

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017362.D
 Acq On : 12 Feb 2024 18:41
 Operator : SY/MD
 Sample : P1446-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3475

Quant Time: Feb 13 01:30:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

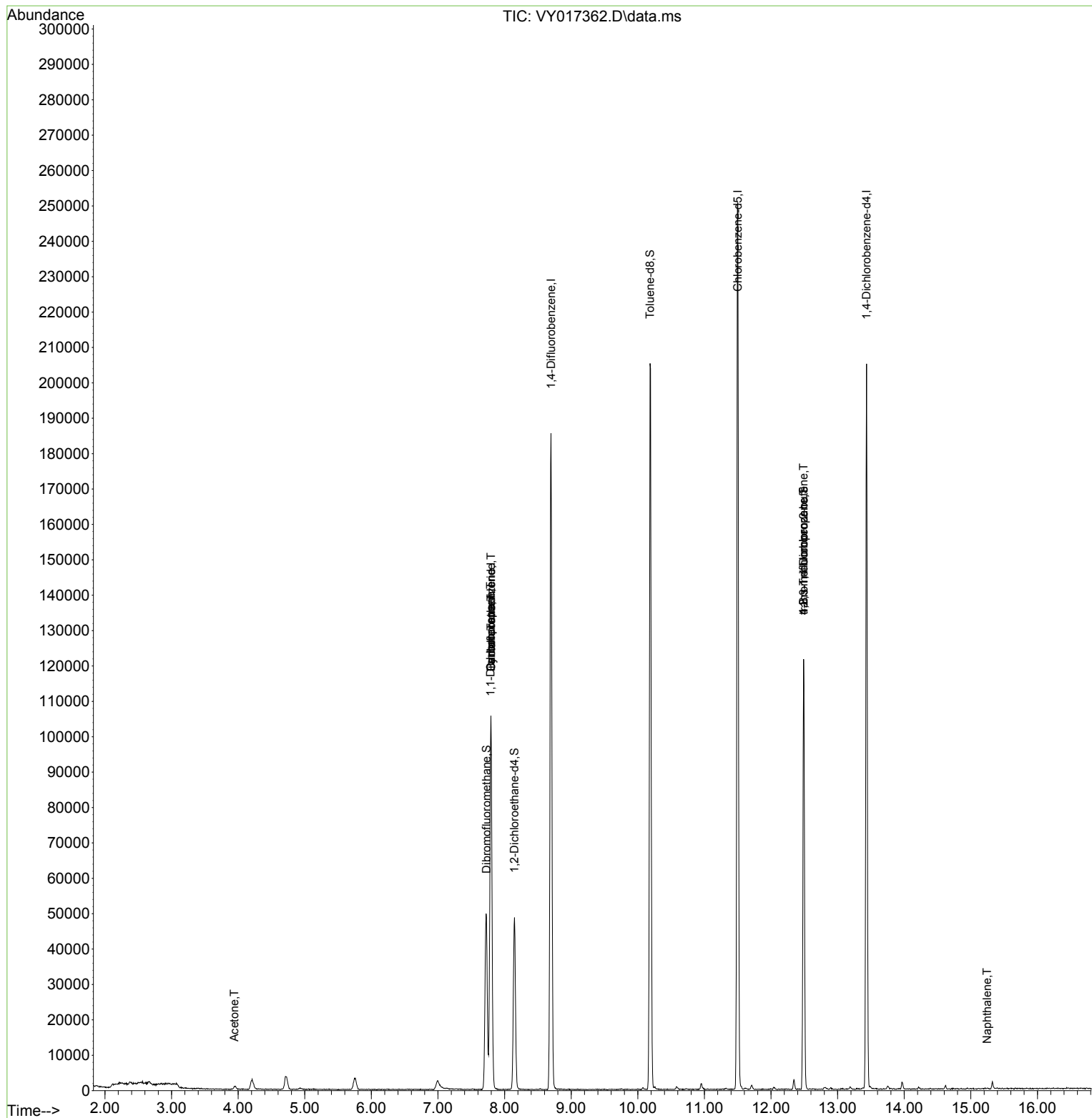
Internal Standards						
1) Pentafluorobenzene	7.795	168	81172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	140914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	51444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36835	50.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.600%
35) Dibromofluoromethane	7.728	113	36139	42.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.300%
50) Toluene-d8	10.185	98	138172	44.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.489	95	37805	37.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	163	Below Cal	#	75
16) Acetone	3.942	43	1439	6.752	ug/l	95
20) Methylene Chloride	4.716	84	3048	Below Cal		93
31) Cyclohexane	7.795	56	1814	1.241	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7008	4.795	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8097	5.787	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	19492	41.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	19492	85.299	ug/l #	12
95) Naphthalene	15.245	128	148	3.524	ug/l #	69

