

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017188.D
 Acq On : 02 Feb 2024 16:48
 Operator : SY/MD
 Sample : P1311-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Feb 02 22:32:17 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)

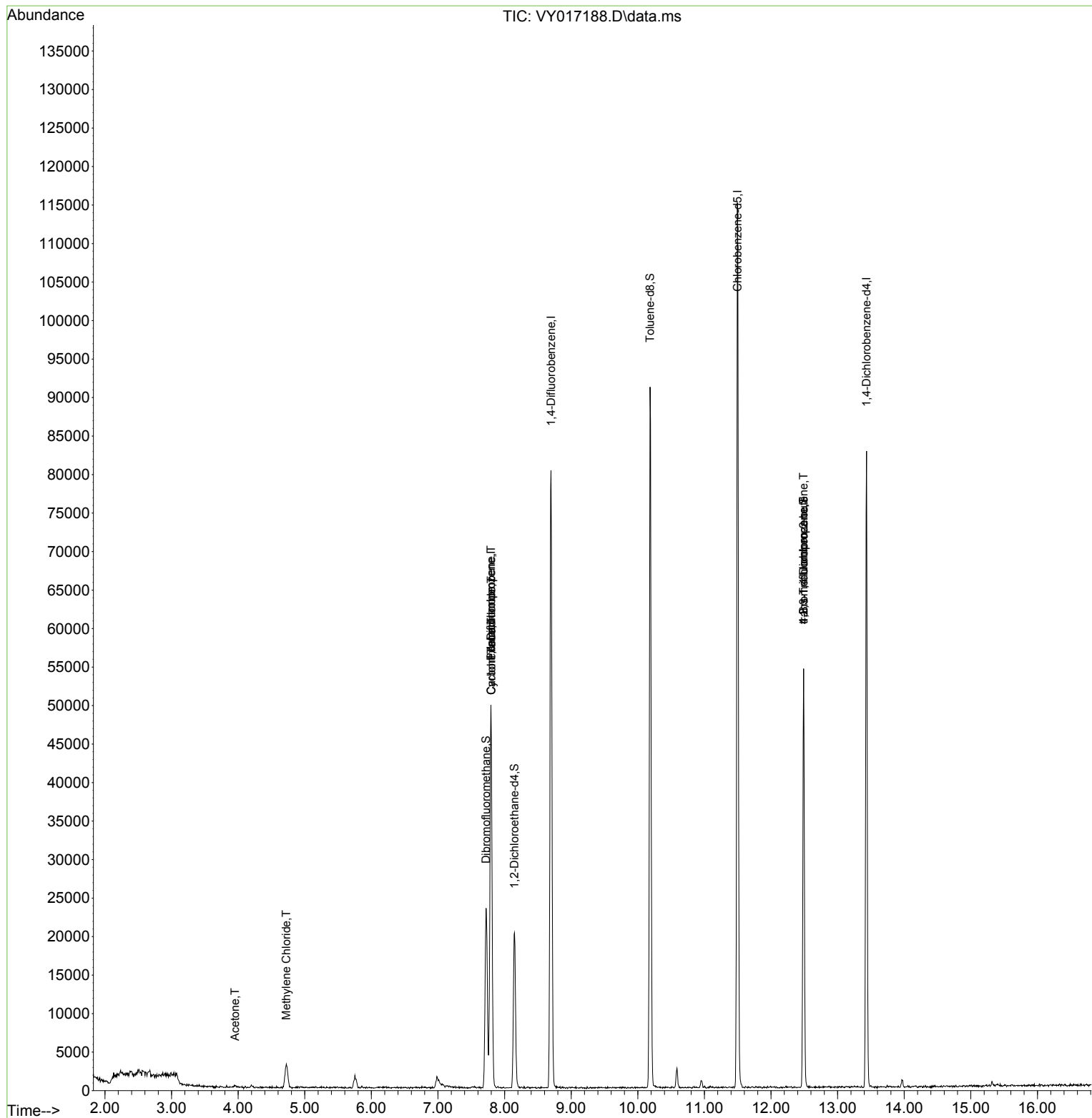
Internal Standards						
1) Pentafluorobenzene	7.795	168	38248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	70185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	63001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15634	45.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.520%
35) Dibromofluoromethane	7.722	113	17511	46.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.185	98	60213	43.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.280%
62) 4-Bromofluorobenzene	12.489	95	16223	35.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.780%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	403	4.013	ug/l #	41
20) Methylene Chloride	4.722	84	2433	2.594	ug/l	93
31) Cyclohexane	7.801	56	966	1.403	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	3200	4.895	ug/l #	51
38) Carbon Tetrachloride	7.801	117	3846	6.145	ug/l #	20
76) 1,2,3-Trichloropropane	12.489	75	8696	44.256	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	8696	91.958	ug/l #	12

