

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017294.D
 Acq On : 07 Feb 2024 17:12
 Operator : SY/MD
 Sample : P1378-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Feb 08 01:45:19 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)

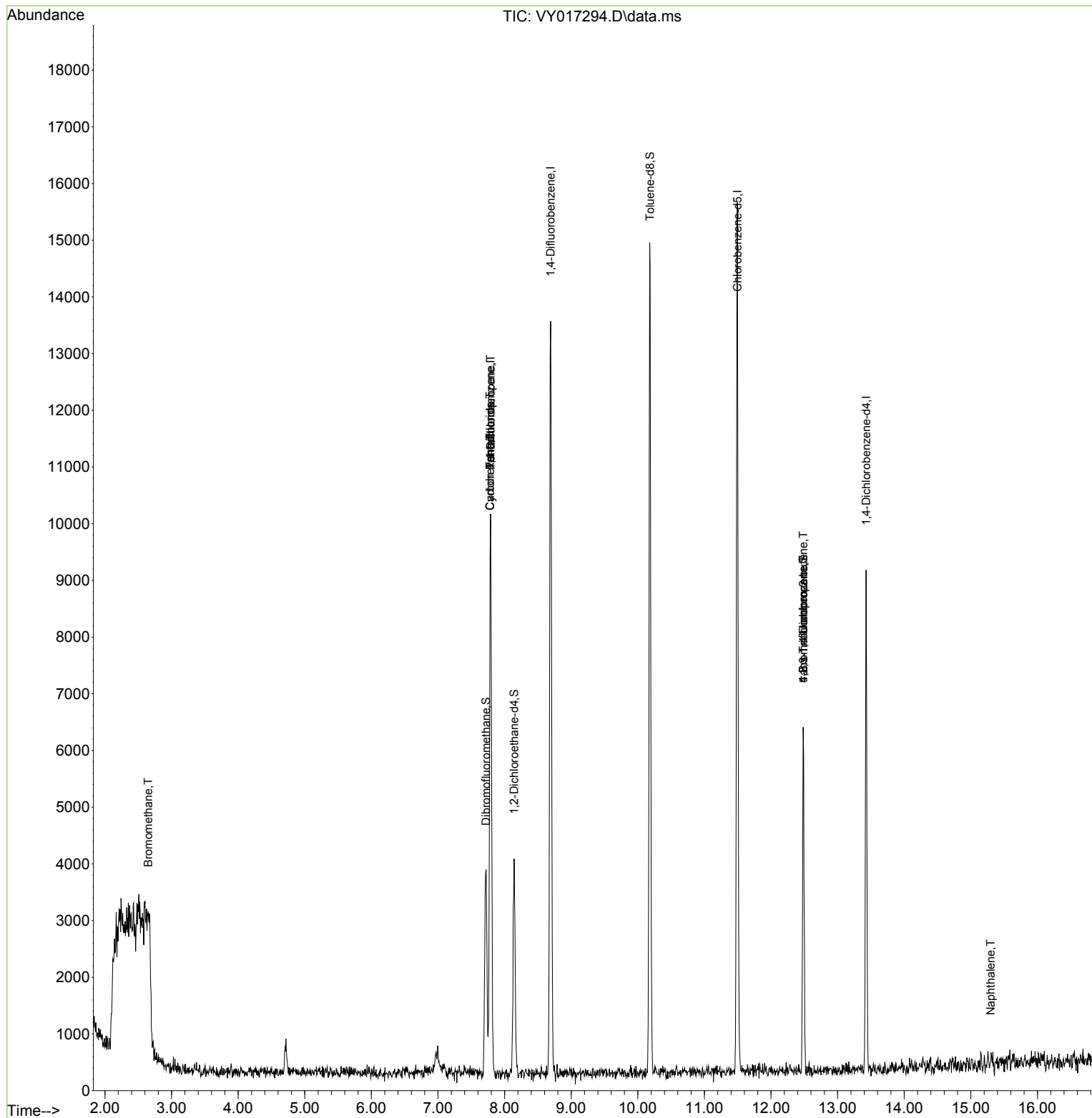
Internal Standards						
1) Pentafluorobenzene	7.789	168	7528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	8706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2851	42.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.721	113	2773	43.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.880%
50) Toluene-d8	10.184	98	9960	43.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.483	95	2131	28.314	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.620%
Target Compounds						
5) Bromomethane	2.649	94	106	1.224	ug/l	81
31) Cyclohexane	7.782	56	155	1.143	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	734	6.743	ug/l #	42
38) Carbon Tetrachloride	7.782	117	835	8.012	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1104	54.050	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1104	112.308	ug/l #	12
95) Naphthalene	15.299	128	42	4.093	ug/l #	69

