

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009733.D
 Acq On : 27 Jul 2022 18:36
 Operator : KP/MD
 Sample : N3893-08
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-8

Quant Time: Jul 28 02:47:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

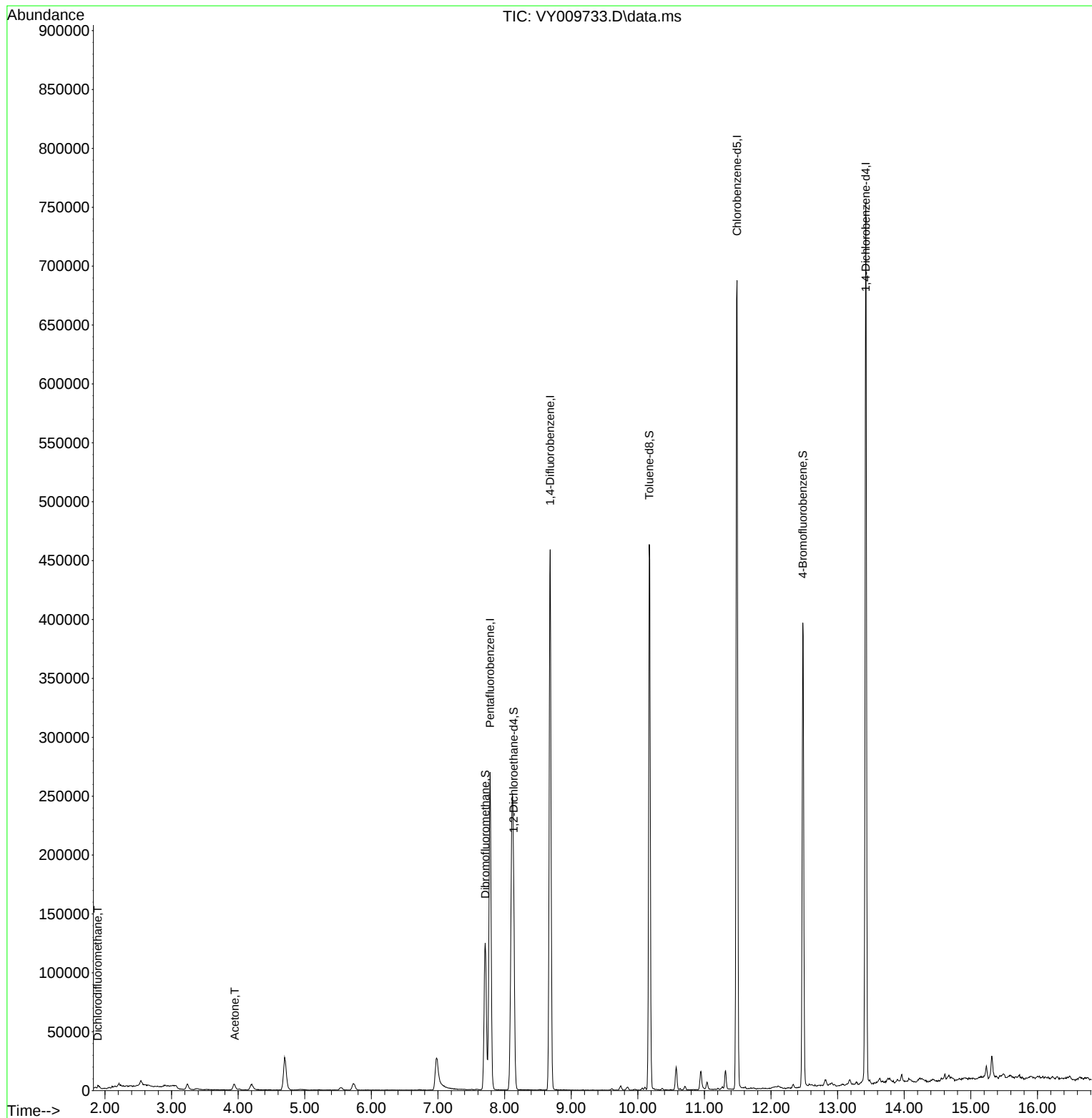
Internal Standards						
1) Pentafluorobenzene	7.783	168	220240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	404036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	394671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93188	65.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.260%
35) Dibromofluoromethane	7.710	113	91243	41.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.040%
50) Toluene-d8	10.173	98	308323	48.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.477	95	116730	40.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	80.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	1993	1.016	ug/l	99
16) Acetone	3.948	43	8942	16.981	ug/l	94

