

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017618.D
 Acq On : 08 Mar 2024 12:11
 Operator : SY/MD
 Sample : P1705-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Mar 08 22:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

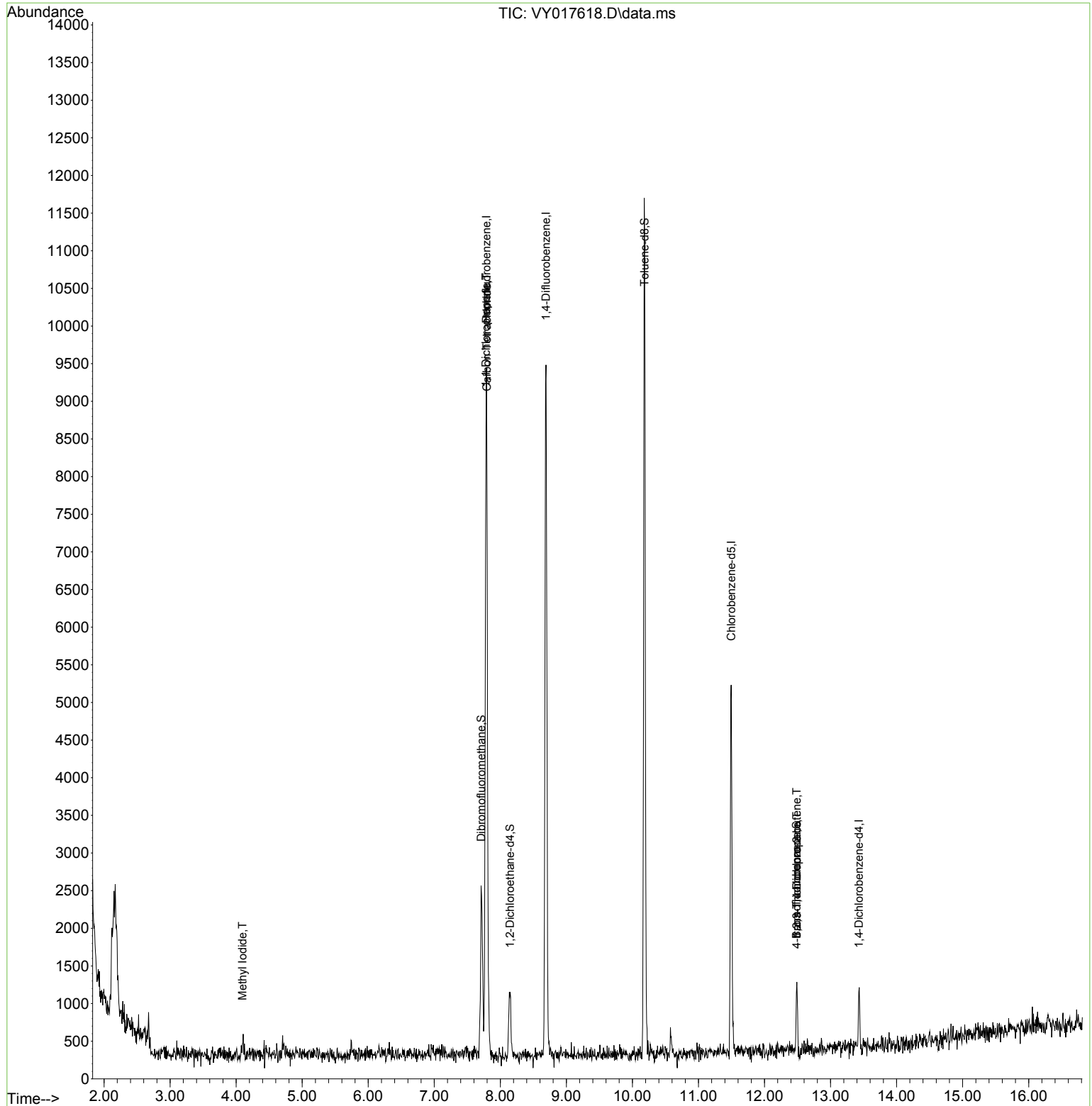
Internal Standards						
1) Pentafluorobenzene	7.789	168	7890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	913	12.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.420%#
35) Dibromofluoromethane	7.710	113	1890	29.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.440%
50) Toluene-d8	10.185	98	8136	36.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.200%
62) 4-Bromofluorobenzene	12.483	95	387	5.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.080%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	119	1.326	ug/l #	67
20) Methylene Chloride	4.704	84	40	Below Cal	#	17
36) 1,1-Dichloropropene	7.783	75	628	7.320	ug/l #	40
38) Carbon Tetrachloride	7.795	117	783	9.107	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	203	75.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	203	174.085	ug/l #	16

