

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019420.D
 Acq On : 03 Sep 2024 11:08
 Operator : SY/MD
 Sample : VY0903SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:31:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

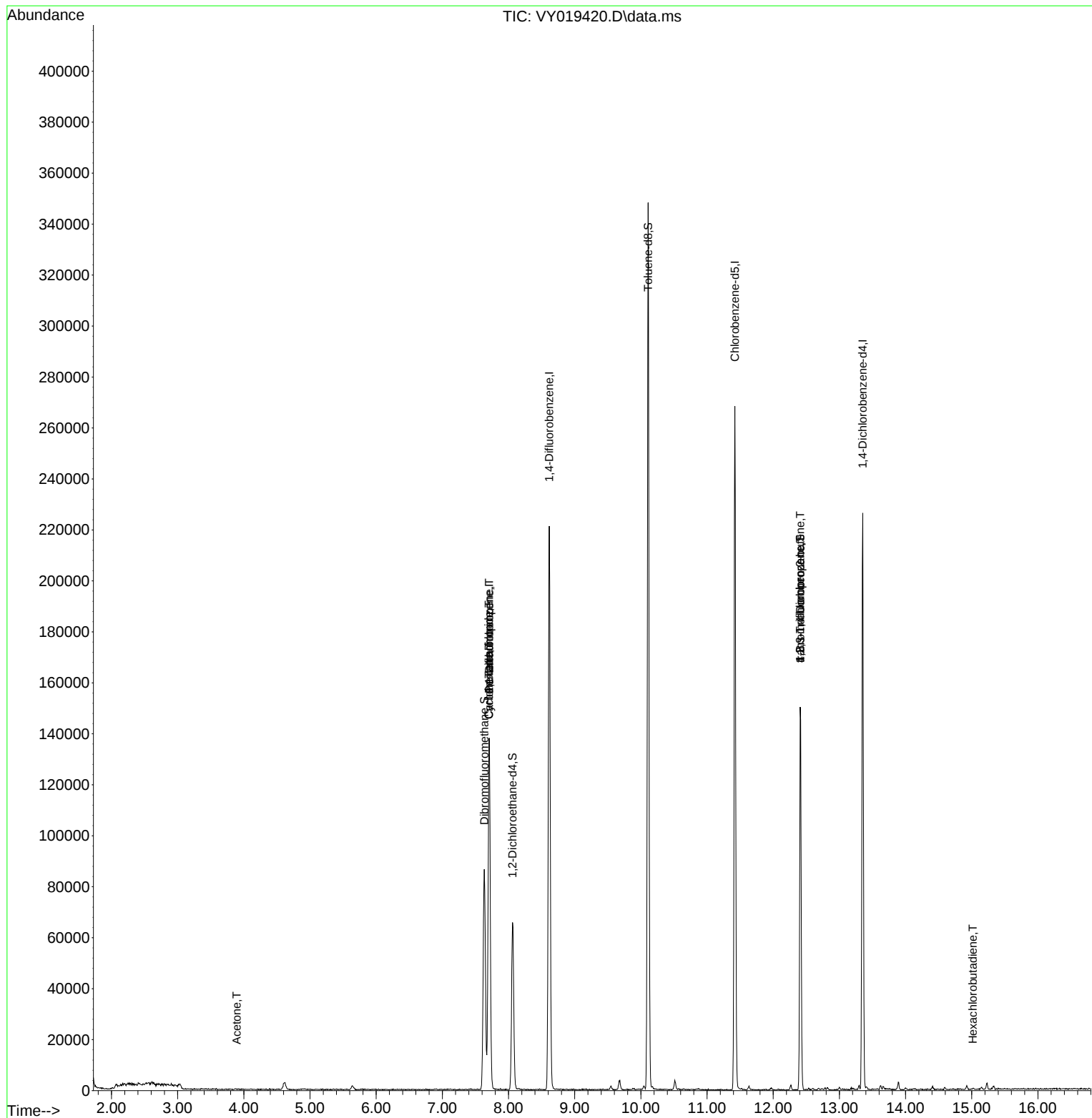
Internal Standards						
1) Pentafluorobenzene	7.707	168	109343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	194752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	144149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	56774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	54530	52.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.300%
35) Dibromofluoromethane	7.634	113	60946	49.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.109	98	220108	48.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.408	95	43447	29.636	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	59.280%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	534	Below Cal	#	71
16) Acetone	3.891	43	501	2.459	ug/l #	36
20) Methylene Chloride	4.610	84	2063	Below Cal	#	81
31) Cyclohexane	7.701	56	2237	1.270	ug/l #	30
36) 1,1-Dichloropropene	7.707	75	8162	4.691	ug/l #	50
38) Carbon Tetrachloride	7.701	117	10526	4.963	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	23573	47.279	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23573	116.973	ug/l #	16
94) Hexachlorobutadiene	15.017	225	53	3.594	ug/l #	19

