

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014150.D
 Acq On : 13 Jun 2023 19:23
 Operator : KP/MD
 Sample : 03186-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-061323

Quant Time: Jun 14 01:39:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

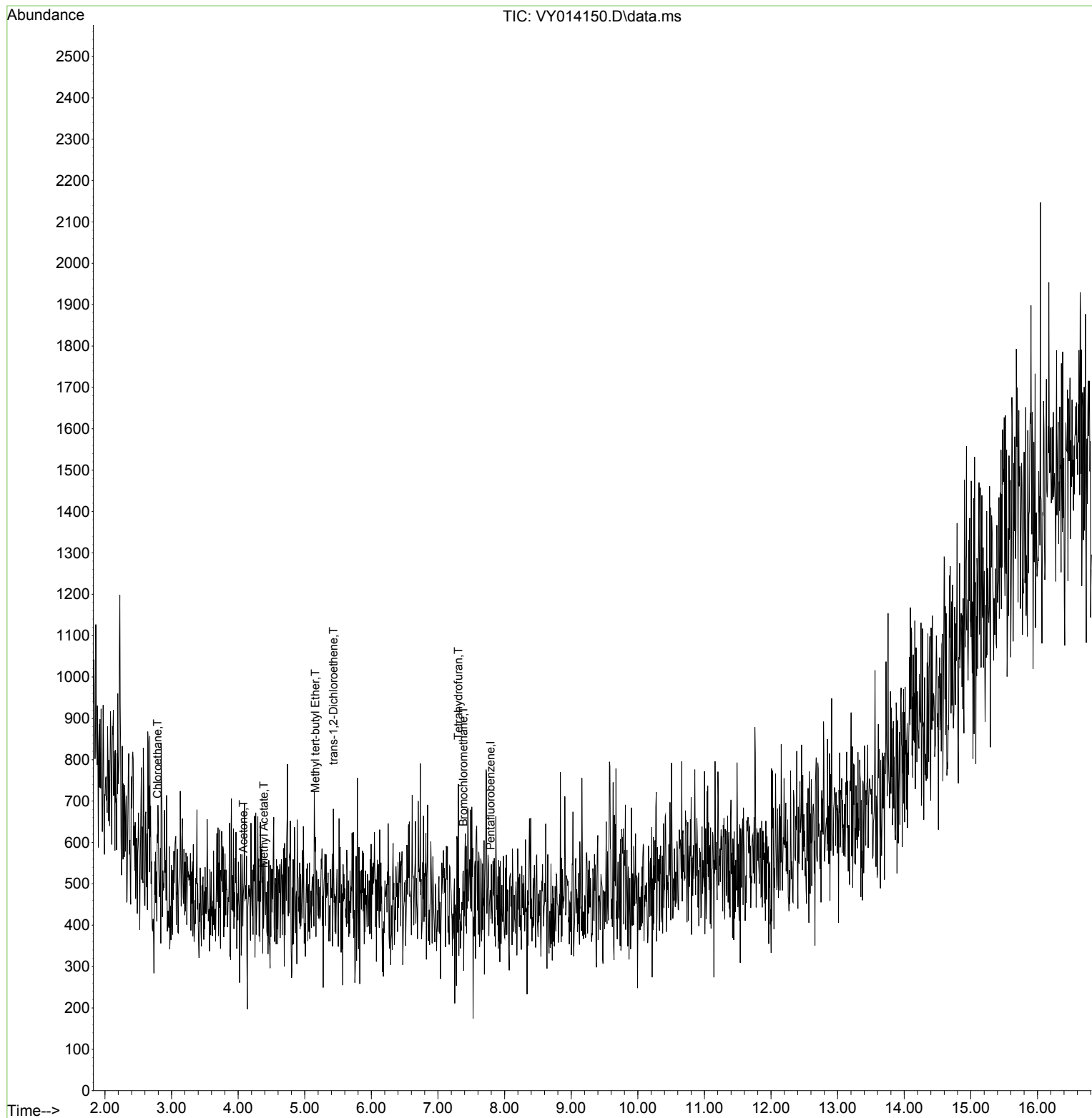
Internal Standards						
1) Pentafluorobenzene	7.789	168	40	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-8.69
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.789	64	33	88.369	ug/l #	44
16) Acetone	4.076	43	20	119.119	ug/l #	46
18) Methyl Acetate	4.387	43	20	30.689	ug/l #	54
19) Methyl tert-butyl Ether	5.161	73	56	41.574	ug/l #	54
21) trans-1,2-Dichloroethene	5.429	96	41	80.488	ug/l #	1
28) Bromochloromethane	7.380	49	23	61.886	ug/l #	14
29) Tetrahydrofuran	7.307	42	28	213.650	ug/l #	35