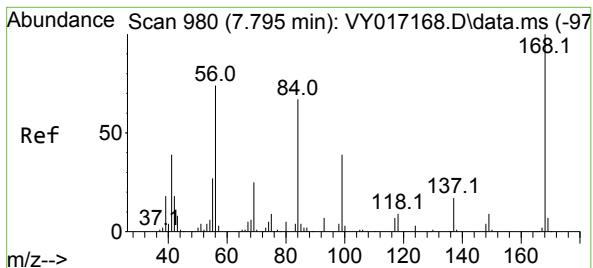
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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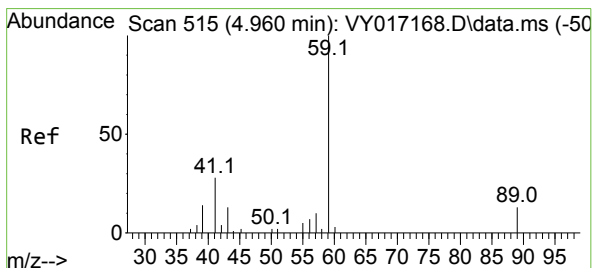
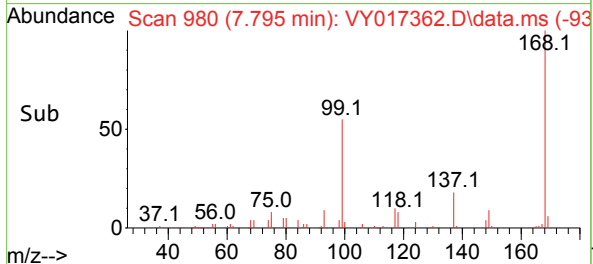
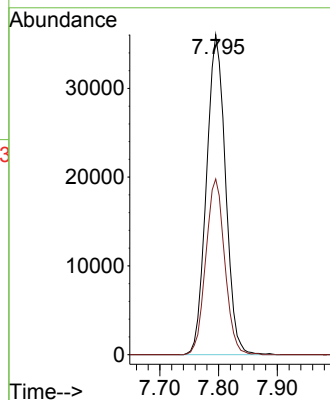
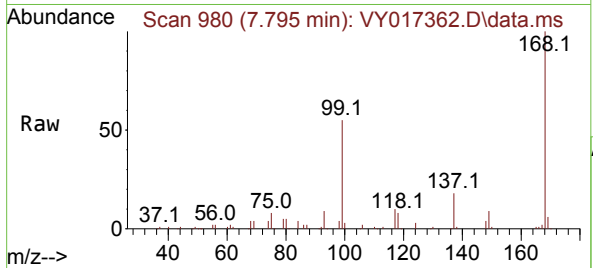




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

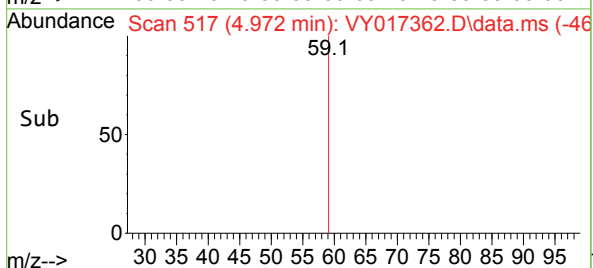
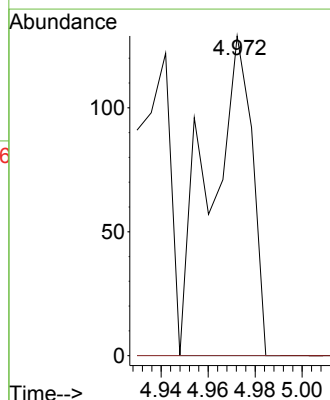
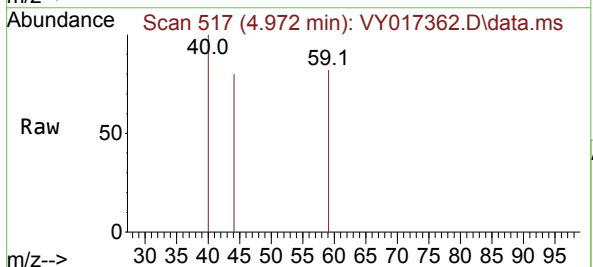
Instrument :
MSVOA_Y
ClientSampleId :
RT3475