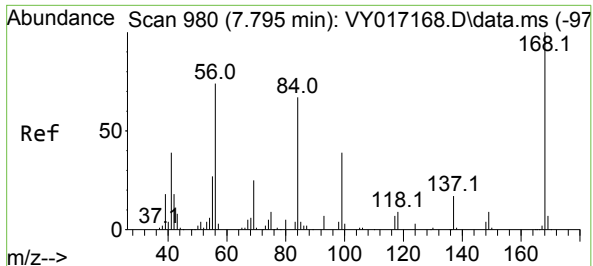
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

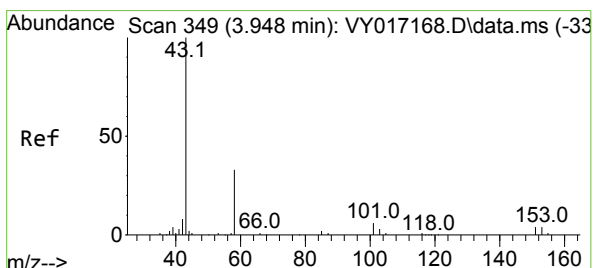
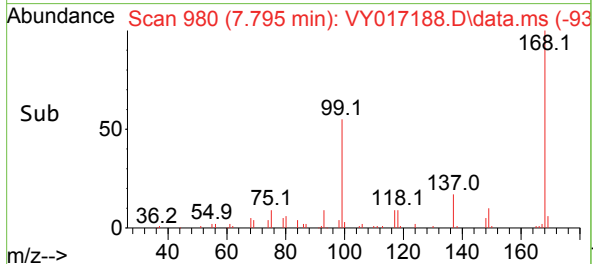
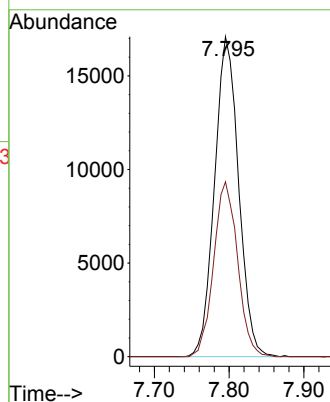
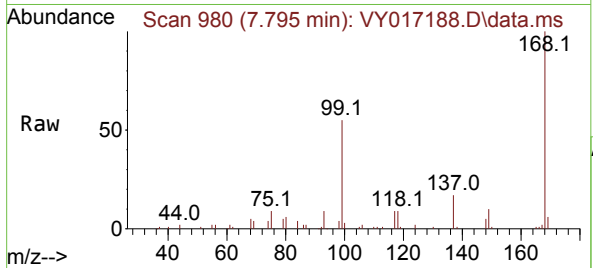




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

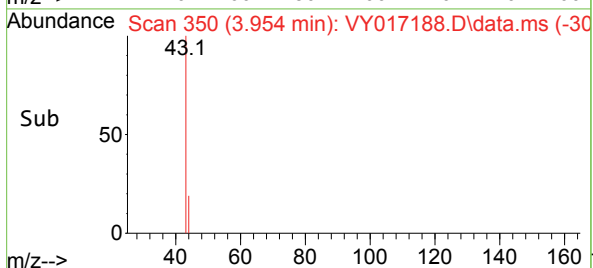
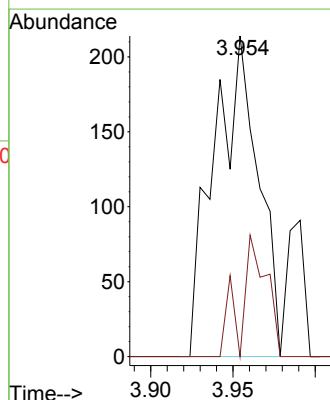
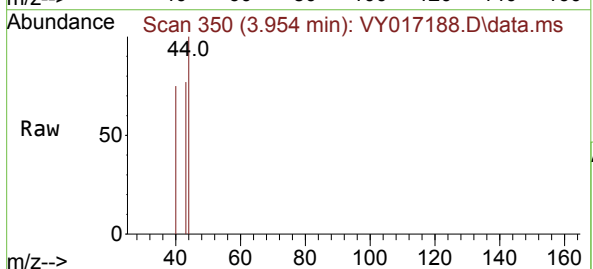
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

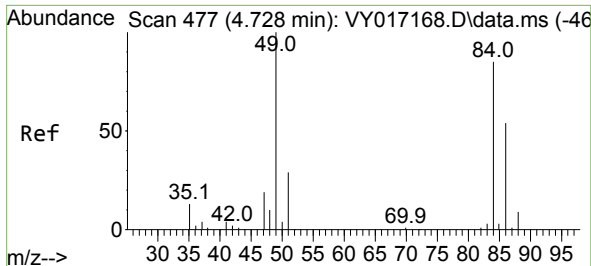
Tgt Ion:168 Resp: 38248
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#16
Acetone
Concen: 4.013 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#20