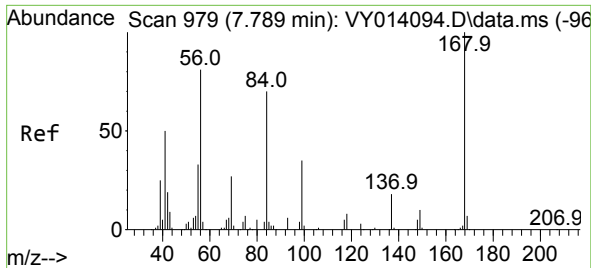
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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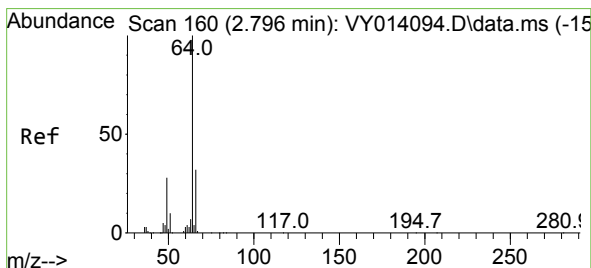
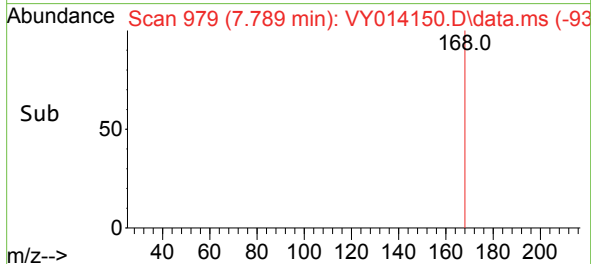
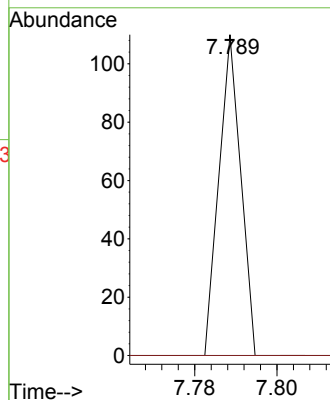
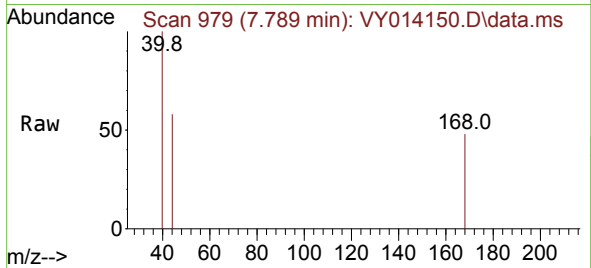




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

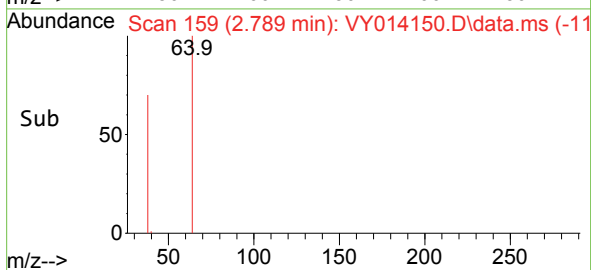
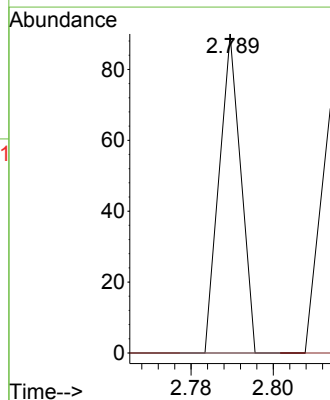
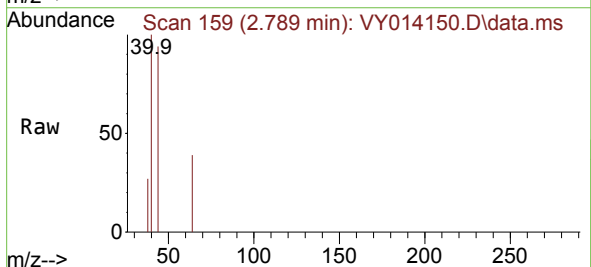
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061323

