

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017190.D
 Acq On : 02 Feb 2024 17:35
 Operator : SY/MD
 Sample : P1311-07RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Feb 02 22:32:58 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)

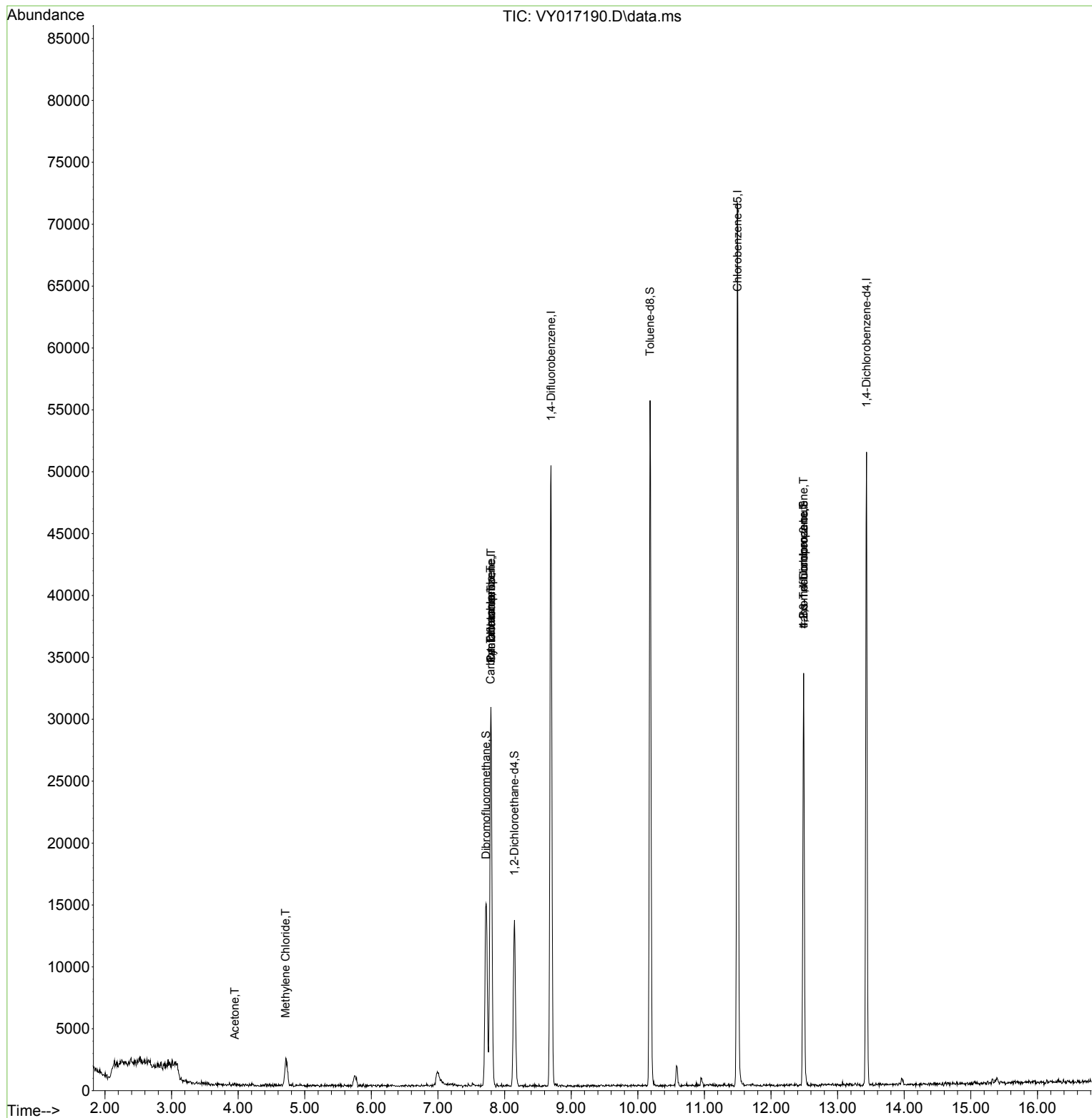
Internal Standards						
1) Pentafluorobenzene	7.795	168	24257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	42901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	39129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	12434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10486	48.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.780%
35) Dibromofluoromethane	7.722	113	11433	49.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.185	98	36856	43.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.400%
62) 4-Bromofluorobenzene	12.489	95	10225	37.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.020%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	72	1.130	ug/l #	40
20) Methylene Chloride	4.710	84	1443	2.181	ug/l #	71
31) Cyclohexane	7.795	56	484	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	1943	4.863	ug/l #	45
38) Carbon Tetrachloride	7.789	117	2470	6.456	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	5403	47.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	5403	97.824	ug/l #	12