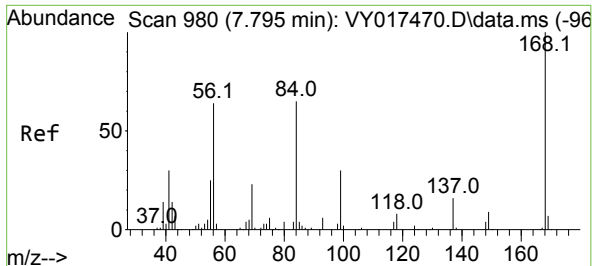
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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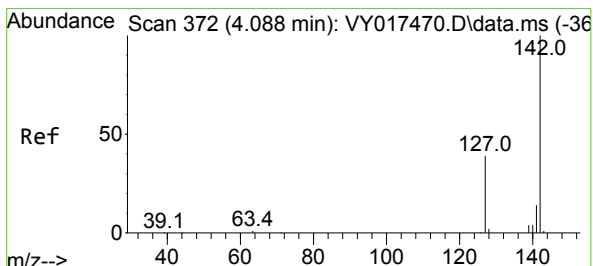
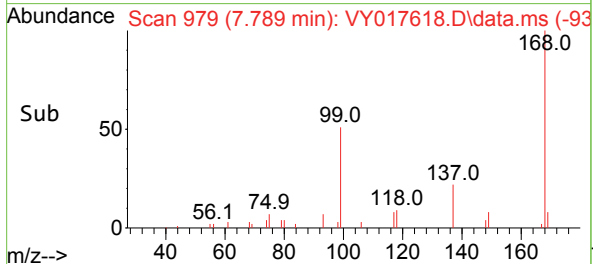
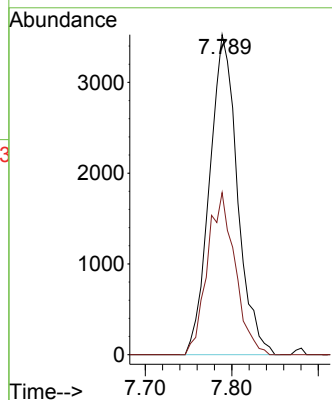
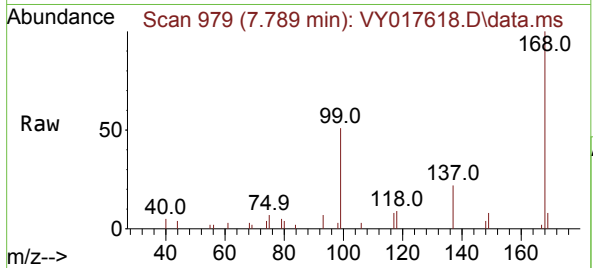




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

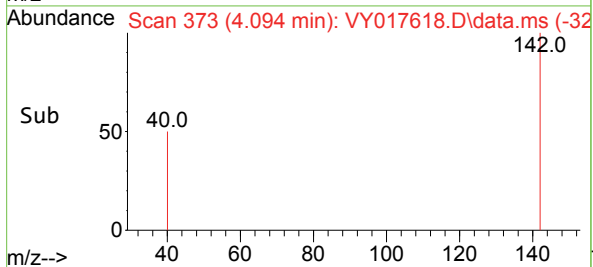
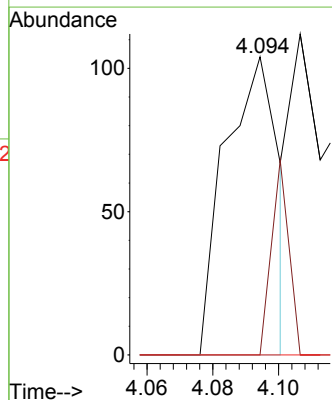
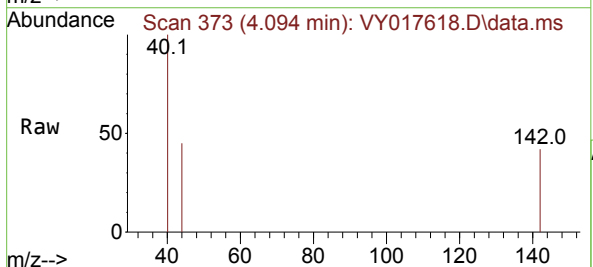
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

