

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017070.D
 Acq On : 22 Jan 2024 13:08
 Operator : SY/MD
 Sample : P1183-01
 Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:44:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

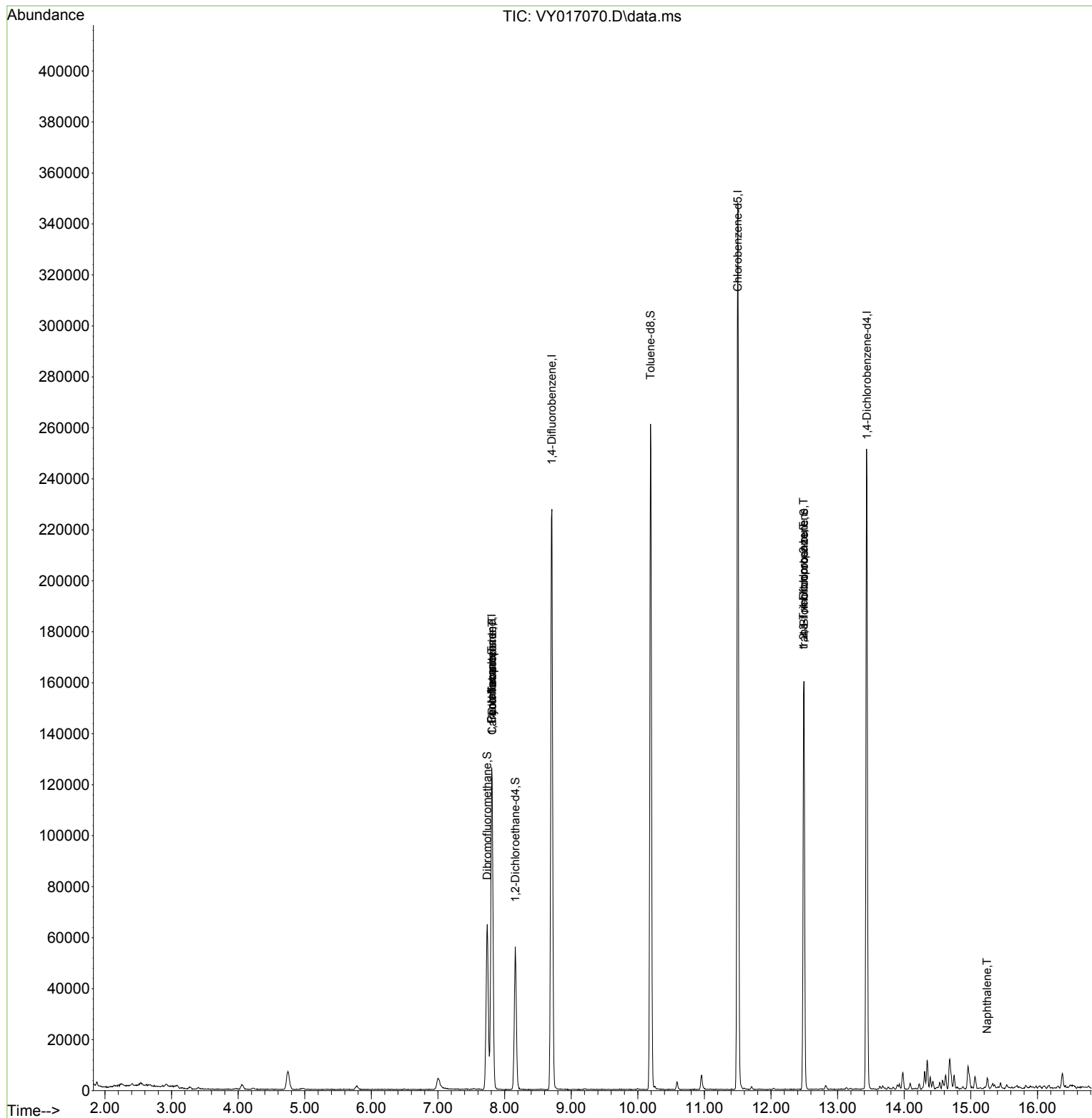
Internal Standards						
1) Pentafluorobenzene	7.807	168	97200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	199993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	184560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	63216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	41500	43.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.400%
35) Dibromofluoromethane	7.740	113	46337	36.359	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.720%
50) Toluene-d8	10.191	98	172039	39.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.400%
62) 4-Bromofluorobenzene	12.495	95	51000	34.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	31	Below Cal	#	40
11) Tert butyl alcohol	4.978	59	630	Below Cal	#	75
16) Acetone	3.979	43	660	Below Cal	#	77
20) Methylene Chloride	4.747	84	5565	Below Cal		88
25) 2-Butanone	6.996	43	377	Below Cal	#	48
31) Cyclohexane	7.807	56	2162	1.311	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	8348	4.495	ug/l #	48
38) Carbon Tetrachloride	7.813	117	9435	5.000	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	26329	38.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	26329	87.151	ug/l #	12
95) Naphthalene	15.245	128	3521	2.759	ug/l	96