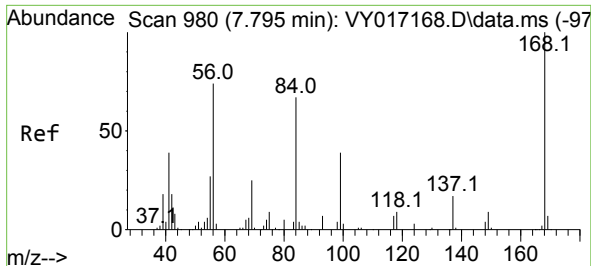
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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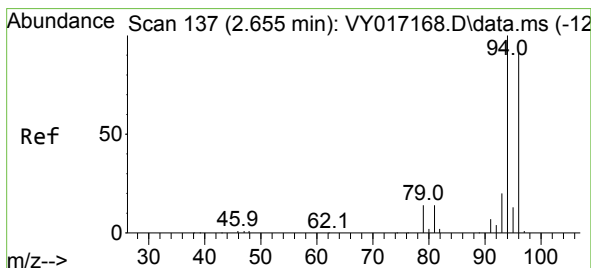
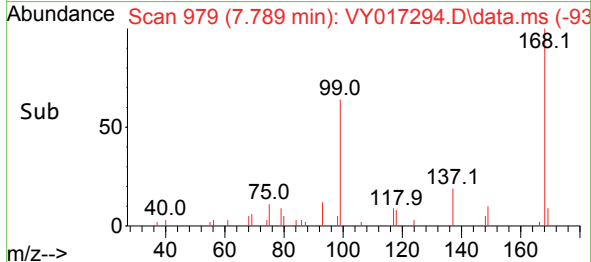
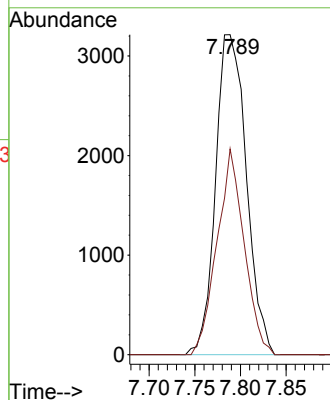
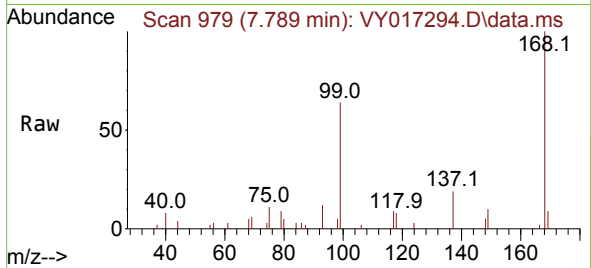




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

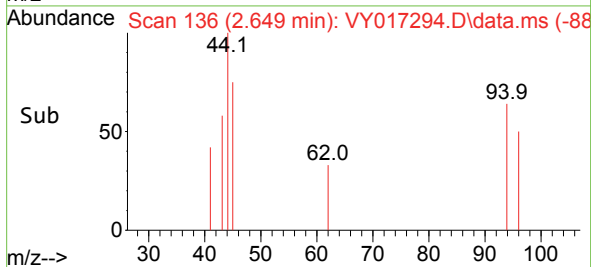
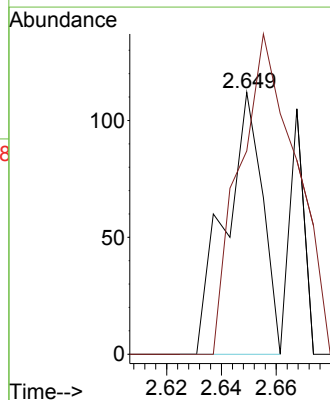
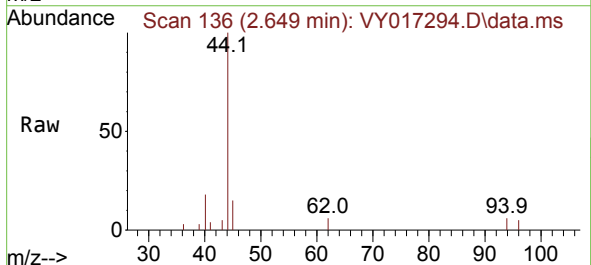
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

