

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017079.D
 Acq On : 22 Jan 2024 17:15
 Operator : SY/MD
 Sample : P1218-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1029

Quant Time: Jan 23 01:48:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

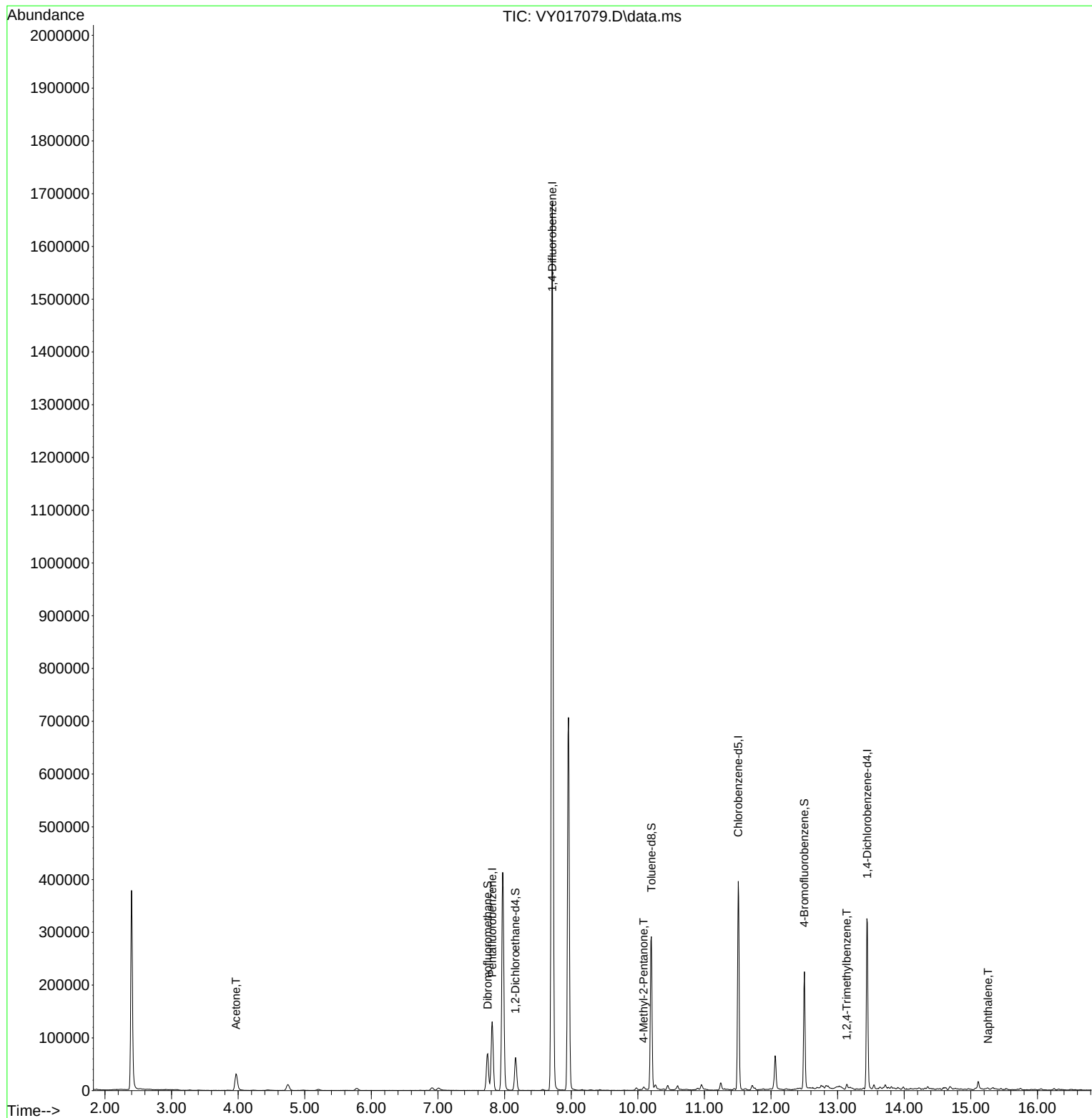
Internal Standards						
1) Pentafluorobenzene	7.813	168	97523	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	233173	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	213417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	81401	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46777	48.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.746	113	49914	33.593	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.180%
50) Toluene-d8	10.203	98	194630	38.039	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.080%
62) 4-Bromofluorobenzene	12.502	95	65650	38.030	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.060%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	56088	234.615	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	3713	3.705	ug/l	91
84) 1,2,4-Trimethylbenzene	13.136	105	5465	1.056	ug/l	97
95) Naphthalene	15.257	128	2324	1.671	ug/l #	83

