

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011586.D
 Acq On : 23 Nov 2022 19:28
 Operator : KP/MD
 Sample : N5772-03
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-3

Quant Time: Nov 24 00:39:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

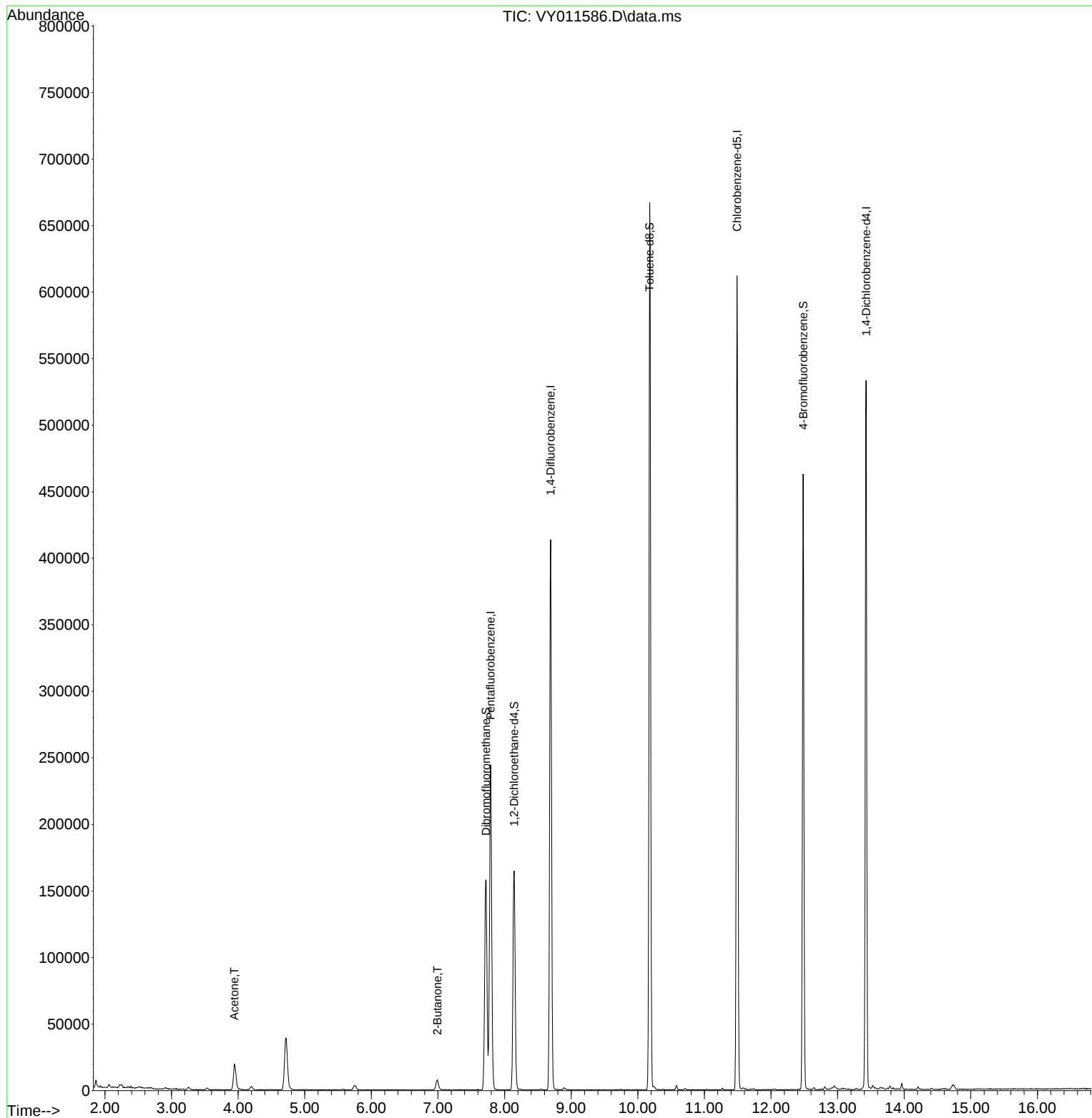
Internal Standards						
1) Pentafluorobenzene	7.789	168	183790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131287	70.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.700%
35) Dibromofluoromethane	7.722	113	113132	53.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.179	98	425813	55.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.820%
62) 4-Bromofluorobenzene	12.483	95	130696	45.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.000%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	34382	56.720	ug/l	95
25) 2-Butanone	6.990	43	11373	14.276	ug/l #	89

