

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017321.D
 Acq On : 08 Feb 2024 18:34
 Operator : SY/MD
 Sample : P1394-06
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:15:51 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)

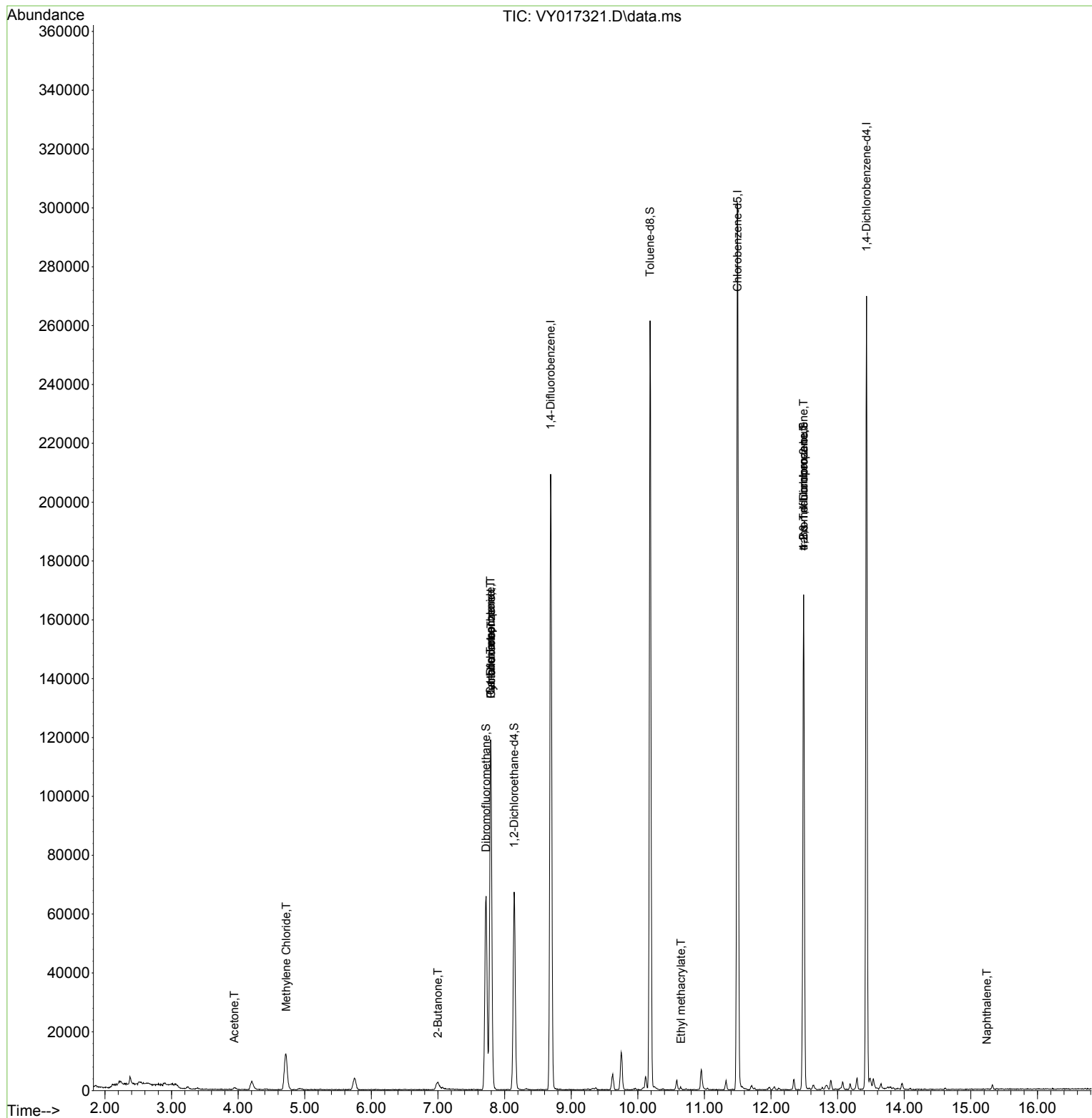
Internal Standards						
1) Pentafluorobenzene	7.795	168	90682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	65135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49509	61.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.220%	
35) Dibromofluoromethane	7.722	113	47585	49.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.480%	
50) Toluene-d8	10.185	98	168219	47.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.620%	
62) 4-Bromofluorobenzene	12.489	95	49203	42.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	23	Below Cal	#	75
16) Acetone	3.942	43	1353	5.683	ug/l	95
20) Methylene Chloride	4.722	84	9102	6.270	ug/l	89
25) 2-Butanone	6.996	43	812	2.565	ug/l #	87
31) Cyclohexane	7.795	56	2341	1.434	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	7667	4.599	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9387	5.881	ug/l #	17
56) Ethyl methacrylate	10.648	69	71	3.062	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	26105	43.422	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	26105	90.226	ug/l #	13
95) Naphthalene	15.239	128	106	3.480	ug/l #	69

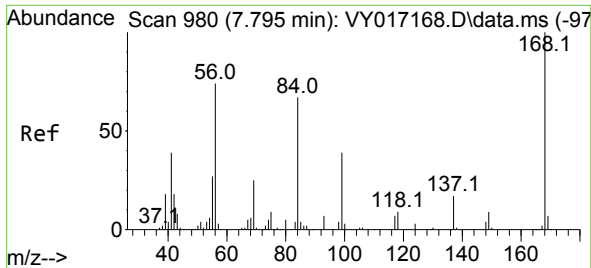
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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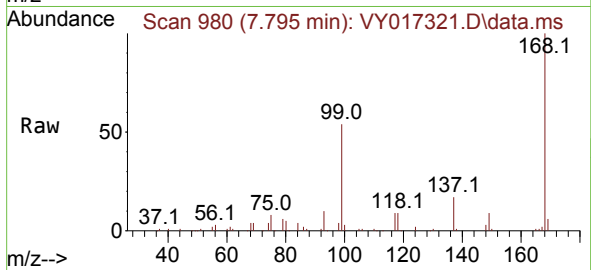
Quant Time: Feb 09 00:15:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration