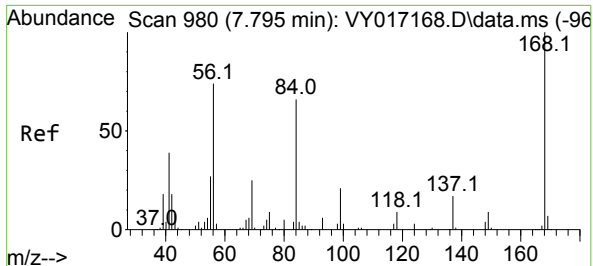
Tgt Ion:168 Resp: 7528
Ion Ratio Lower Upper
168 100
99 64.3 44.2 66.4



#5
Bromomethane
Concen: 1.224 ug/l
RT: 2.649 min Scan# 136
Delta R.T. -0.006 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 77.7 77.3 115.9

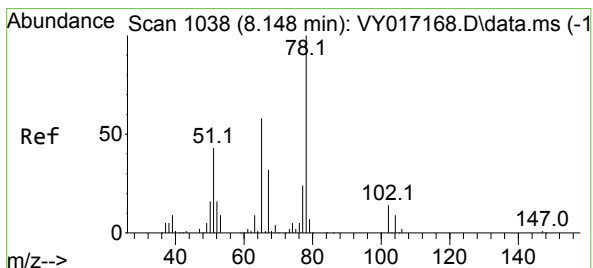
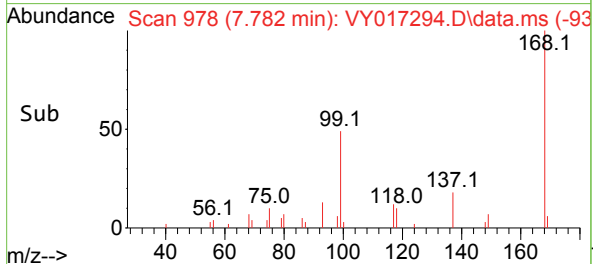
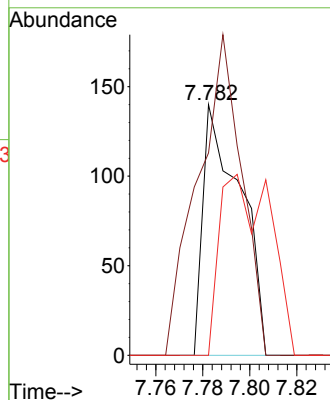
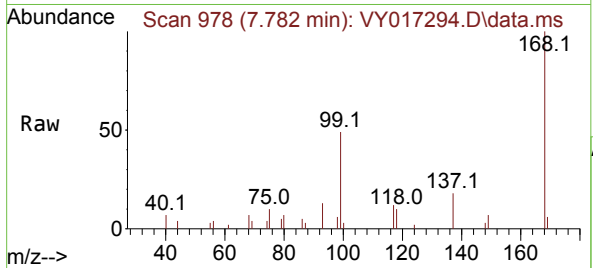




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

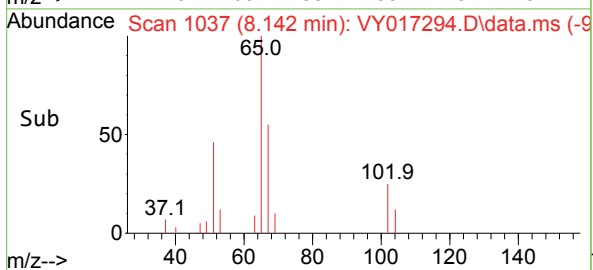
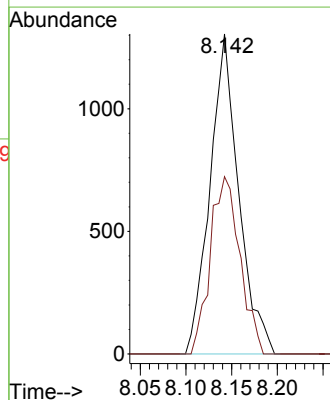
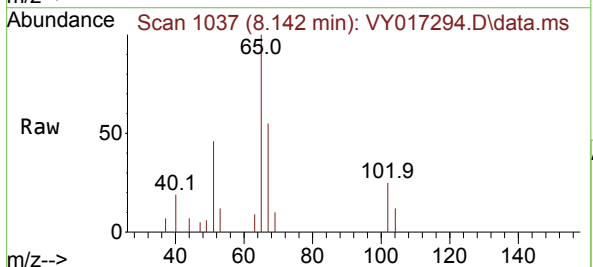
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

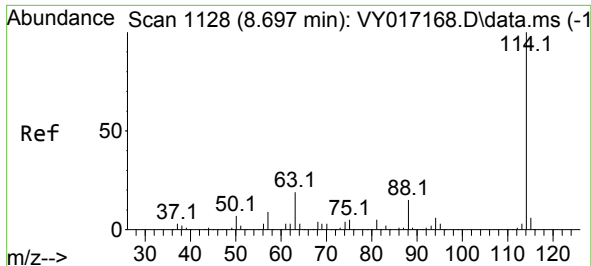
Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
69 80.7 27.0 40.6#
84 0.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 42.394 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