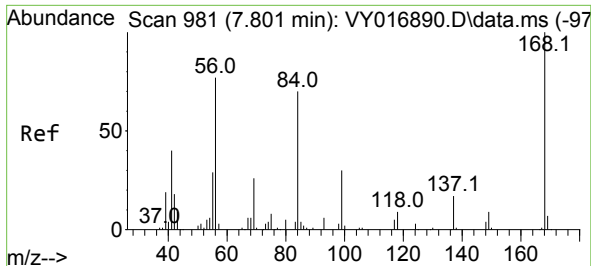
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
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Quant Title : SW846 8260
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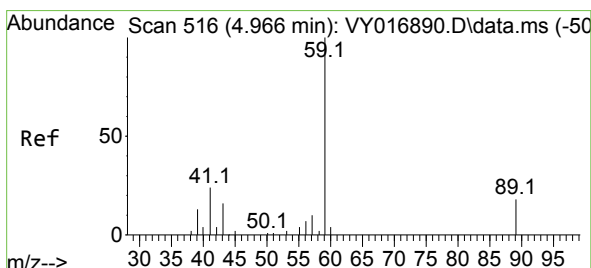
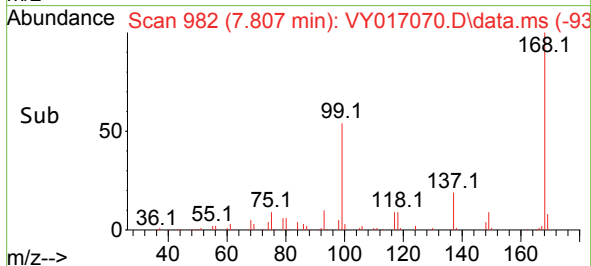
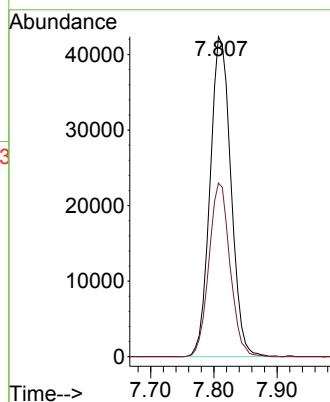
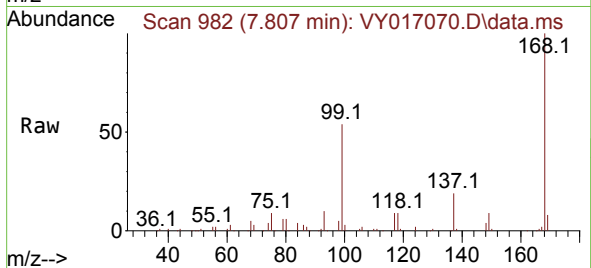




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

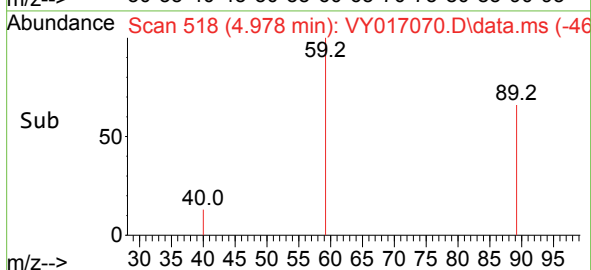
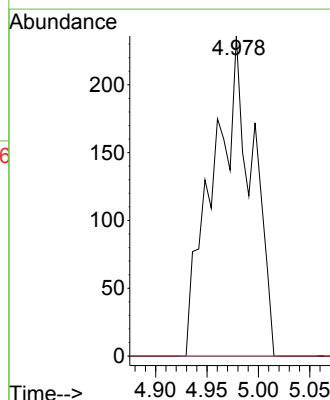
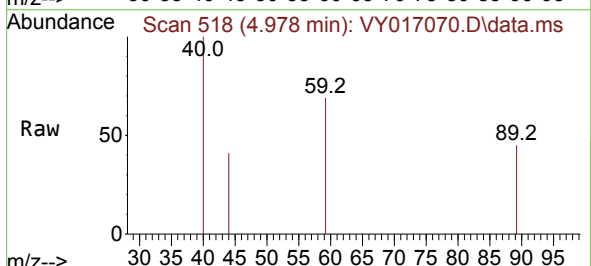
Instrument :
MSVOA_Y
ClientSampleId :

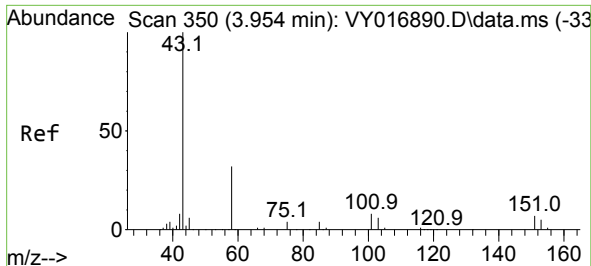
Tgt Ion:168 Resp: 97200
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

Tgt Ion: 59 Resp: 630
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.979 min Scan# 31

Delta R.T. 0.019 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

Instrument :