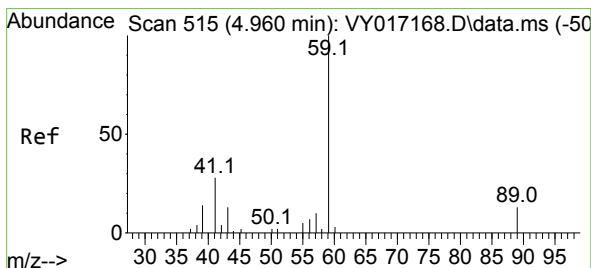
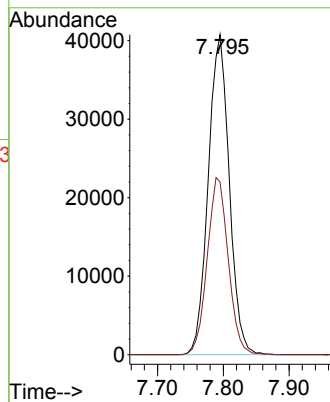
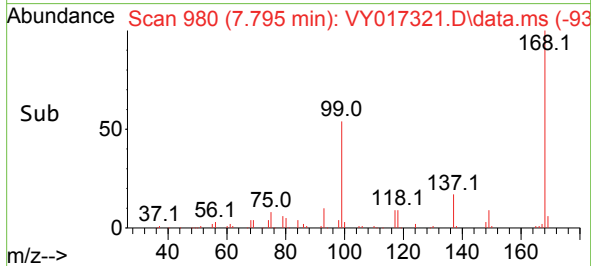


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Instrument :
MSVOA_Y
ClientSampleId :

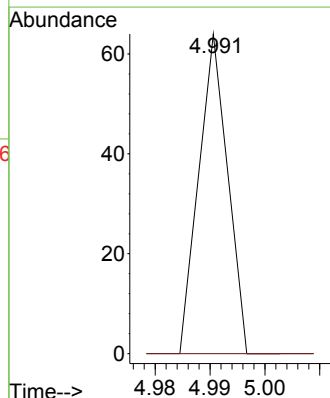
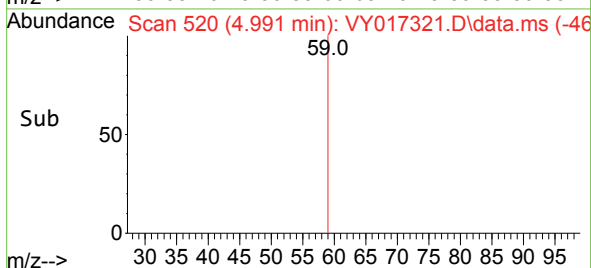
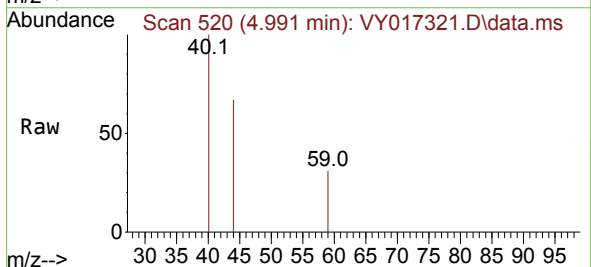


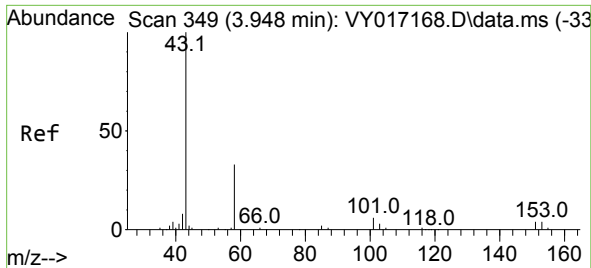
Tgt Ion:168 Resp: 90682
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.991 min Scan# 520
Delta R.T. 0.031 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 5.683 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_Y

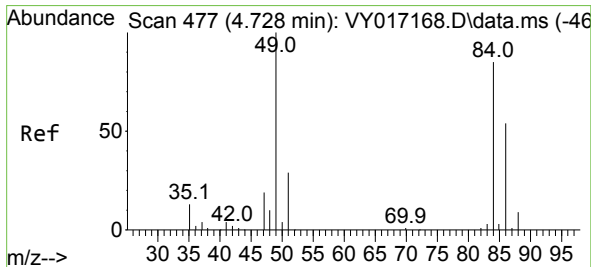
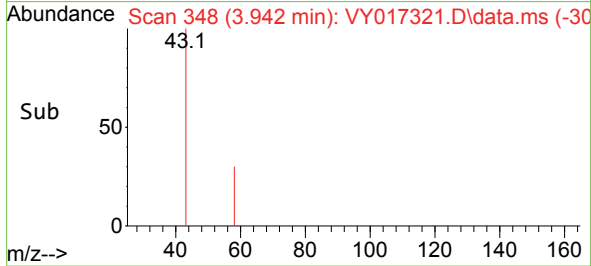
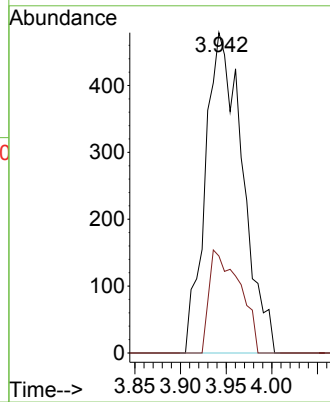
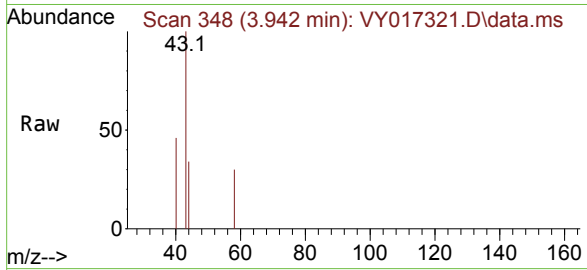
ClientSampleId :

Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 30.3 26.6 39.8



#20

Methylene Chloride

Concen: 6.270 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

Tgt Ion: 84 Resp: 9102

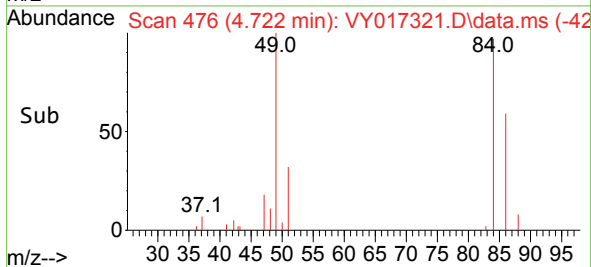
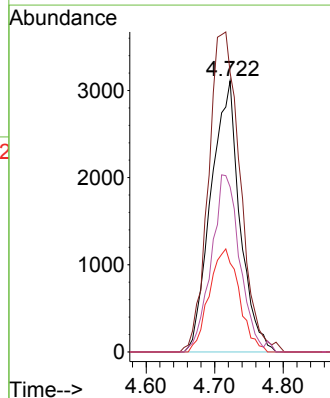
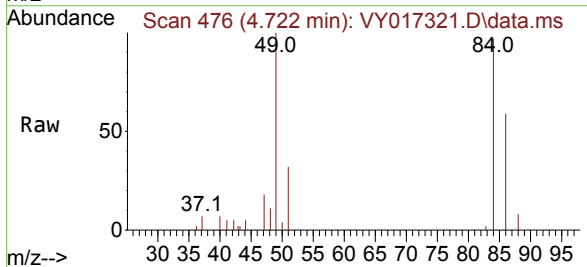
Ion Ratio Lower Upper

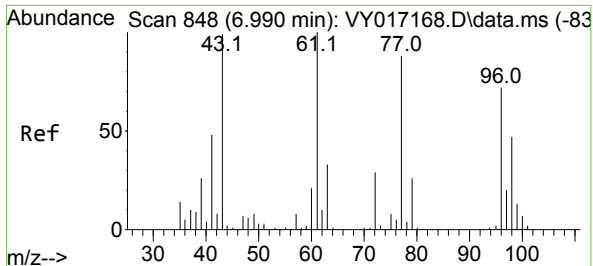
84 100

49 102.9 95.2 142.8

51 32.7 29.9 44.9

86 60.8 52.2 78.4





#25

2-Butanone

Concen: 2.565 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_Y

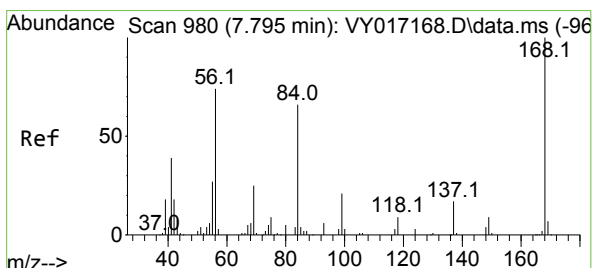
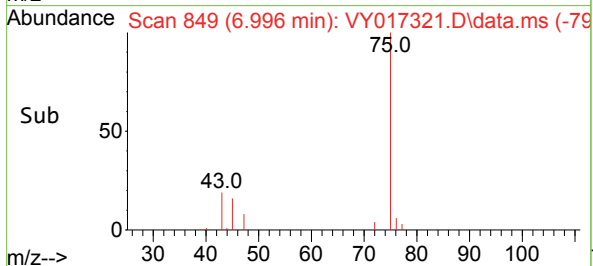
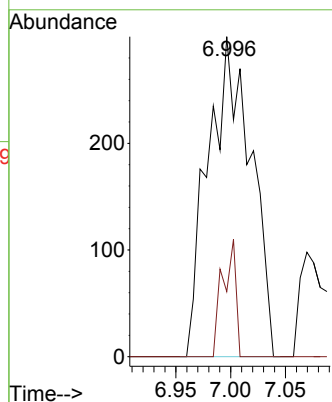
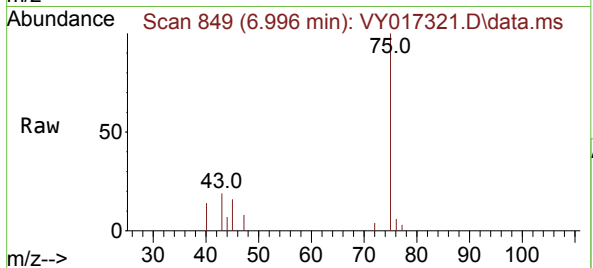
ClientSampleId :

Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

72 20.3 21.4 32.2#



#31

Cyclohexane

Concen: 1.434 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

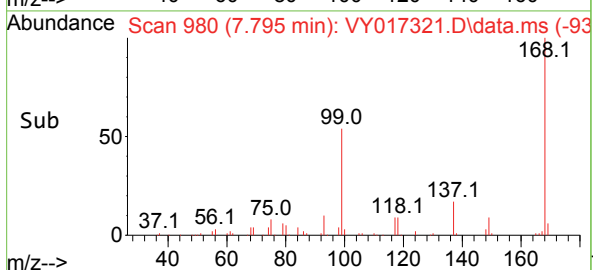
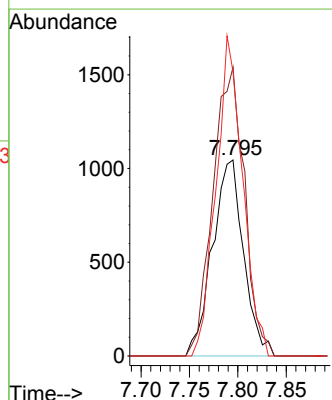
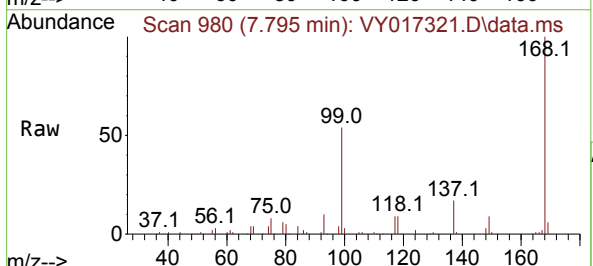
Tgt Ion: 56 Resp: 2341