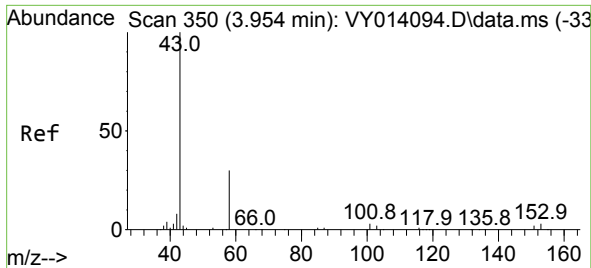
Tgt Ion:168 Resp: 40
Ion Ratio Lower Upper
168 100
99 0.0 43.4 65.0#



#6
Chloroethane
Concen: 88.369 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.007 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Tgt Ion: 64 Resp: 33
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#

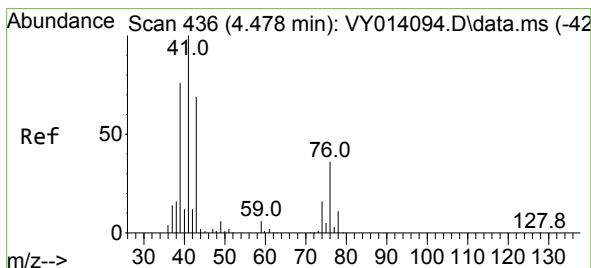
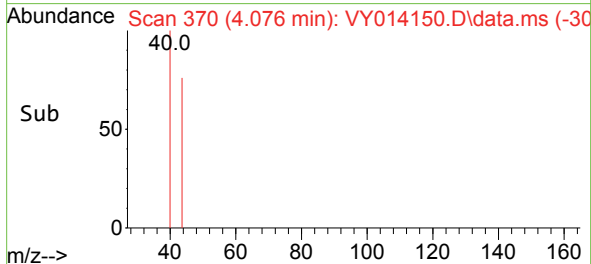
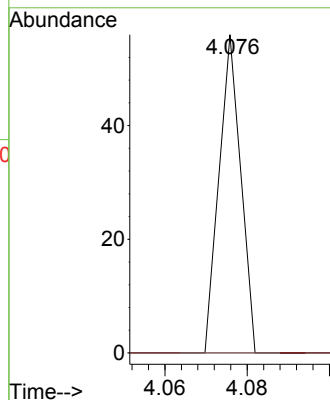
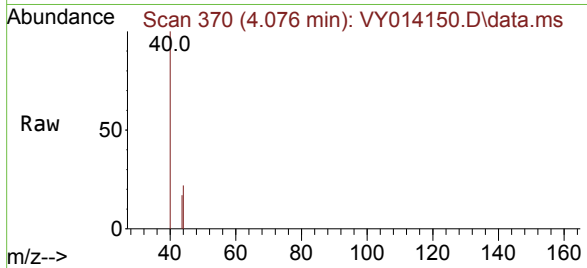




#16
Acetone
Concen: 119.119 ug/l
RT: 4.076 min Scan# 31
Delta R.T. 0.122 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

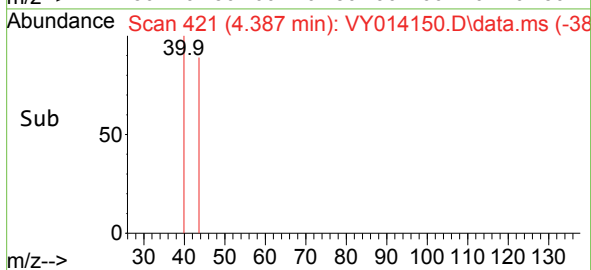
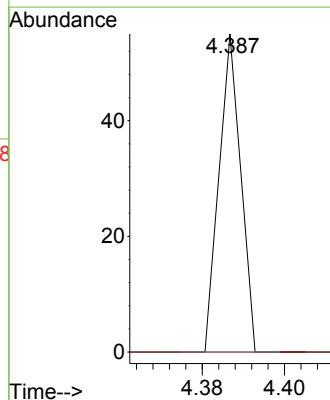
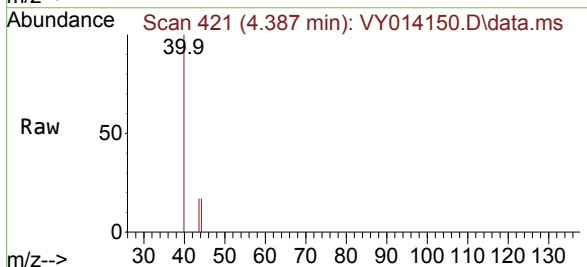
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061323