Methylene Chloride

Concen: 2.594 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017188.D

Acq: 02 Feb 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

Tgt Ion: 84 Resp: 2433

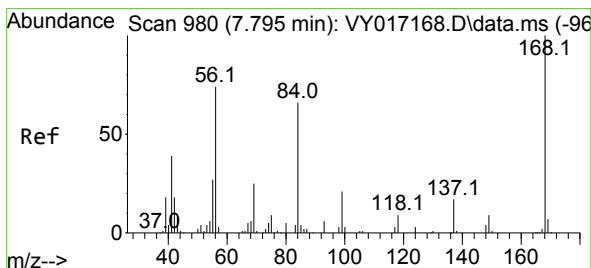
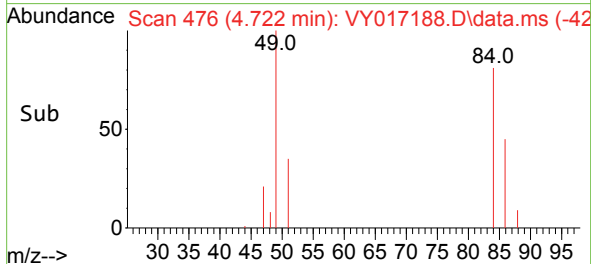
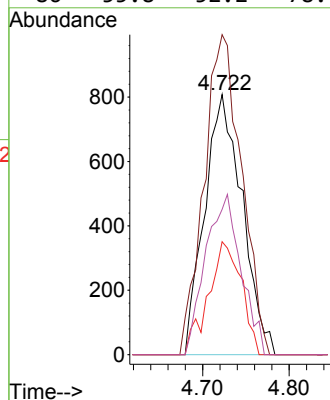
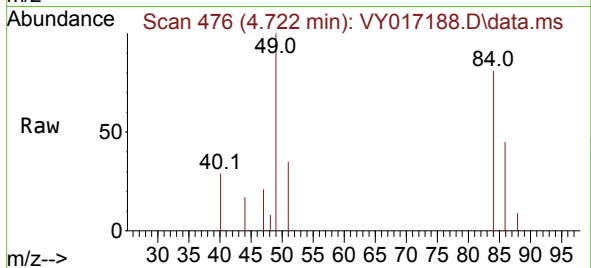
Ion Ratio Lower Upper

84 100

49 123.0 95.2 142.8

51 43.4 29.9 44.9

86 55.8 52.2 78.4



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY017188.D

Acq: 02 Feb 2024 16:48

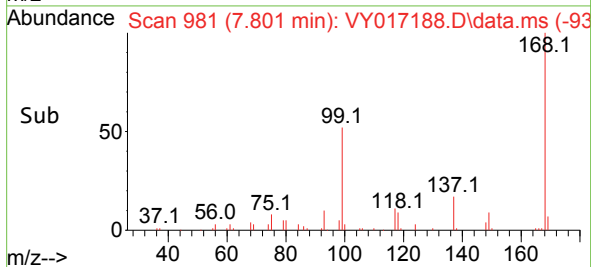
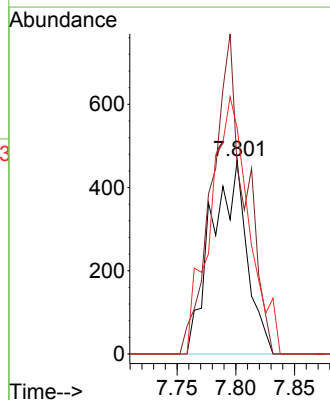
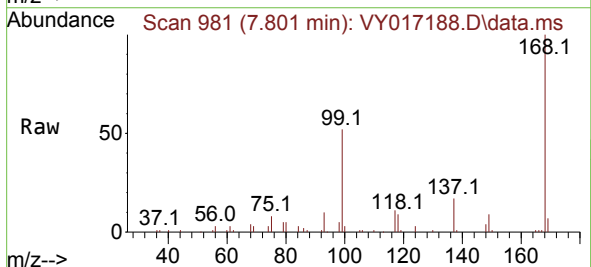
Tgt Ion: 56 Resp: 966