Tgt Ion:168 Resp: 81172
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

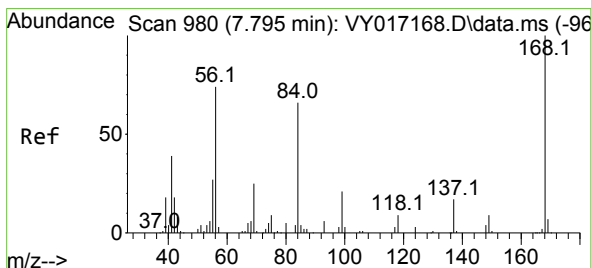
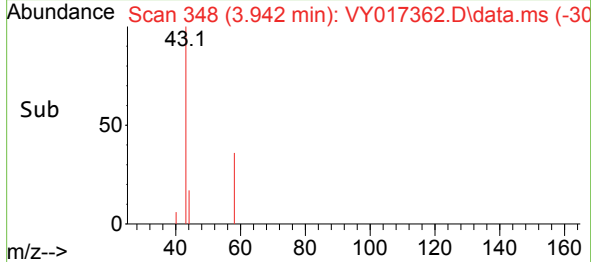
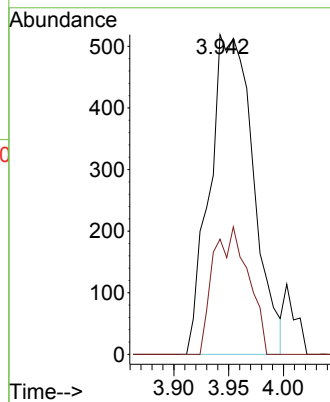
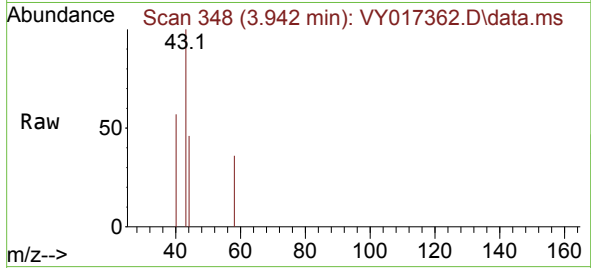




#16
Acetone
Concen: 6.752 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

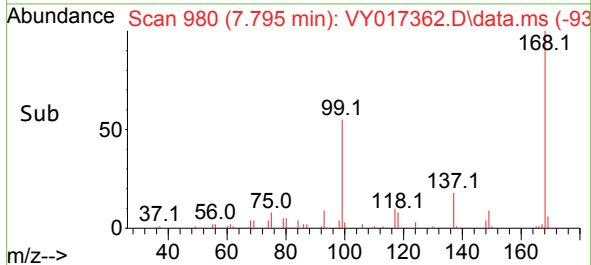
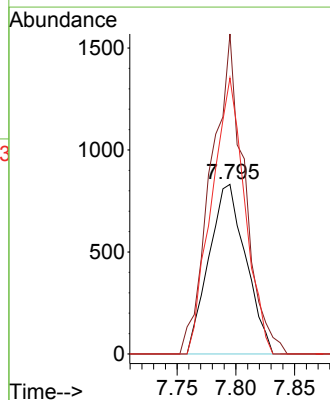
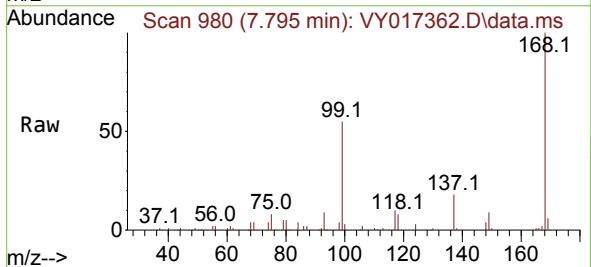
Instrument :
MSVOA_Y
ClientSampleId :
RT3475

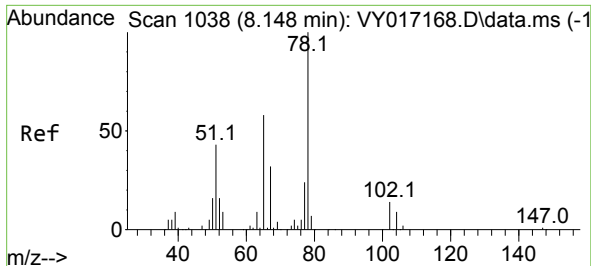
Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 36.0 26.6 39.8



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion: 56 Resp: 1814
Ion Ratio Lower Upper
56 100
69 188.6 27.0 40.6#
84 162.6 71.8 107.6#