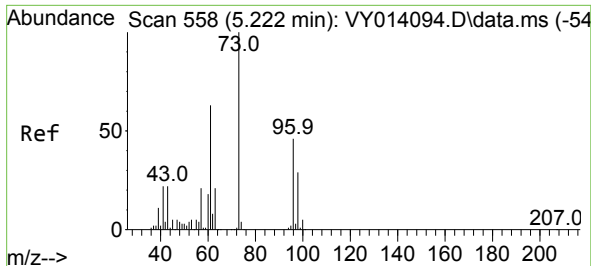
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#18
Methyl Acetate
Concen: 30.689 ug/l
RT: 4.387 min Scan# 421
Delta R.T. -0.091 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

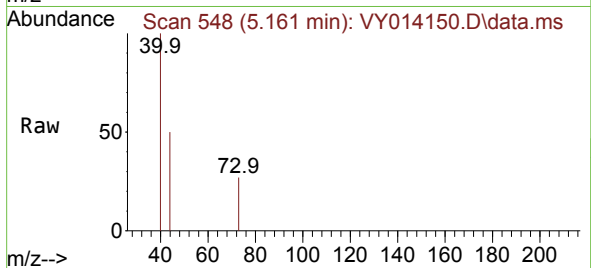
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



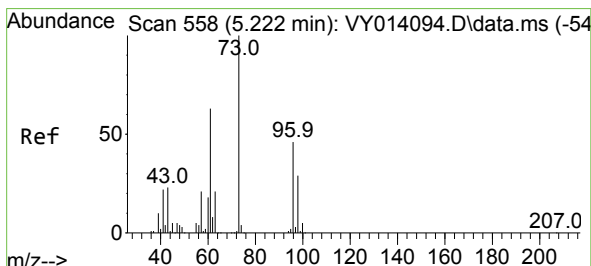
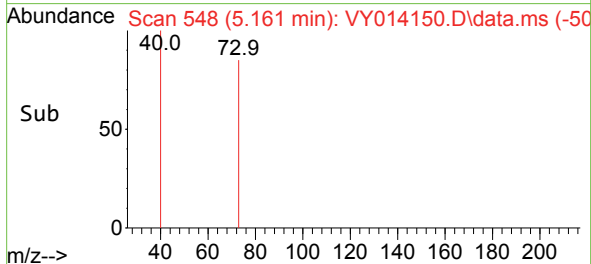
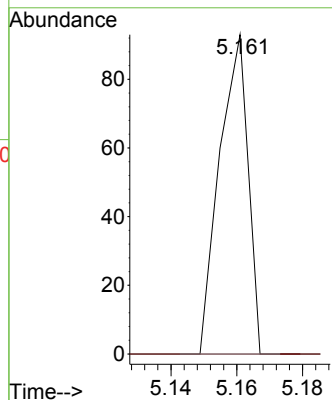


#19
Methyl tert-butyl Ether
Concen: 41.574 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.061 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061323