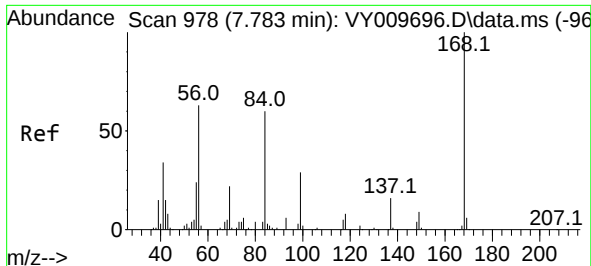
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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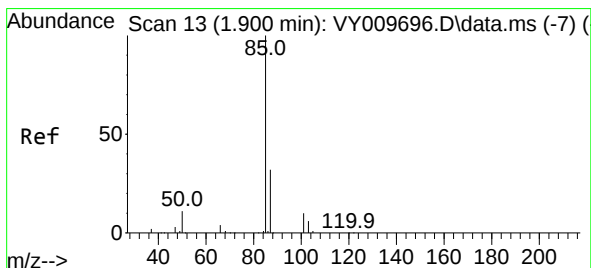
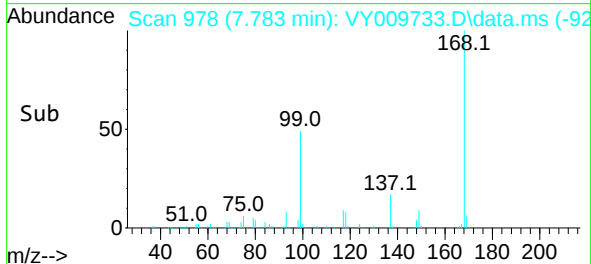
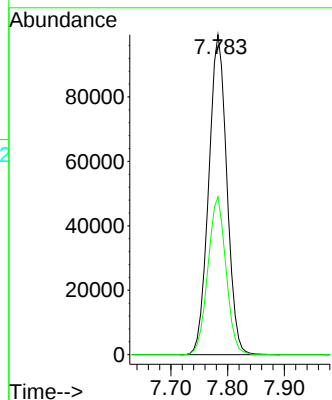
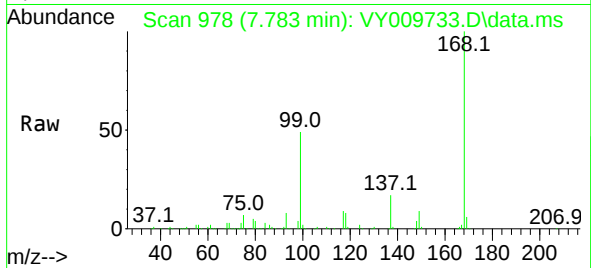




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

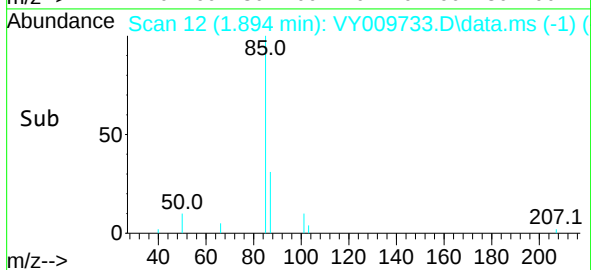
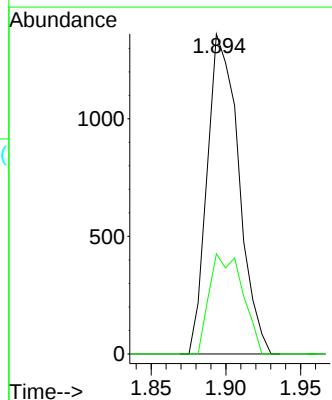
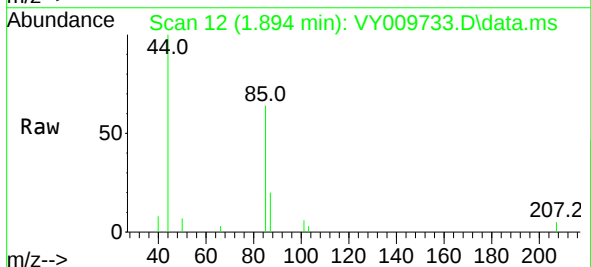
Instrument :
MSVOA_Y
ClientSampleId :
RVE-8