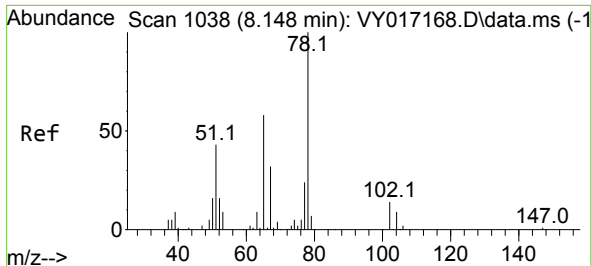
Ion Ratio Lower Upper

56 100

69 147.3 27.0 40.6#

84 144.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 61.115 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_Y

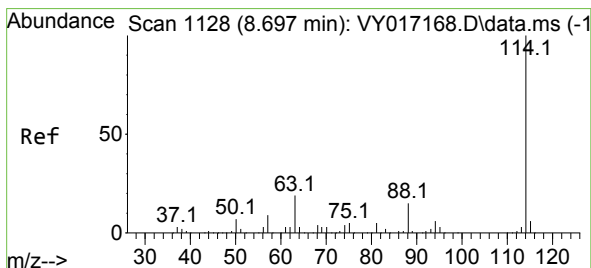
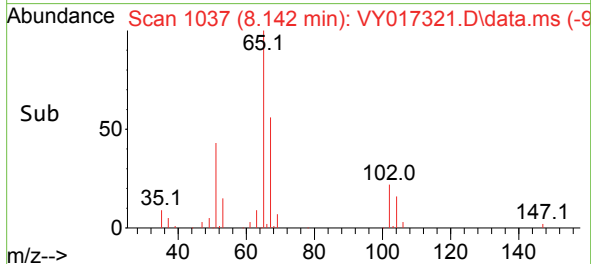
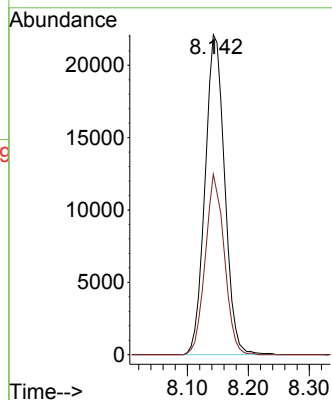
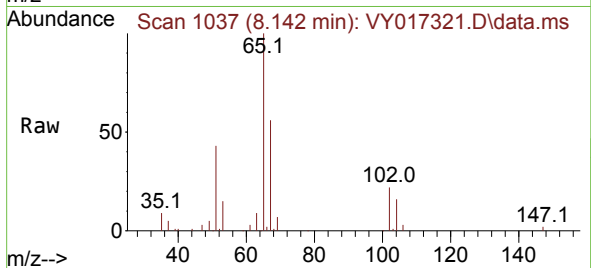
ClientSampleId :

Tgt Ion: 65 Resp: 49509

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

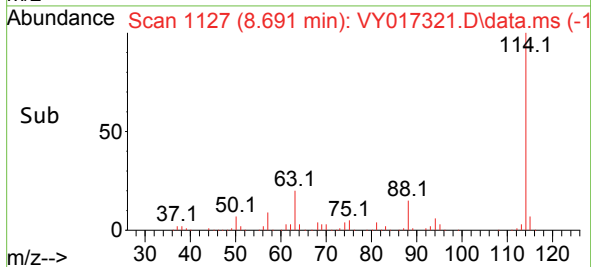
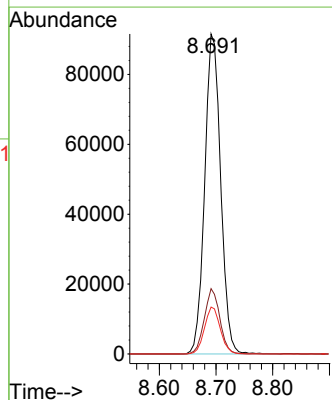
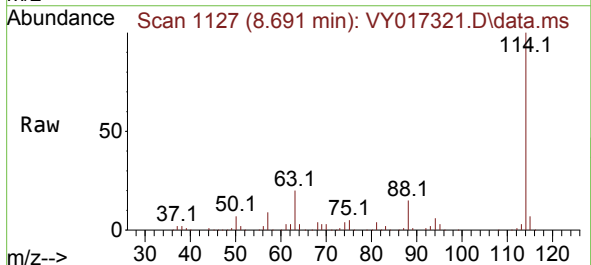
Tgt Ion:114 Resp: 178993

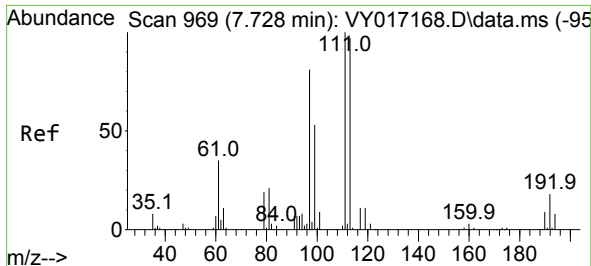
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.7 0.0 29.0