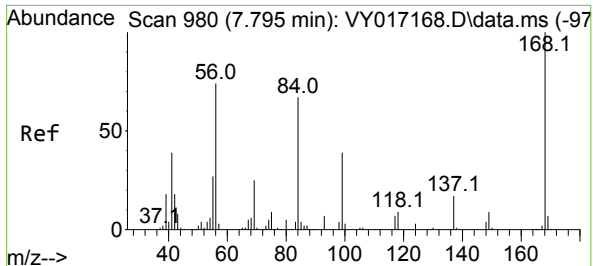
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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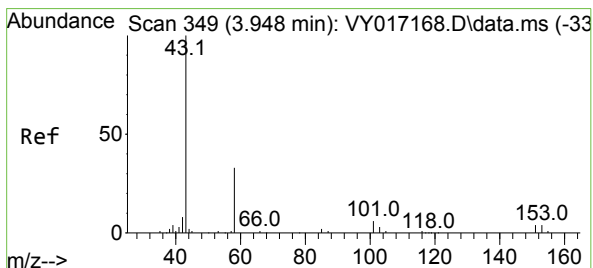
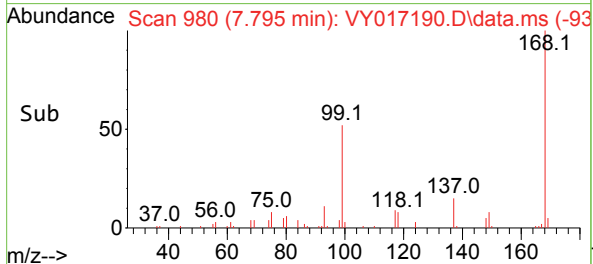
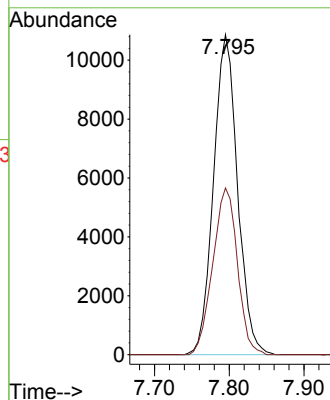
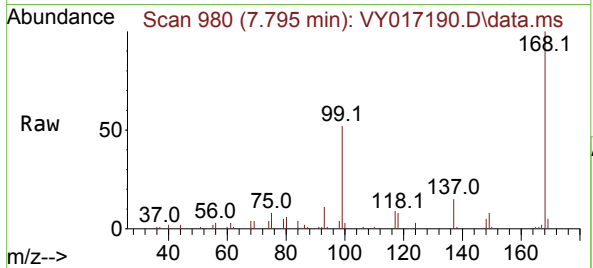




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

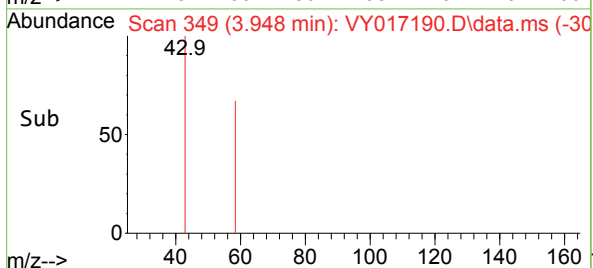
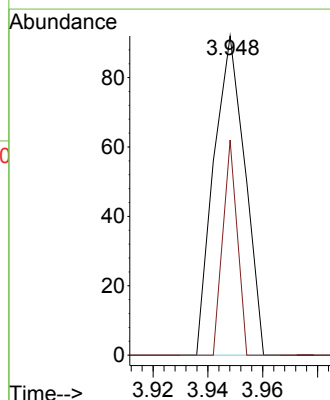
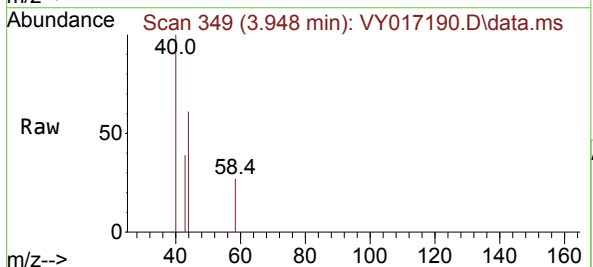
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

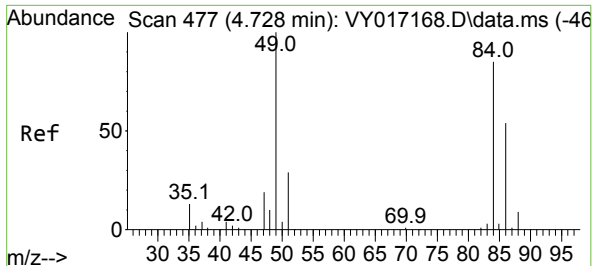
Tgt Ion:168 Resp: 24257
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4