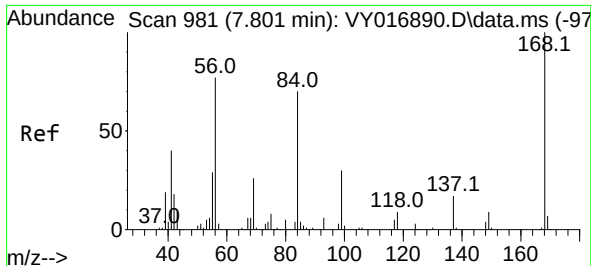
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

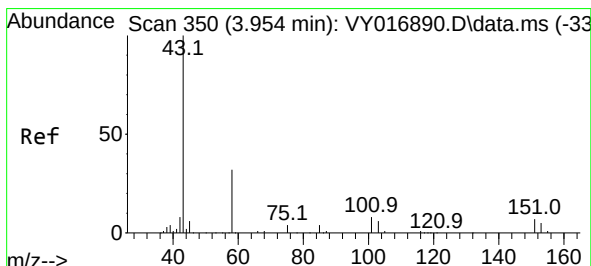
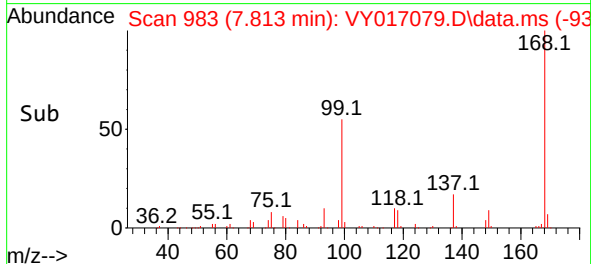
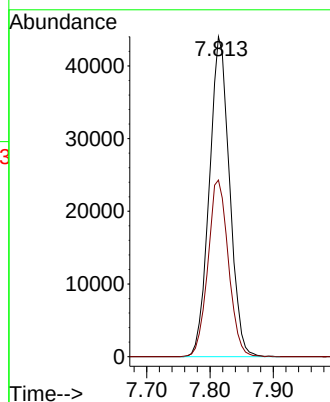
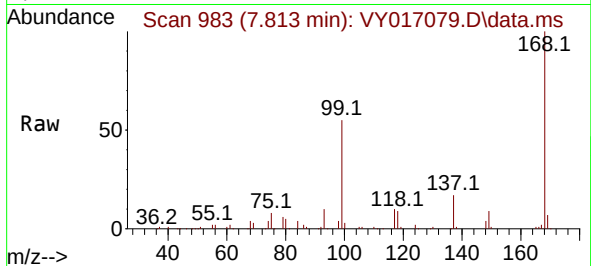




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

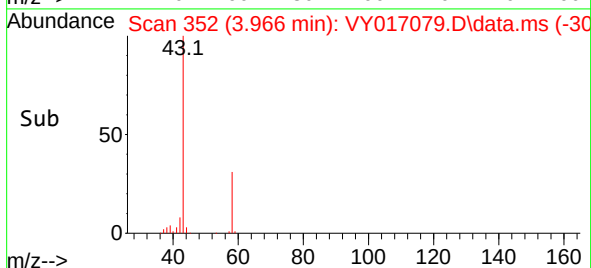
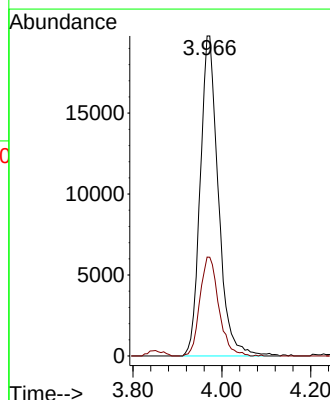
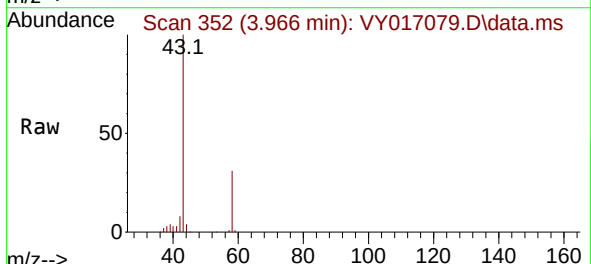
Instrument :
MSVOA_Y
ClientSampleId :
1029

