

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017726.D
 Acq On : 20 Mar 2024 15:07
 Operator : SY/MD
 Sample : P1817-02
 Misc : 3.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:14:43 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)

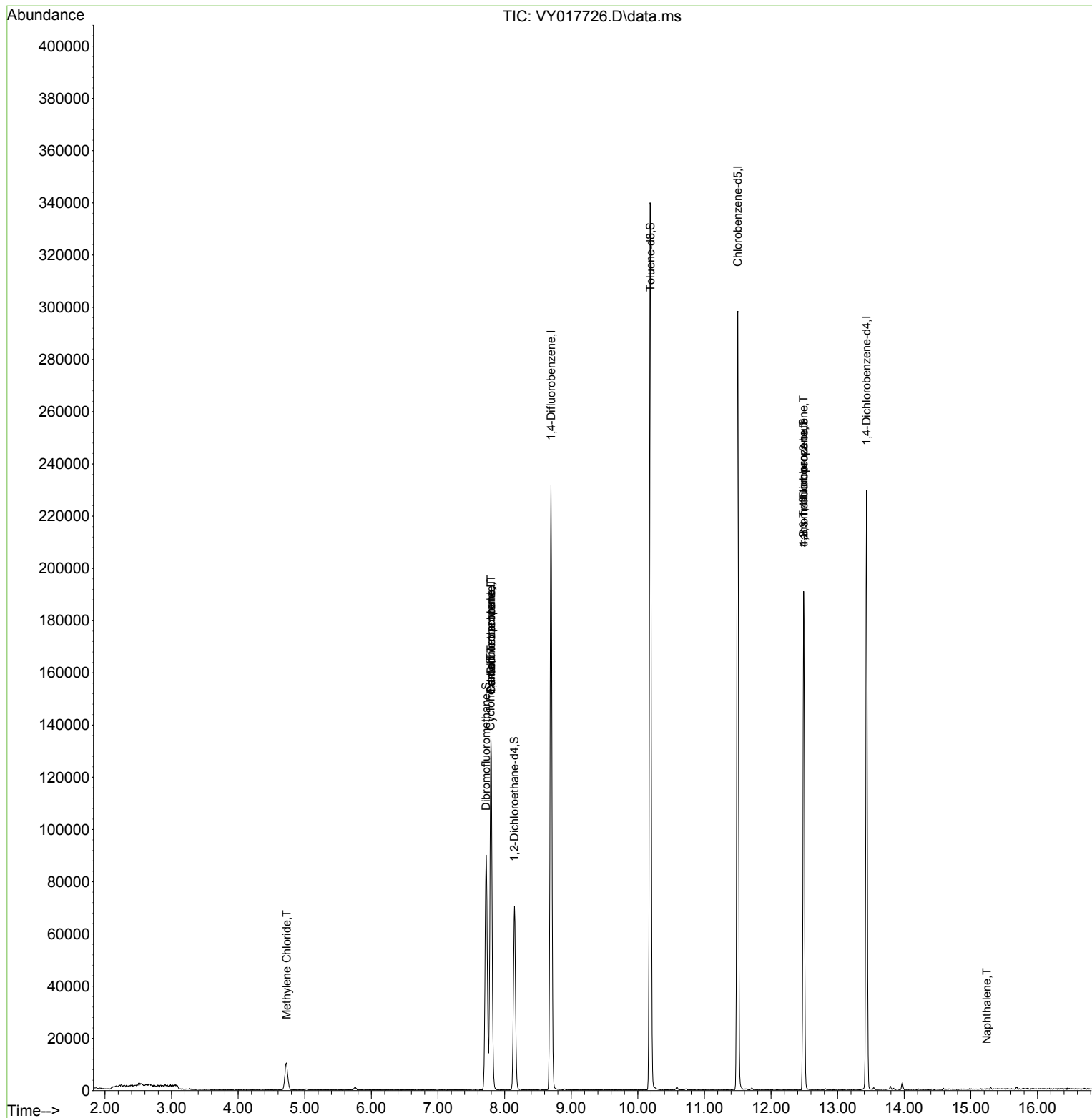
Internal Standards						
1) Pentafluorobenzene	7.795	168	110037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	58903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51679	49.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.722	113	64573	45.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.780%
50) Toluene-d8	10.191	98	235539	47.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.489	95	57137	36.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.100%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	7846	1.263	ug/l	96
31) Cyclohexane	7.789	56	2082	1.227	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	7958	4.146	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10171	5.288	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	29508	52.724	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	29508	121.148	ug/l #	16
95) Naphthalene	15.239	128	75	3.952	ug/l #	69