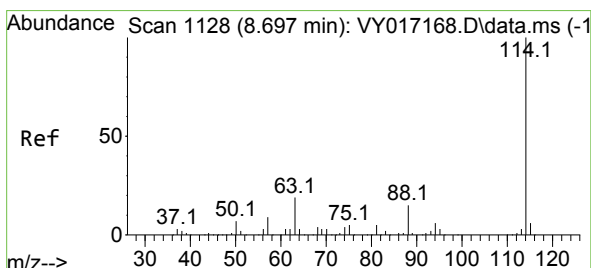
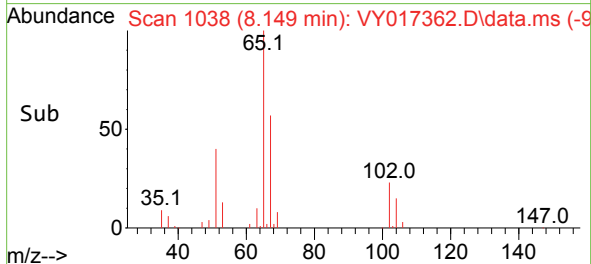
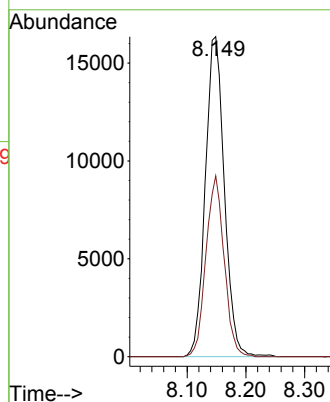
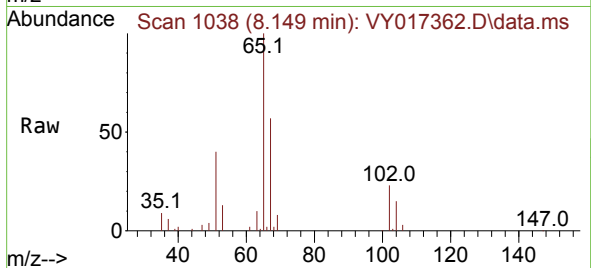




#33
1,2-Dichloroethane-d4
Concen: 50.797 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

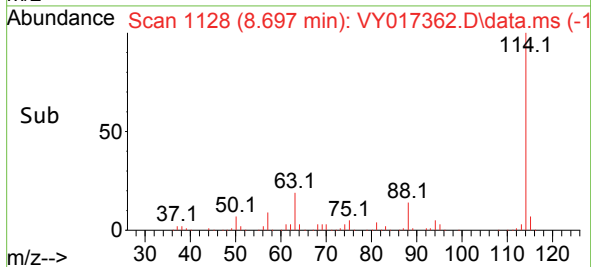
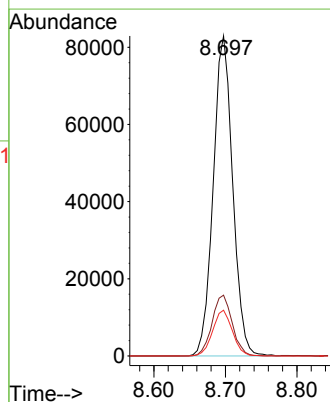
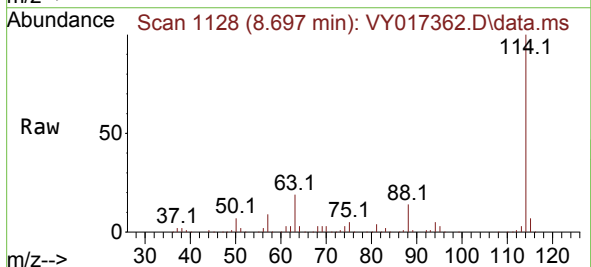
Instrument :
MSVOA_Y
ClientSampleId :
RT3475

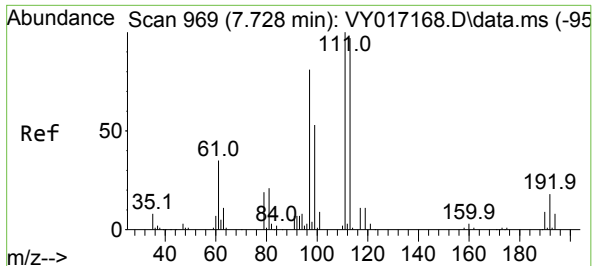
Tgt Ion: 65 Resp: 36835
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion:114 Resp: 156917
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 14.3 0.0 29.0

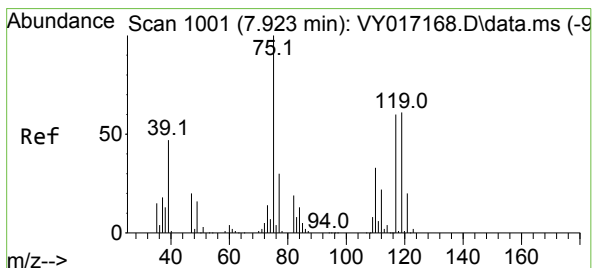
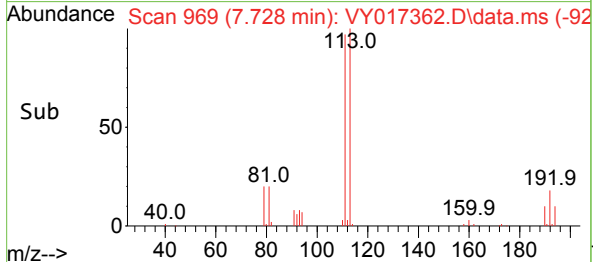
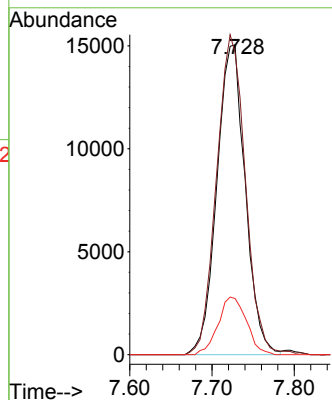
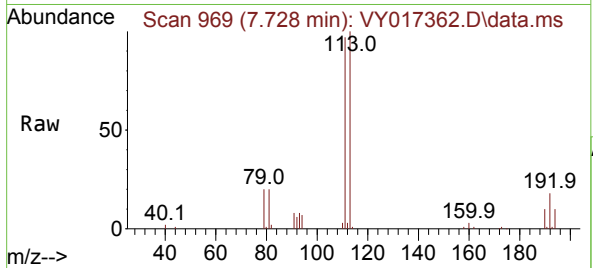