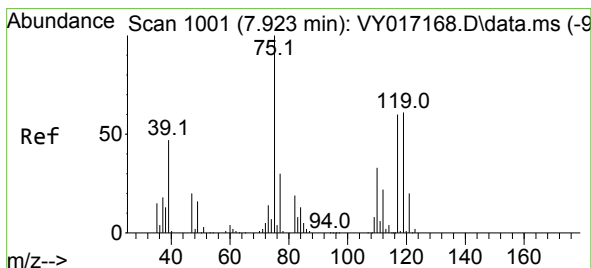
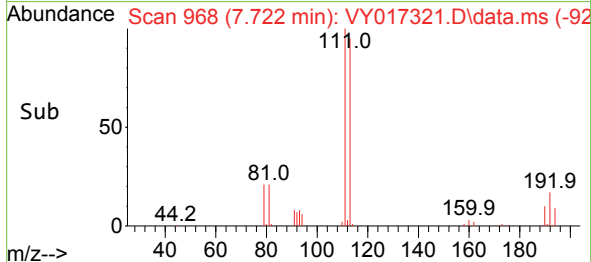
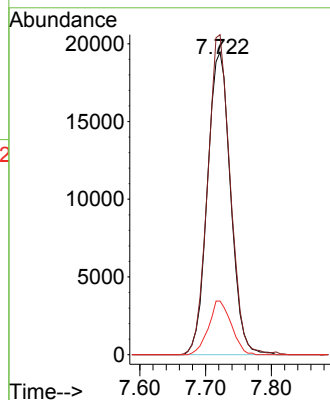
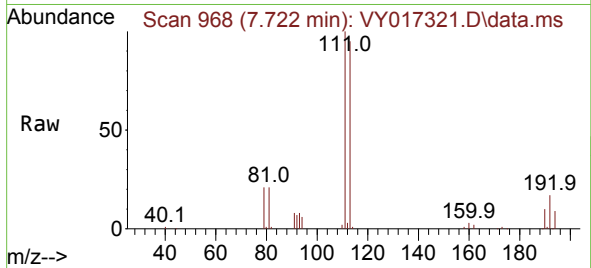




#35
Dibromofluoromethane
Concen: 49.237 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

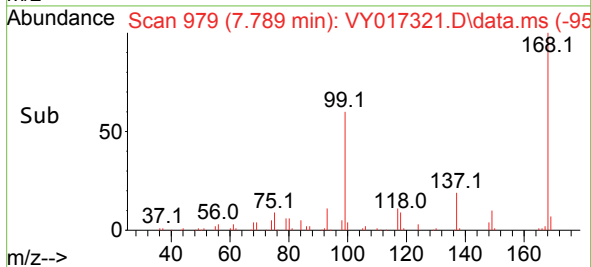
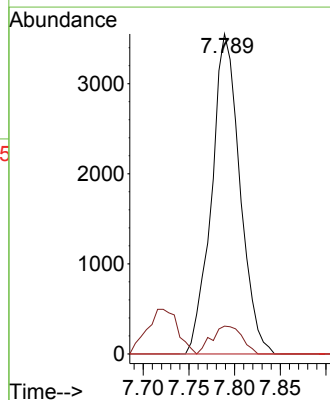
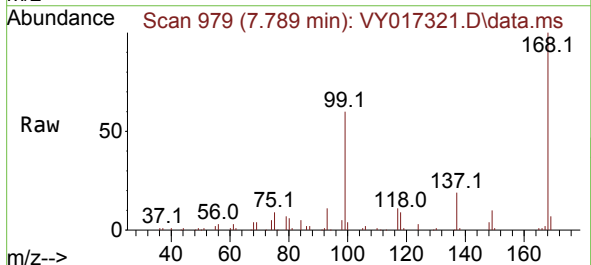
Instrument :
MSVOA_Y
ClientSampleId :

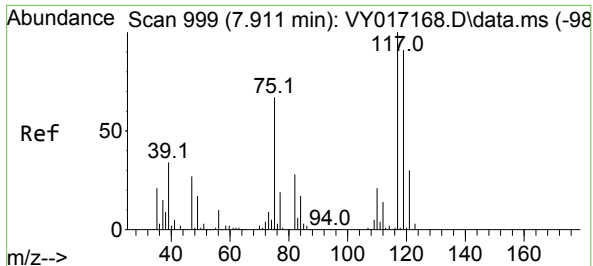
Tgt Ion:113 Resp: 47585
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

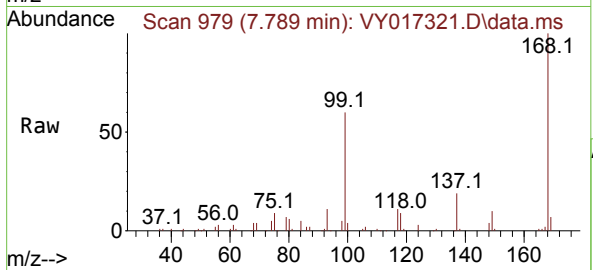
Tgt Ion: 75 Resp: 7667
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.3#
77 0.0 24.7 37.1#