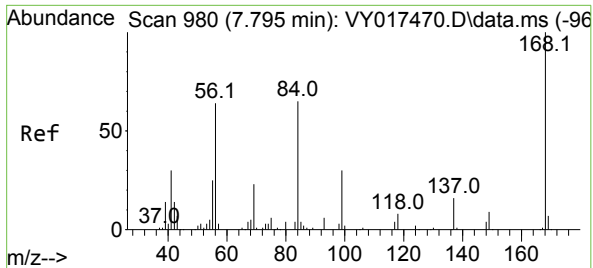
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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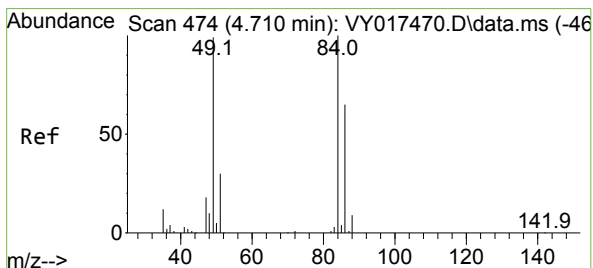
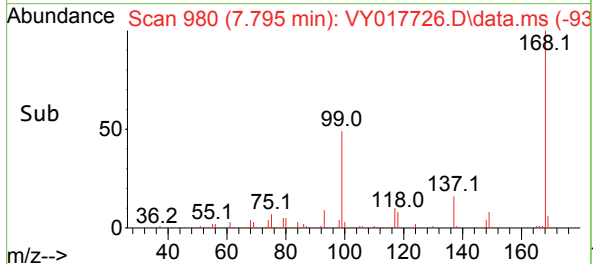
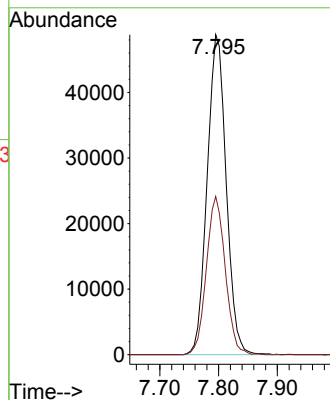
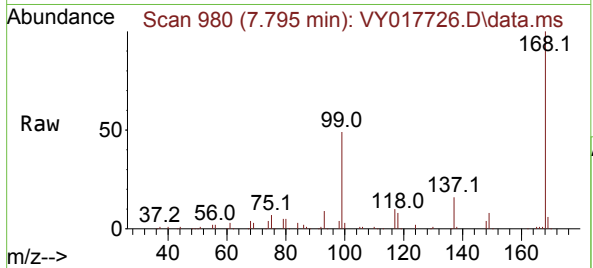




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

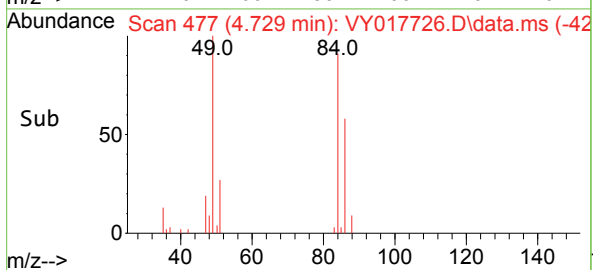
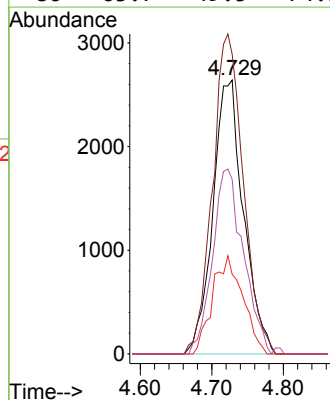
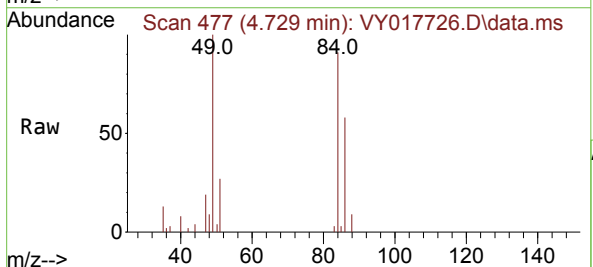
Instrument :
MSVOA_Y
ClientSampleId :

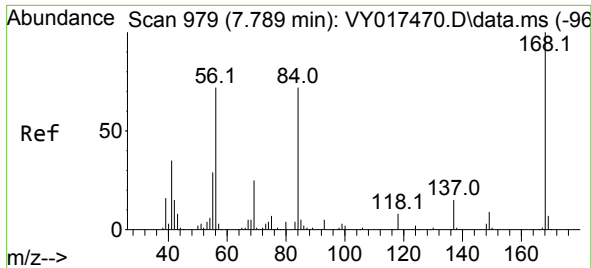
Tgt Ion:168 Resp: 110037
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#20
Methylene Chloride
Concen: 1.263 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