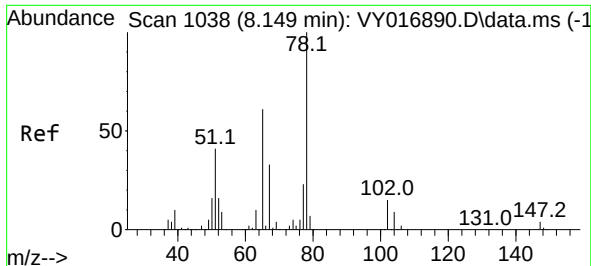
Tgt Ion:168 Resp: 97523
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#16
Acetone
Concen: 234.615 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Tgt Ion: 43 Resp: 56088
Ion Ratio Lower Upper
43 100
58 30.9 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 48.530 ug/l

RT: 8.161 min Scan# 11029

Delta R.T. 0.006 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

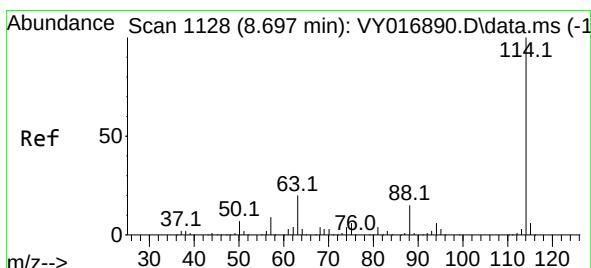
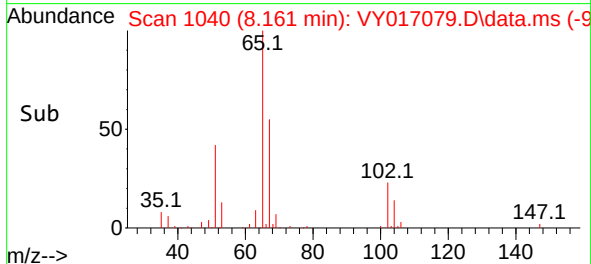
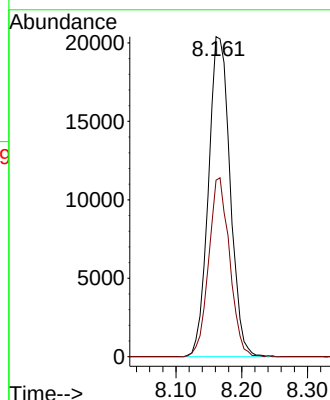
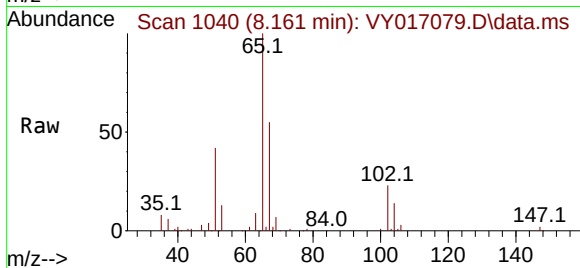
1029

Tgt Ion: 65 Resp: 46777

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

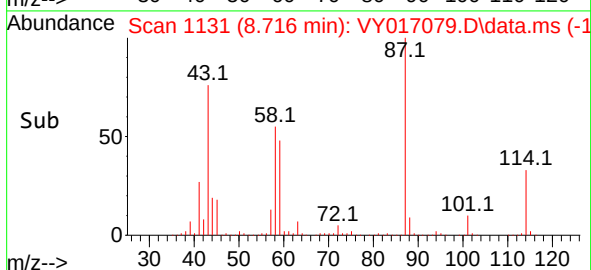
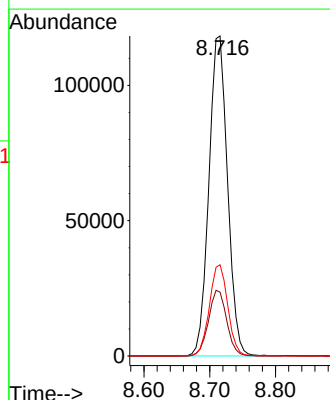
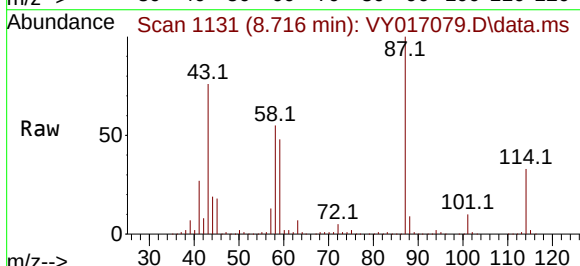
Tgt Ion: 114 Resp: 233173

