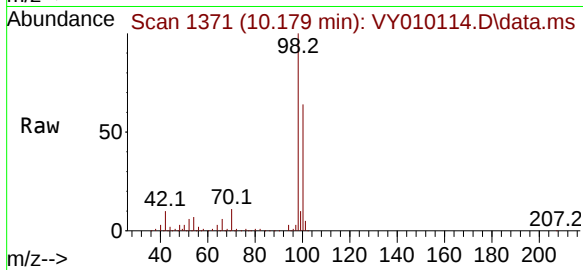
TP1-0815RE

Tgt Ion: 98 Resp: 114053

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 38.067 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY010114.D

Acq: 19 Aug 2022 19:26

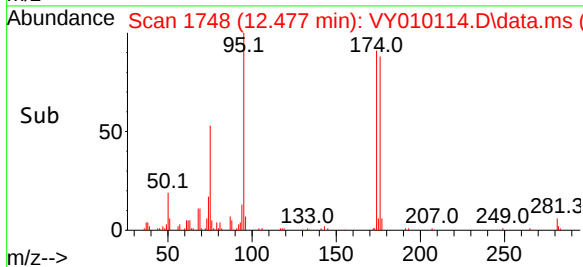
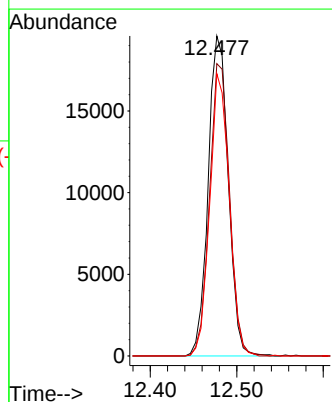
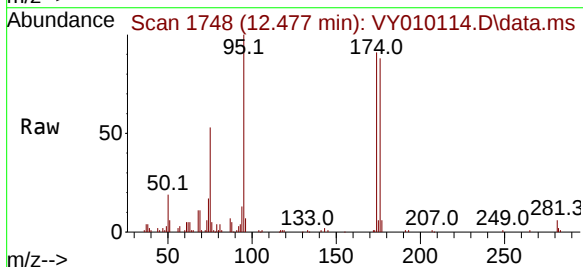
Tgt Ion: 95 Resp: 31545

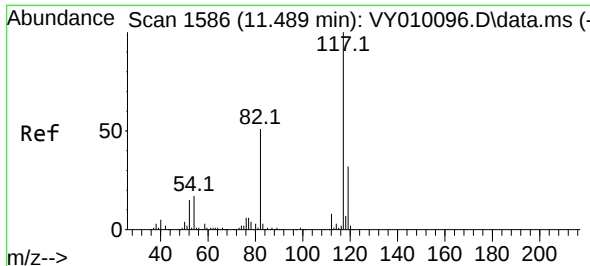
Ion Ratio Lower Upper

95 100

174 91.4 0.0 173.8

176 85.8 0.0 167.2

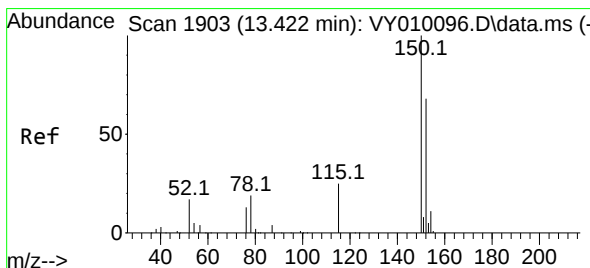
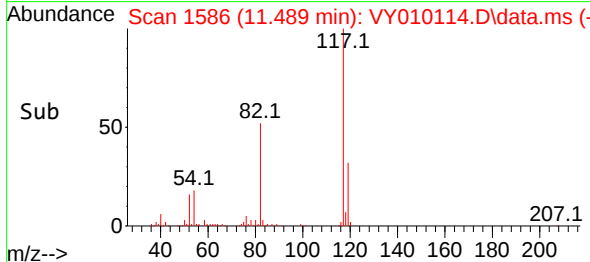
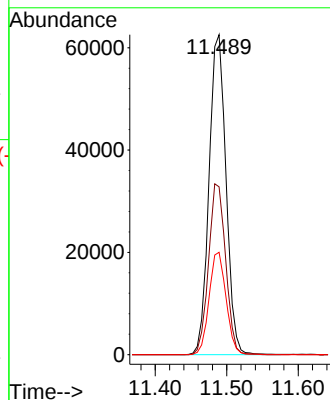
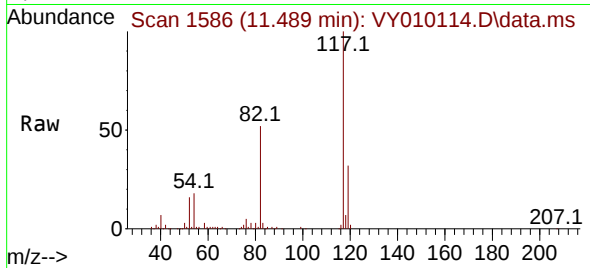




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815RE

Tgt Ion:117 Resp: 103074
Ion Ratio Lower Upper
117 100
82 52.5 40.6 61.0
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010114.D
Acq: 19 Aug 2022 19:26

Tgt Ion:152 Resp: 47431
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 157.0 0.0 346.2