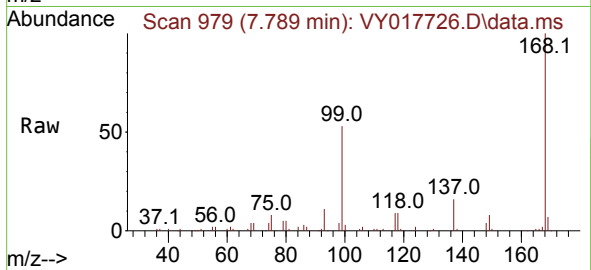
Tgt Ion: 84 Resp: 7846
Ion Ratio Lower Upper
84 100
49 109.4 84.4 126.6
51 29.0 26.0 39.0
86 63.7 49.5 74.3



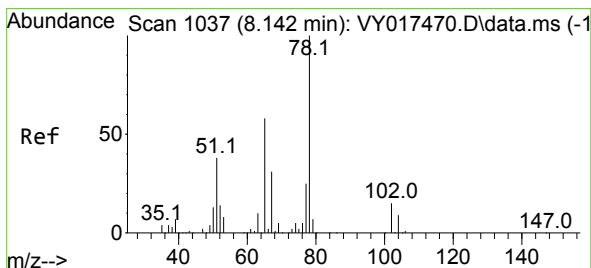
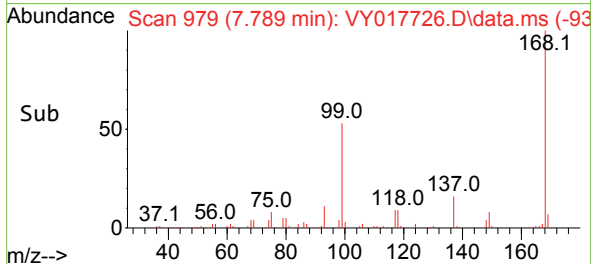
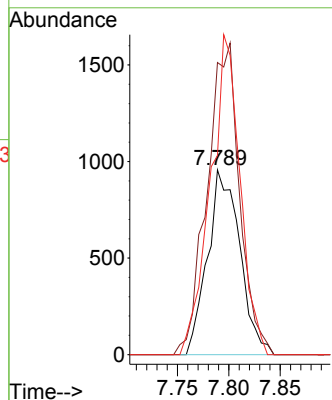


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Instrument :
MSVOA_Y
ClientSampleId :

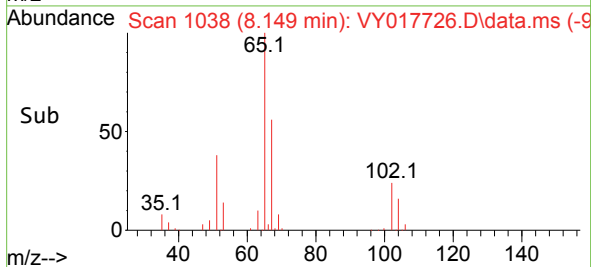
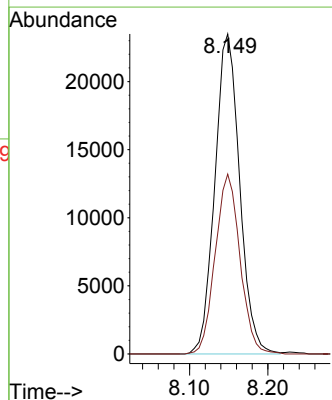
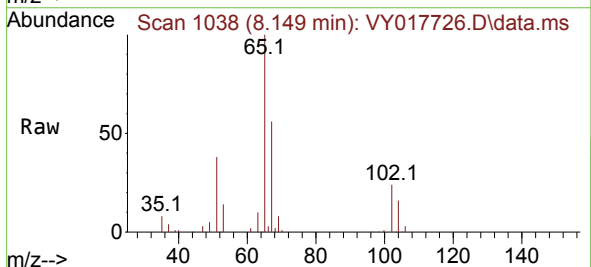


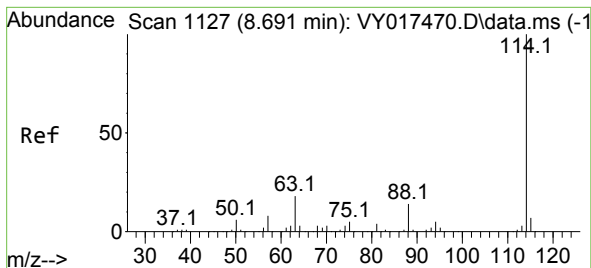
Tgt Ion: 56 Resp: 2082
Ion Ratio Lower Upper
56 100
69 158.1 28.7 43.1#
84 107.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 49.555 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Tgt Ion: 65 Resp: 51679
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