Tgt Ion: 65 Resp: 2851
Ion Ratio Lower Upper
65 100
67 57.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017294.D

Acq: 07 Feb 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

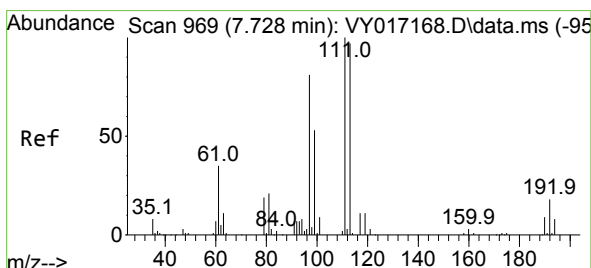
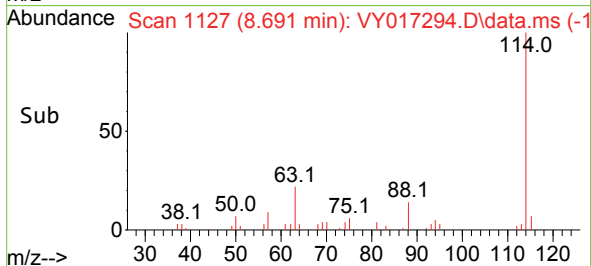
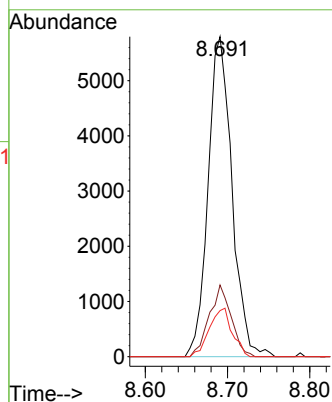
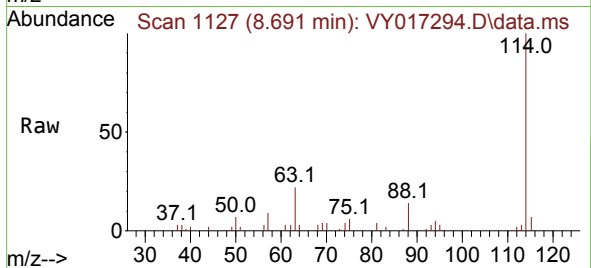
Tgt Ion:114 Resp: 11687

Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.944 ug/l

RT: 7.721 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017294.D

Acq: 07 Feb 2024 17:12

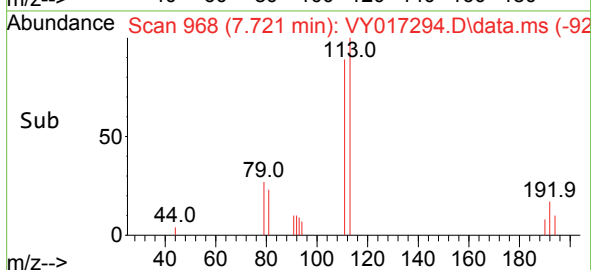
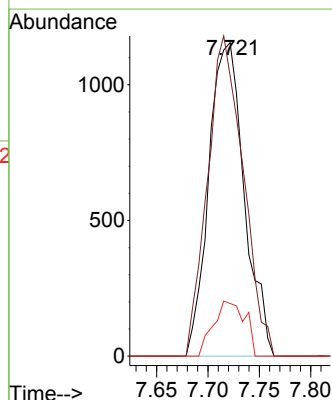
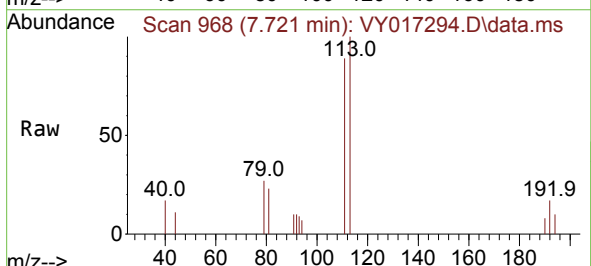
Tgt Ion:113 Resp: 2773

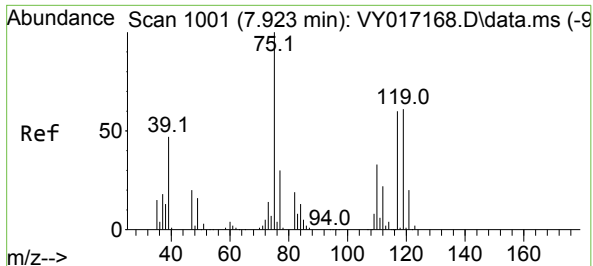
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 15.5 14.5 21.7