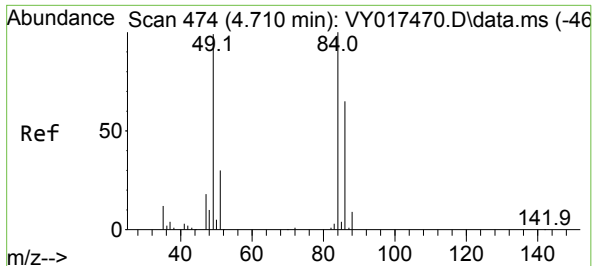
Tgt Ion:168 Resp: 7890
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#10
Methyl Iodide
Concen: 1.326 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

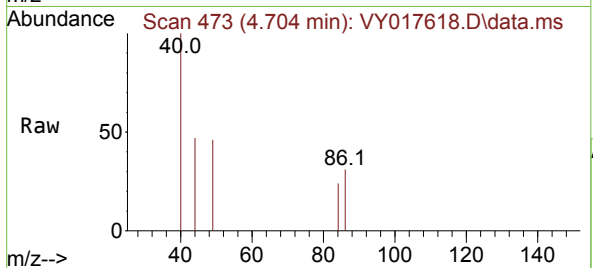
Tgt Ion:142 Resp: 119
Ion Ratio Lower Upper
142 100
127 21.0 32.8 49.2#
141 0.0 11.4 17.2#



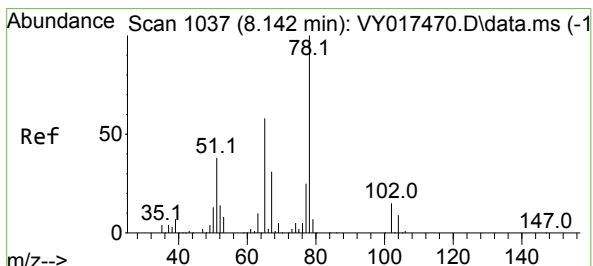
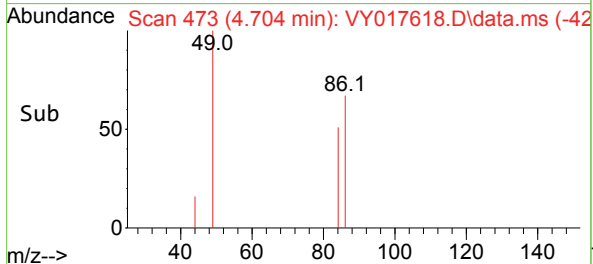
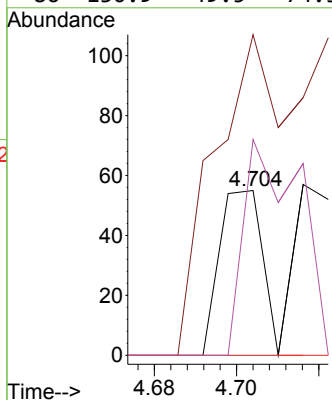


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

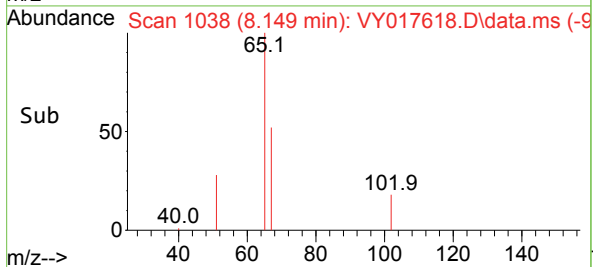
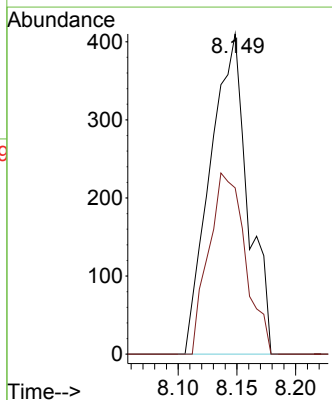
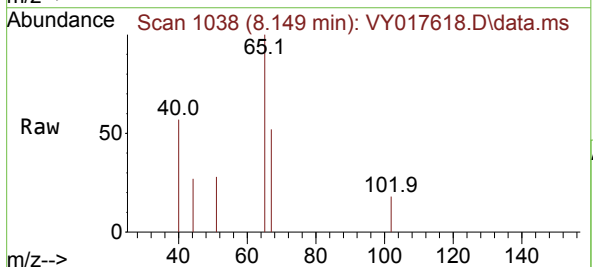


