

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016569.D
 Acq On : 01 Dec 2023 18:33
 Operator : SY/MD
 Sample : 05602-09
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROUTE-4-TP-5

Quant Time: Dec 01 23:41:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

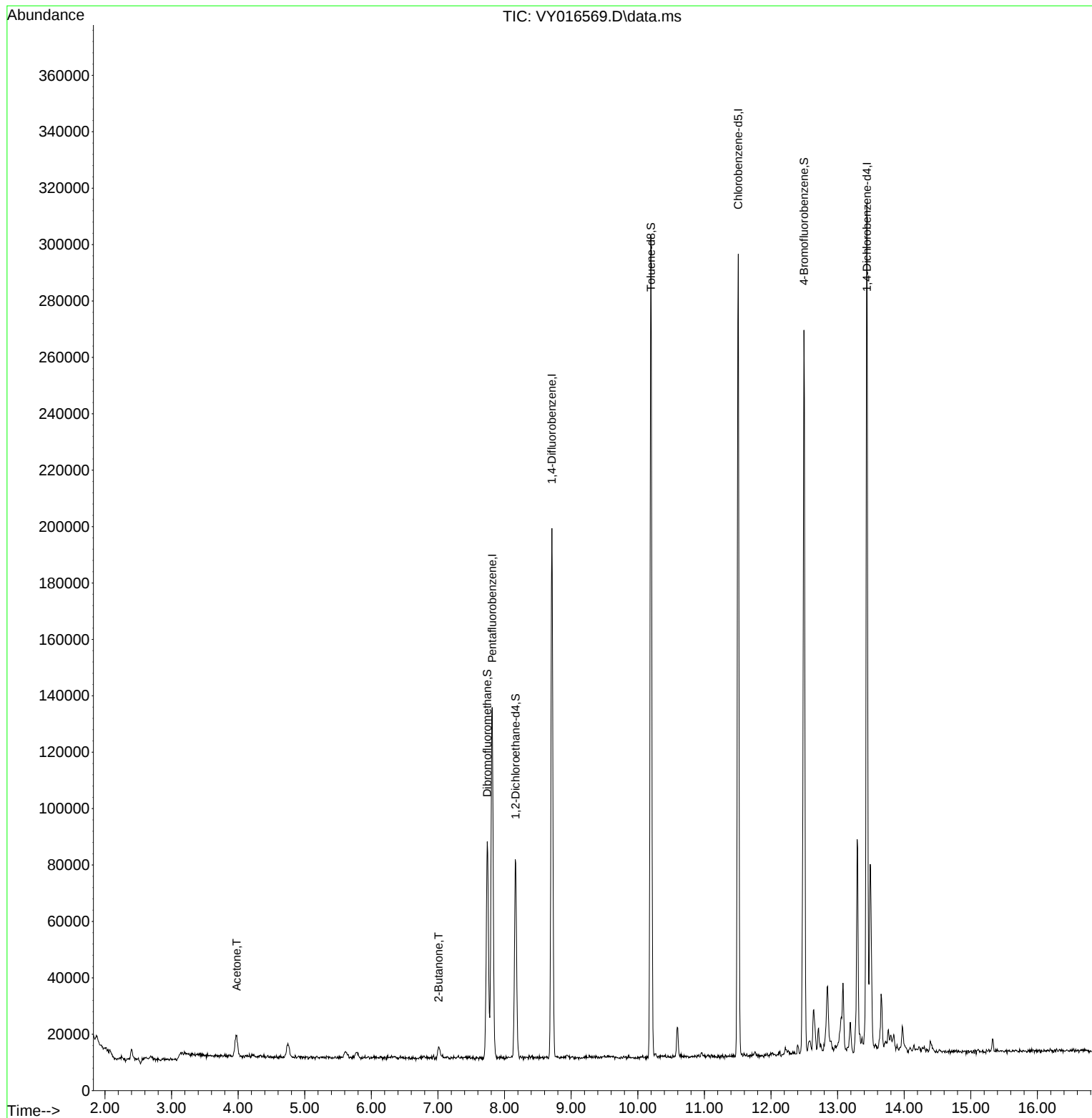
Internal Standards						
1) Pentafluorobenzene	7.813	168	106366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	176402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	172432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	84639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	57150	68.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.020%	
35) Dibromofluoromethane	7.740	113	55421	53.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.060%	
50) Toluene-d8	10.197	98	201543	50.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.496	95	75054	59.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	13155	80.170	ug/l #	74
25) 2-Butanone	7.009	43	5720	25.229	ug/l #	86