#35
 Dibromofluoromethane
 Concen: 42.654 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY017362.D
 Acq: 12 Feb 2024 18:41

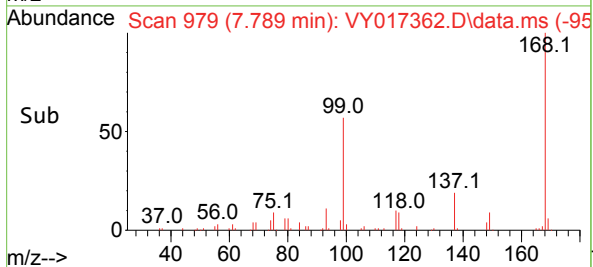
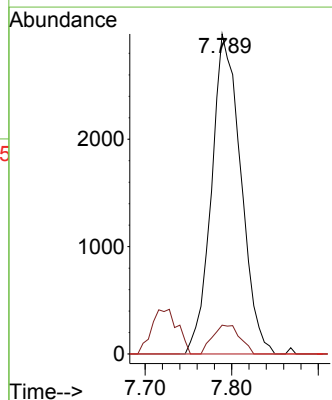
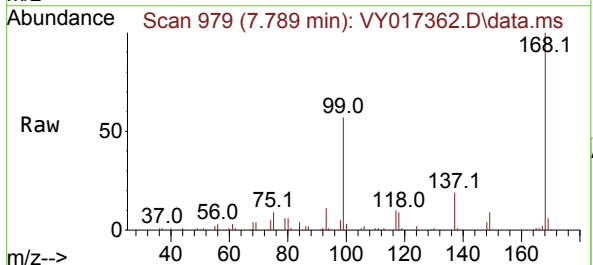
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3475

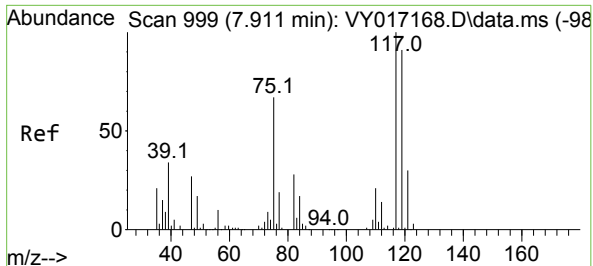
Tgt Ion:113 Resp: 36139
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.8 125.6
 192 18.6 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 4.795 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.134 min
 Lab File: VY017362.D
 Acq: 12 Feb 2024 18:41

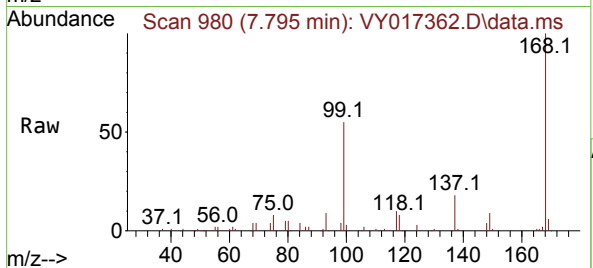
Tgt Ion: 75 Resp: 7008
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.4 52.3#
 77 0.0 24.7 37.1#



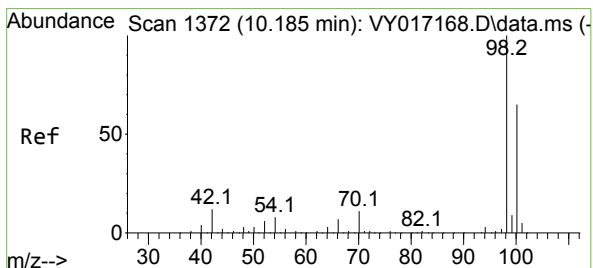
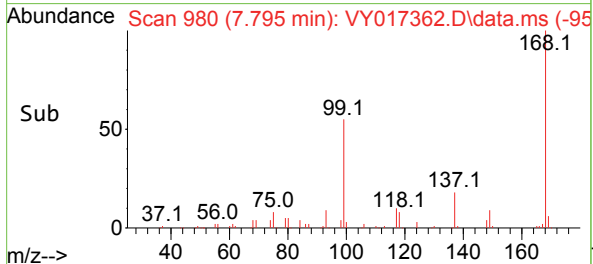
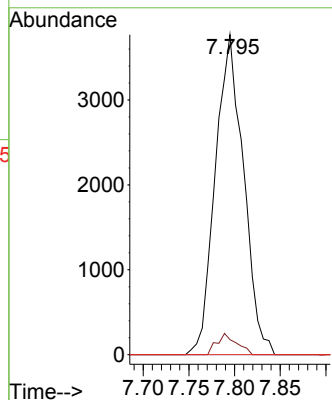