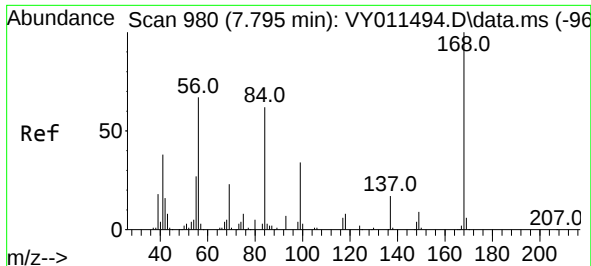
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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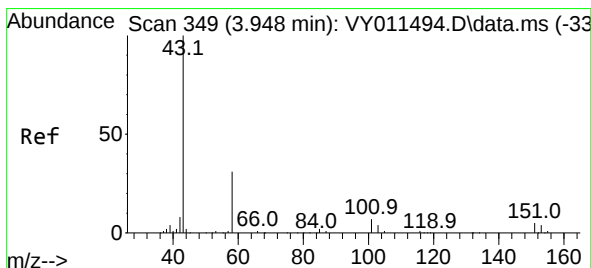
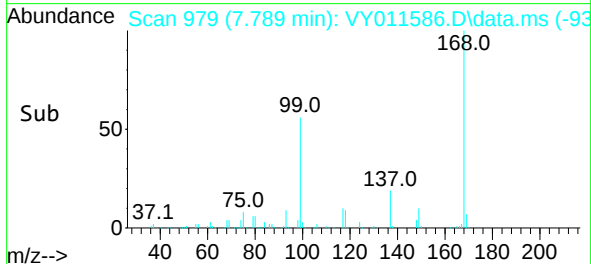
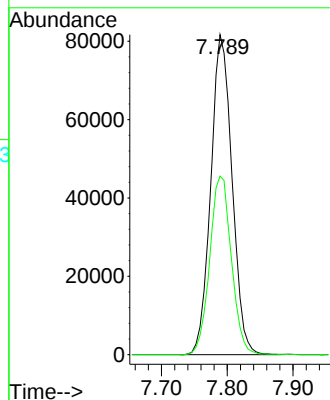
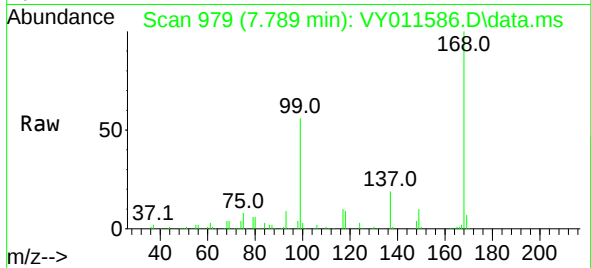




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

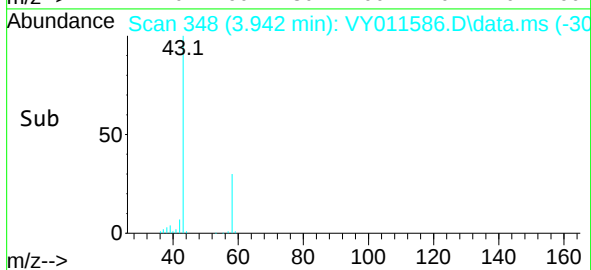
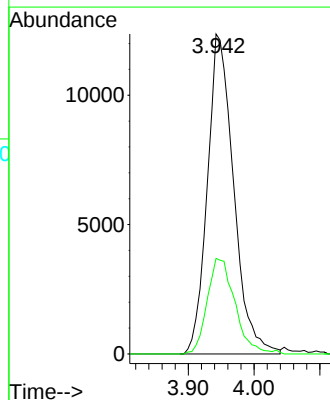
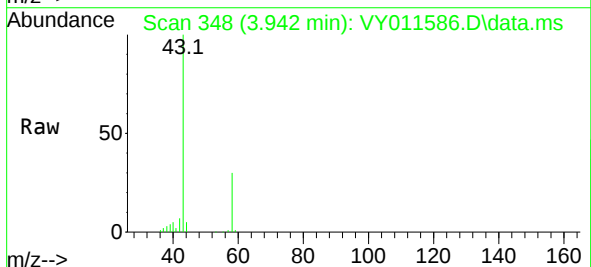
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-3