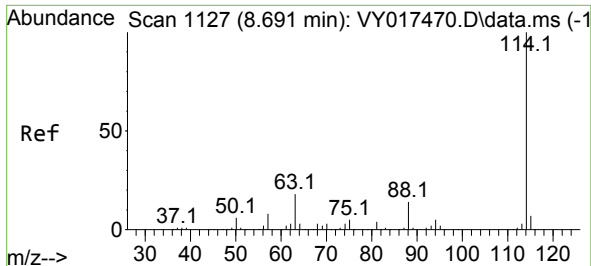
Tgt Ion:	84	Resp:	40
Ion	Ratio	Lower	Upper
84	100		
49	194.5	84.4	126.6#
51	0.0	26.0	39.0#
86	130.9	49.5	74.3#



#33
1,2-Dichloroethane-d4
Concen: 12.210 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion:	65	Resp:	913
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017618.D

Acq: 08 Mar 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

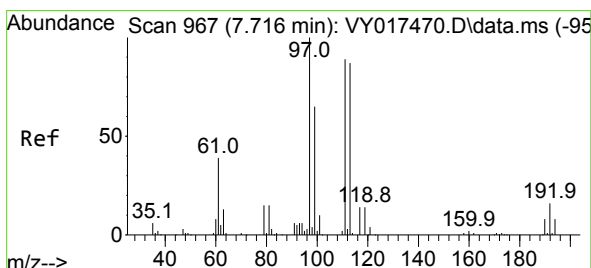
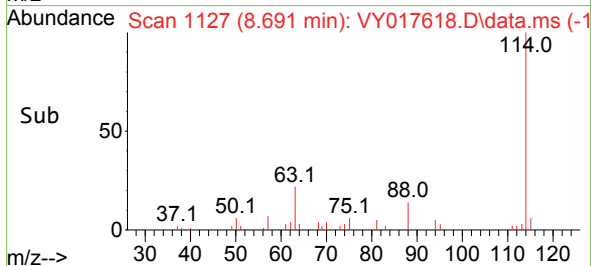
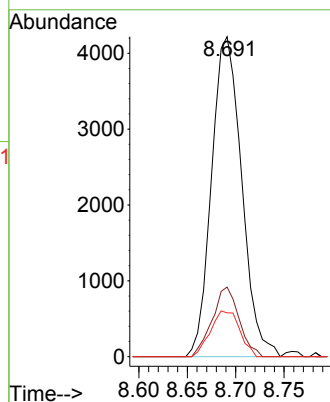
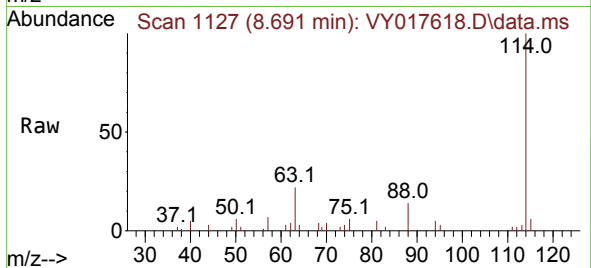
Tgt Ion:114 Resp: 9125

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 29.724 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017618.D