#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 7.795 min Scan# 999
Delta R.T. -0.116 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Instrument :
MSVOA_Y
ClientSampleId :
RT3475

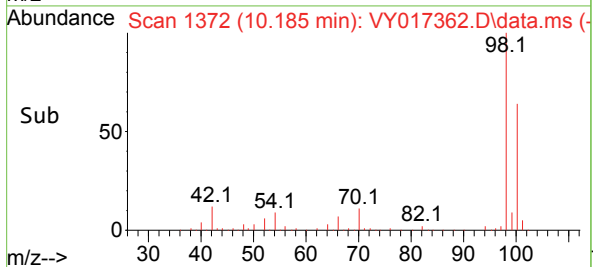
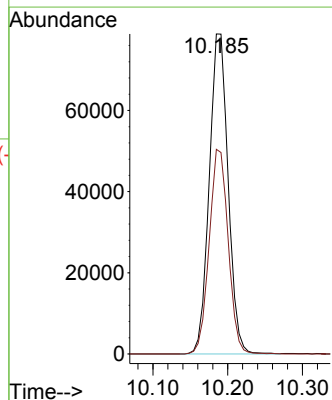
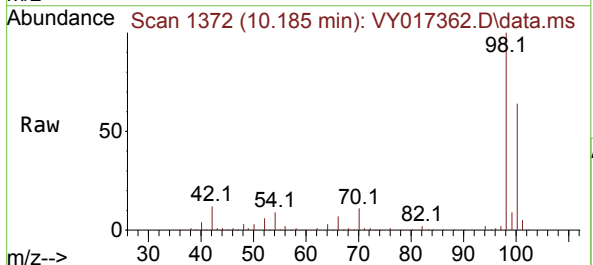


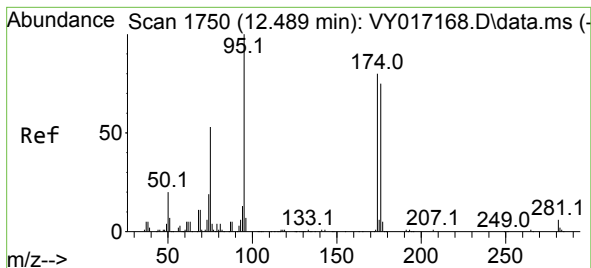
Tgt Ion:117 Resp: 8097
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.792 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion: 98 Resp: 138172
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

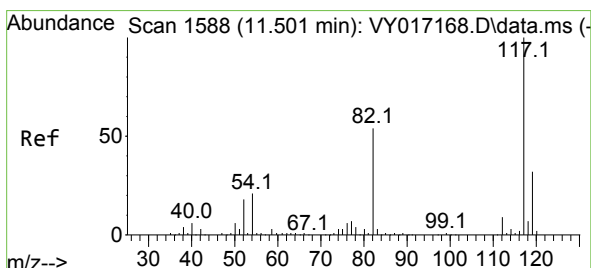
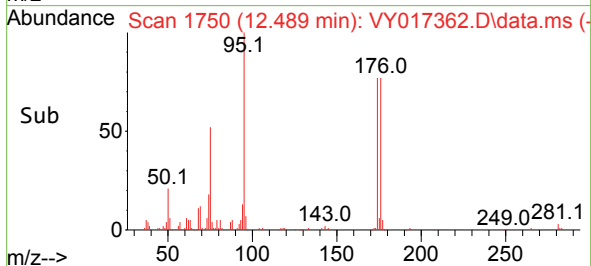
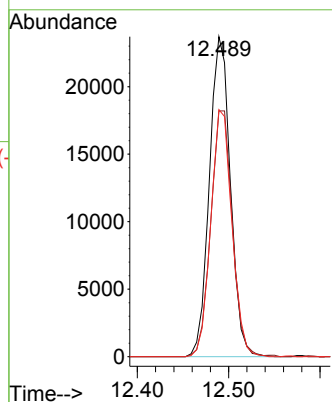
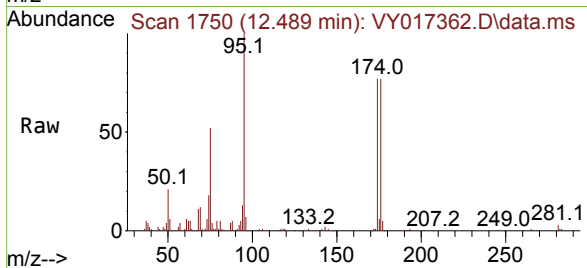