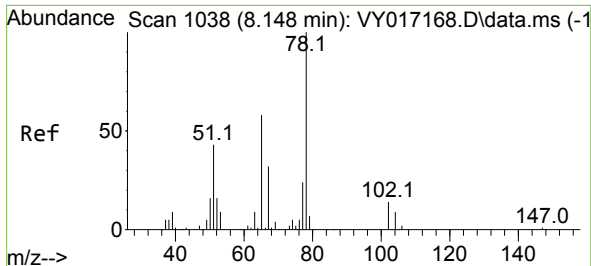
Ion Ratio Lower Upper

56 100

69 96.3 27.0 40.6#

84 116.8 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 45.756 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017188.D

Acq: 02 Feb 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

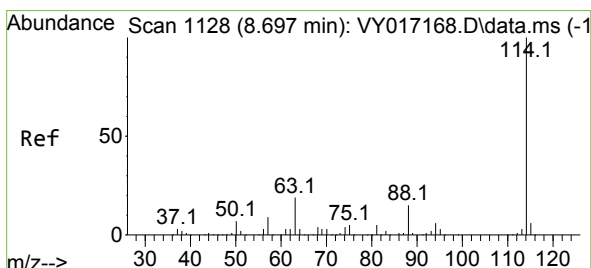
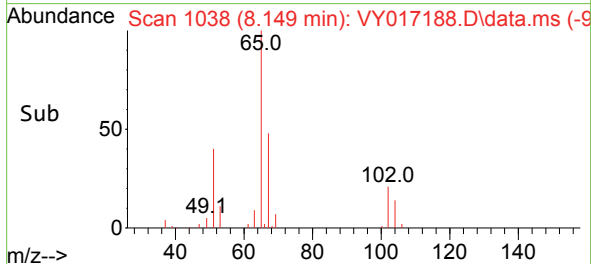
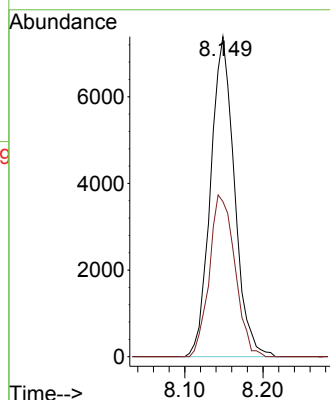
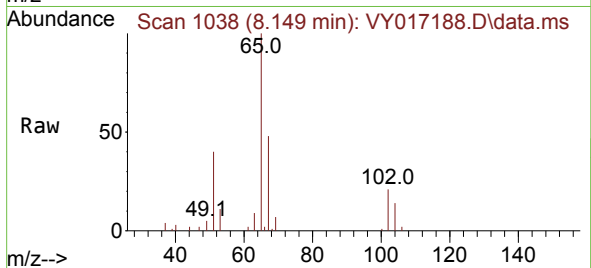
TP-1RE

Tgt Ion: 65 Resp: 15634

Ion Ratio Lower Upper

65 100

67 54.1 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: VY017188.D

Acq: 02 Feb 2024 16:48

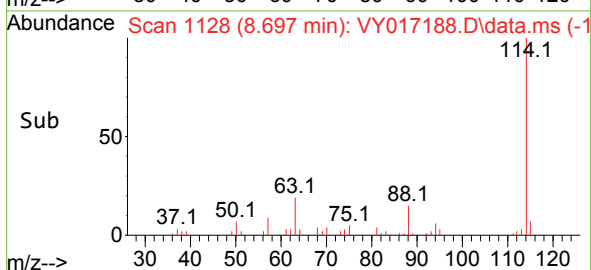
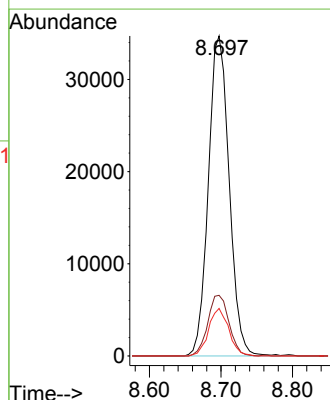
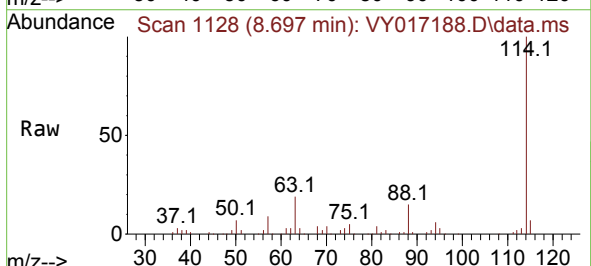
Tgt Ion: 114 Resp: 70185

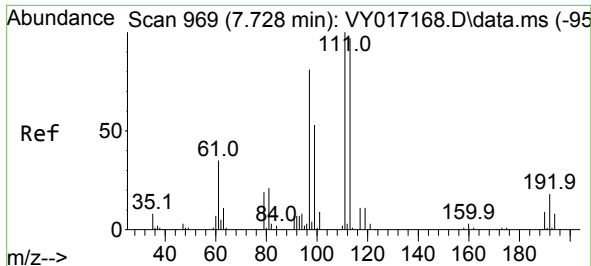
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.8 0.0 29.0