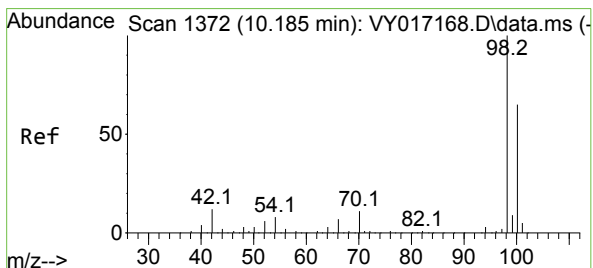
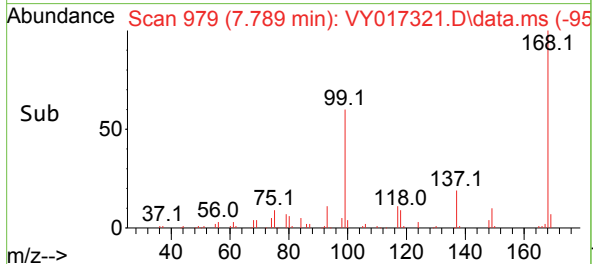
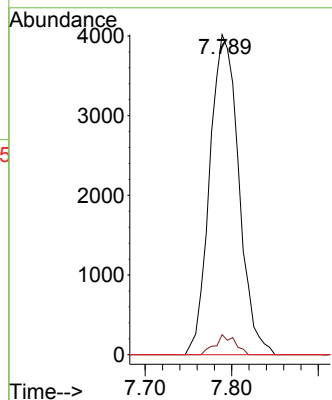


#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Instrument :
MSVOA_Y
ClientSampleId :

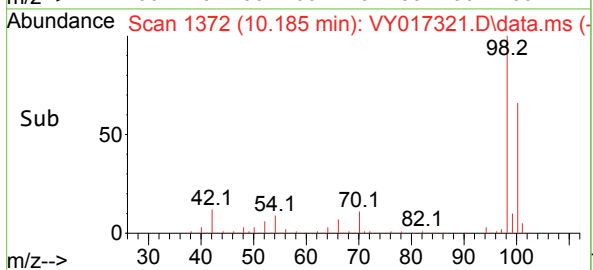
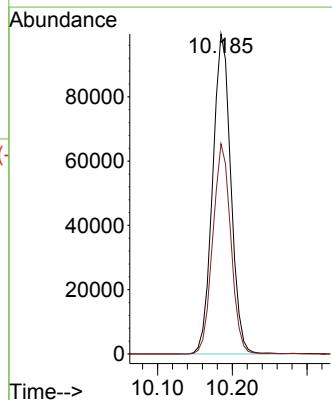
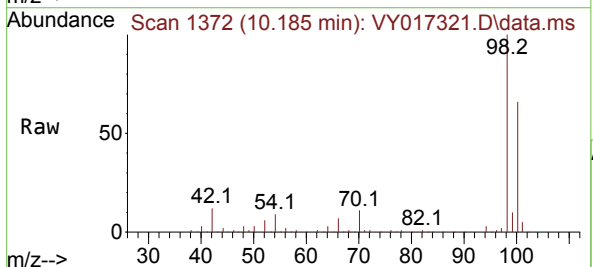


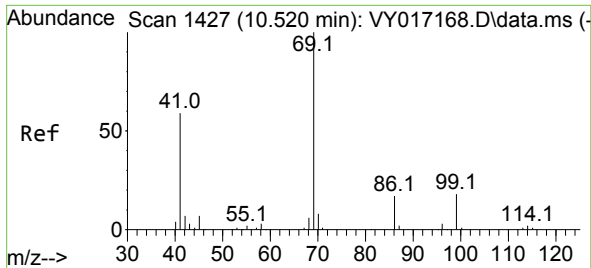
Tgt Ion:117 Resp: 9387
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.806 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

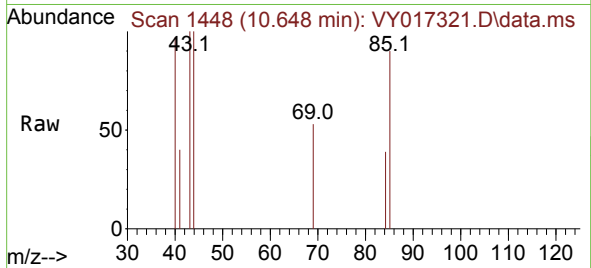
Tgt Ion: 98 Resp: 168219
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



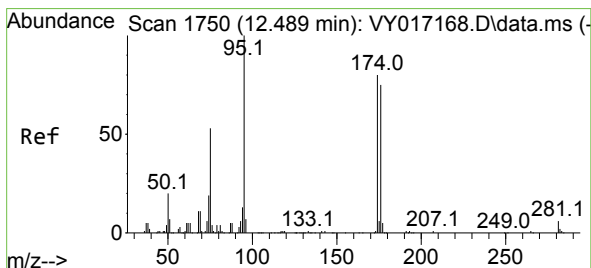
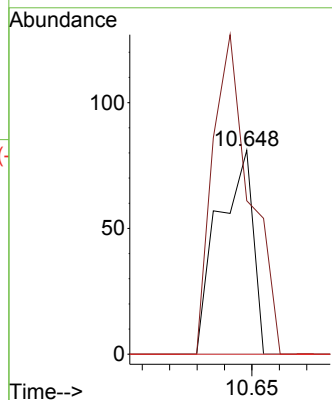
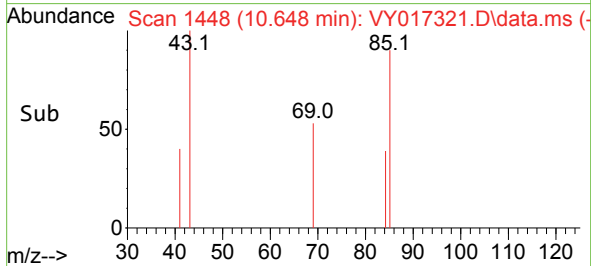


#56
Ethyl methacrylate
Concen: 3.062 ug/l
RT: 10.648 min Scan# 1427
Delta R.T. 0.128 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Instrument :
MSVOA_Y
ClientSampleId :