#62
4-Bromofluorobenzene
Concen: 37.412 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

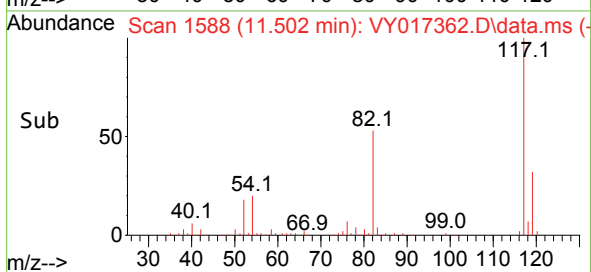
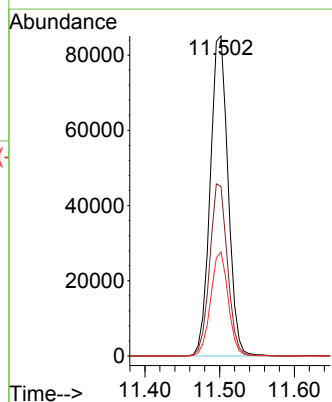
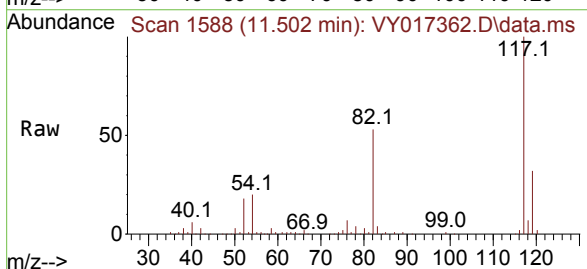
Instrument :
MSVOA_Y
ClientSampleId :
RT3475

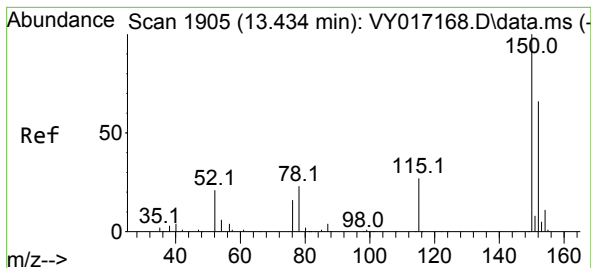
Tgt Ion:	95	Resp:	37805
Ion Ratio	Lower	Upper	
95	100		
174	78.7	0.0	160.0
176	77.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion:	117	Resp:	140914
Ion Ratio	Lower	Upper	
117	100		
82	53.0	43.8	65.8
119	32.5	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017362.D

Acq: 12 Feb 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

RT3475

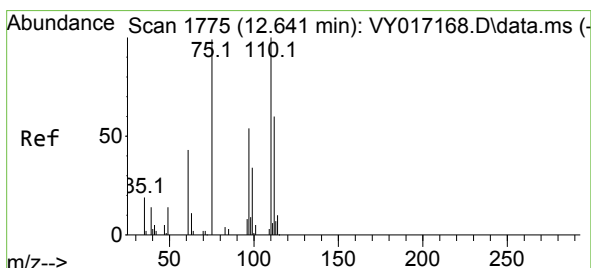
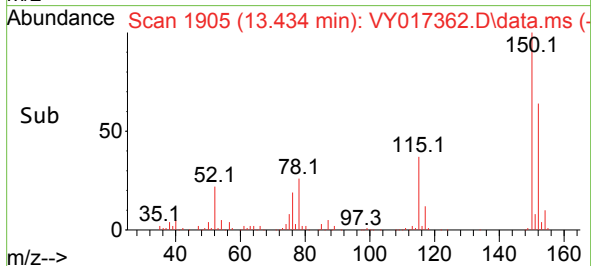
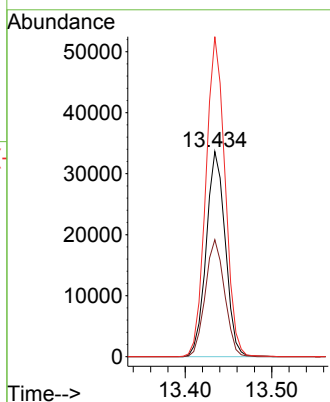
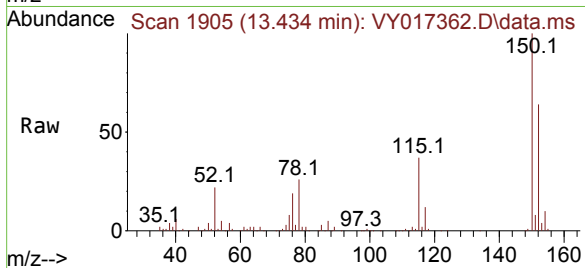
Tgt Ion:152 Resp: 51444