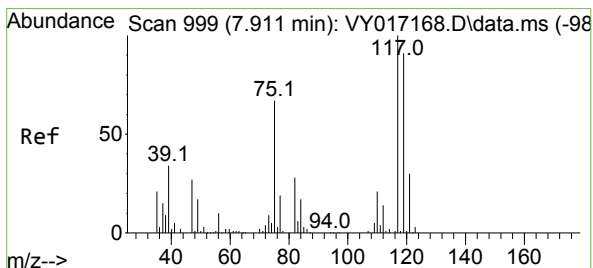
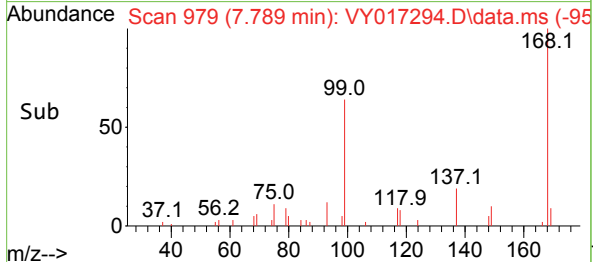
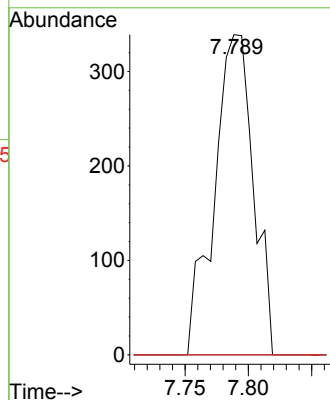
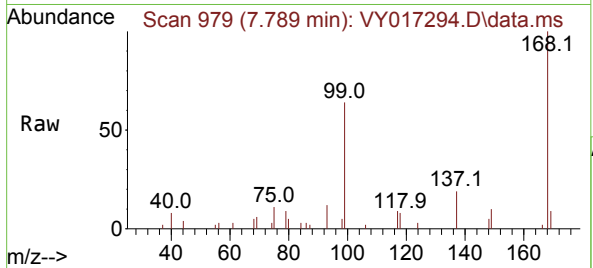




#36
 1,1-Dichloropropene
 Concen: 6.743 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY017294.D
 Acq: 07 Feb 2024 17:12

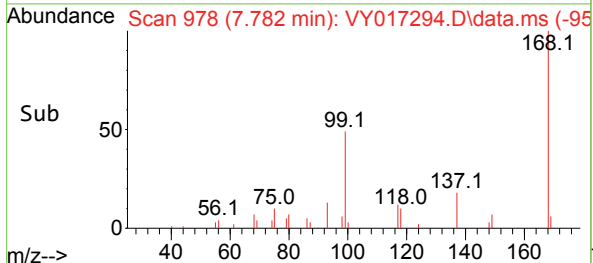
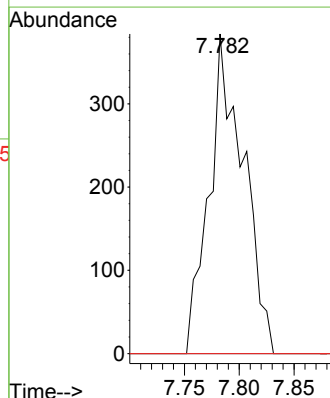
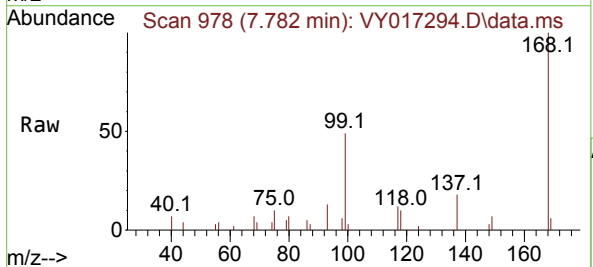
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

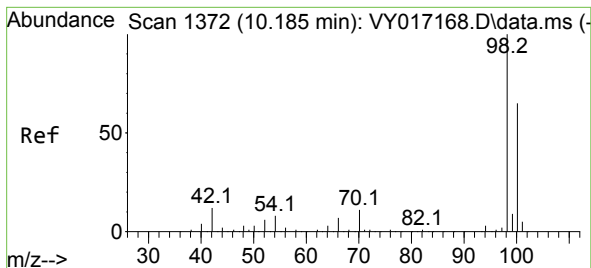
Tgt Ion: 75 Resp: 734
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 8.012 ug/l
 RT: 7.782 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY017294.D
 Acq: 07 Feb 2024 17:12