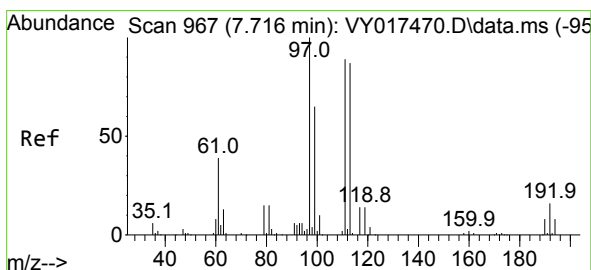
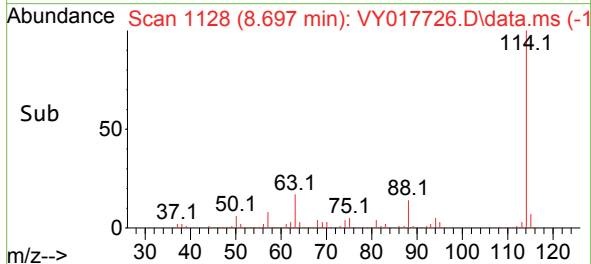
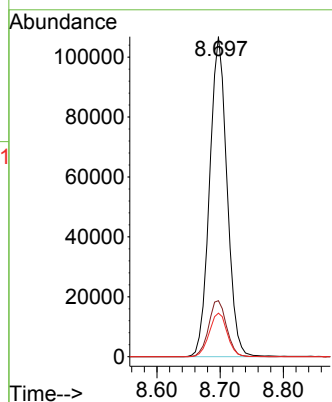
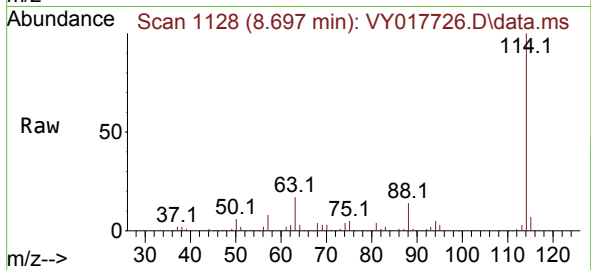
Tgt Ion:114 Resp: 204138

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.394 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

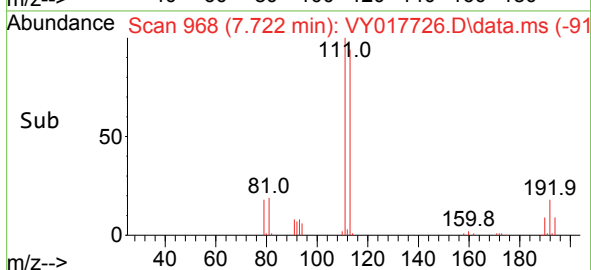
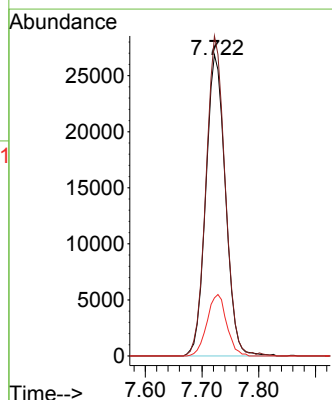
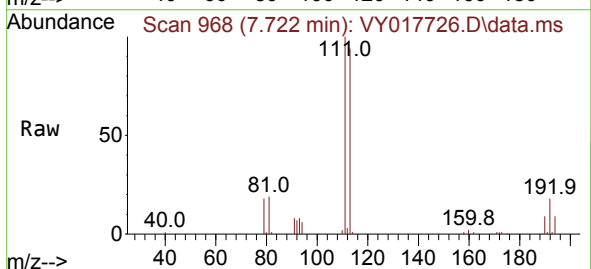
Tgt Ion:113 Resp: 64573

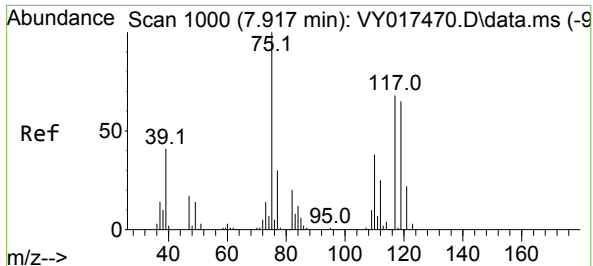
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 20.4 15.9 23.9