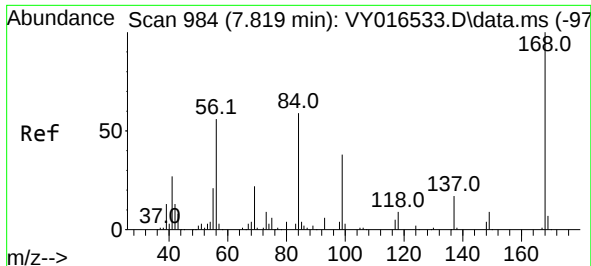
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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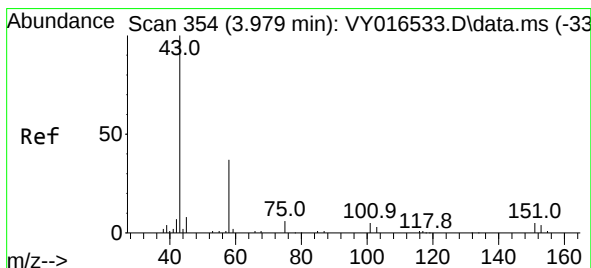
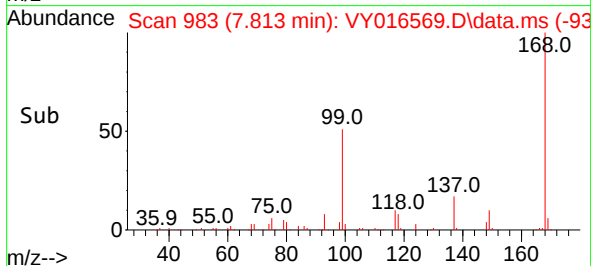
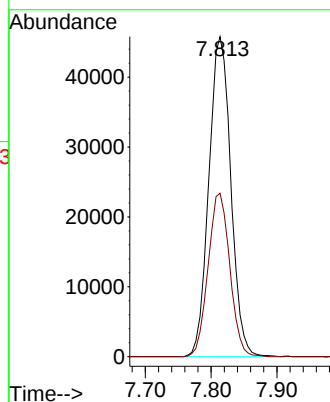
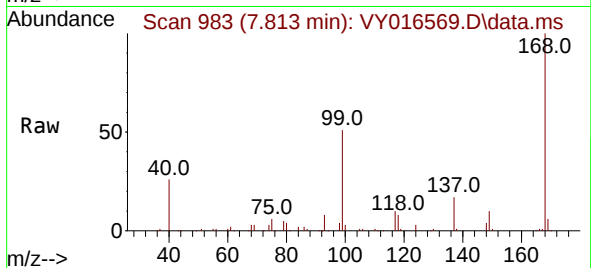




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

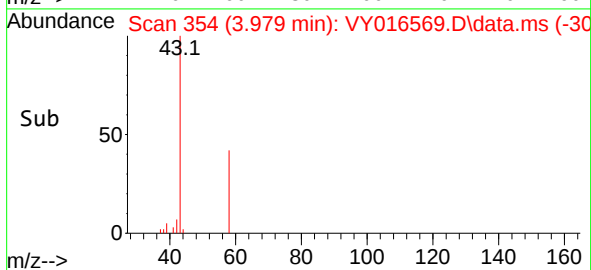
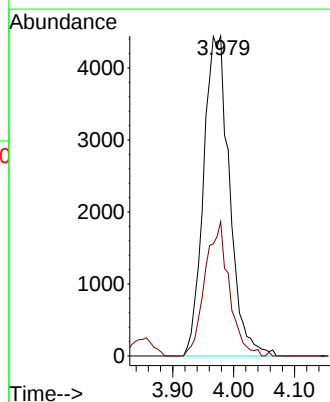
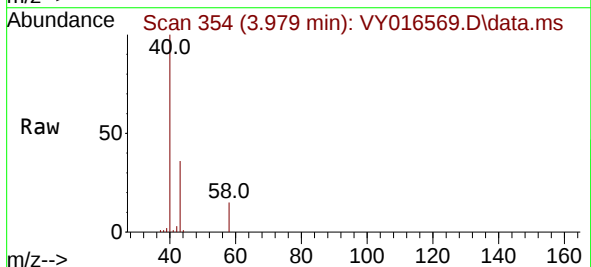
Instrument :
MSVOA_Y
ClientSampleId :
ROUTE-4-TP-5