MSVOA_Y

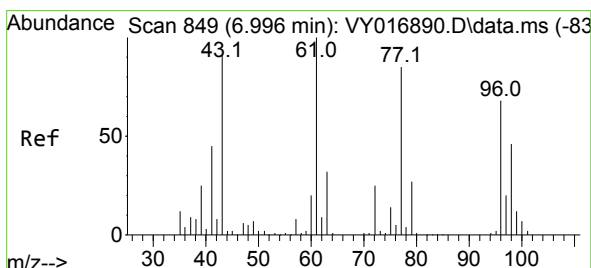
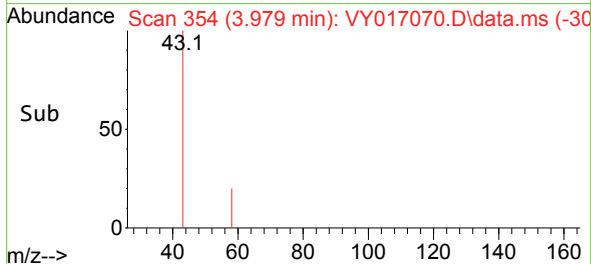
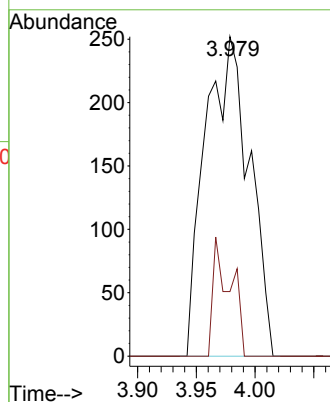
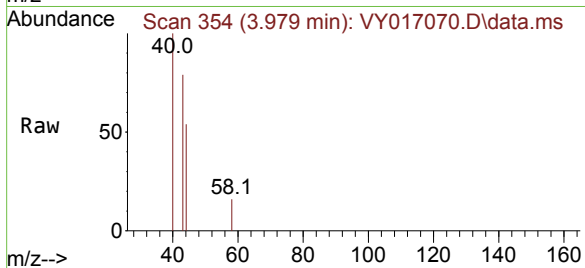
ClientSampleId :

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

58 20.2 26.6 39.8#



#25

2-Butanone

Concen: Below Cal

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017070.D

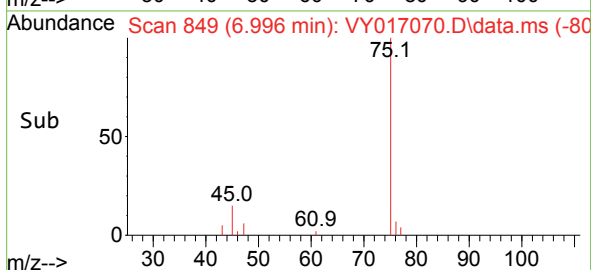
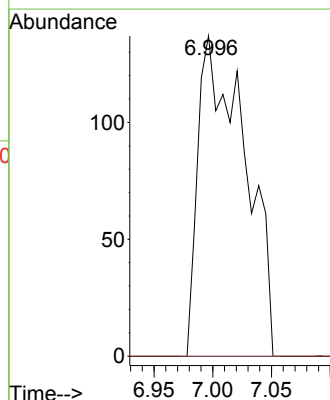
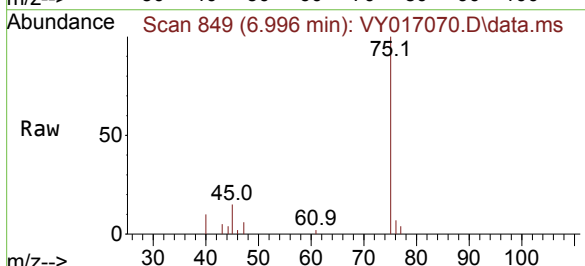
Acq: 22 Jan 2024 13:08

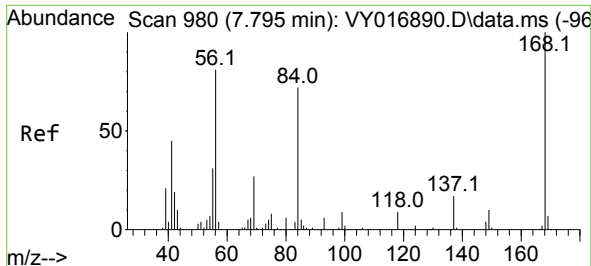
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

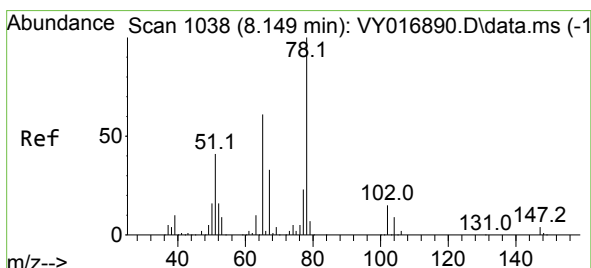
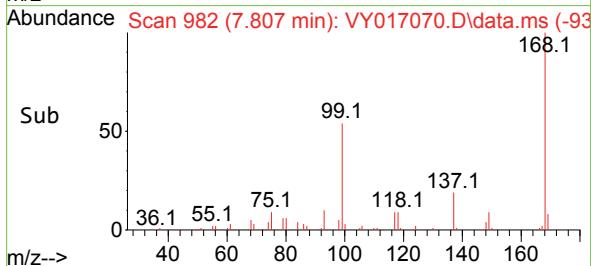
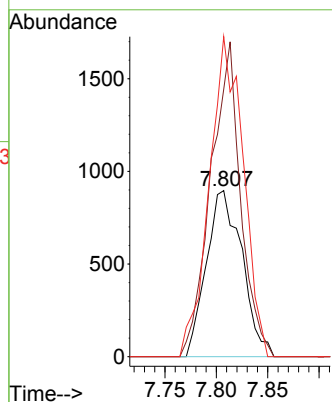
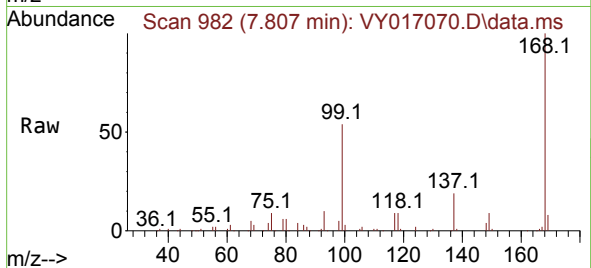