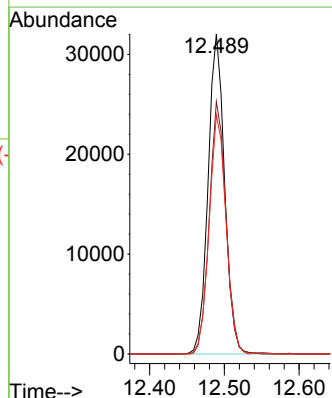
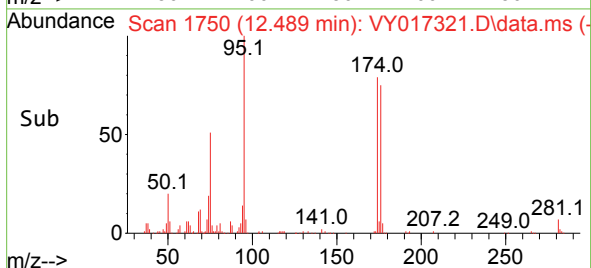
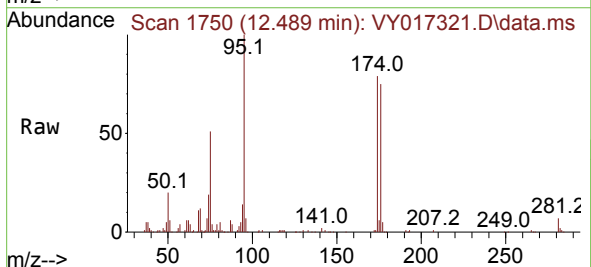


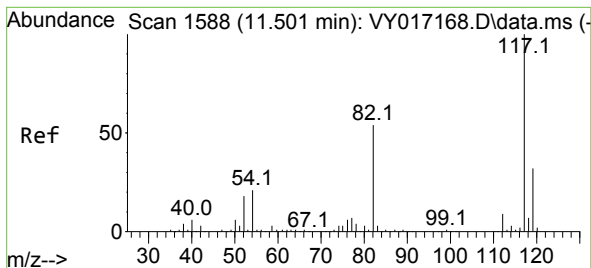
Tgt Ion: 69 Resp: 71
Ion Ratio Lower Upper
69 100
41 169.0 49.2 73.8#
39 0.0 26.8 40.2#



#62
4-Bromofluorobenzene
Concen: 42.686 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Tgt Ion: 95 Resp: 49203
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.0
176 76.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017321.D

Acq: 08 Feb 2024 18:34

Instrument :

MSVOA_Y

ClientSampleId :

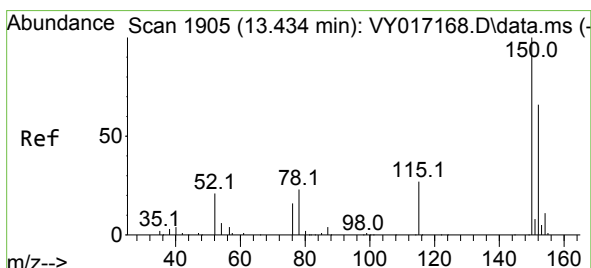
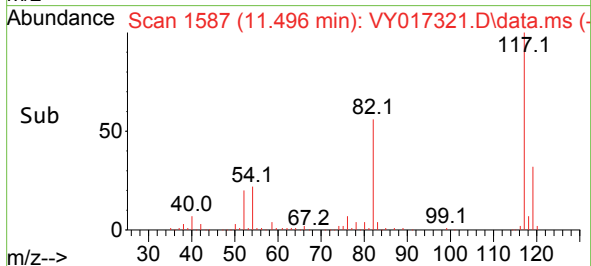
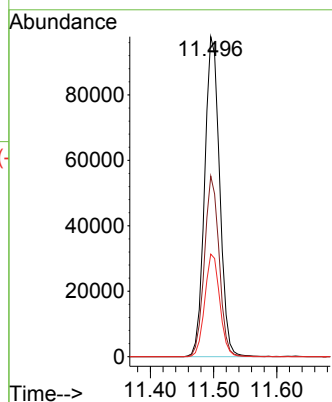
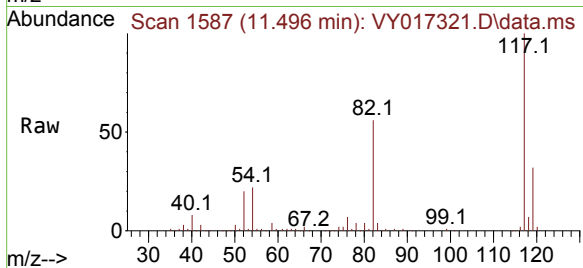
Tgt Ion:117 Resp: 161658

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 32.1 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: VY017321.D

Acq: 08 Feb 2024 18:34

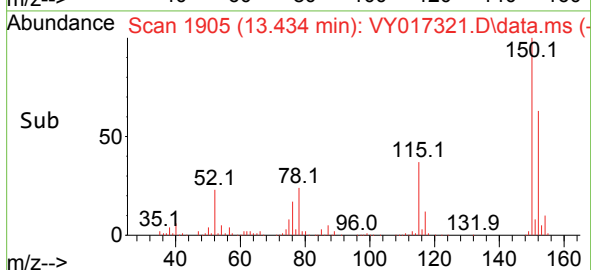
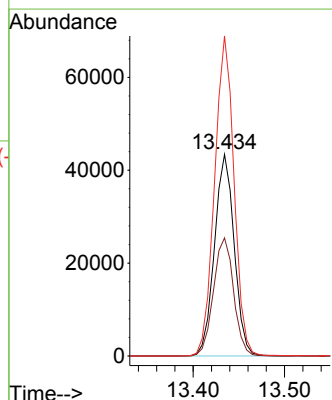
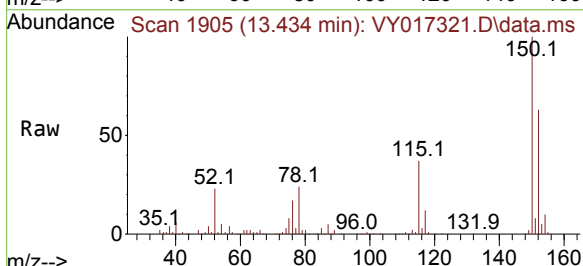
Tgt Ion:152 Resp: 65135