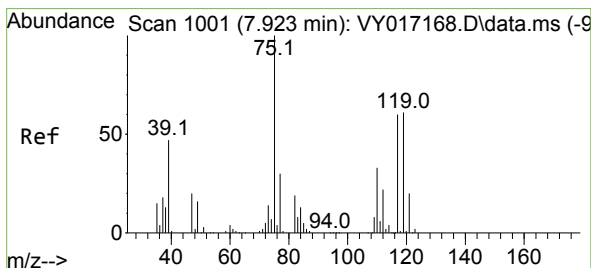
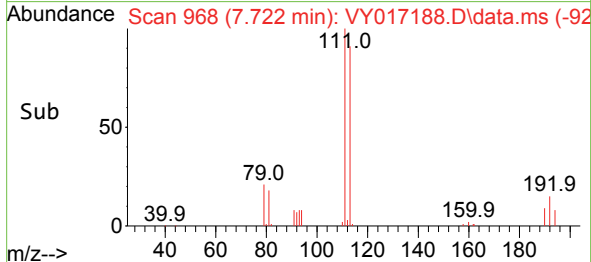
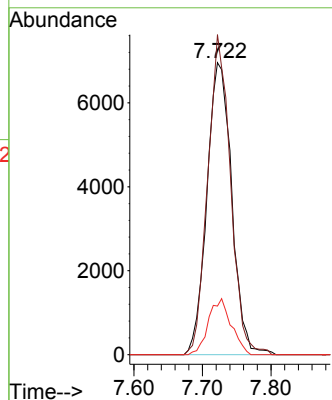
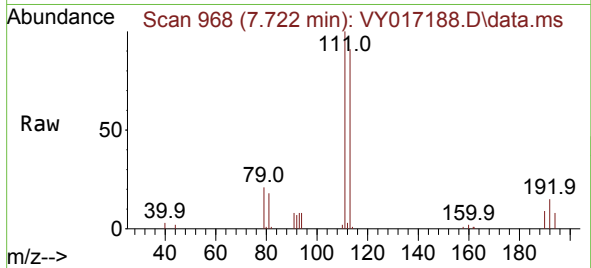




#35
Dibromofluoromethane
Concen: 46.209 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

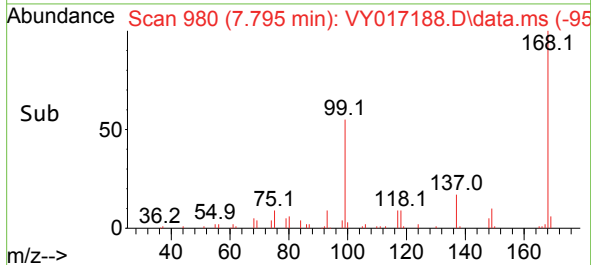
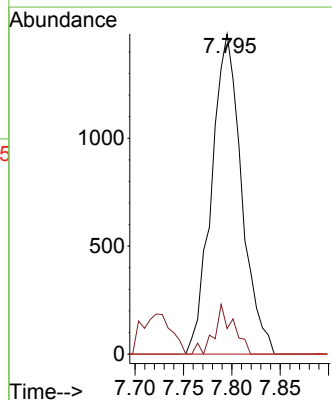
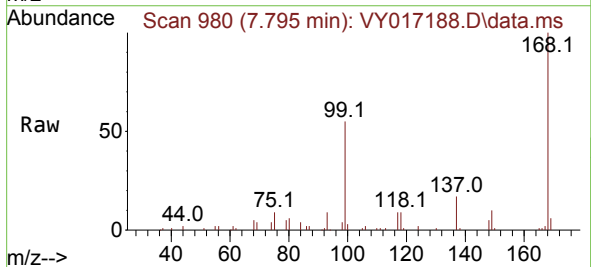
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

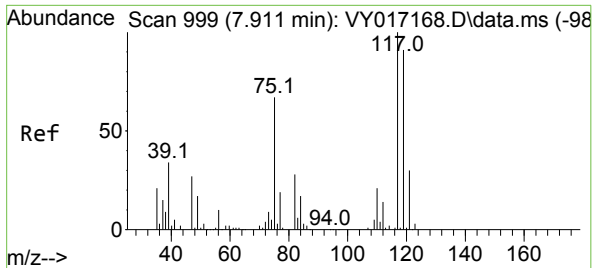
Tgt Ion:113 Resp: 17511
Ion Ratio Lower Upper
113 100
111 100.6 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