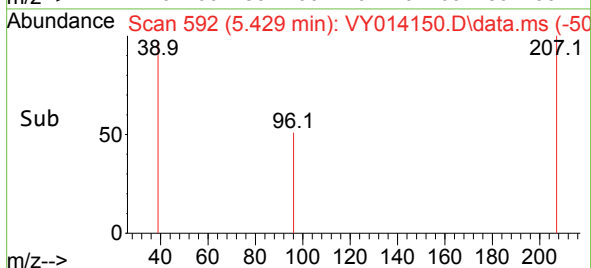
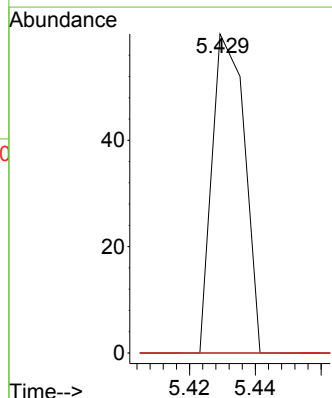
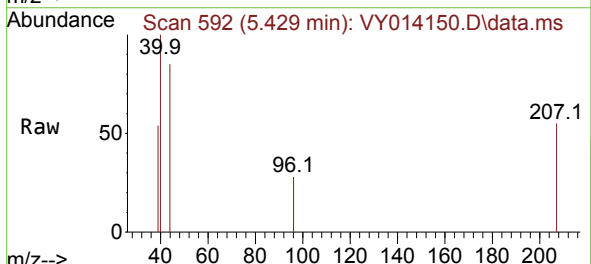


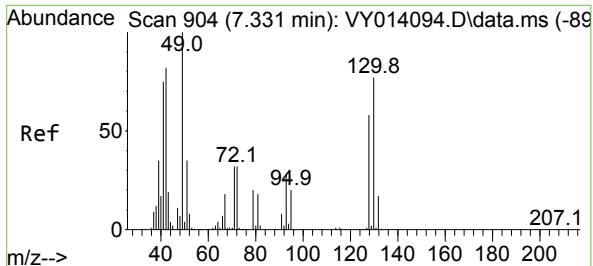
Tgt Ion: 73 Resp: 56
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



#21
trans-1,2-Dichloroethene
Concen: 80.488 ug/l
RT: 5.429 min Scan# 592
Delta R.T. 0.207 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Tgt Ion: 96 Resp: 41
Ion Ratio Lower Upper
96 100
61 0.0 110.2 165.4#
98 0.0 51.8 77.6#

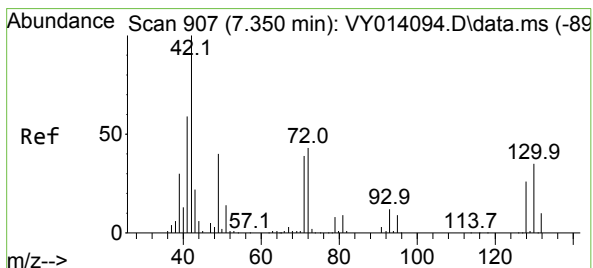
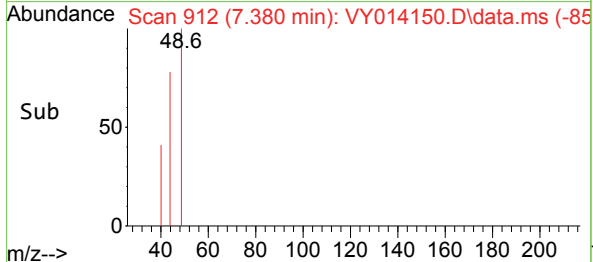
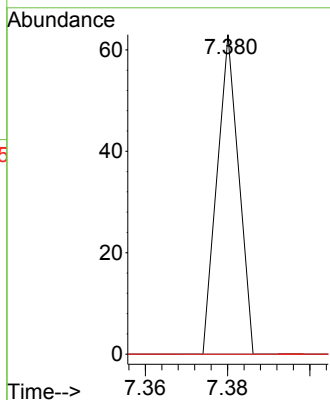
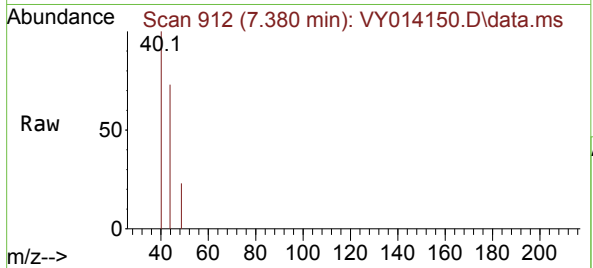




#28
Bromochloromethane
Concen: 61.886 ug/l
RT: 7.380 min Scan# 91
Delta R.T. 0.049 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