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

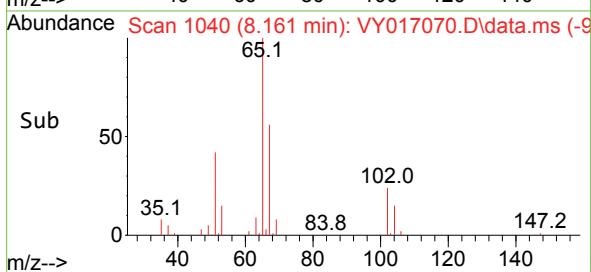
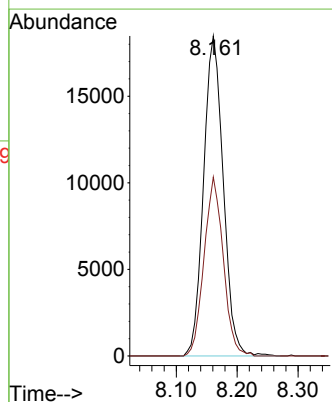
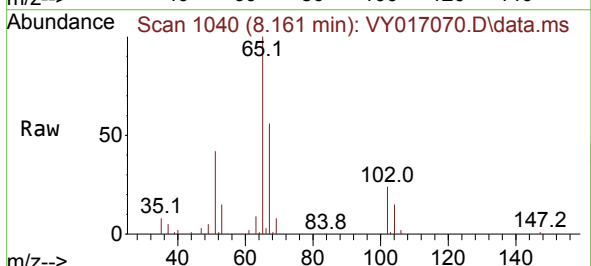
Instrument :
MSVOA_Y
ClientSampleId :

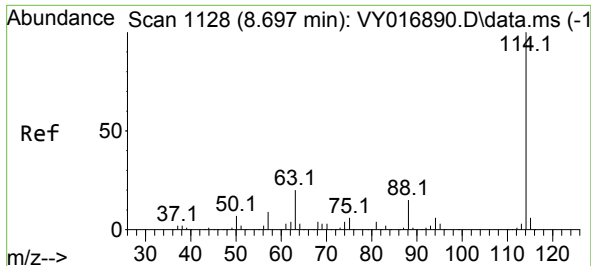
Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 161.0 27.0 40.6#
84 192.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 43.198 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

Tgt Ion: 65 Resp: 41500
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

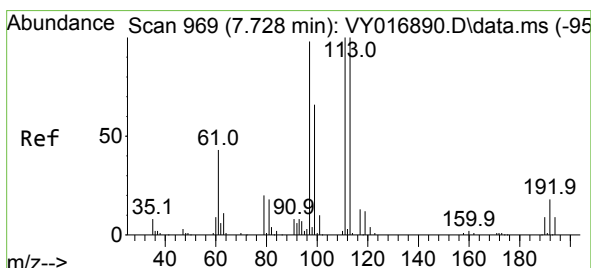
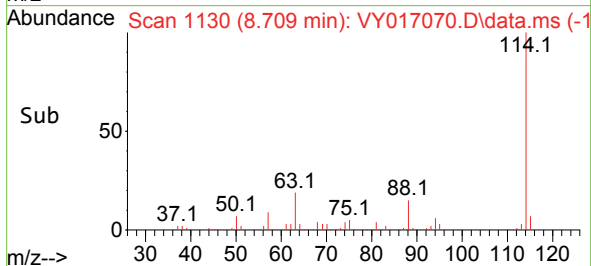
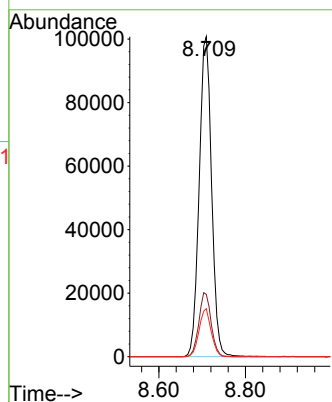
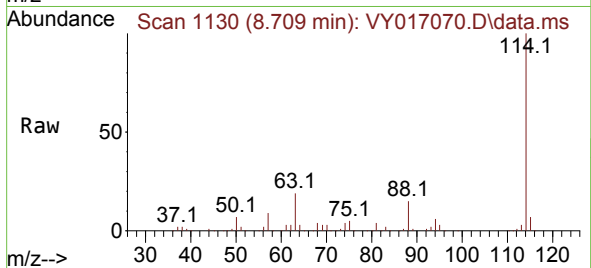
Tgt Ion:114 Resp: 199993