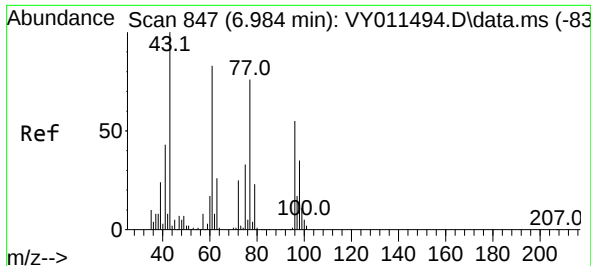
Tgt Ion:168 Resp: 183790
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 56.720 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 43 Resp: 34382
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0

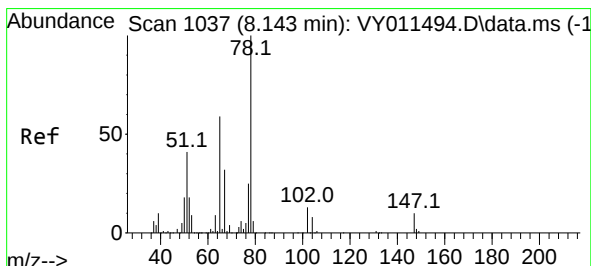
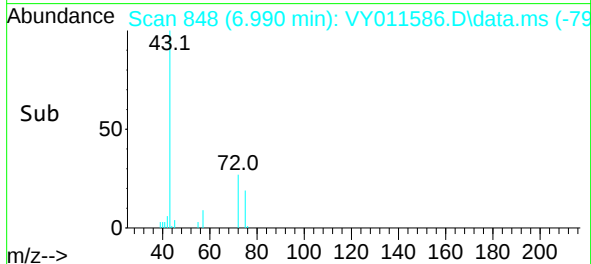
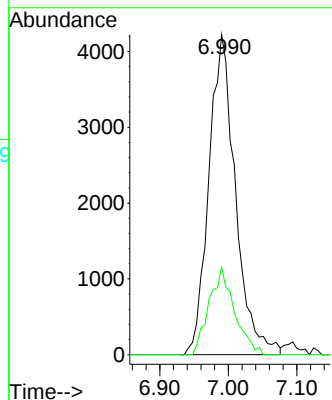
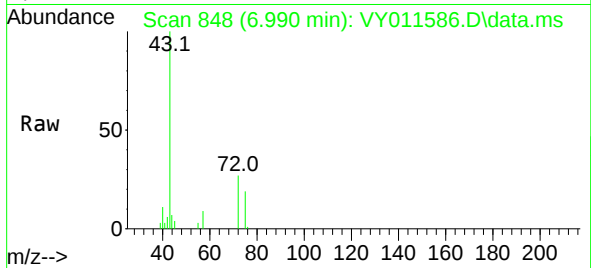




#25
2-Butanone
Concen: 14.276 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

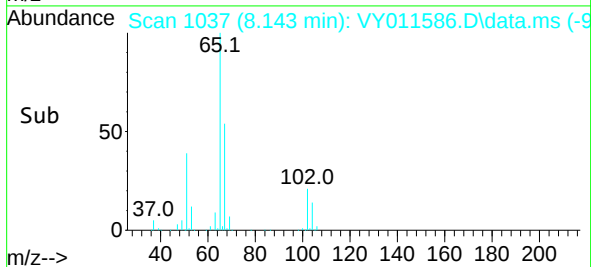
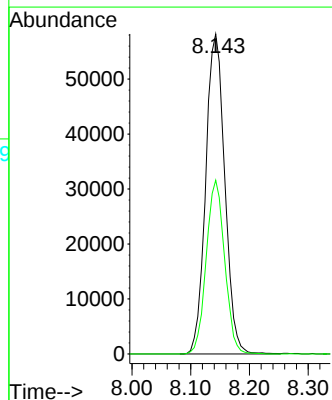
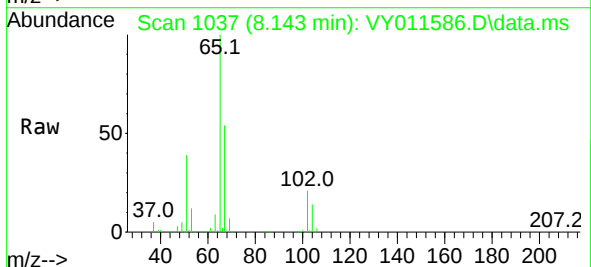
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-3