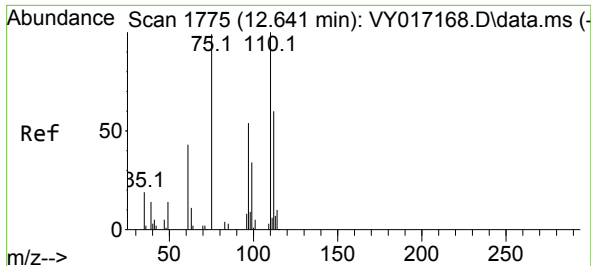
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 156.4 0.0 344.6

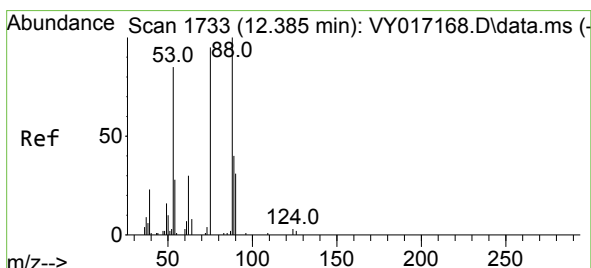
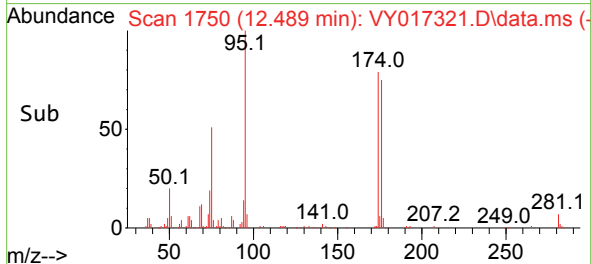
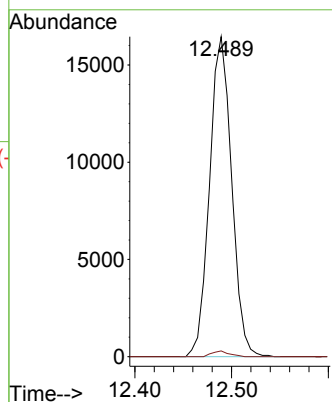
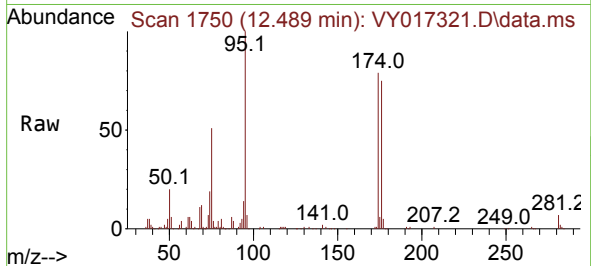




#76
1,2,3-Trichloropropane
Concen: 43.422 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

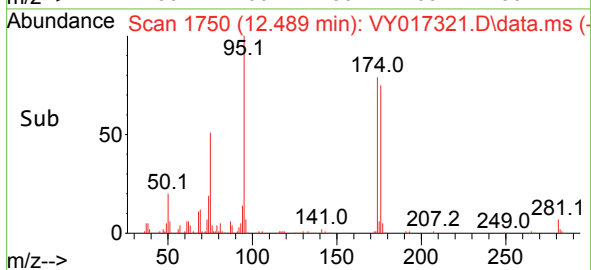
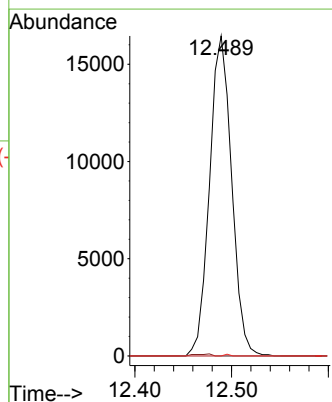
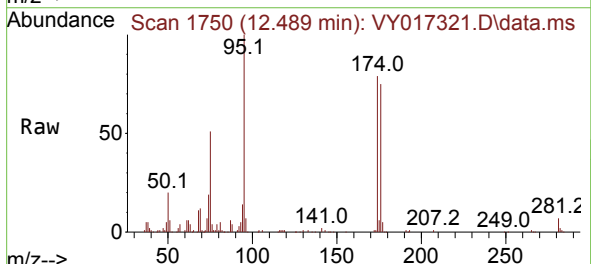
Instrument :
MSVOA_Y
ClientSampleId :

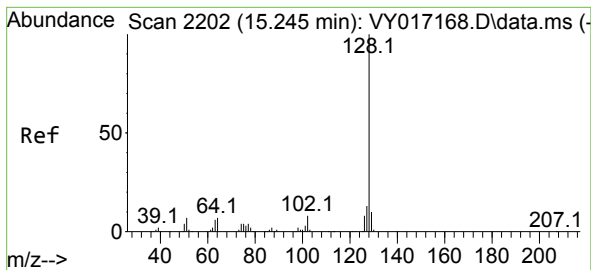
Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.226 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

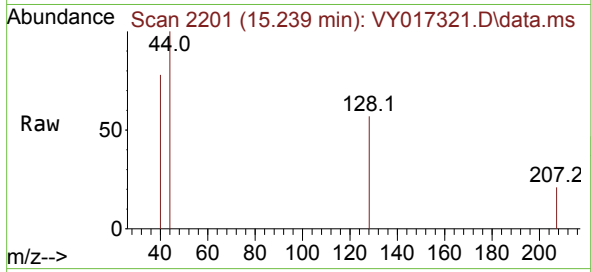
Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
53 0.4 74.0 111.0#
89 0.1 36.5 54.7#





#95
Naphthalene
Concen: 3.480 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017321.D
Acq: 08 Feb 2024 18:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 106
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