Acq: 08 Mar 2024 12:11

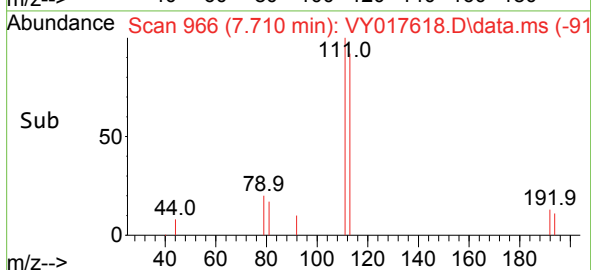
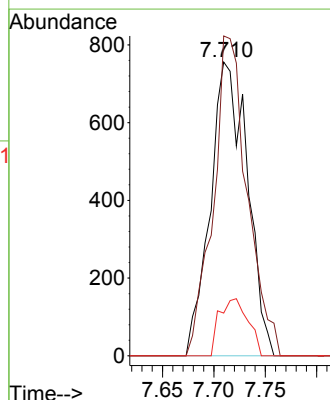
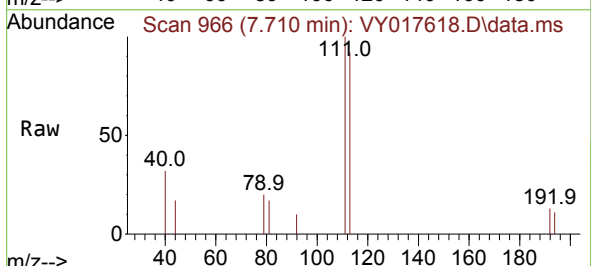
Tgt Ion:113 Resp: 1890

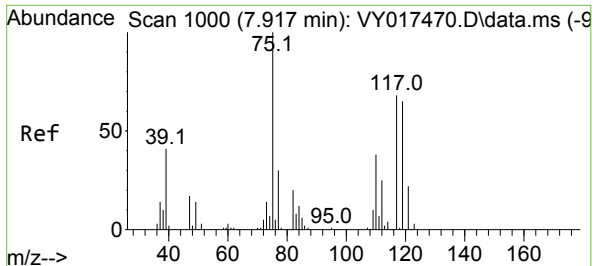
Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 15.1 15.9 23.9#

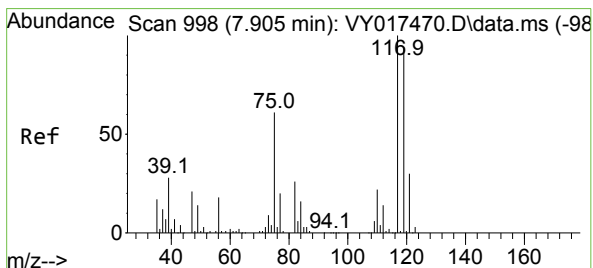
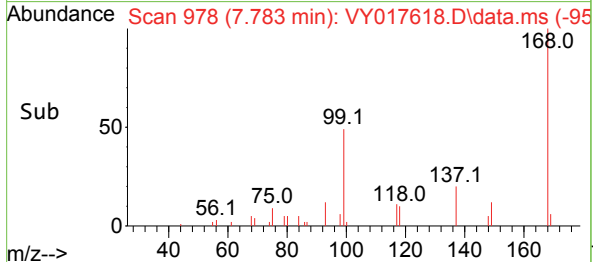
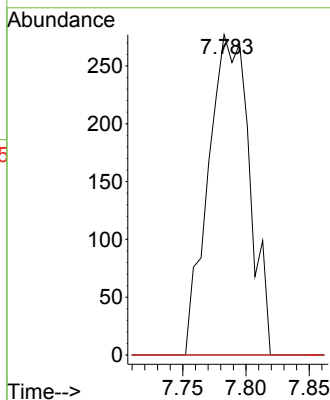
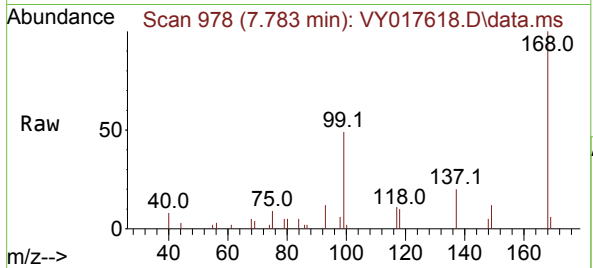




#36
1,1-Dichloropropene
Concen: 7.320 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