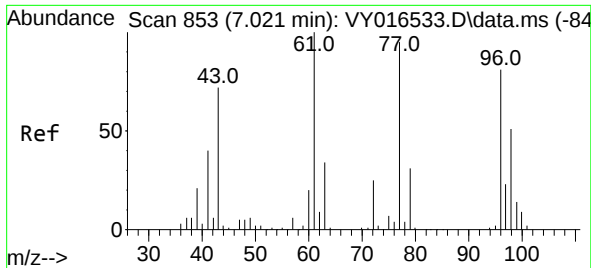
Tgt Ion:168 Resp: 106366
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#16
Acetone
Concen: 80.170 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

Tgt Ion: 43 Resp: 13155
Ion Ratio Lower Upper
43 100
58 41.9 22.7 34.1#

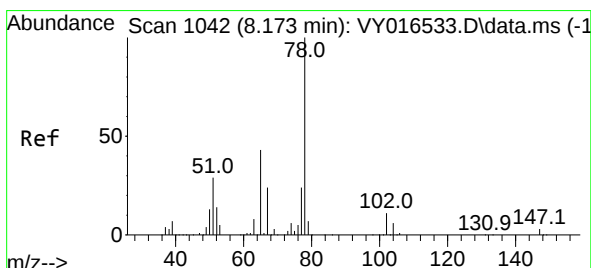
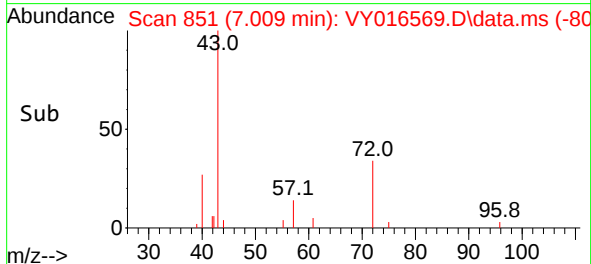
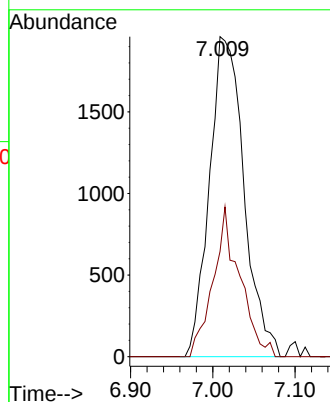
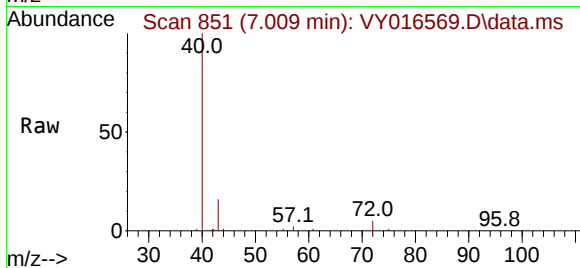




#25
2-Butanone
Concen: 25.229 ug/l
RT: 7.009 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

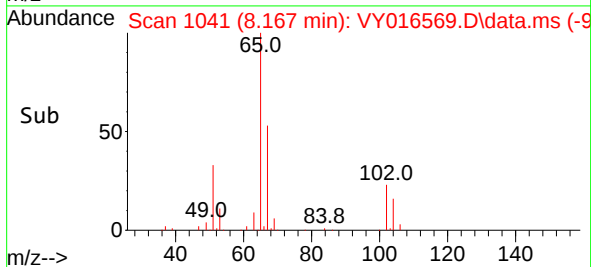
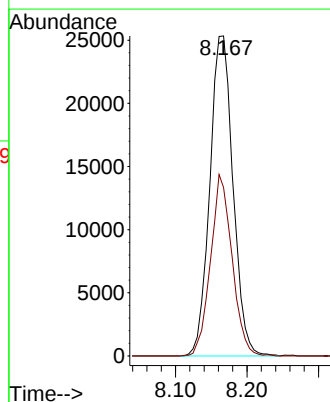
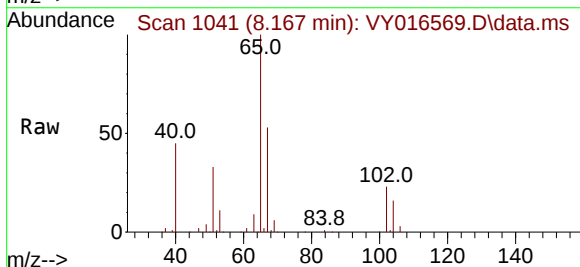
Instrument :
MSVOA_Y
ClientSampleId :
ROUTE-4-TP-5