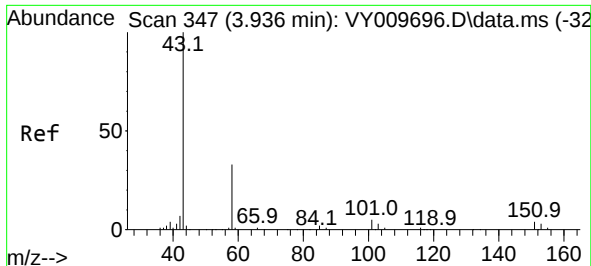
Tgt Ion:168 Resp: 220240
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.016 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

Tgt Ion: 85 Resp: 1993
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2

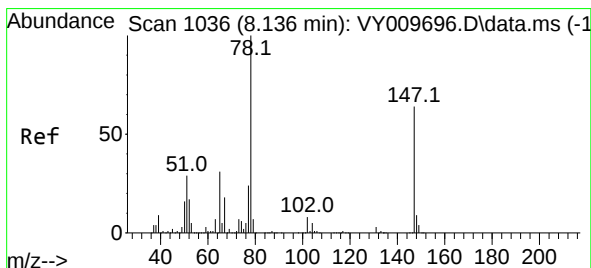
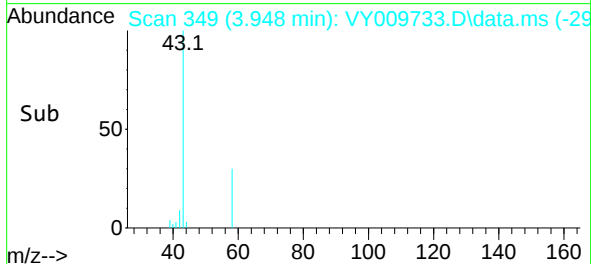
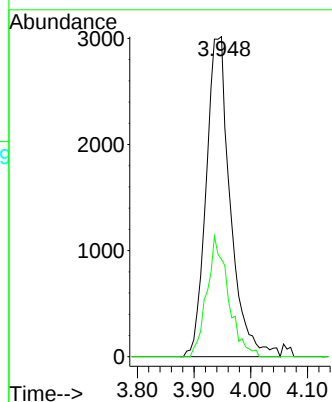
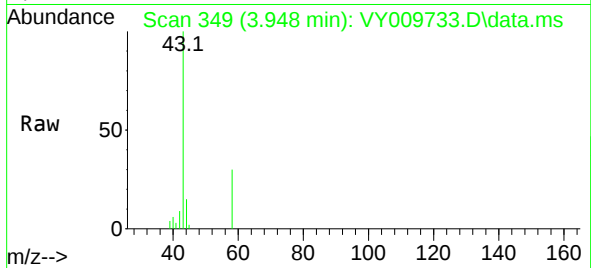




#16
Acetone
Concen: 16.981 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

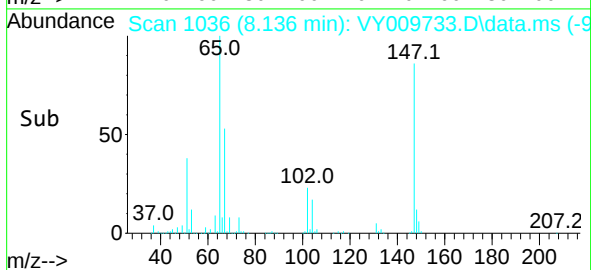
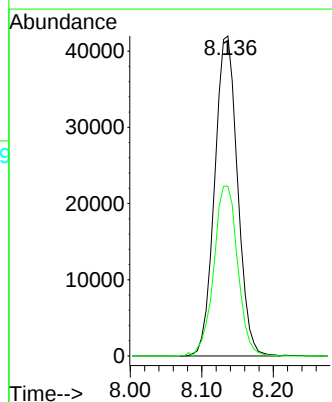
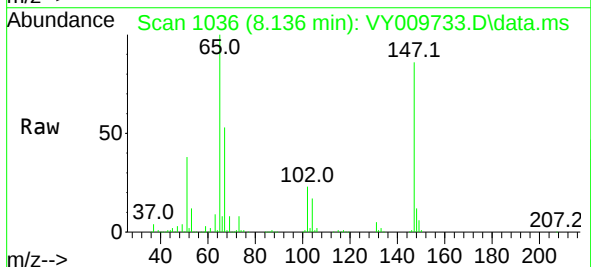
Instrument :
MSVOA_Y
ClientSampleId :
RVE-8