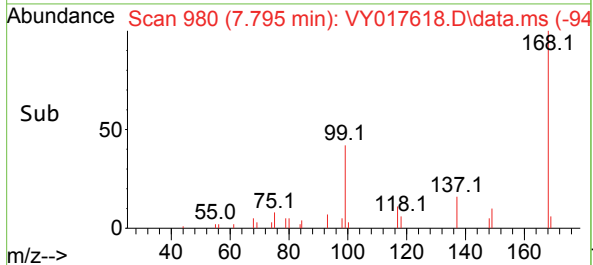
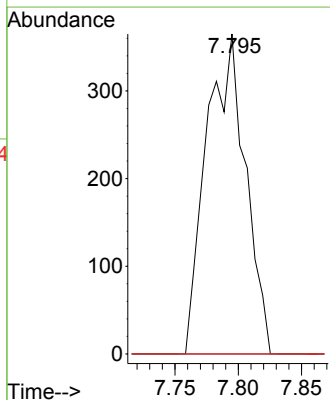
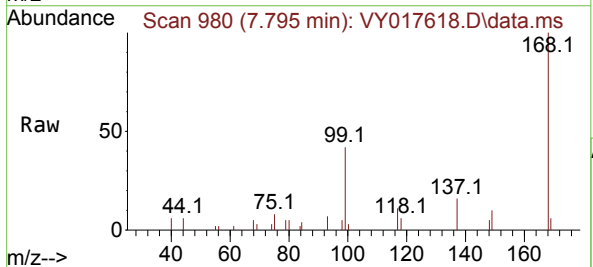
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

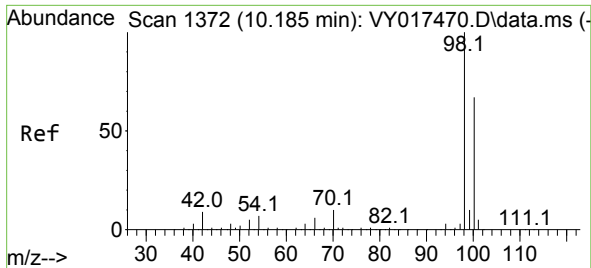
Tgt Ion: 75 Resp: 628
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 9.107 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion: 117 Resp: 783
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

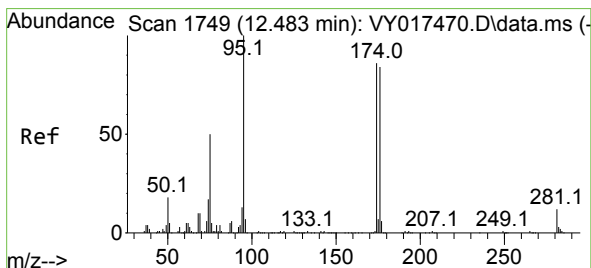
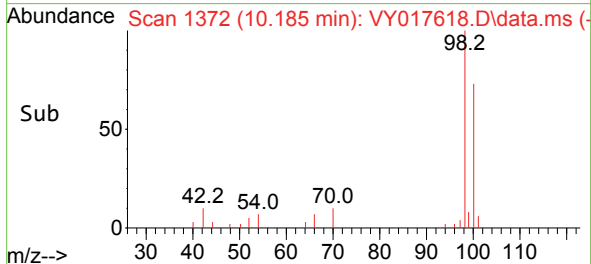
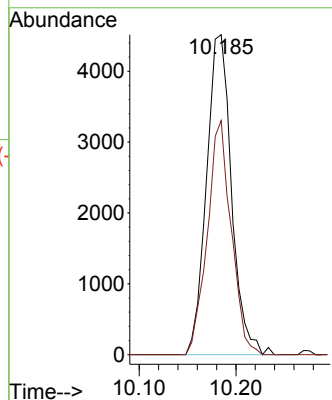
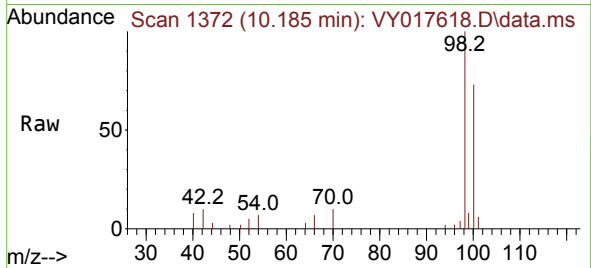




#50
Toluene-d8
Concen: 36.596 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