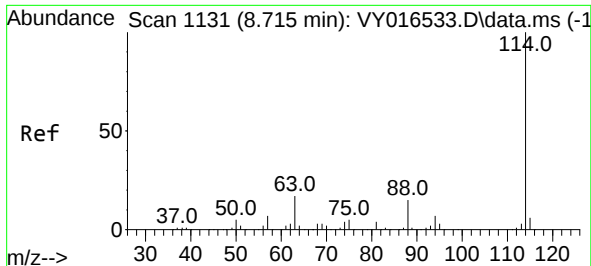
Tgt Ion: 43 Resp: 5720
Ion Ratio Lower Upper
43 100
72 32.9 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 68.008 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

Tgt Ion: 65 Resp: 57150
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016569.D

Acq: 01 Dec 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

ROUTE-4-TP-5

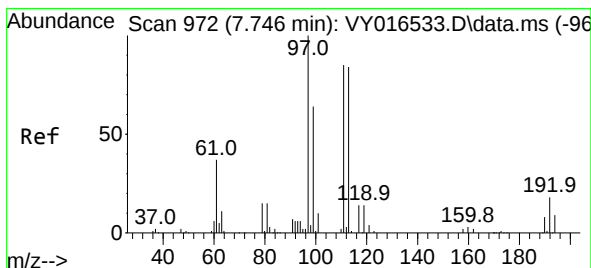
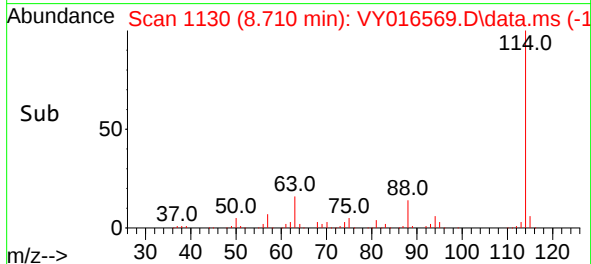
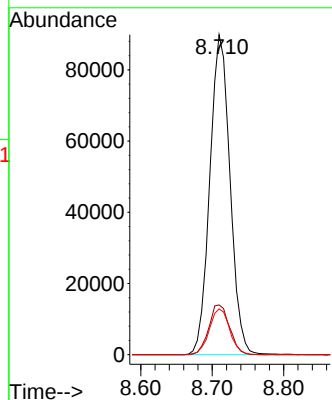
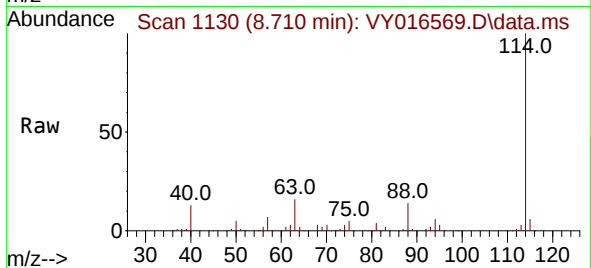
Tgt Ion:114 Resp: 176402