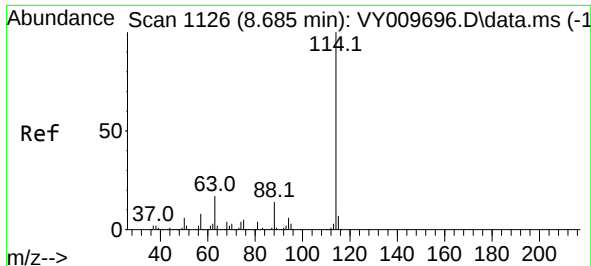
Tgt Ion: 43 Resp: 8942
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0



#33
1,2-Dichloroethane-d4
Concen: 65.132 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

Tgt Ion: 65 Resp: 93188
Ion Ratio Lower Upper
65 100
67 55.5 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: VY009733.D

Acq: 27 Jul 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

RVE-8

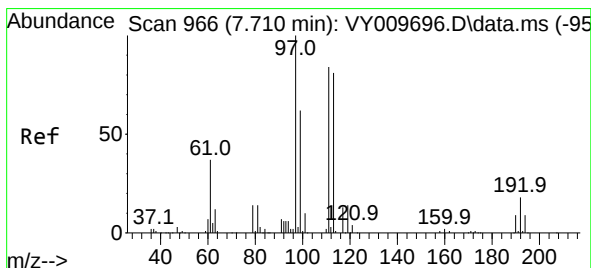
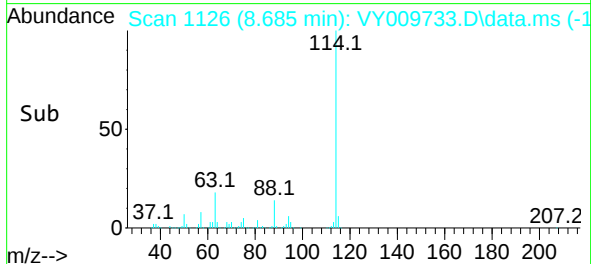
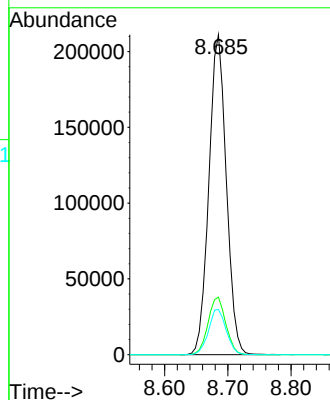
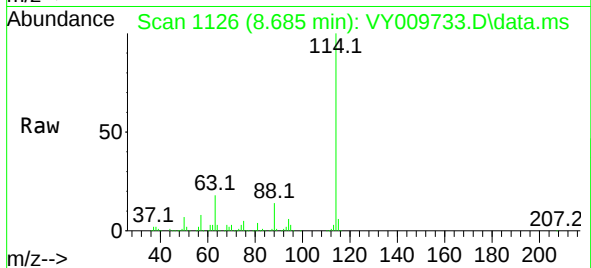
Tgt Ion:114 Resp: 404036

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.522 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009733.D