Tgt Ion: 117 Resp: 835
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 43.351 ug/l

RT: 10.184 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017294.D

Acq: 07 Feb 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

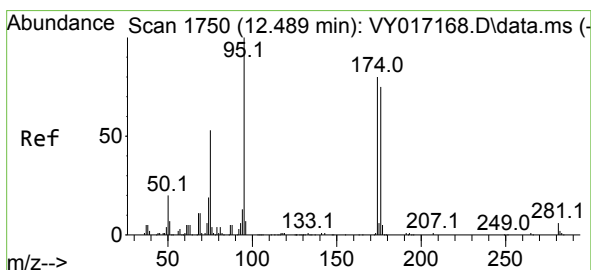
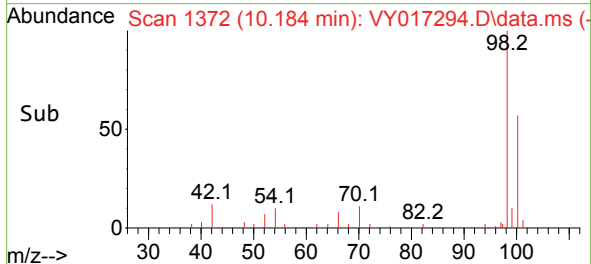
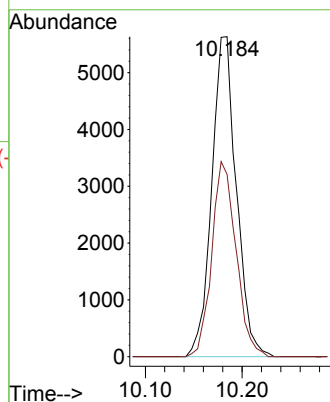
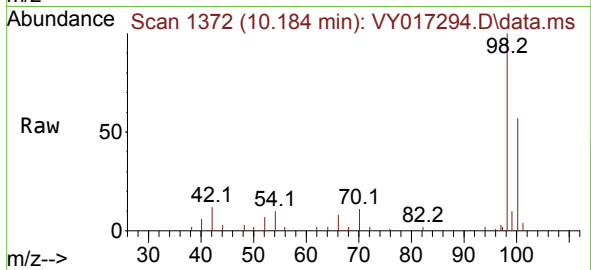
TP-5

Tgt Ion: 98 Resp: 9960

Ion Ratio Lower Upper

98 100

100 60.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 28.314 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017294.D

Acq: 07 Feb 2024 17:12

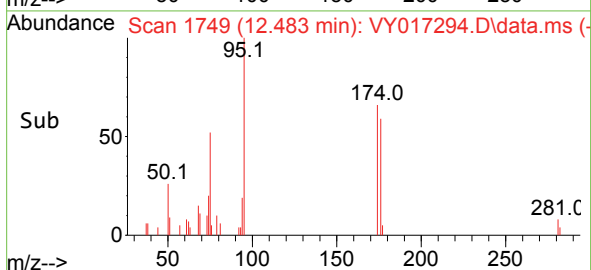
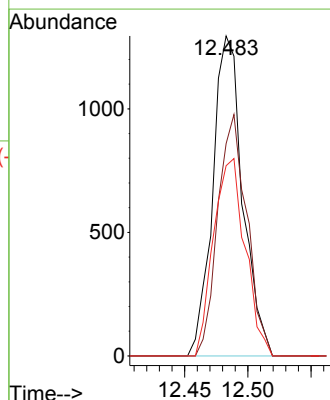
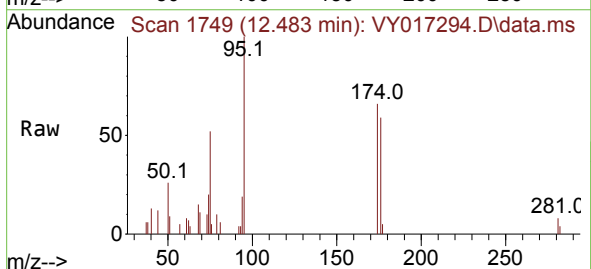
Tgt Ion: 95 Resp: 2131