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.359 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

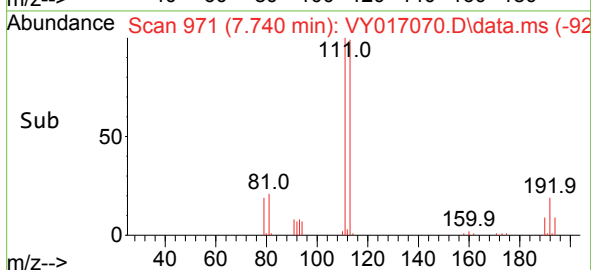
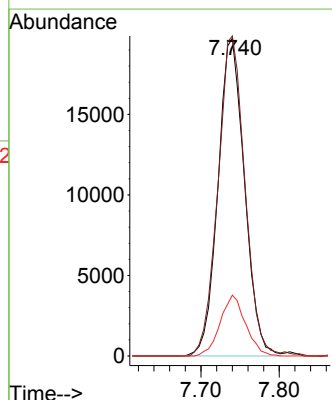
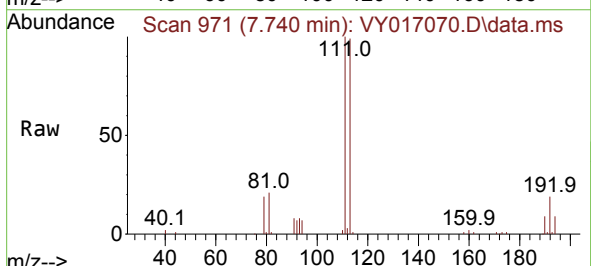
Tgt Ion:113 Resp: 46337

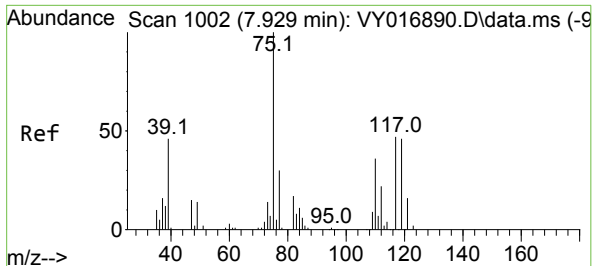
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.4 14.5 21.7

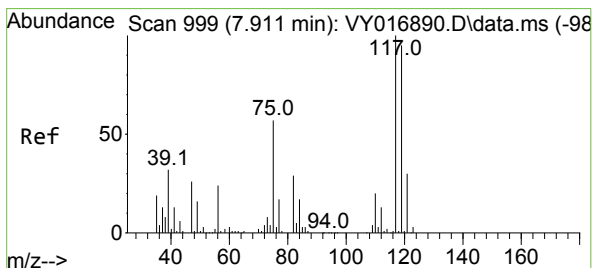
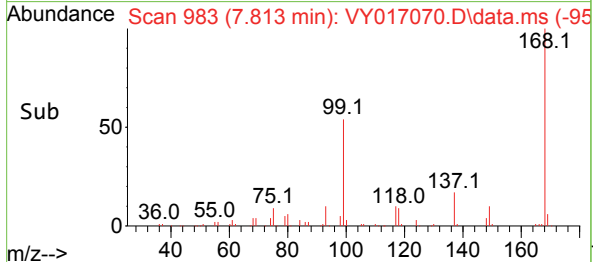
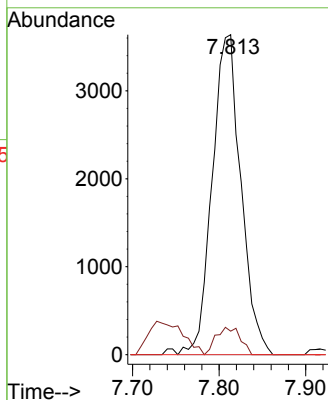
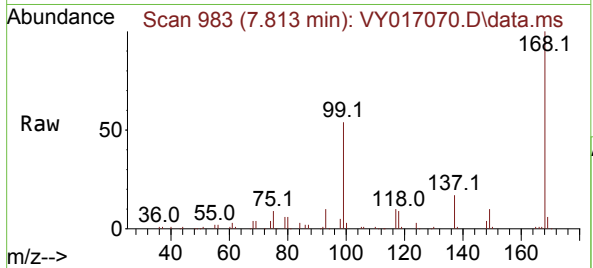