Acq: 27 Jul 2022 18:36

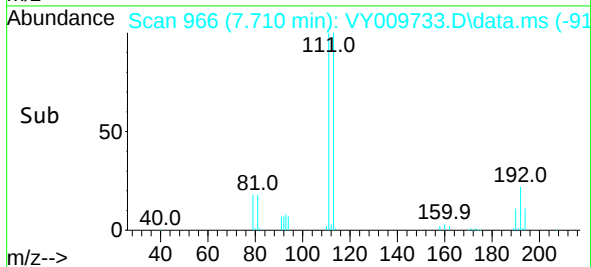
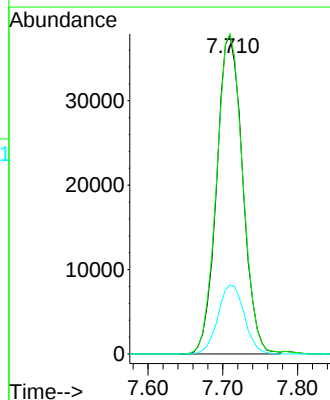
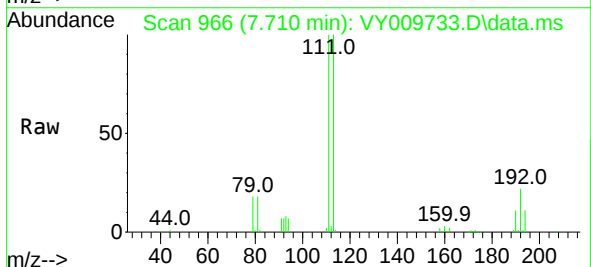
Tgt Ion:113 Resp: 91243

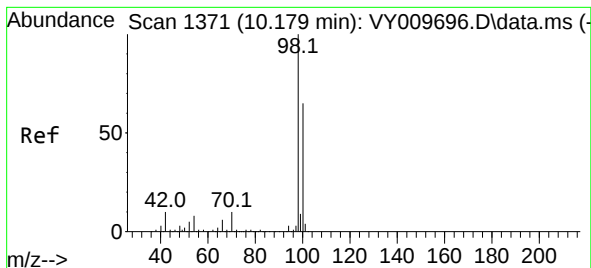
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 21.9 17.6 26.4

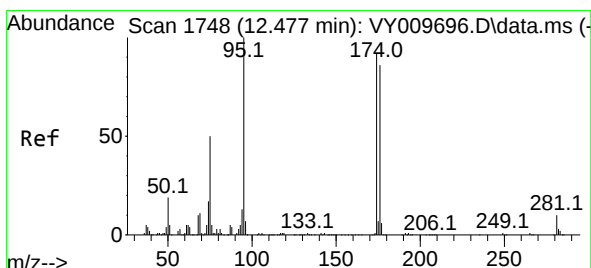
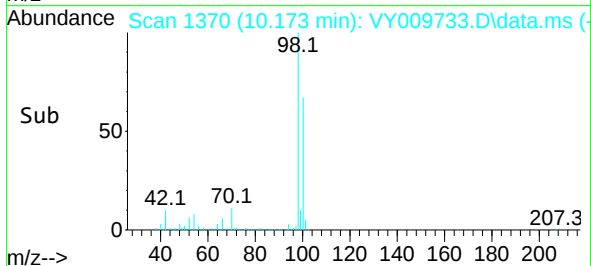
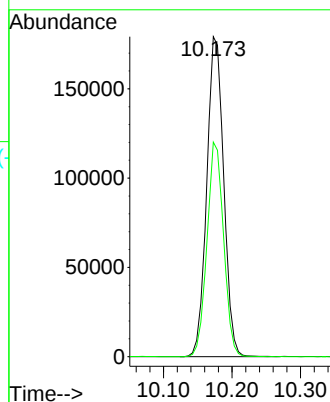
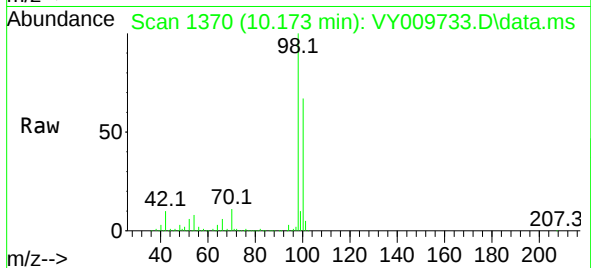