Ion Ratio Lower Upper

114 100

63 15.6 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.530 ug/l

RT: 7.740 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY016569.D

Acq: 01 Dec 2023 18:33

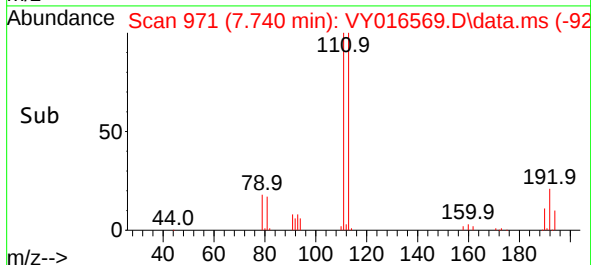
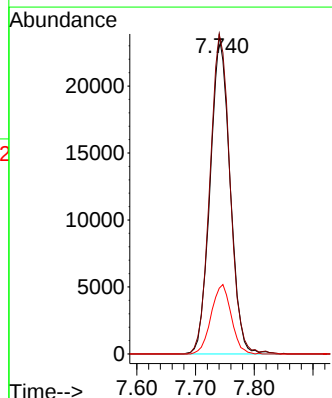
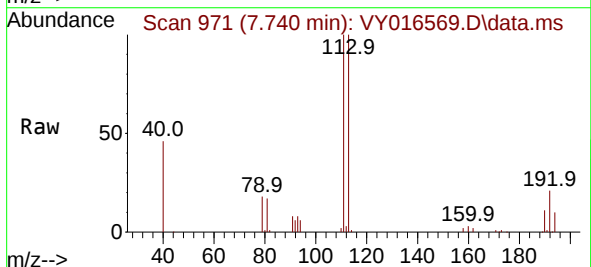
Tgt Ion:113 Resp: 55421

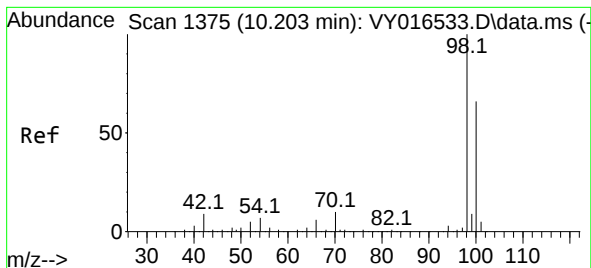
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 22.1 16.9 25.3

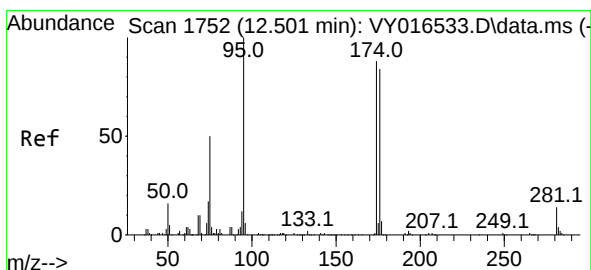
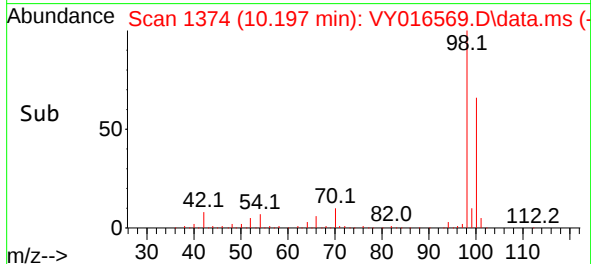
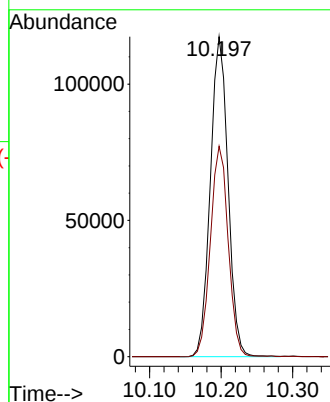
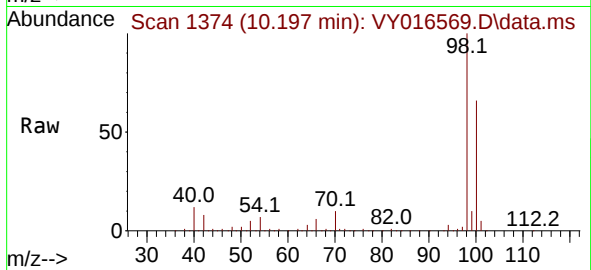