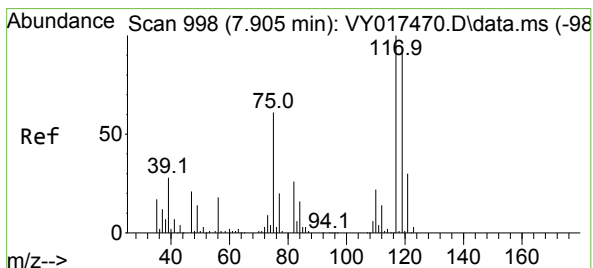
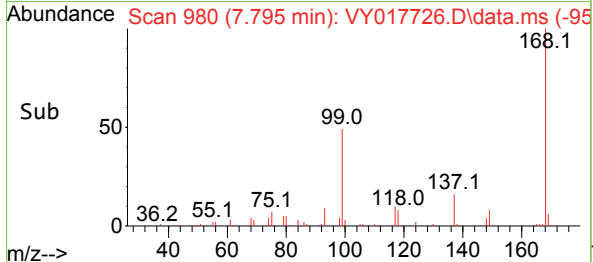
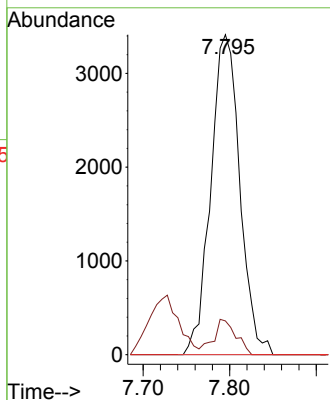
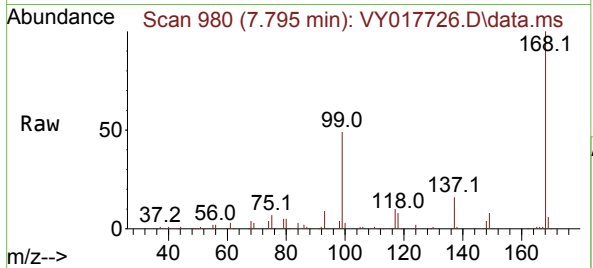




#36
1,1-Dichloropropene
Concen: 4.146 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

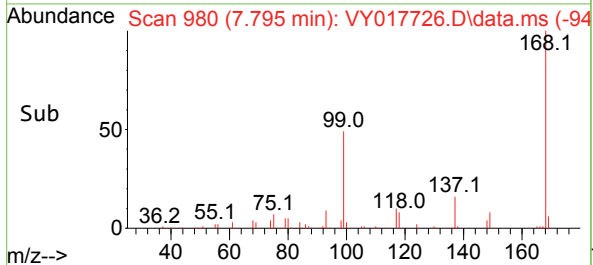
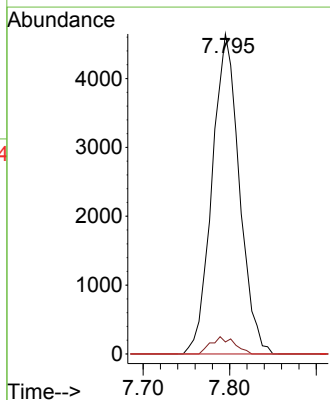
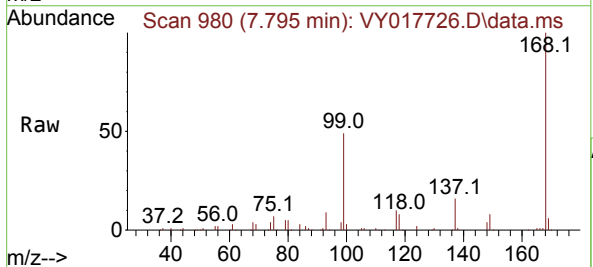
Instrument :
MSVOA_Y
ClientSampleId :

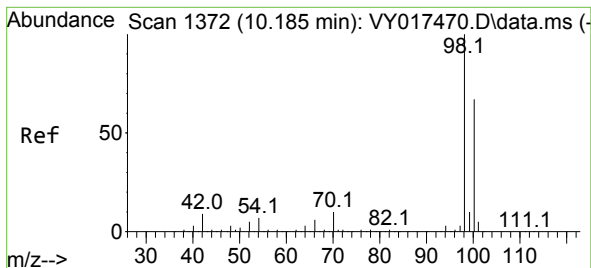
Tgt Ion: 75 Resp: 7958
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.288 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Tgt Ion: 117 Resp: 10171
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.358 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

Instrument :