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

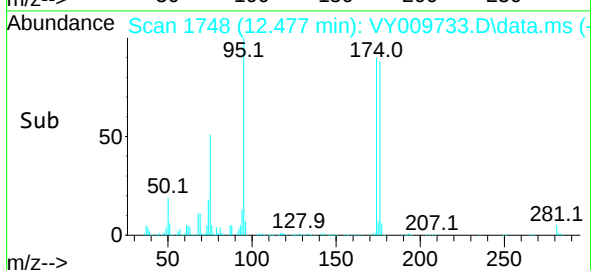
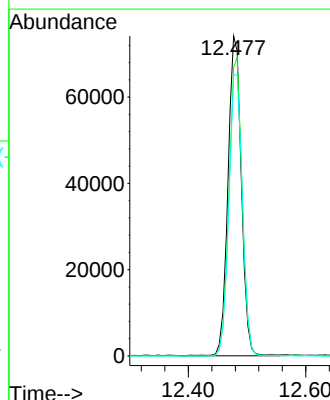
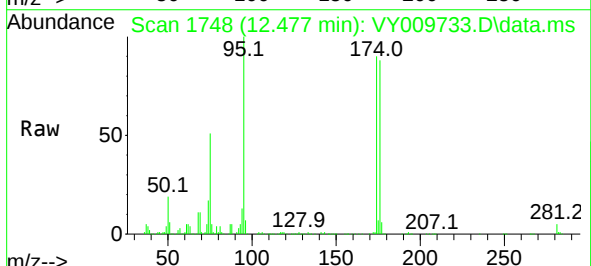
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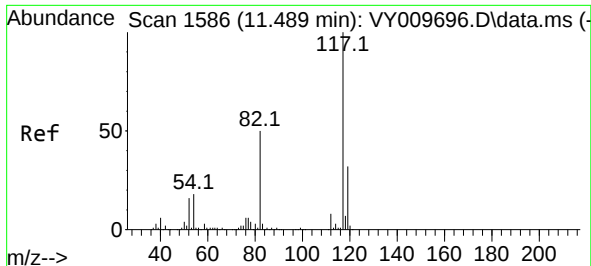
Tgt Ion: 98 Resp: 308323
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

Tgt Ion: 95 Resp: 116730
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 89.3 0.0 175.8

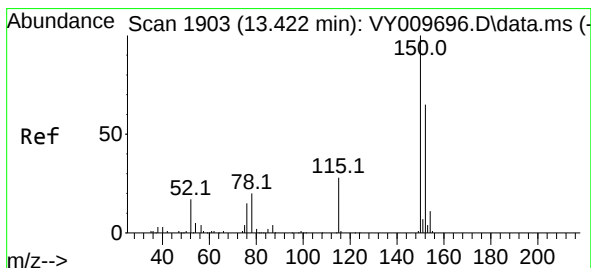
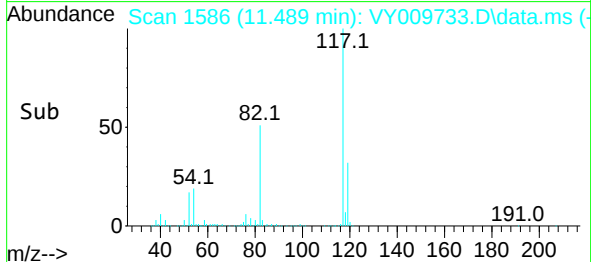
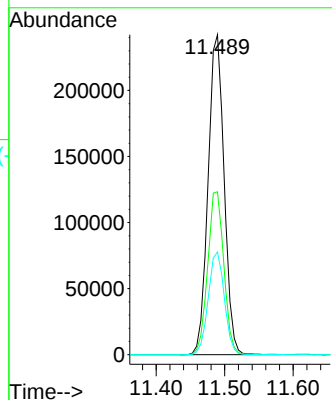
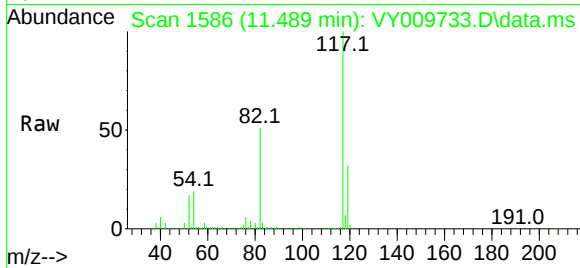




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009733.D
Acq: 27 Jul 2022 18:36

Instrument :
MSVOA_Y
ClientSampleId :
RVE-8

Tgt Ion:117 Resp: 394671
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.1 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: VY009733.D
Acq: 27 Jul 2022 18:36

Tgt Ion:152 Resp: 198283
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.5 0.0 347.6