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

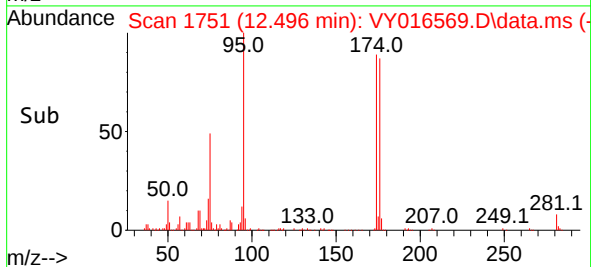
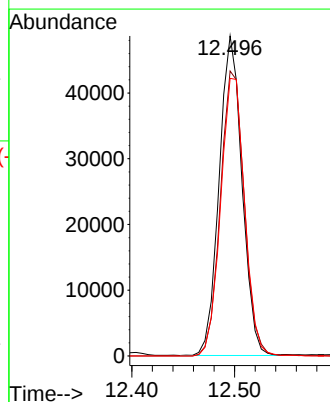
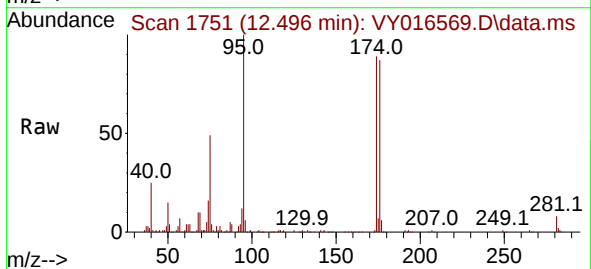
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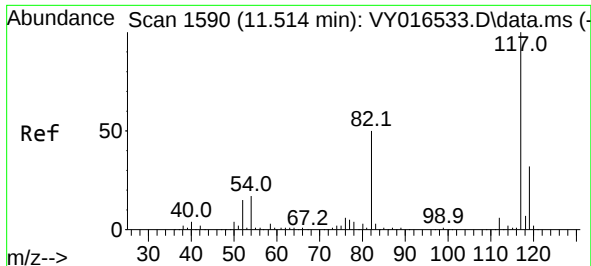
Tgt Ion: 98 Resp: 201543
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 59.581 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

Tgt Ion: 95 Resp: 75054
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 91.3 0.0 173.8

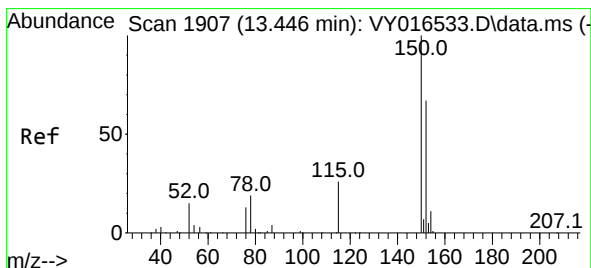
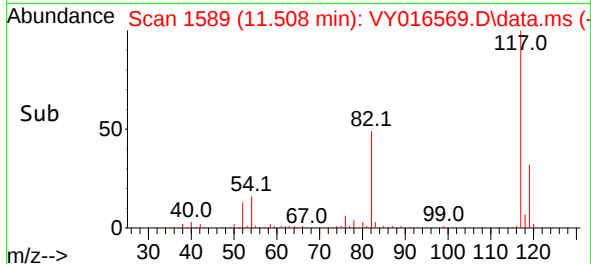
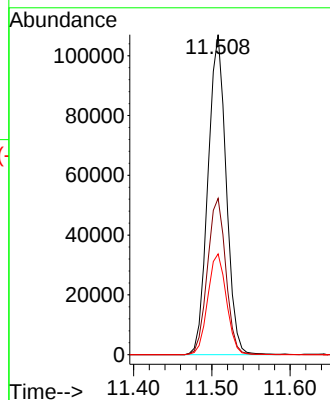
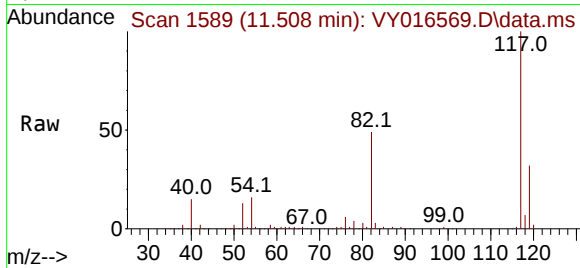




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :
ROUTE-4-TP-5

Tgt Ion:117 Resp: 172432
Ion Ratio Lower Upper
117 100
82 48.9 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016569.D
Acq: 01 Dec 2023 18:33

Tgt Ion:152 Resp: 84639
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 157.1 0.0 348.8