#16
Acetone
Concen: 1.130 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 67.4 26.6 39.8#





#20

Methylene Chloride

Concen: 2.181 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.018 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

Tgt Ion: 84 Resp: 1443

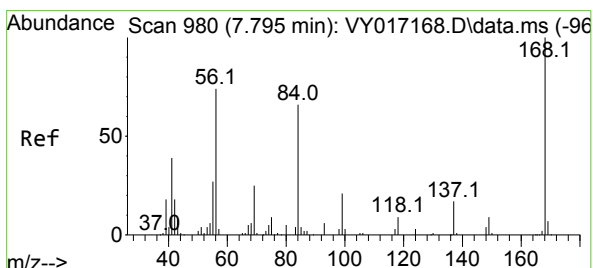
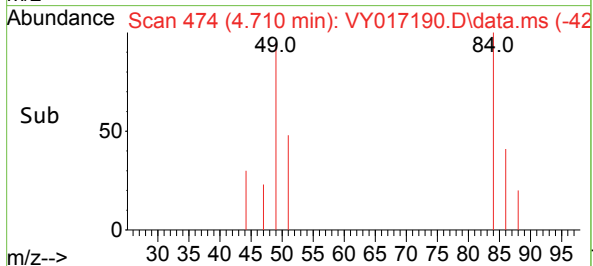
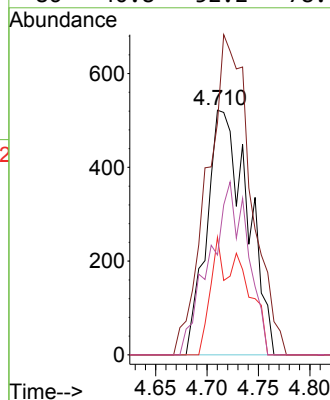
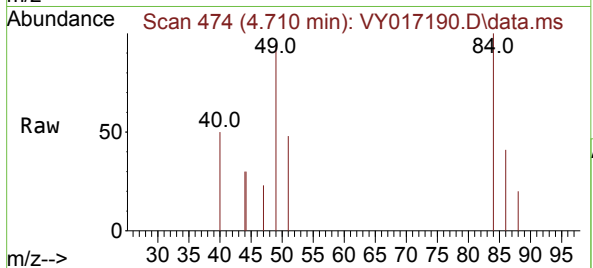
Ion Ratio Lower Upper

84 100

49 85.1 95.2 142.8#

51 48.1 29.9 44.9#

86 40.8 52.2 78.4#



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

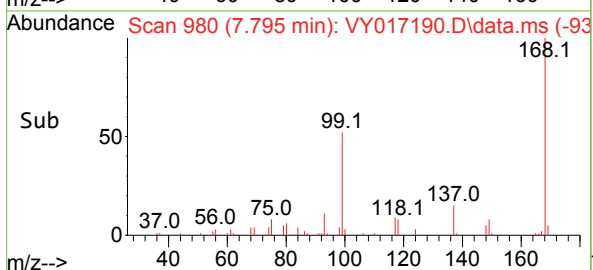
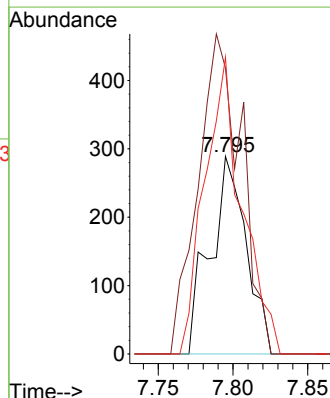
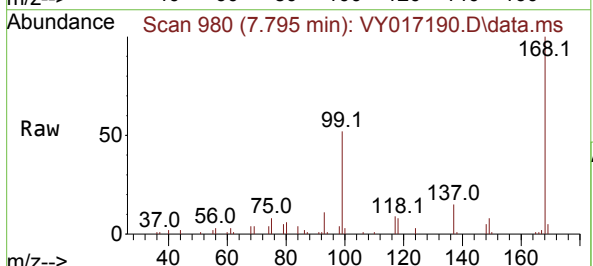
Tgt Ion: 56 Resp: 484

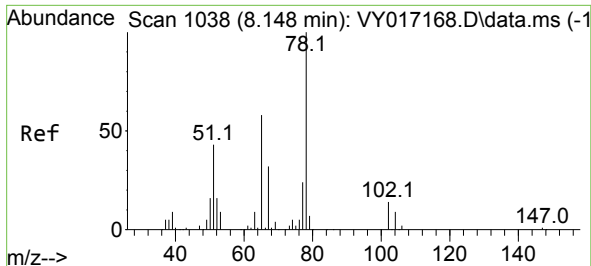
Ion Ratio Lower Upper

56 100

69 144.6 27.0 40.6#

84 150.2 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 48.390 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