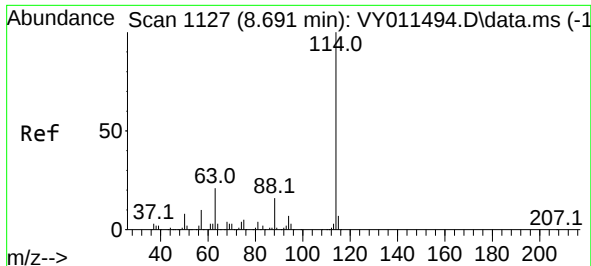
Tgt Ion: 43 Resp: 11373
Ion Ratio Lower Upper
43 100
72 27.3 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 70.350 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 65 Resp: 131287
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :

LOCATION-3

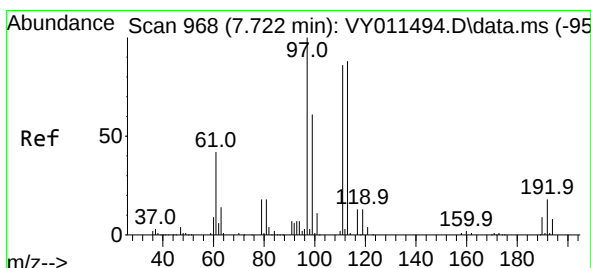
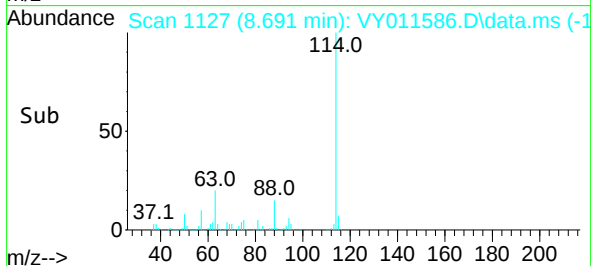
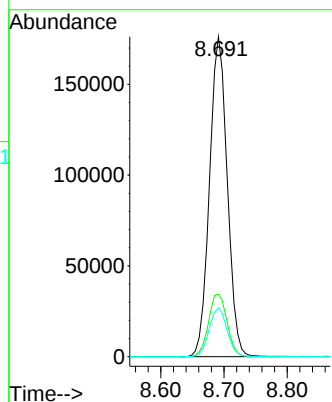
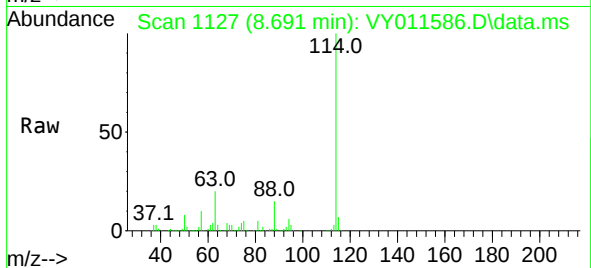
Tgt Ion:114 Resp: 343528

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.497 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