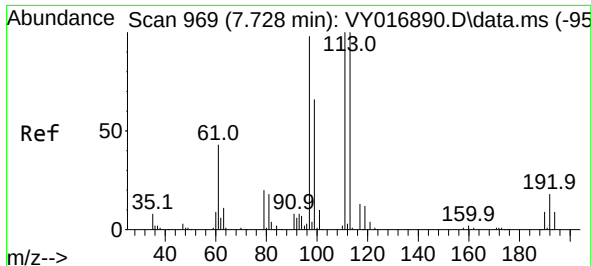
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 28.5 0.0 29.0

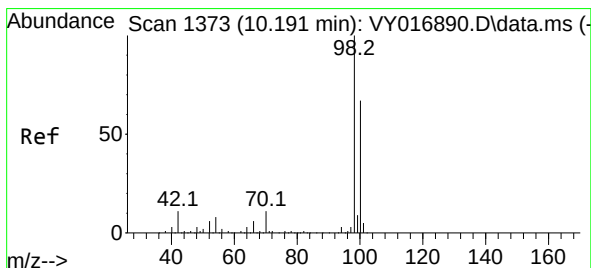
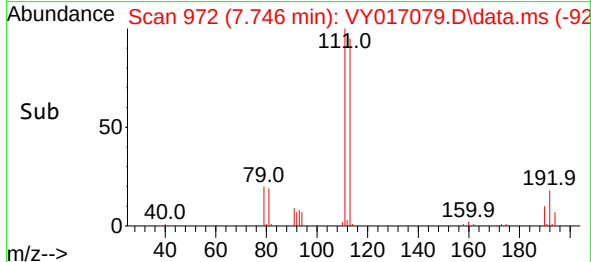
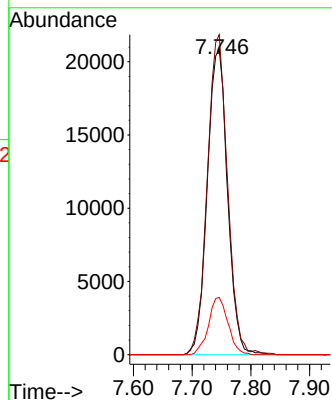
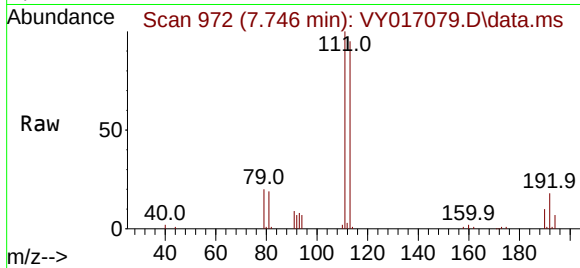




#35
Dibromofluoromethane
Concen: 33.593 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

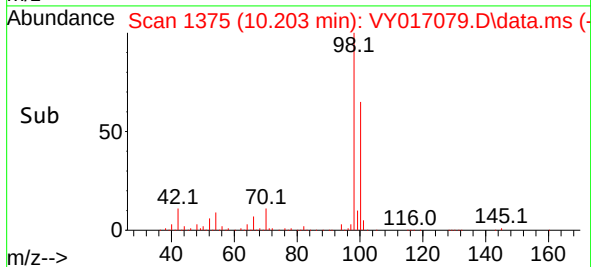
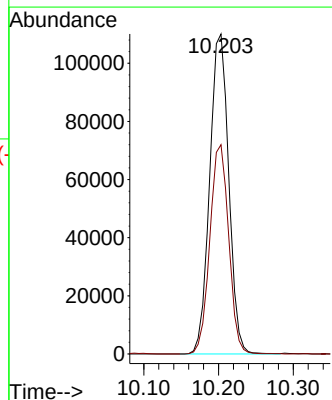
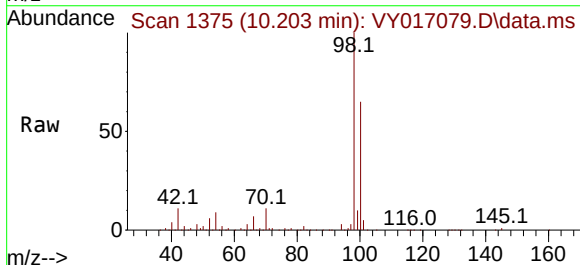
Instrument :
MSVOA_Y
ClientSampleId :
1029