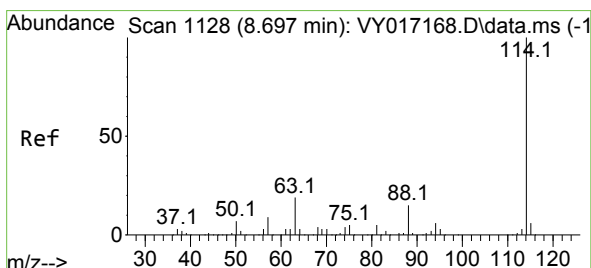
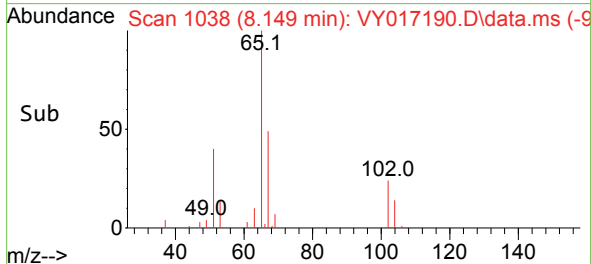
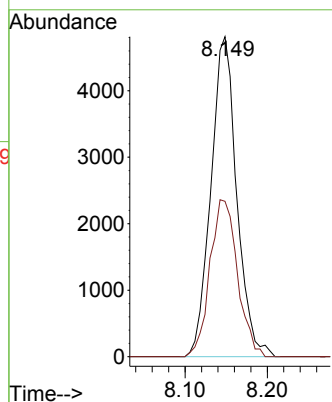
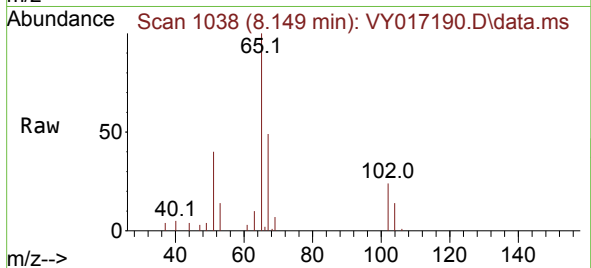
TP-4RE

Tgt Ion: 65 Resp: 10486

Ion Ratio Lower Upper

65 100

67 52.2 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: VY017190.D

Acq: 02 Feb 2024 17:35

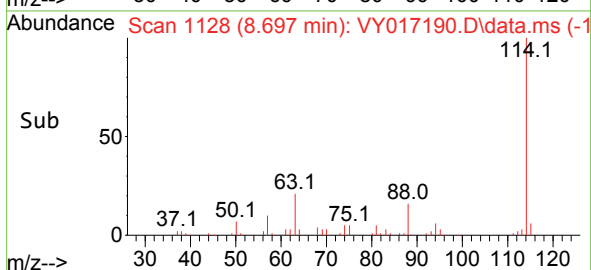
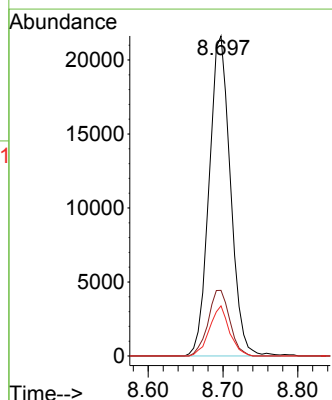
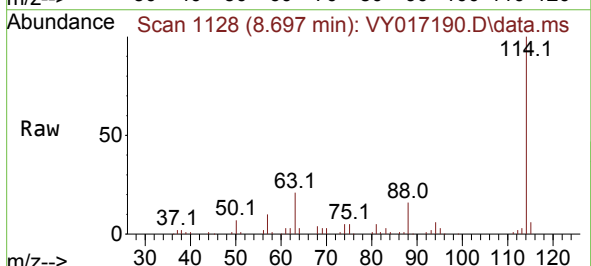
Tgt Ion: 114 Resp: 42901

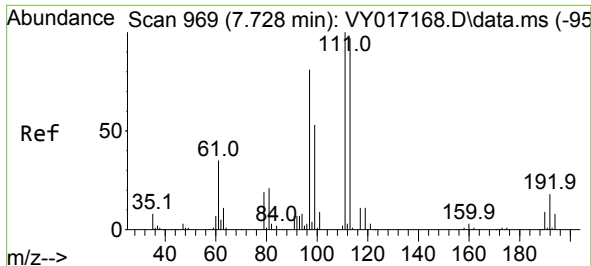
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.7 0.0 29.0