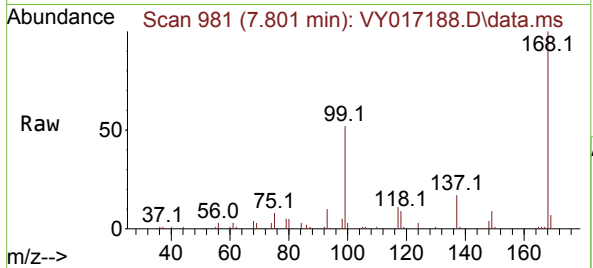
Tgt Ion: 75 Resp: 3200
Ion Ratio Lower Upper
75 100
110 9.9 17.4 52.3#
77 0.0 24.7 37.1#



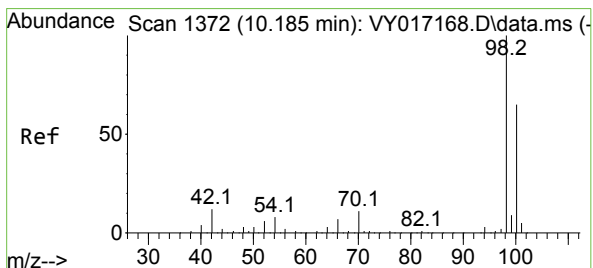
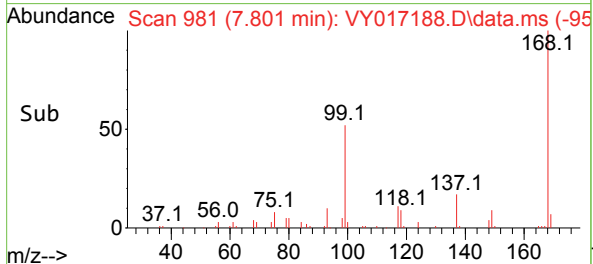
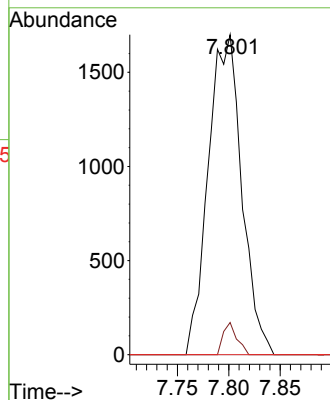


#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

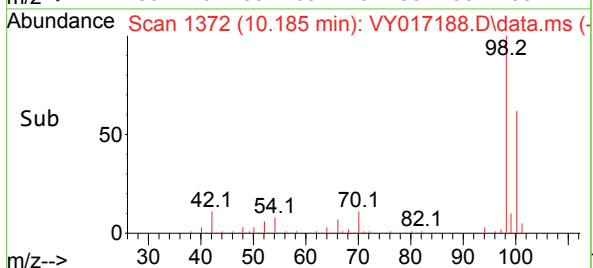
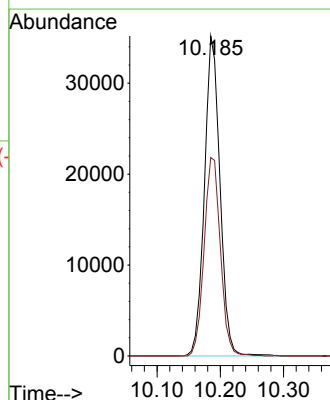
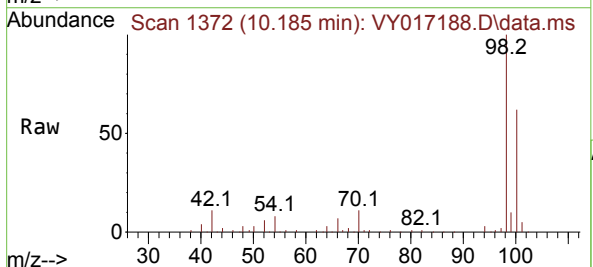


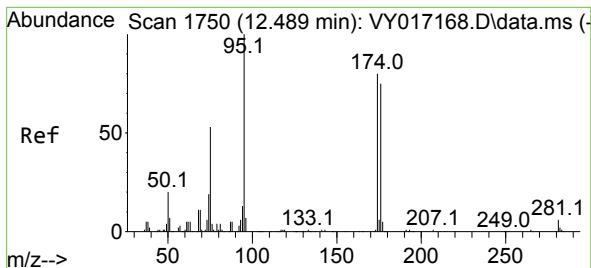
Tgt Ion:117 Resp: 3846
Ion Ratio Lower Upper
117 100
119 10.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.641 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 98 Resp: 60213
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 35.893 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017188.D