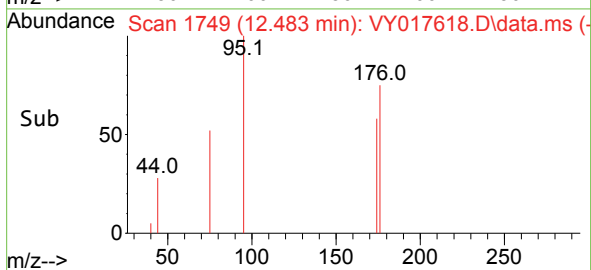
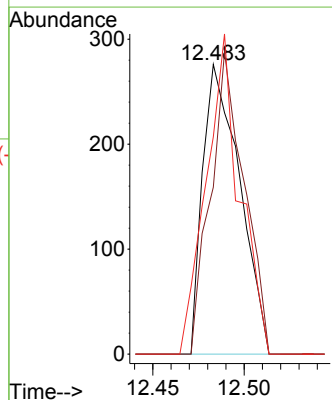
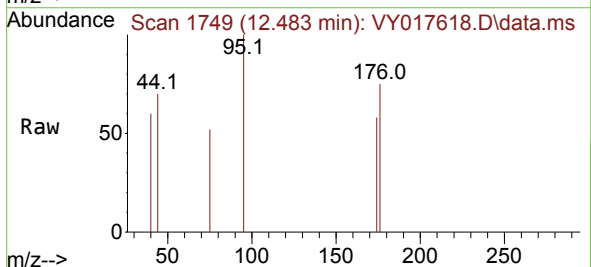
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

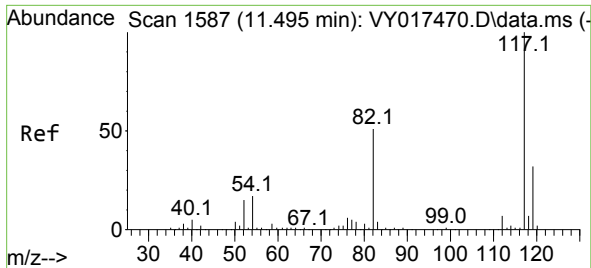
Tgt Ion: 98 Resp: 8136
Ion Ratio Lower Upper
98 100
100 69.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 5.539 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion: 95 Resp: 387
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 101.0 0.0 171.4

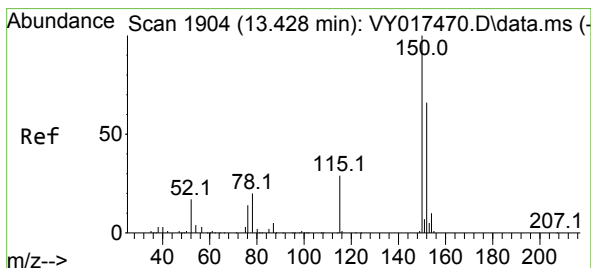
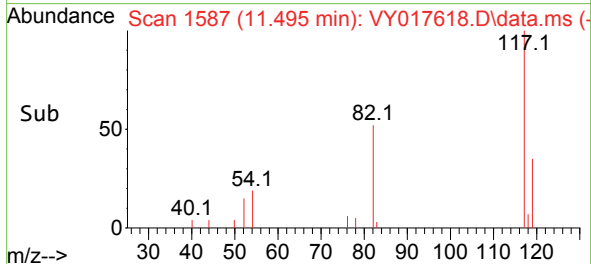
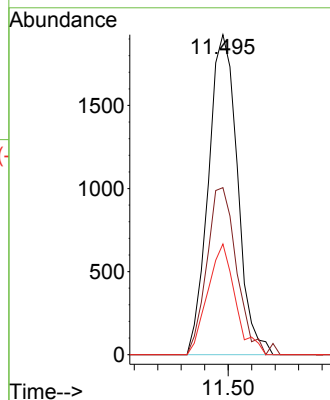
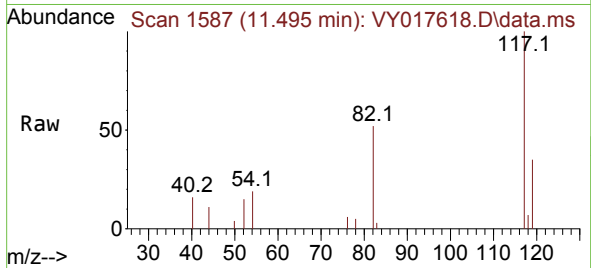