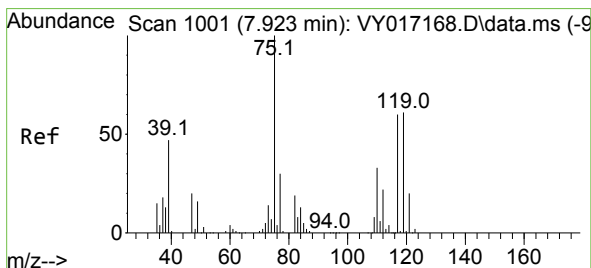
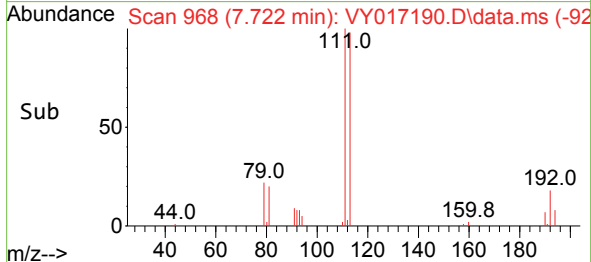
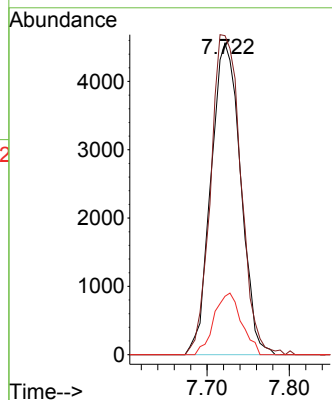
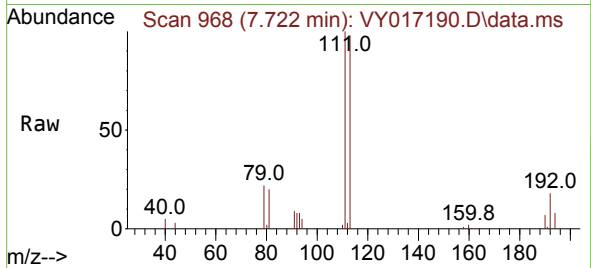




#35
Dibromofluoromethane
Concen: 49.357 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

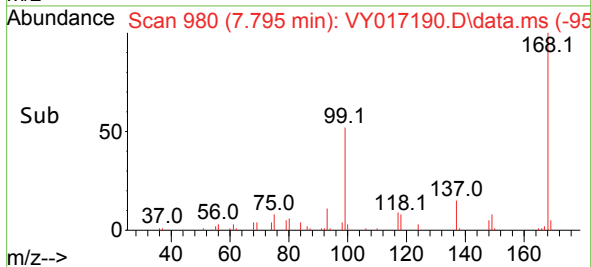
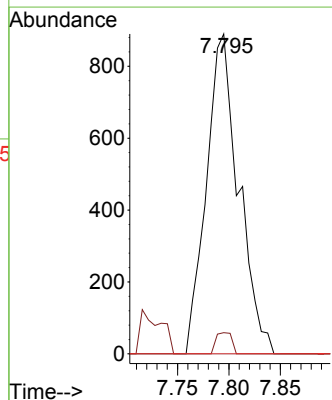
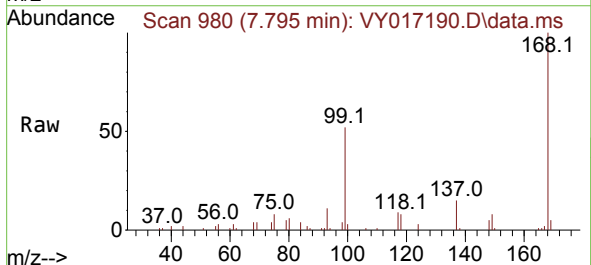
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

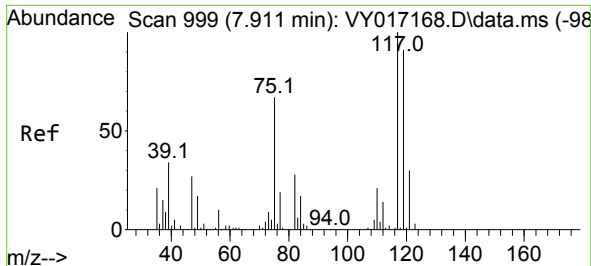
Tgt Ion:113 Resp: 11433
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

Tgt Ion: 75 Resp: 1943
Ion Ratio Lower Upper
75 100
110 3.2 17.4 52.3#
77 0.0 24.7 37.1#