#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

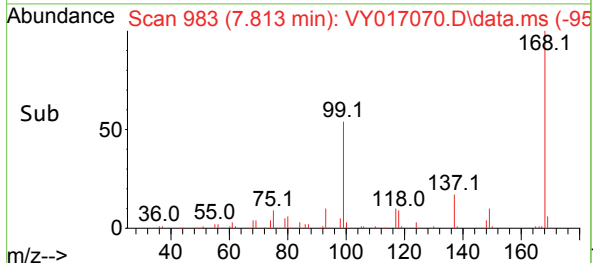
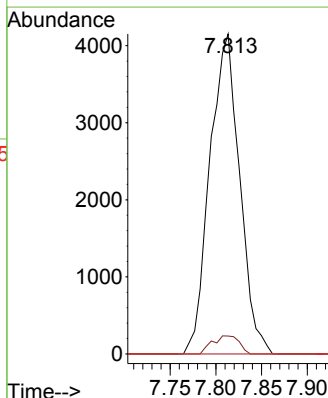
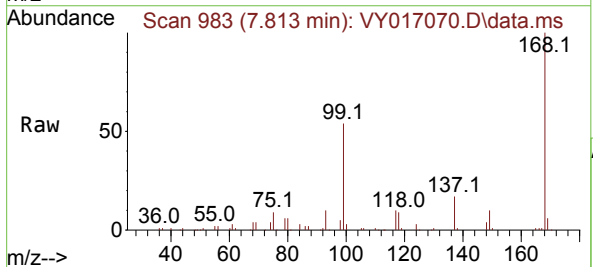
Instrument :
MSVOA_Y
ClientSampleId :

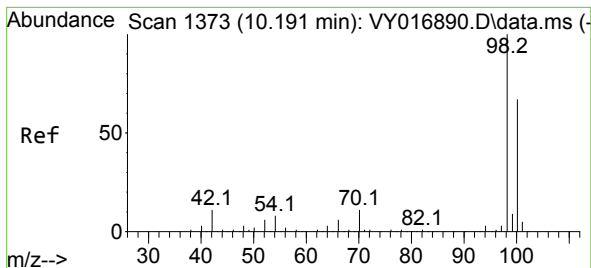
Tgt Ion: 75 Resp: 8348
Ion Ratio Lower Upper
75 100
110 7.2 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

Tgt Ion: 117 Resp: 9435
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 39.202 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

Instrument :

MSVOA_Y

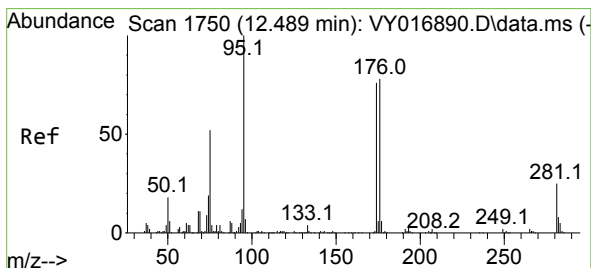
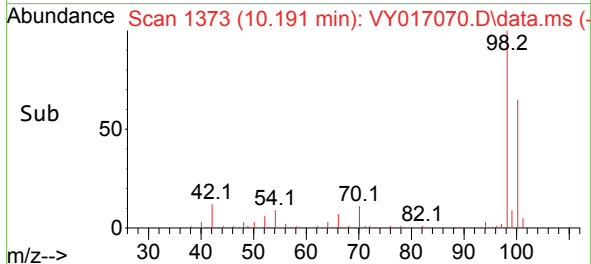
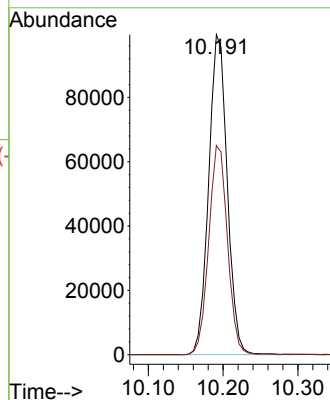
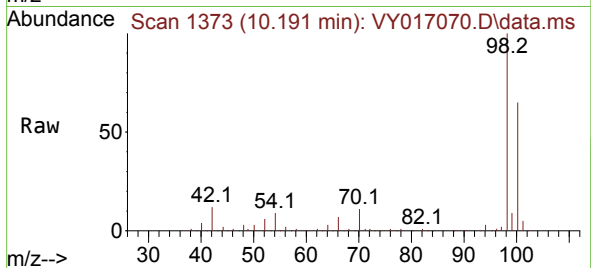
ClientSampleId :

Tgt Ion: 98 Resp: 172039

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 34.445 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

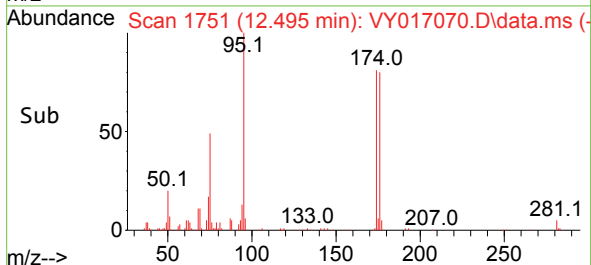
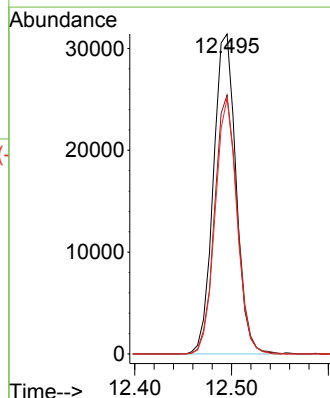
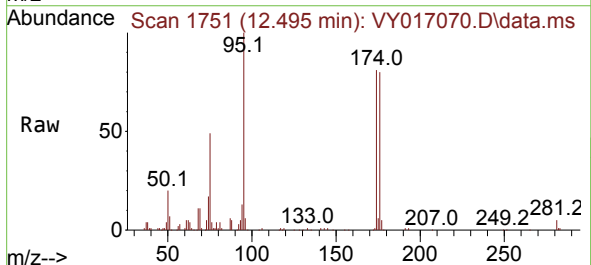
Tgt Ion: 95 Resp: 51000