Ion Ratio Lower Upper

152 100

115 57.7 30.0 90.0

150 157.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.051 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017362.D

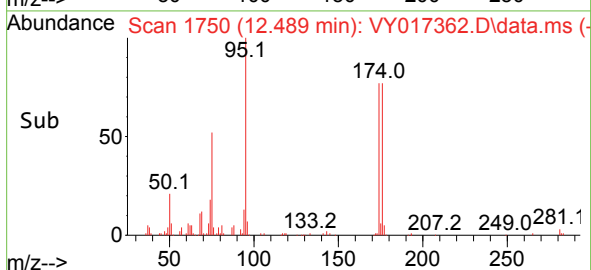
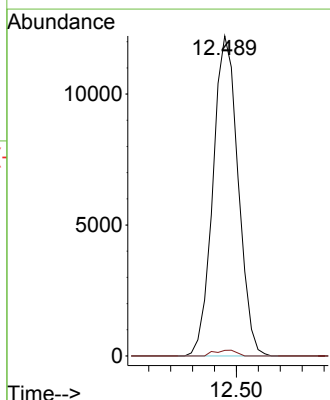
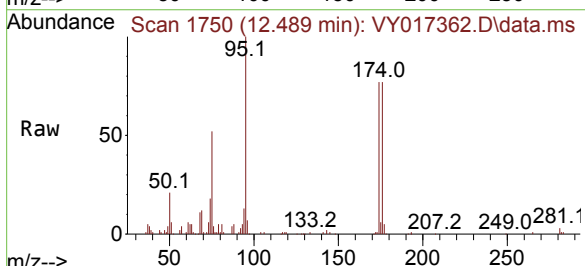
Acq: 12 Feb 2024 18:41

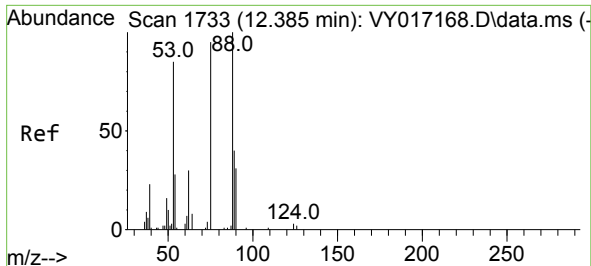
Tgt Ion: 75 Resp: 19492

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

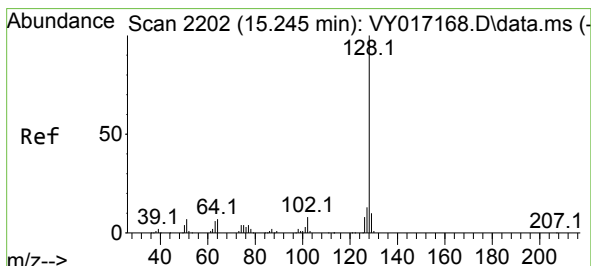
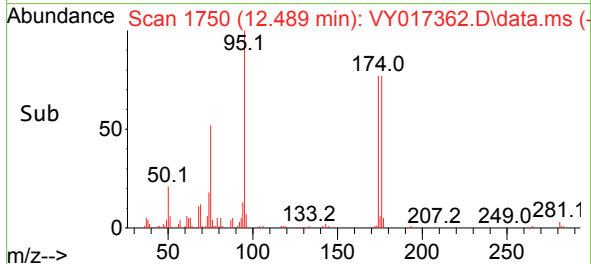
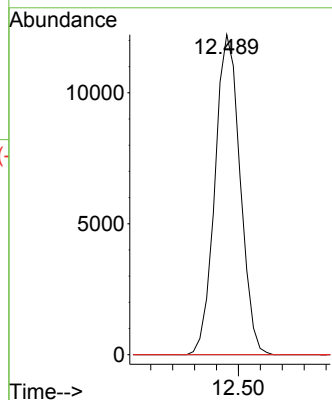
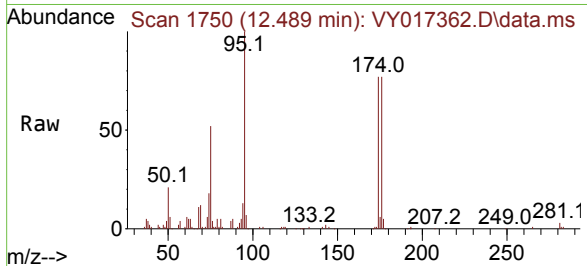




#81
trans-1,4-Dichloro-2-butene
Concen: 85.299 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Instrument :
MSVOA_Y
ClientSampleId :
RT3475

Tgt Ion: 75 Resp: 19492
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.524 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion: 128 Resp: 148
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