Acq: 02 Feb 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

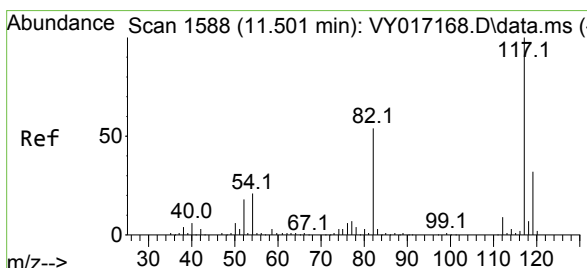
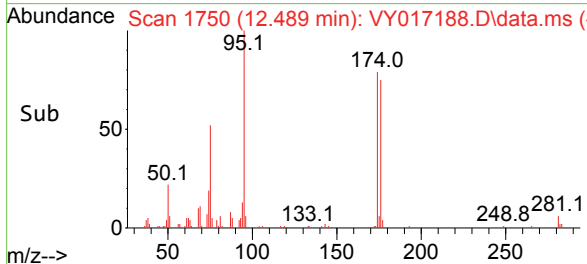
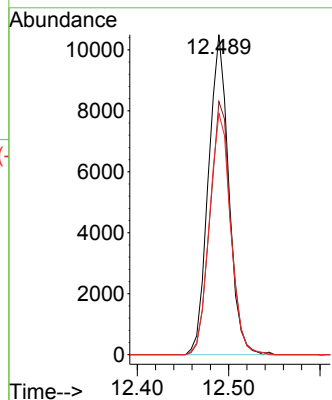
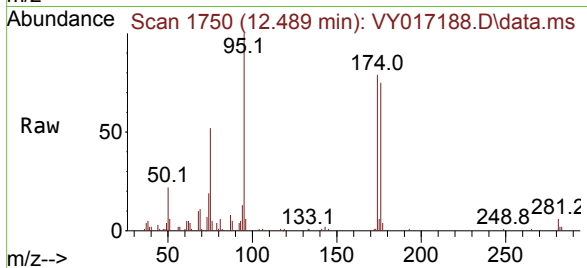
Tgt Ion: 95 Resp: 16223

Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.0

176 78.9 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY017188.D

Acq: 02 Feb 2024 16:48

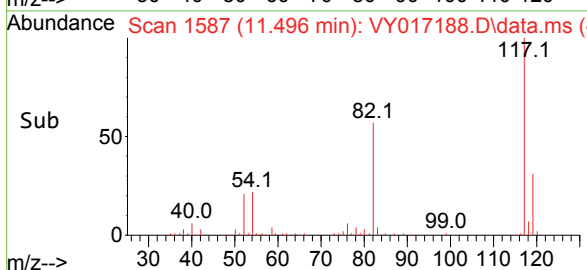
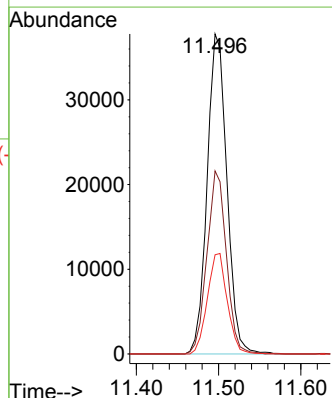
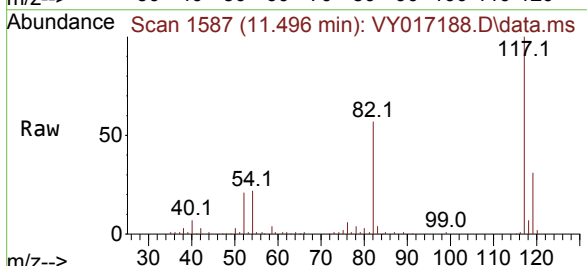
Tgt Ion: 117 Resp: 63001