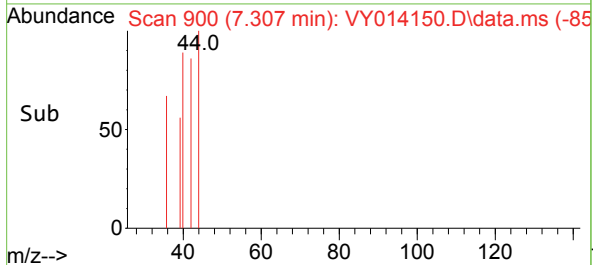
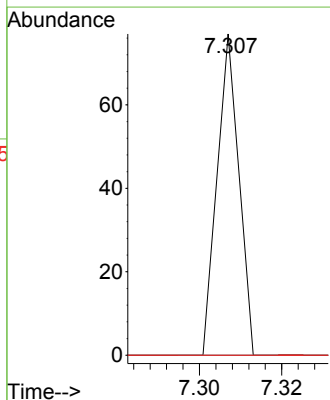
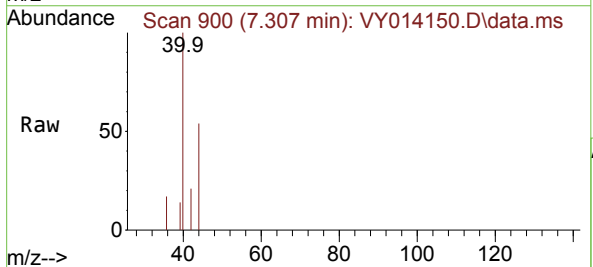
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061323

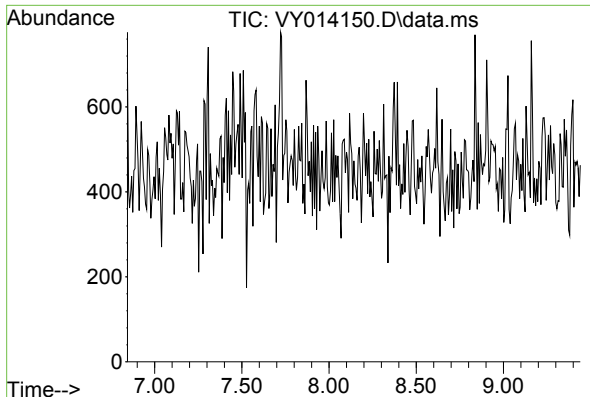
Tgt Ion: 49 Resp: 23
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 60.7 91.1#



#29
Tetrahydrofuran
Concen: 213.650 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.043 min
Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Tgt Ion: 42 Resp: 28
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.0 46.4#

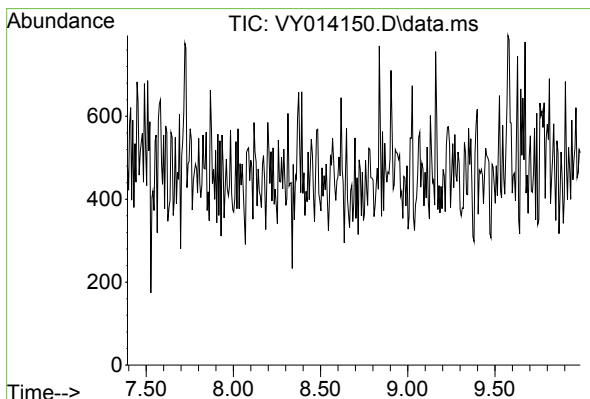
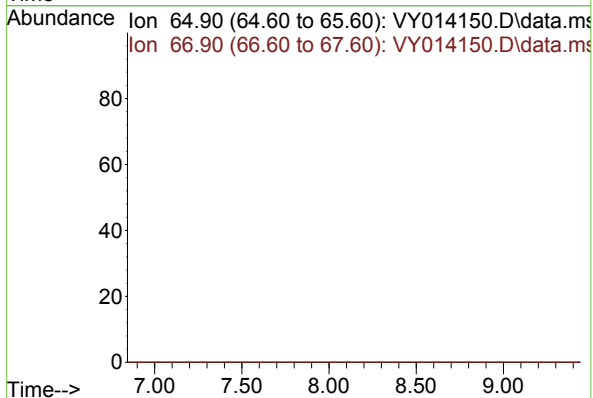




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.14 min
 Lab File: VY014150.D
 Acq: 13 Jun 2023 19:23