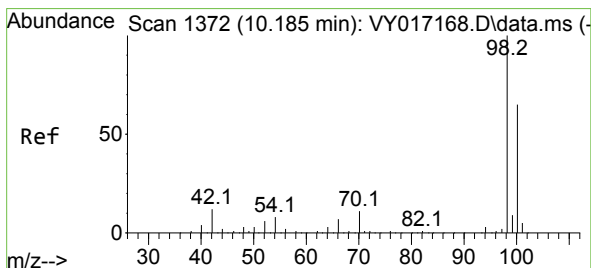
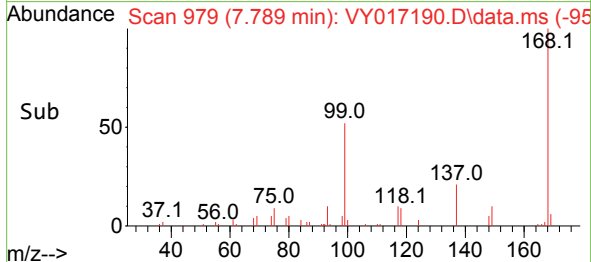
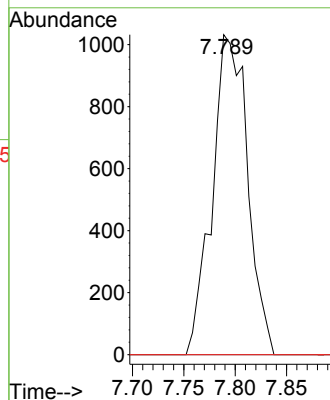
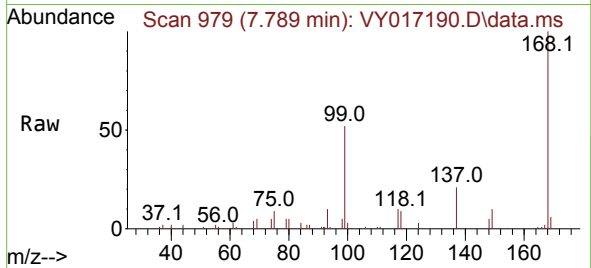




#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

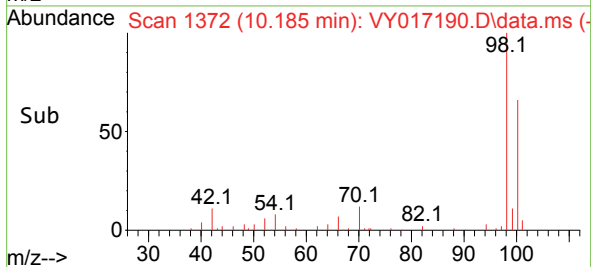
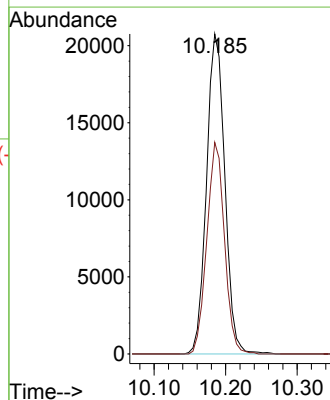
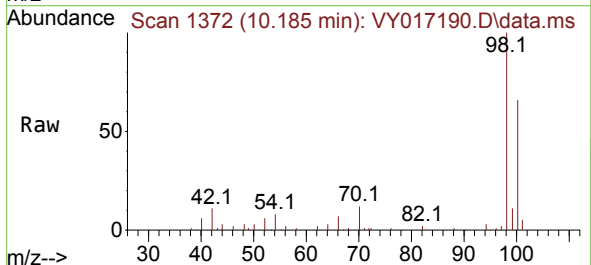
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

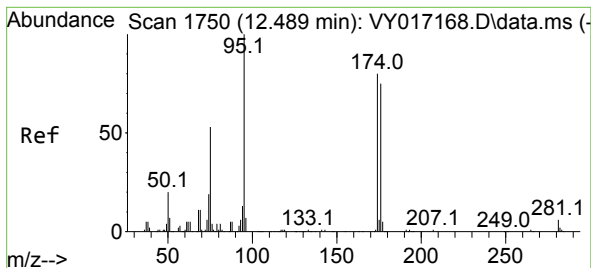
Tgt Ion:117 Resp: 2470
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.701 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