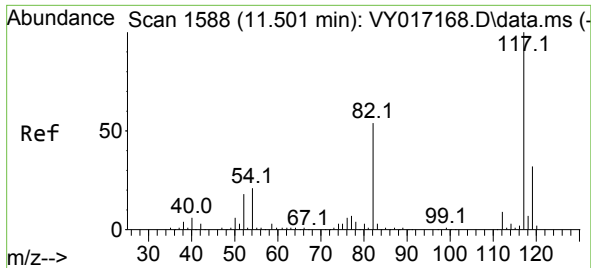
Ion Ratio Lower Upper

95 100

174 73.1 0.0 160.0

176 65.3 0.0 151.8

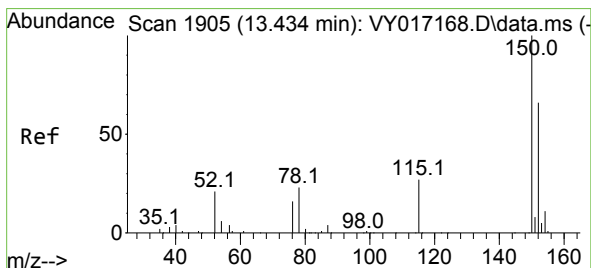
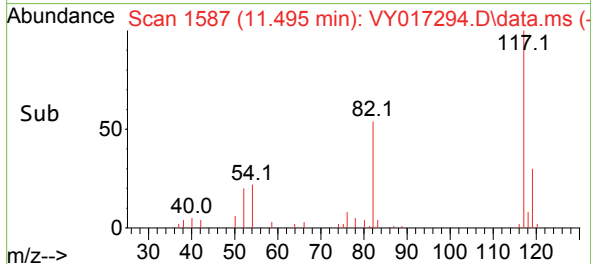
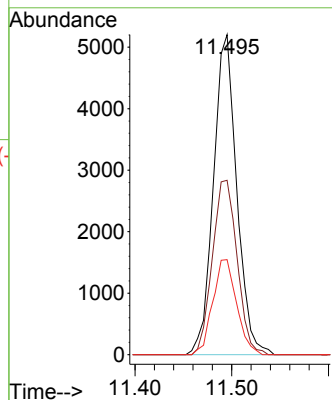
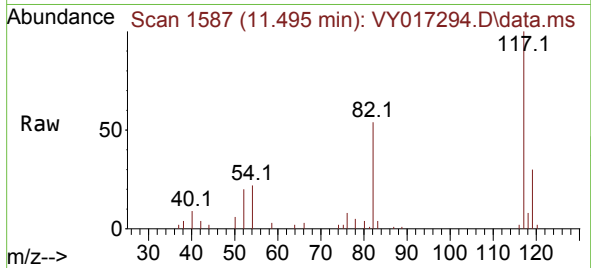




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

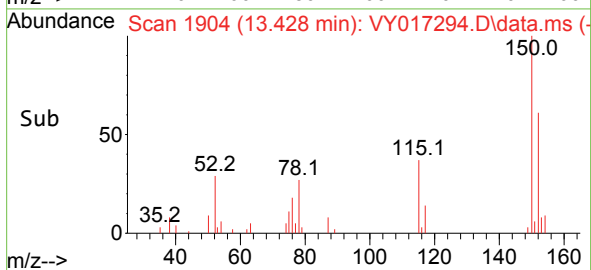
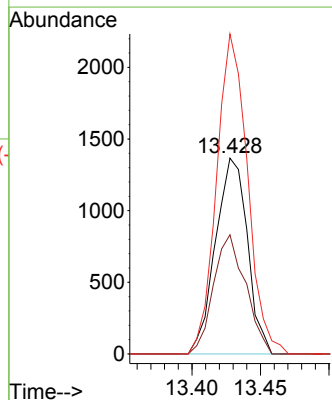
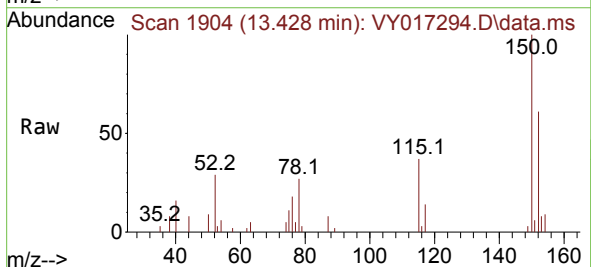
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

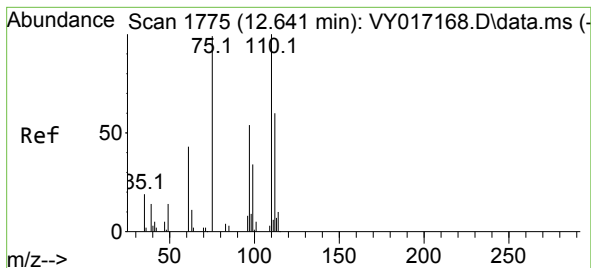
Tgt Ion:117 Resp: 8706
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 29.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