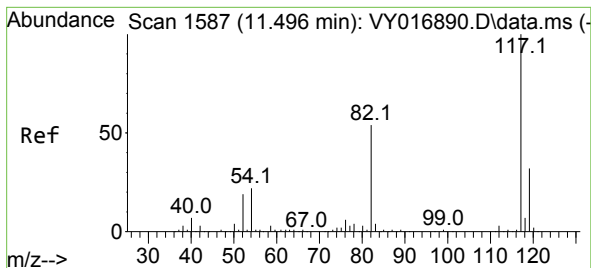
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

176 77.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

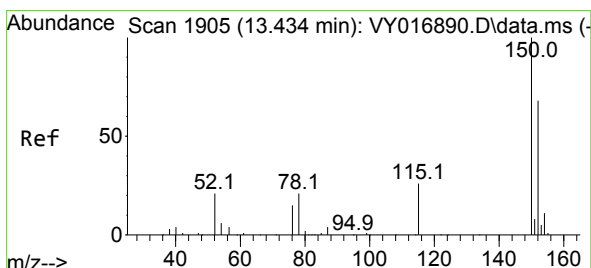
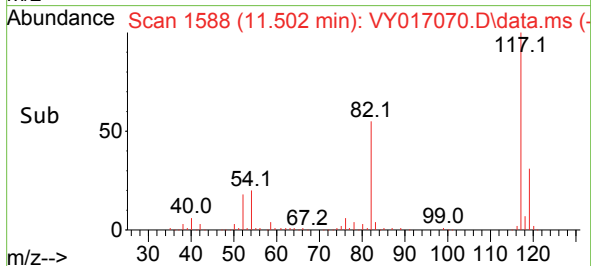
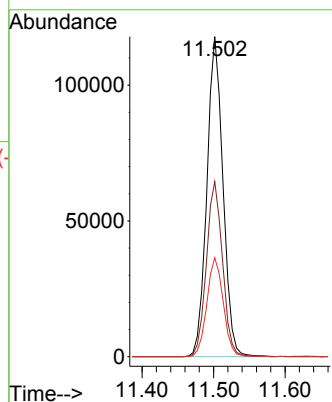
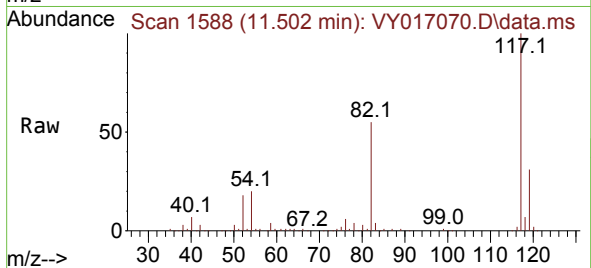
Tgt Ion:117 Resp: 184560

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 30.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

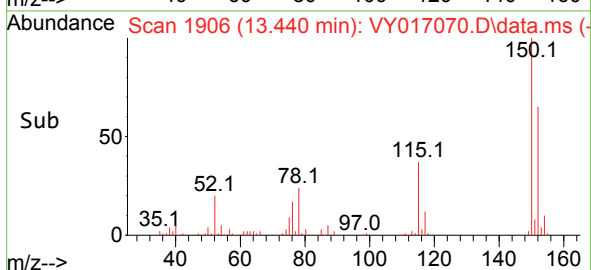
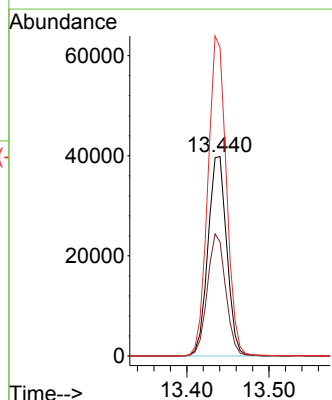
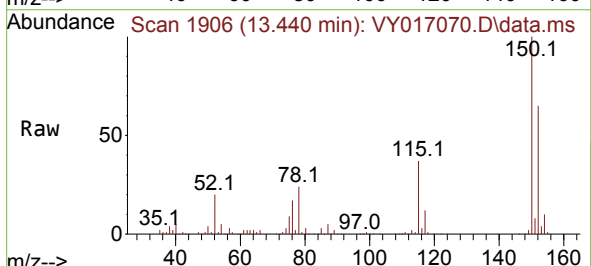
Tgt Ion:152 Resp: 63216

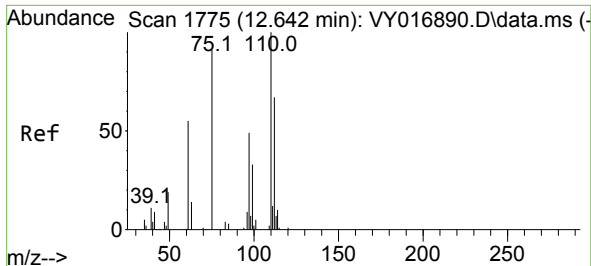
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 158.1 0.0 344.6