MSVOA_Y

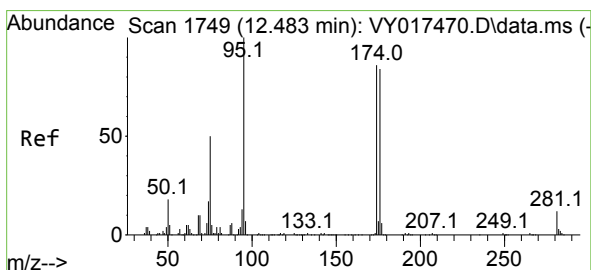
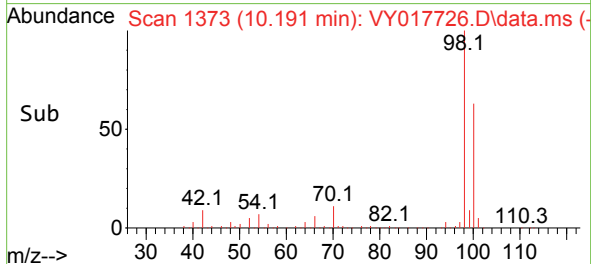
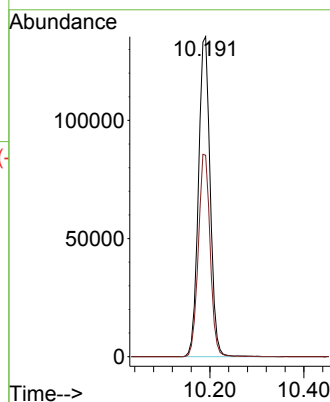
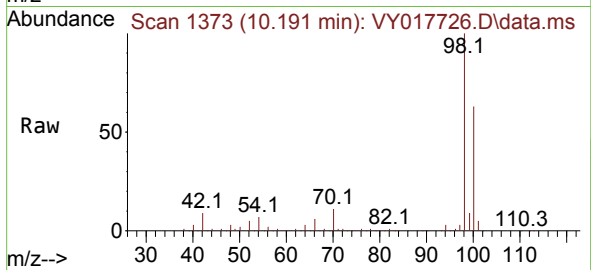
ClientSampleId :

Tgt Ion: 98 Resp: 235539

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.554 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

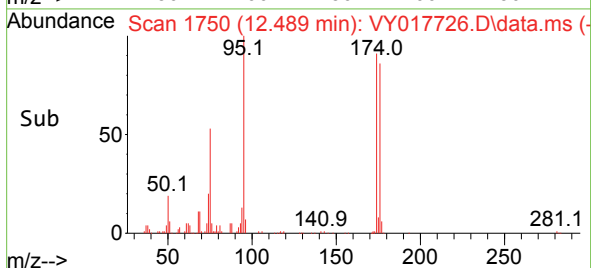
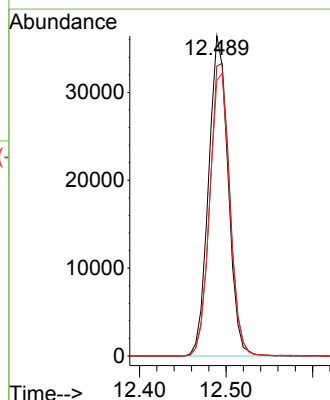
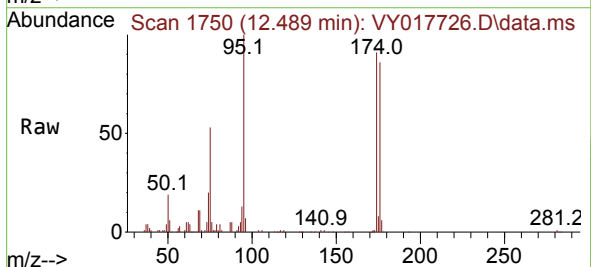
Tgt Ion: 95 Resp: 57137