Tgt Ion: 98 Resp: 36856
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5

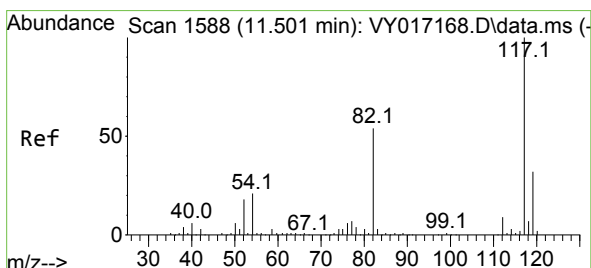
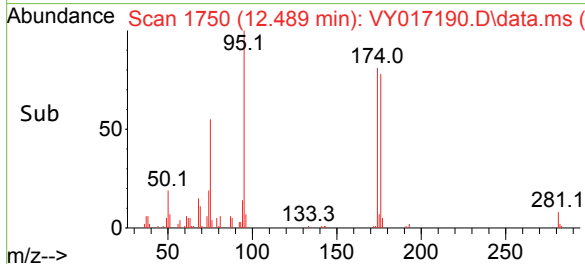
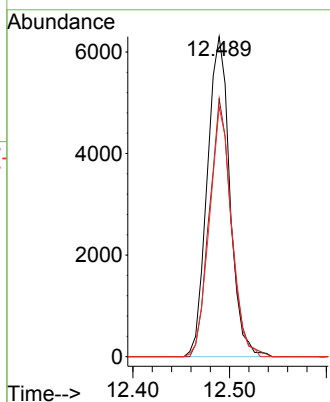
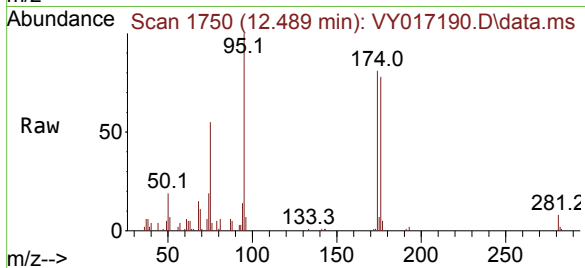




#62
4-Bromofluorobenzene
Concen: 37.010 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

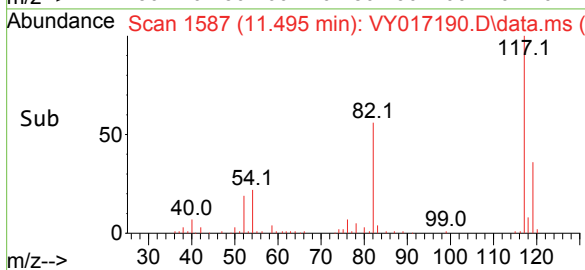
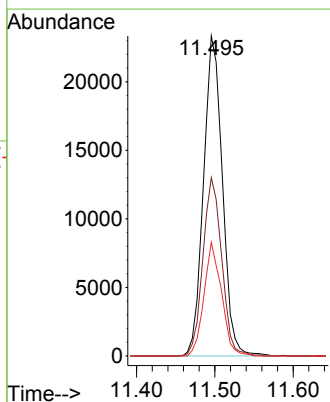
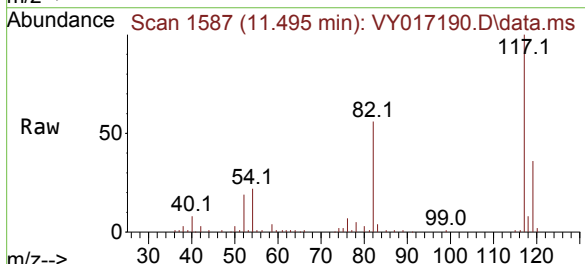
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

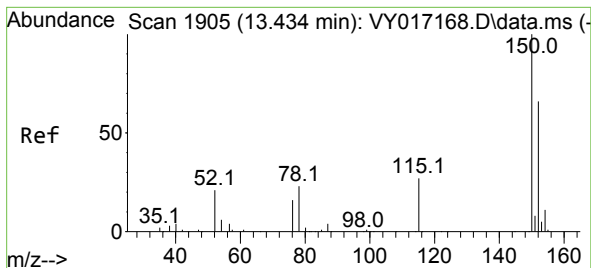
Tgt Ion: 95	Resp: 10225
Ion Ratio	Lower Upper
95 100	
174 78.1	0.0 160.0
176 76.5	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

Tgt Ion: 117	Resp: 39129
Ion Ratio	Lower Upper
117 100	
82 55.7	43.8 65.8
119 35.6	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: VY017190.D