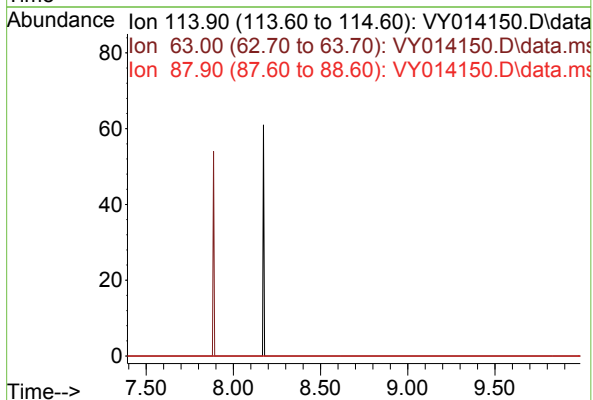
Instrument :
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 ClientSampleId :
 OR-03-061323

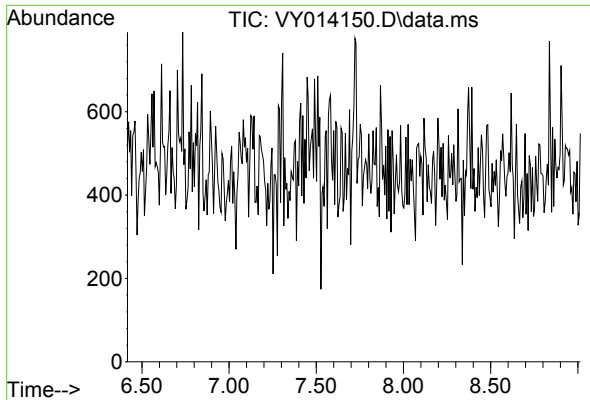
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 50.9



#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.69 min
 Lab File: VY014150.D
 Acq: 13 Jun 2023 19:23

Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 21.2
 88 15.3



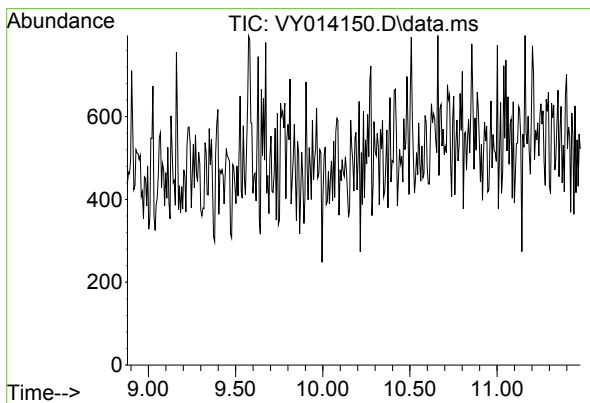
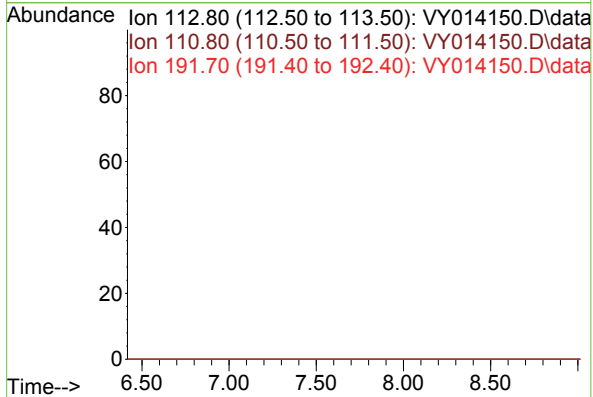


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.72 min

Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061323

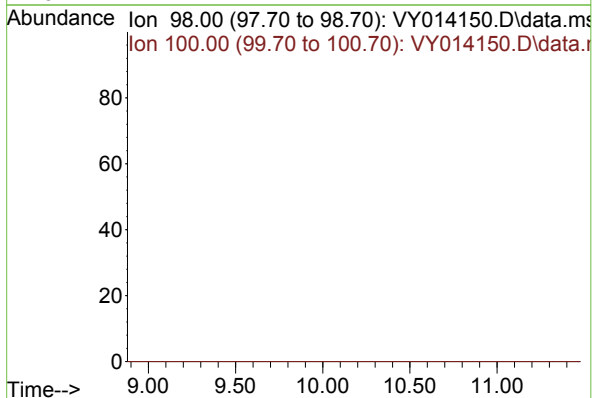
Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.6
192 21.1