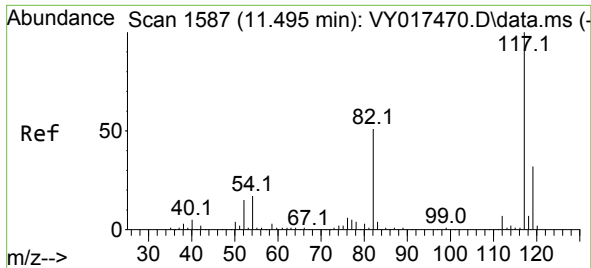
Ion Ratio Lower Upper

95 100

174 93.7 0.0 175.6

176 91.2 0.0 171.4

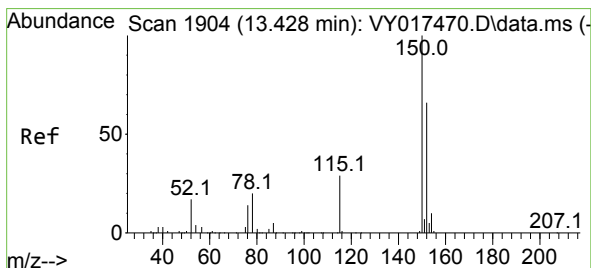
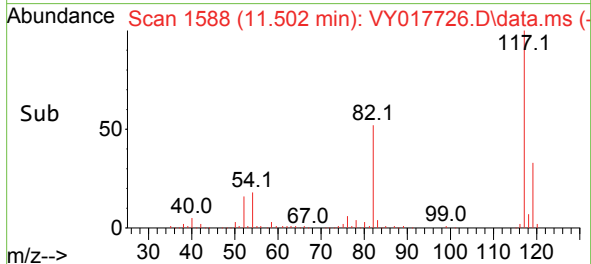
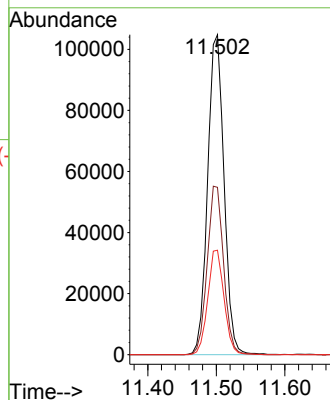
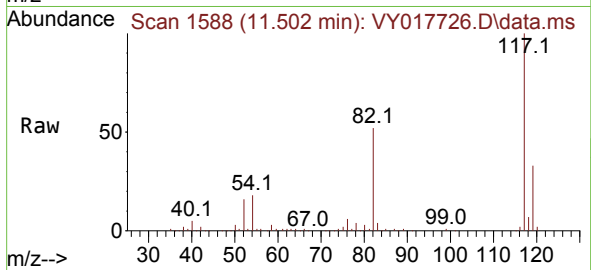




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

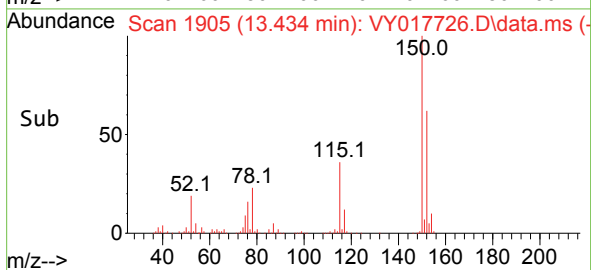
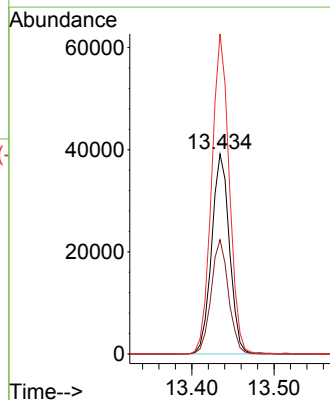
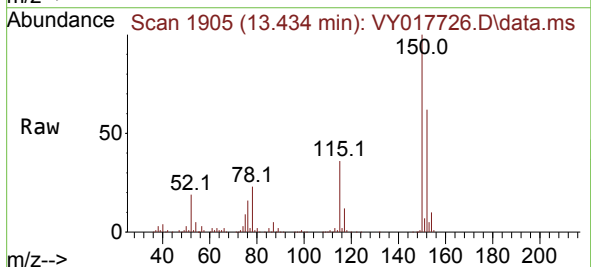
Instrument :
MSVOA_Y
ClientSampleId :

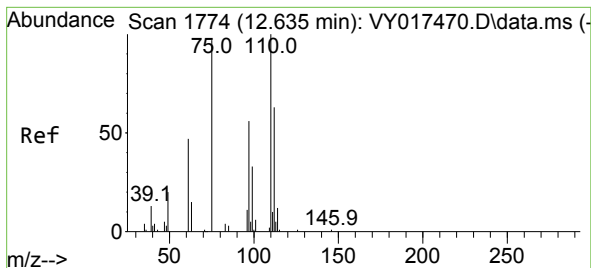
Tgt Ion:117 Resp: 174525
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Tgt Ion:152 Resp: 58903
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 158.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 52.724 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

Instrument :