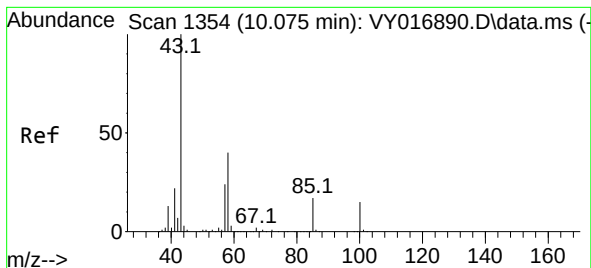
Tgt Ion:113 Resp: 49914
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 18.1 14.5 21.7



#50
Toluene-d8
Concen: 38.039 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Tgt Ion: 98 Resp: 194630
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

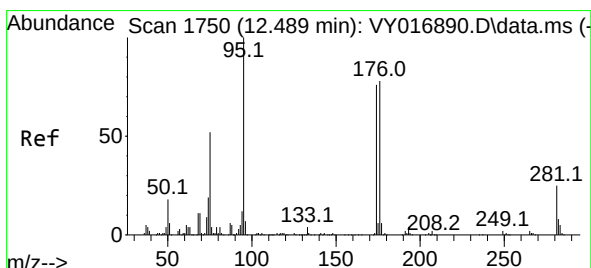
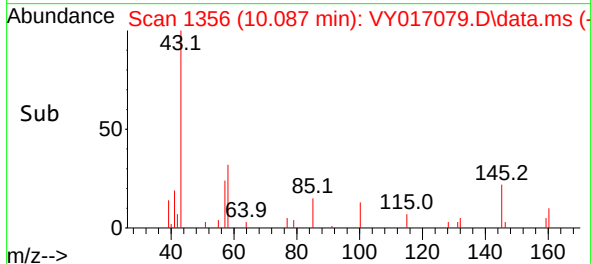
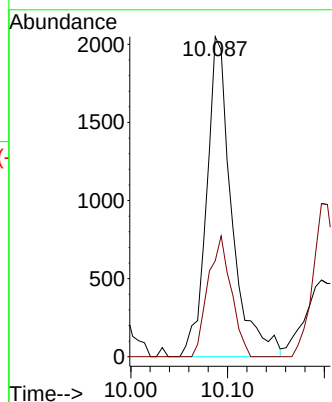
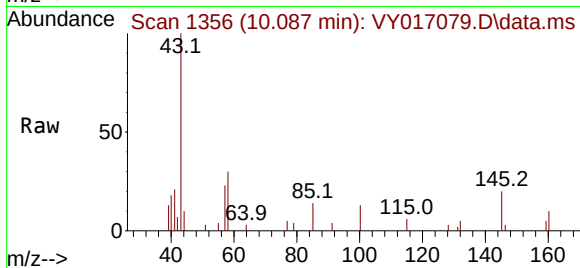




#51
4-Methyl-2-Pentanone
Concen: 3.705 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

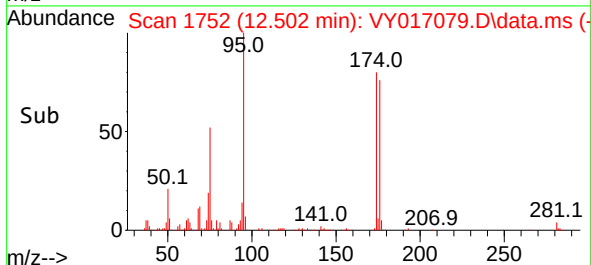
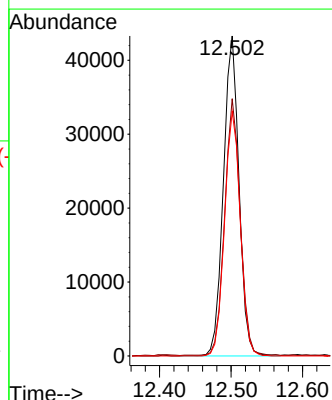
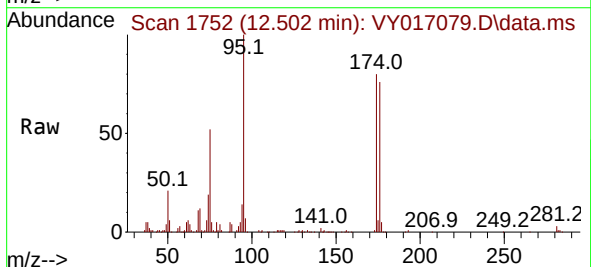
Instrument :
MSVOA_Y
ClientSampleId :
1029