Tgt Ion:152 Resp: 2213
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.0
150 158.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 54.050 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY017294.D

Acq: 07 Feb 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

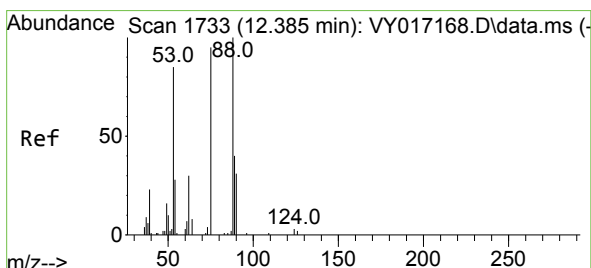
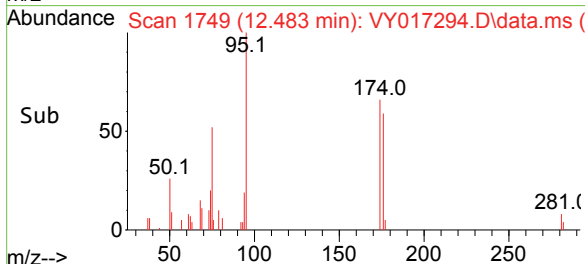
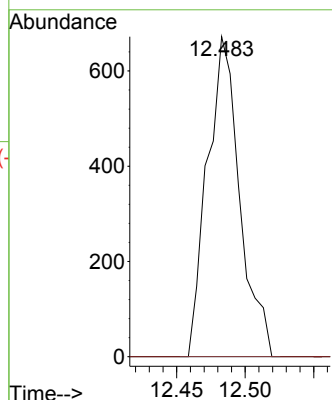
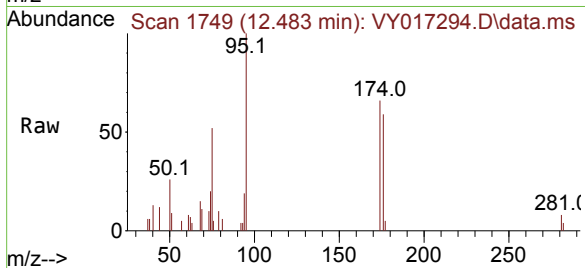
TP-5

Tgt Ion: 75 Resp: 1104

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 112.308 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017294.D

Acq: 07 Feb 2024 17:12

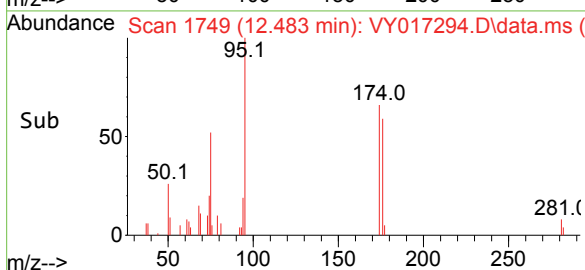
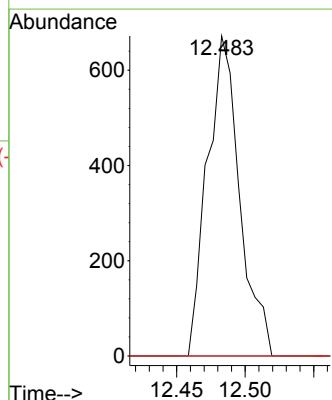
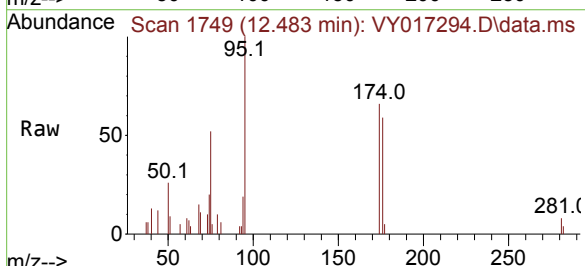
Tgt Ion: 75 Resp: 1104

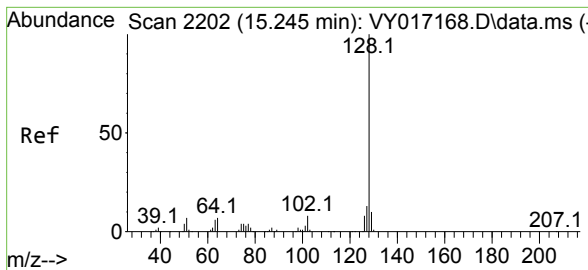
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 4.093 ug/l
RT: 15.299 min Scan# 211
Delta R.T. 0.054 min
Lab File: VY017294.D
Acq: 07 Feb 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

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