MSVOA_Y

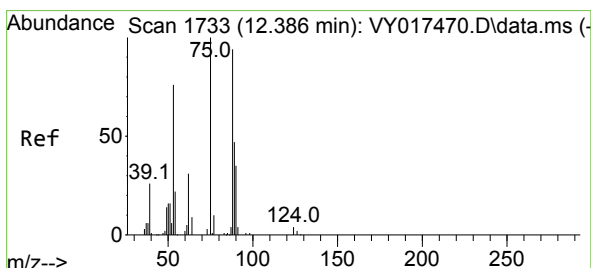
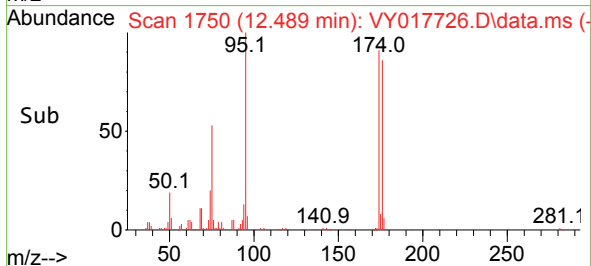
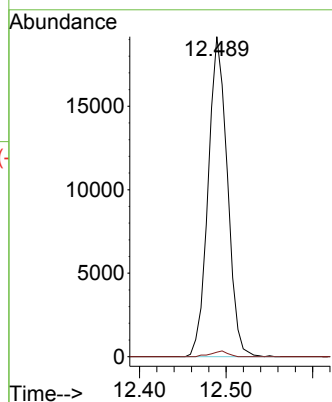
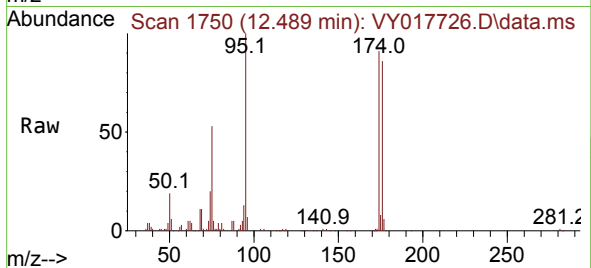
ClientSampleId :

Tgt Ion: 75 Resp: 29508

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.148 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

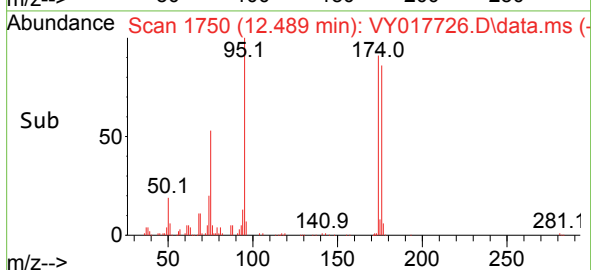
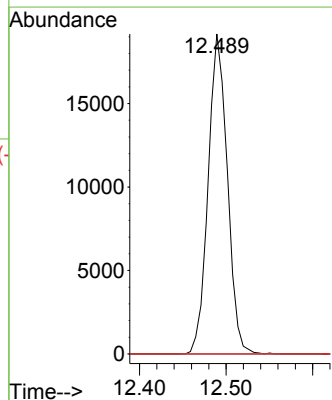
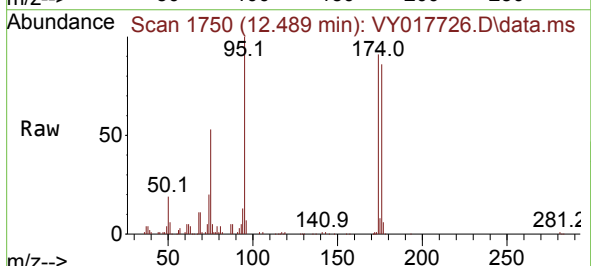
Tgt Ion: 75 Resp: 29508

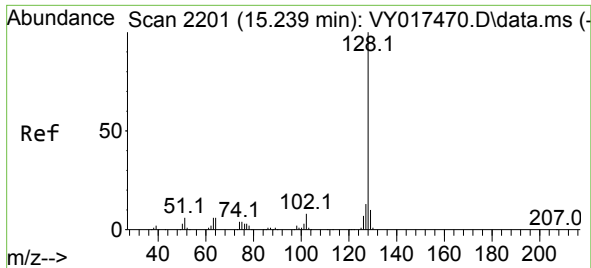
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

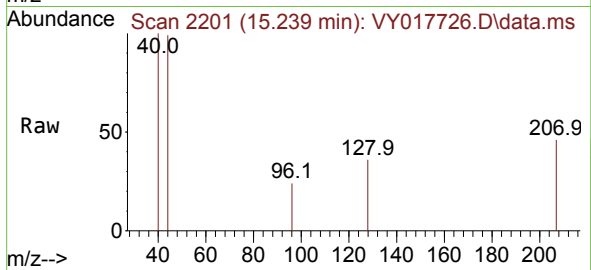
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 3.952 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY017726.D
 Acq: 20 Mar 2024 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 75
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.6 13.0#