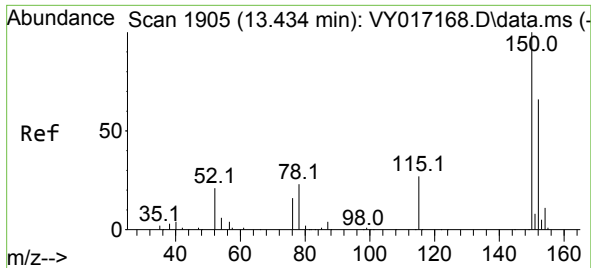
Ion Ratio Lower Upper

117 100

82 57.2 43.8 65.8

119 31.0 26.5 39.7

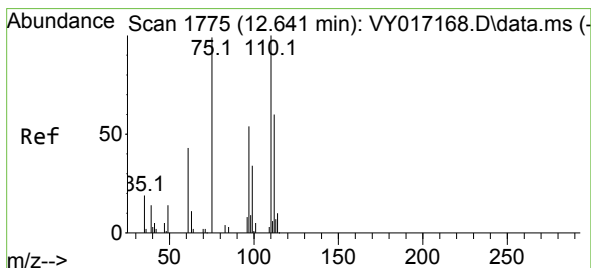
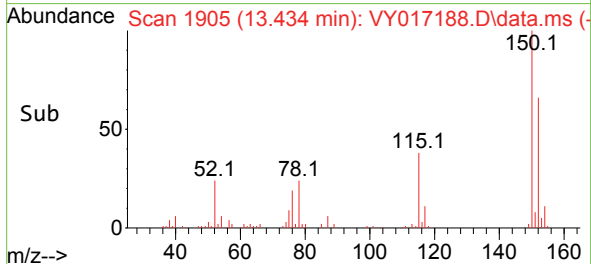
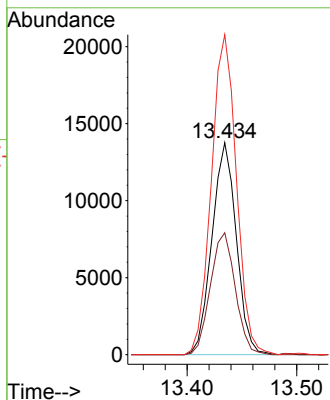
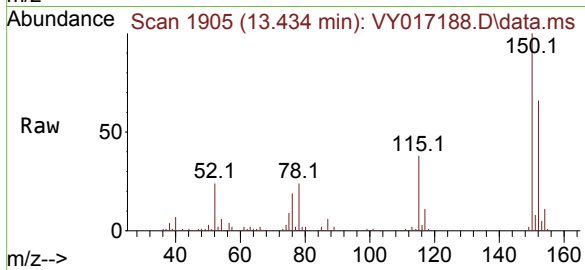




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017188.D
 Acq: 02 Feb 2024 16:48

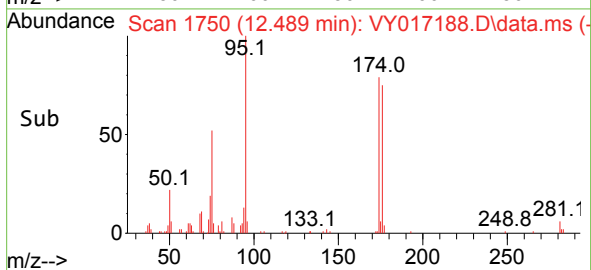
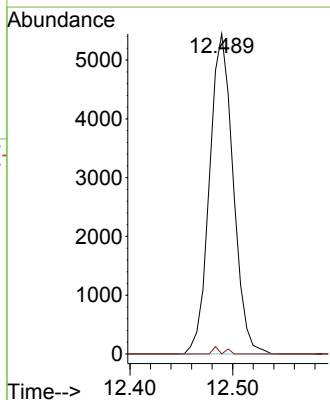
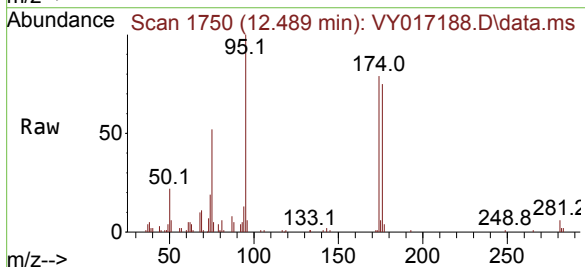
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

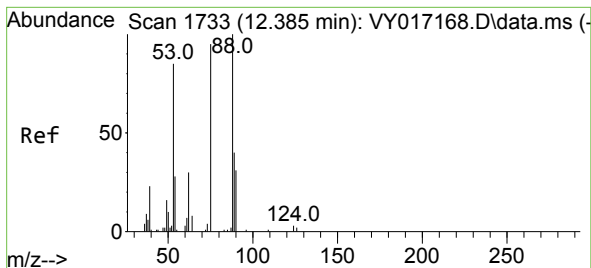
Tgt Ion:152 Resp: 21289
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.0 90.0
 150 154.9 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 44.256 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017188.D
 Acq: 02 Feb 2024 16:48

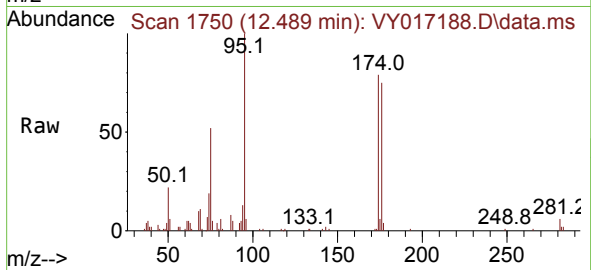
Tgt Ion: 75 Resp: 8696
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.958 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017188.D
 Acq: 02 Feb 2024 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE



Tgt Ion: 75 Resp: 8696
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