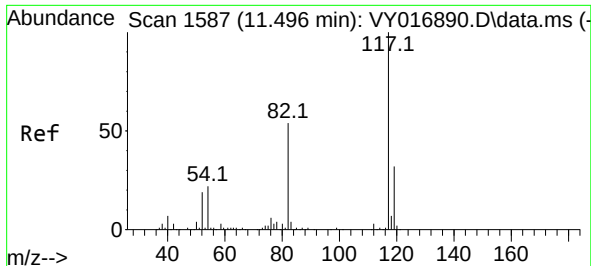
Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
58 34.6 32.2 48.2



#62
4-Bromofluorobenzene
Concen: 38.030 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Tgt Ion: 95 Resp: 65650
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 77.1 0.0 151.8

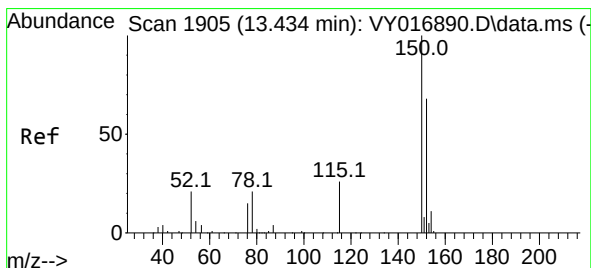
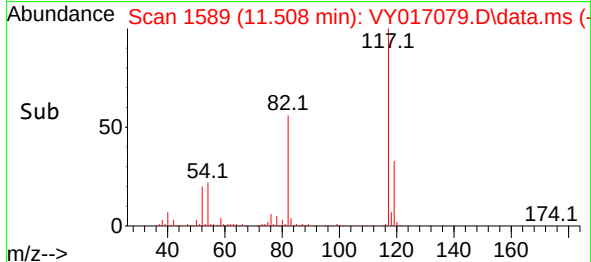
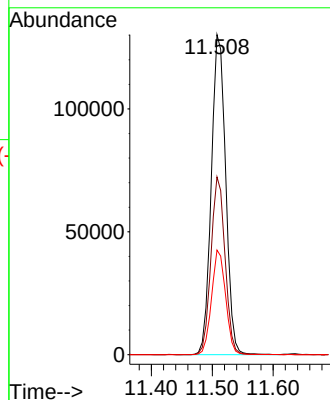
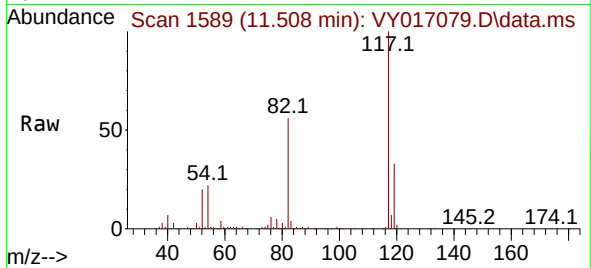