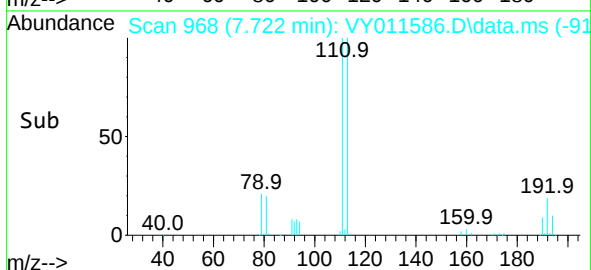
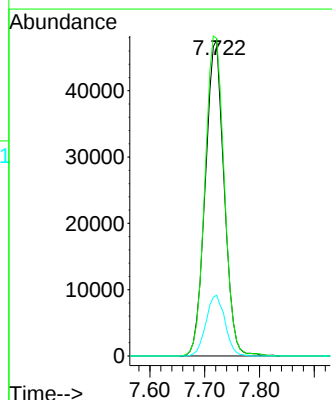
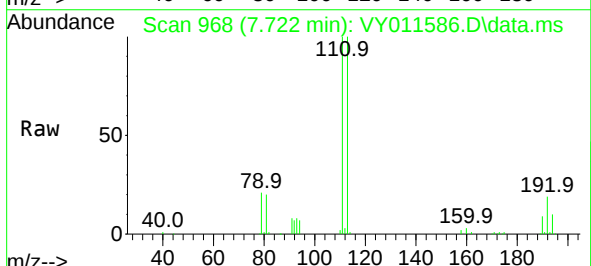
Tgt Ion:113 Resp: 113132

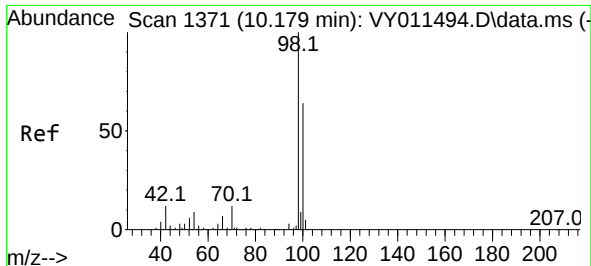
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.5 17.6 26.4

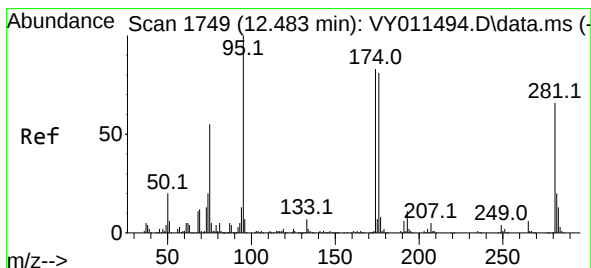
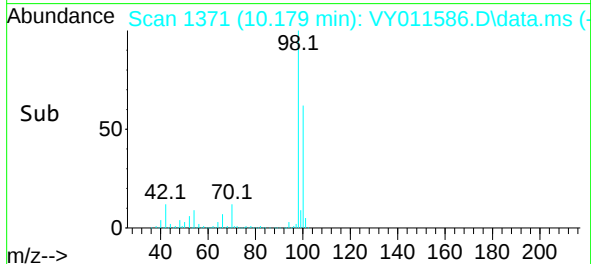
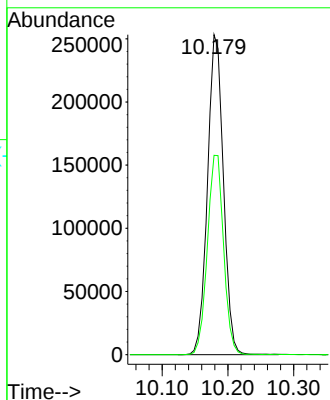
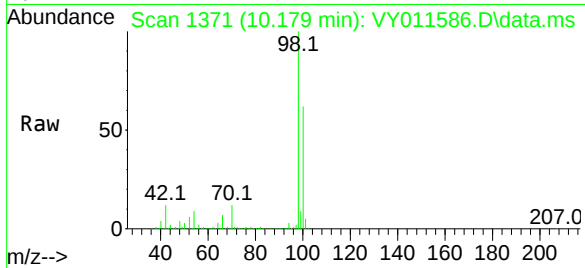




#50
Toluene-d8
Concen: 55.410 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