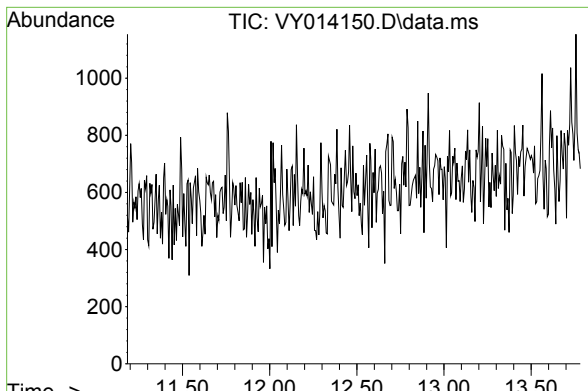


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.18 min

Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Tgt Ion: 98
Sig Exp Ratio
98 100
100 62.6



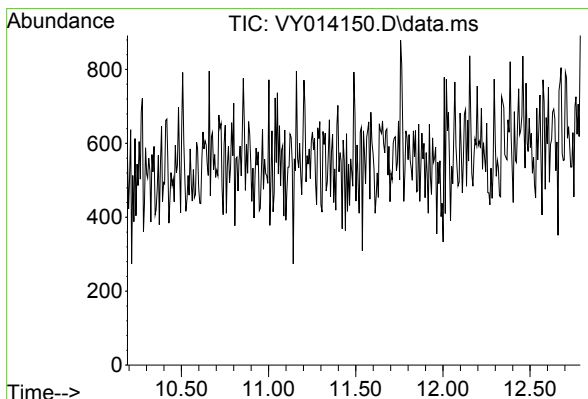
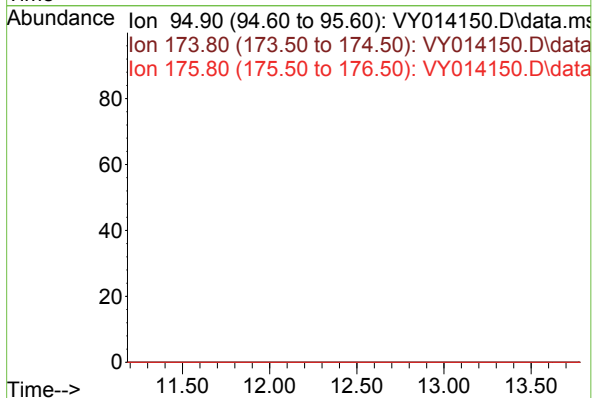


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
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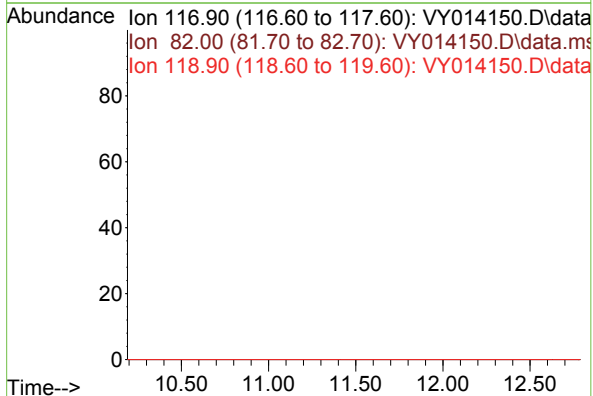
Tgt Ion: 95
Sig Exp Ratio
95 100
174 89.1
176 86.9

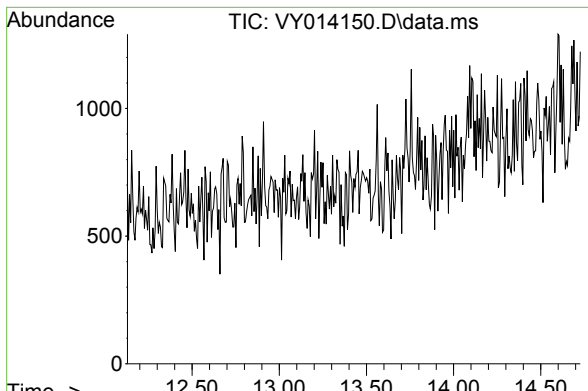


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.49 min

Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Tgt Ion: 117
Sig Exp Ratio
117 100
82 54.2
119 32.9





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY014150.D
Acq: 13 Jun 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061323

Tgt Ion: 152	
Sig	Exp Ratio
152	100
115	57.7
150	174.4