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

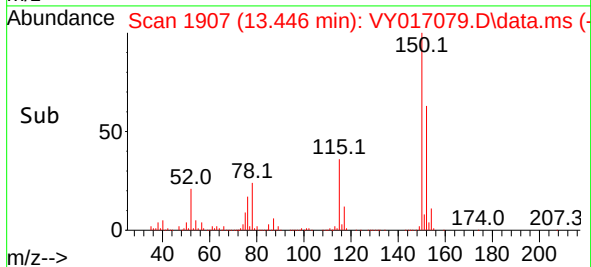
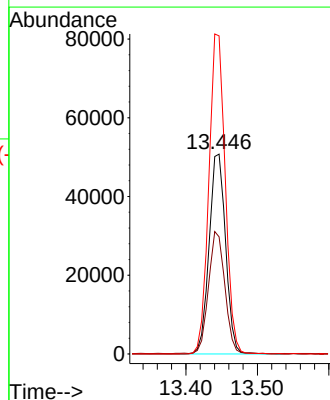
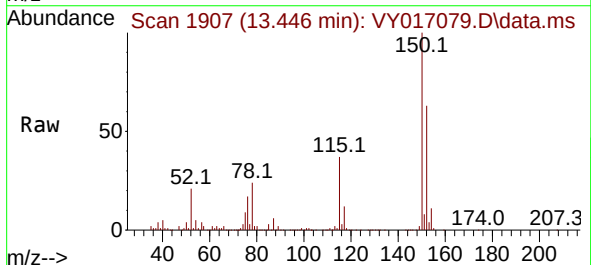
Instrument :
MSVOA_Y
ClientSampleId :
1029

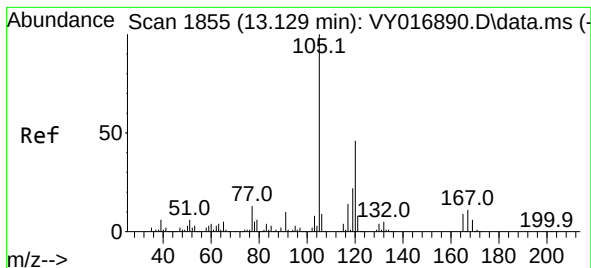
Tgt Ion:117 Resp: 213417
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017079.D
Acq: 22 Jan 2024 17:15

Tgt Ion:152 Resp: 81401
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 158.5 0.0 344.6





#84

1,2,4-Trimethylbenzene

Concen: 1.056 ug/l

RT: 13.136 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

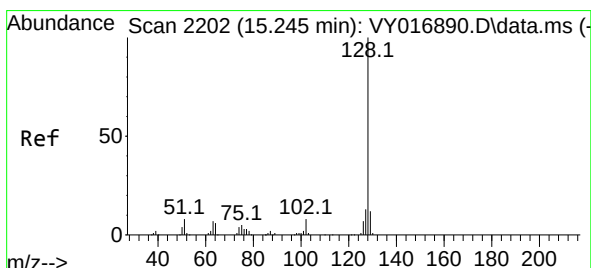
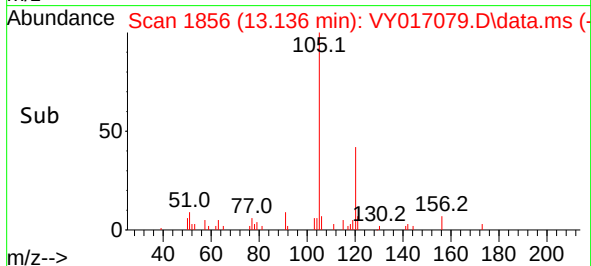
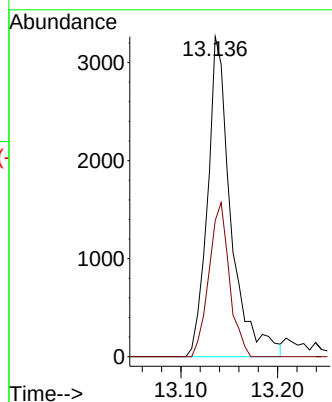
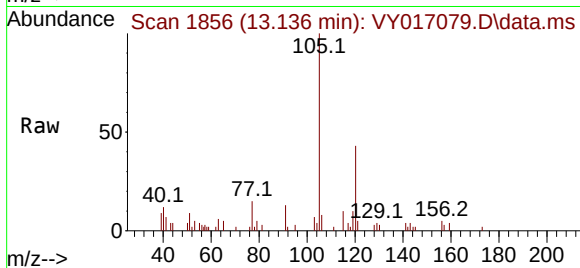
1029

Tgt Ion:105 Resp: 5465

Ion Ratio Lower Upper

105 100

120 42.1 22.1 66.3



#95

Naphthalene

Concen: 1.671 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017079.D

Acq: 22 Jan 2024 17:15

Tgt Ion:128 Resp: 2324

Ion Ratio Lower Upper

128 100

127 15.4 10.2 15.4#

129 21.7 8.6 12.8#