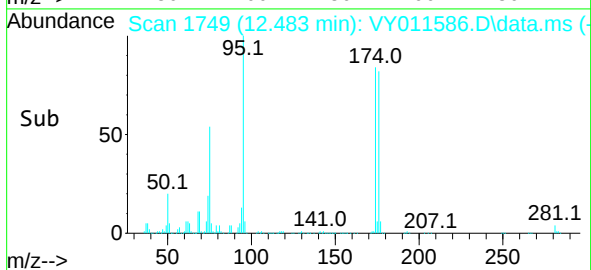
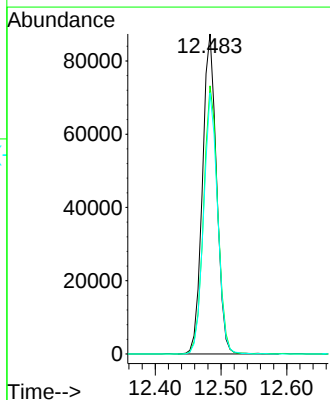
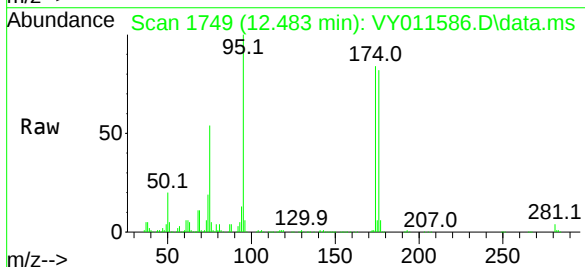
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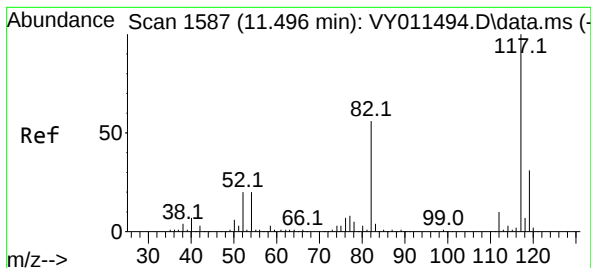
Tgt Ion: 98 Resp: 425813
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 95 Resp: 130696
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.4 0.0 175.8

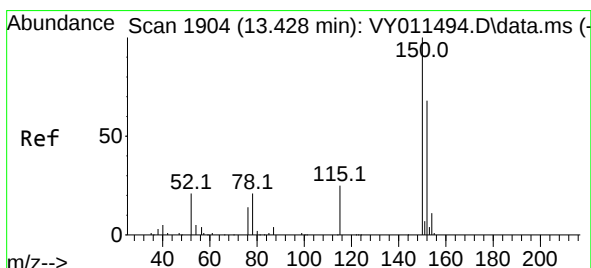
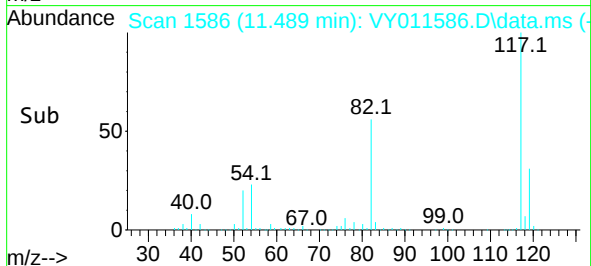
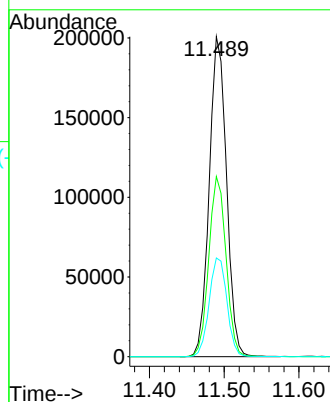
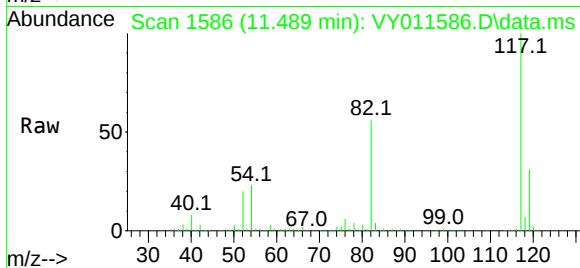




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-3

Tgt Ion:117 Resp: 322467
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion:152 Resp: 130947
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.7 0.0 347.6