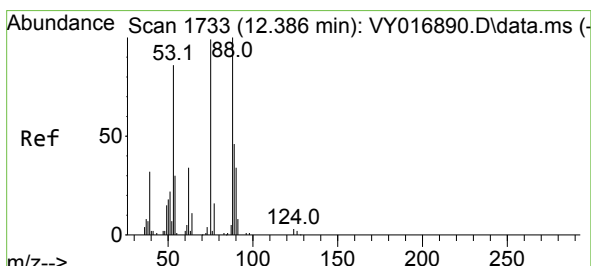
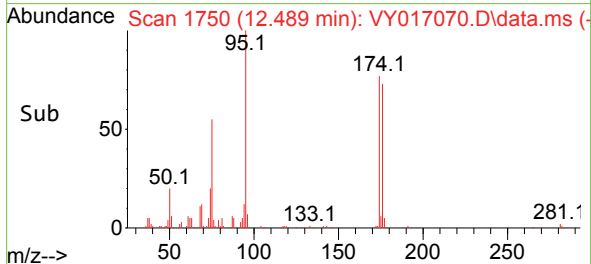
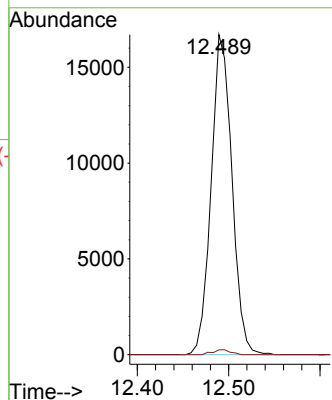
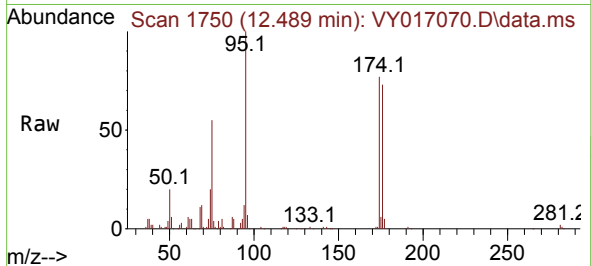




#76
1,2,3-Trichloropropane
Concen: 38.380 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

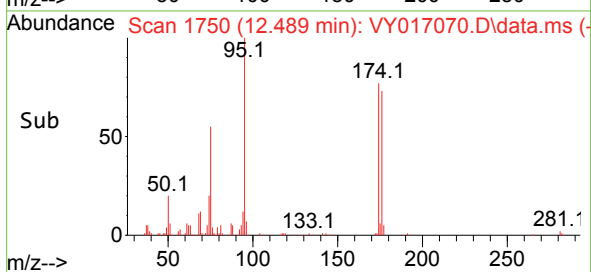
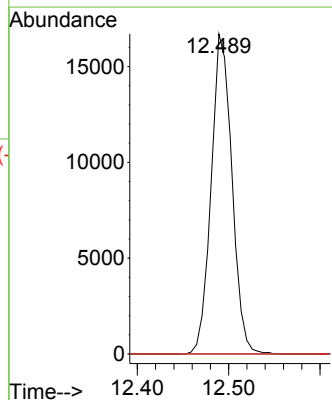
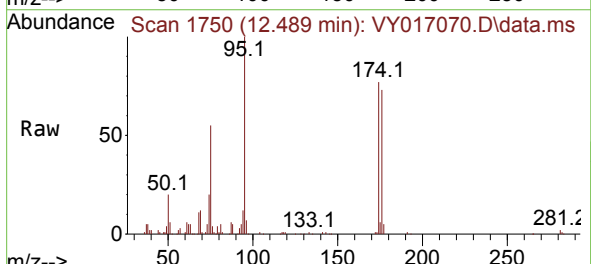
Instrument :
MSVOA_Y
ClientSampleId :

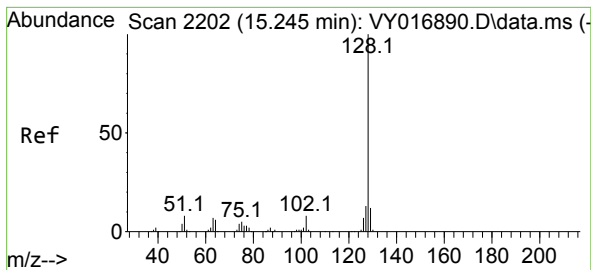
Tgt Ion: 75 Resp: 26329
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.151 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017070.D
Acq: 22 Jan 2024 13:08

Tgt Ion: 75 Resp: 26329
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 2.759 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

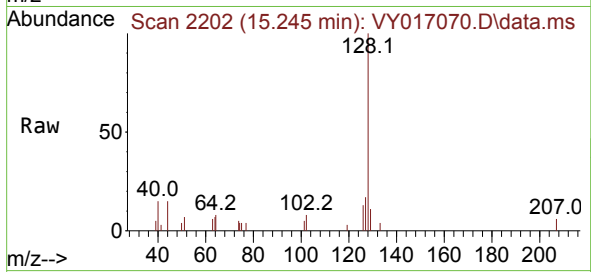
Lab File: VY017070.D

Acq: 22 Jan 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 3521

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.4

129 12.1 8.6 12.8