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

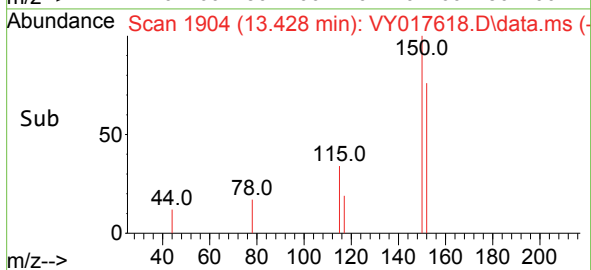
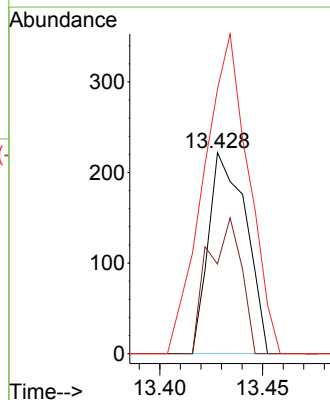
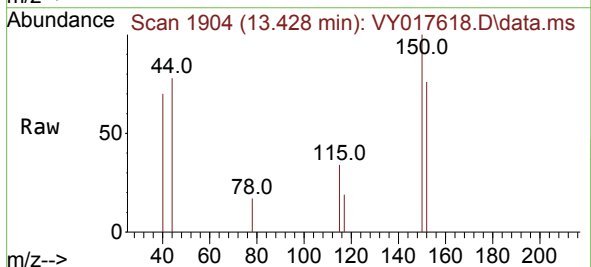
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

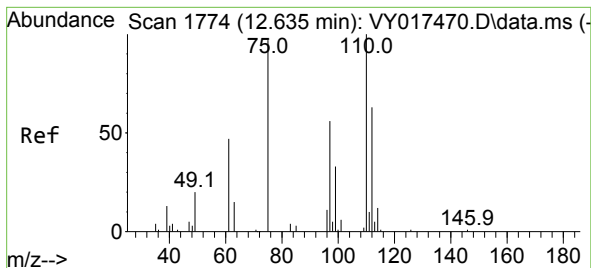
Tgt Ion:117	Resp:	3315
Ion	Ratio	Lower Upper
117	100	
82	52.2	42.4 63.6
119	34.6	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion:152	Resp:	282
Ion	Ratio	Lower Upper
152	100	
115	59.6	28.2 84.7
150	190.4	0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 75.762 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017618.D

Acq: 08 Mar 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

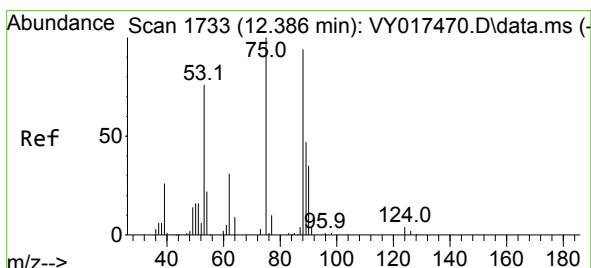
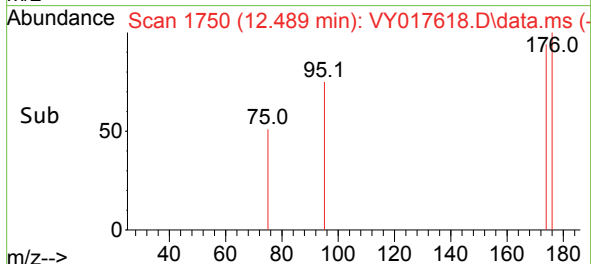
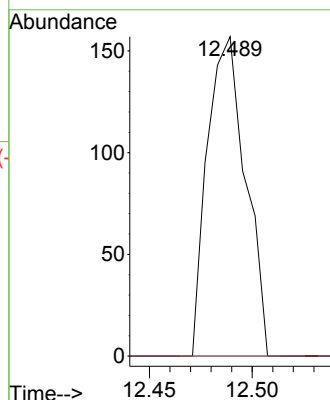
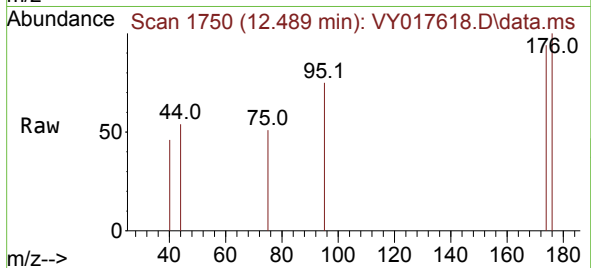
TP-1RE

Tgt Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 174.085 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017618.D

Acq: 08 Mar 2024 12:11

Tgt Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