Acq: 02 Feb 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

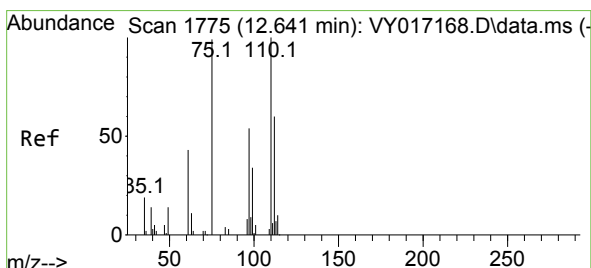
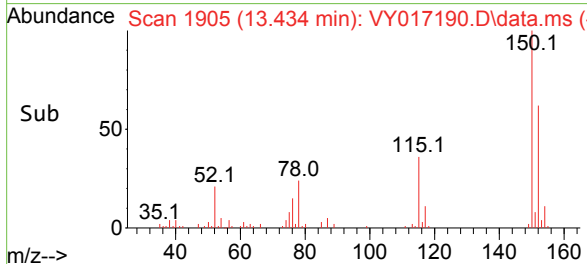
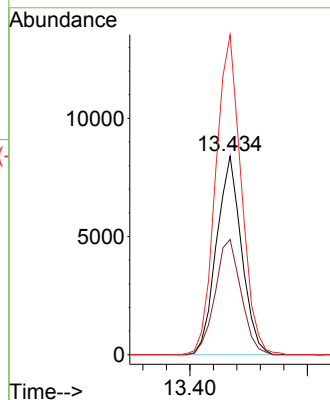
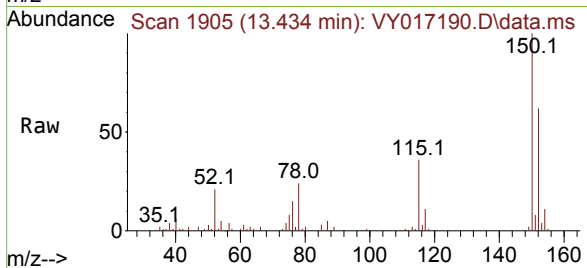
Tgt Ion:152 Resp: 12434

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 164.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 47.079 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017190.D

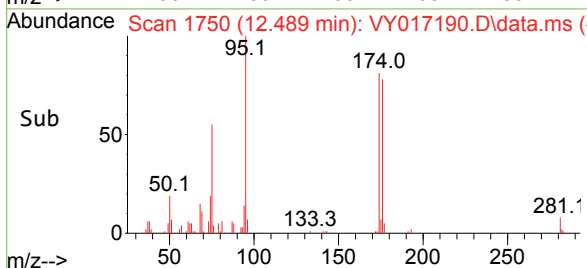
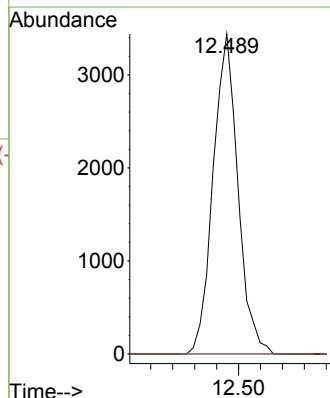
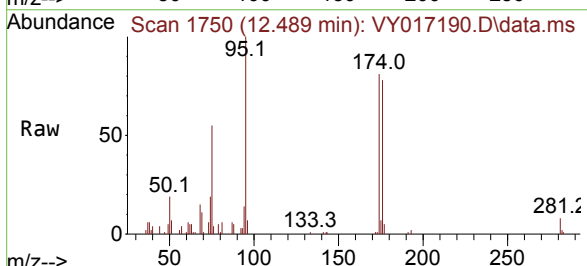
Acq: 02 Feb 2024 17:35

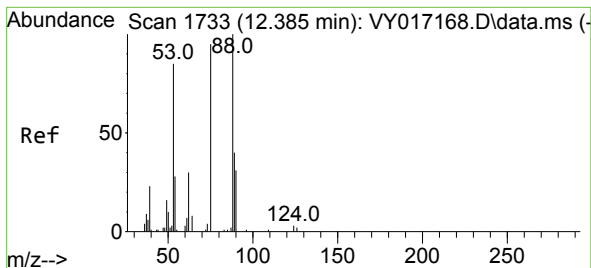
Tgt Ion: 75 Resp: 5403

Ion Ratio Lower Upper

75 100

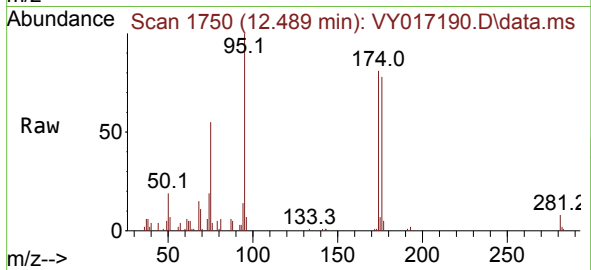
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.824 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017190.D
 Acq: 02 Feb 2024 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE



Tgt Ion: 75 Resp: 5403
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