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

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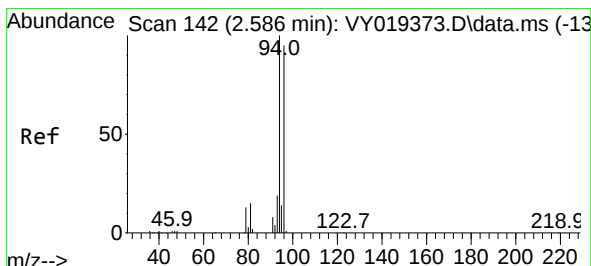
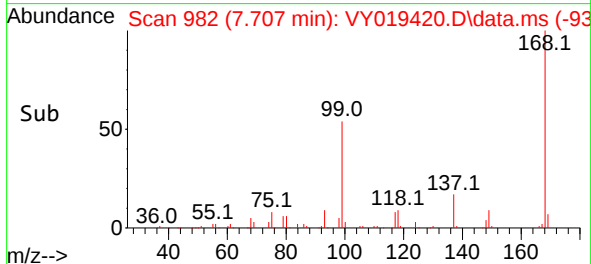
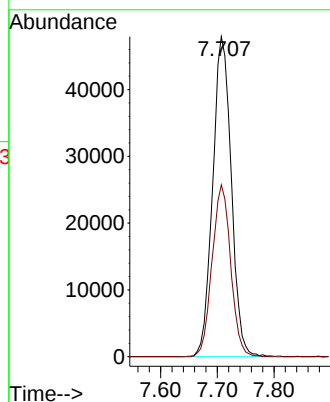
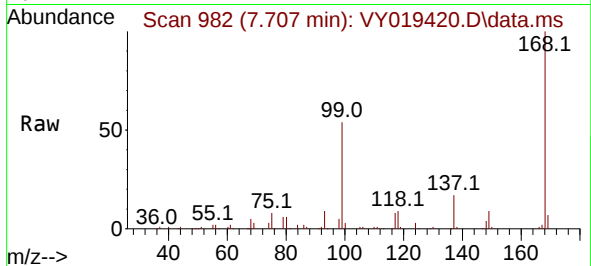




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

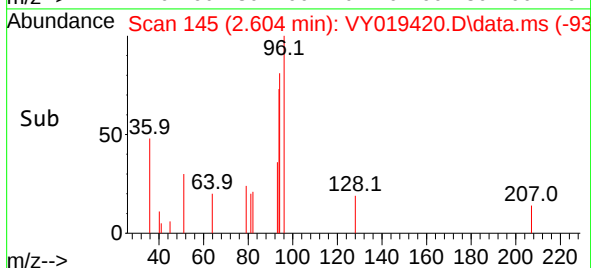
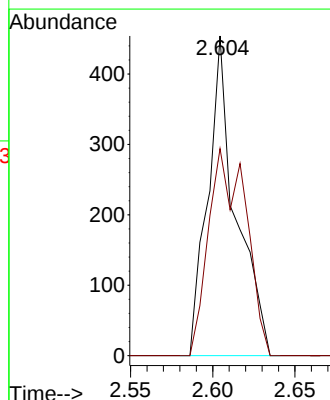
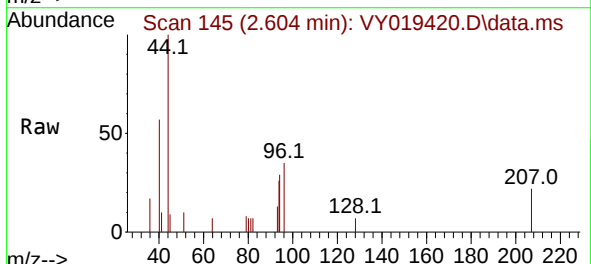
Instrument :
MSVOA_Y
ClientSampleId :

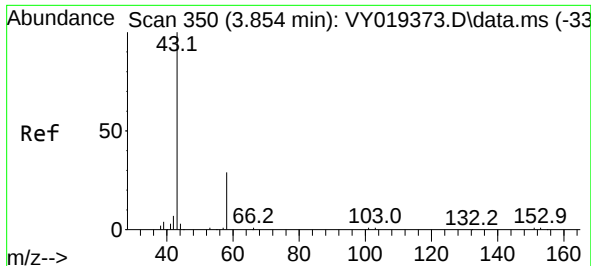
Tgt Ion:168 Resp: 109343
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 64.8 74.1 111.1#

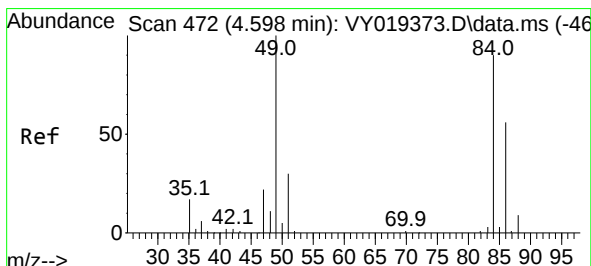
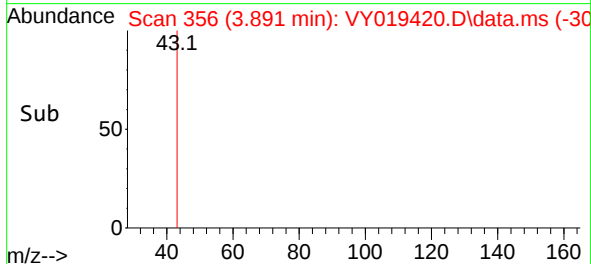
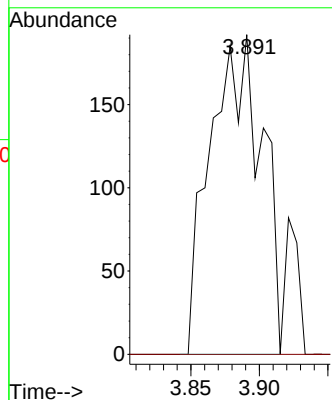
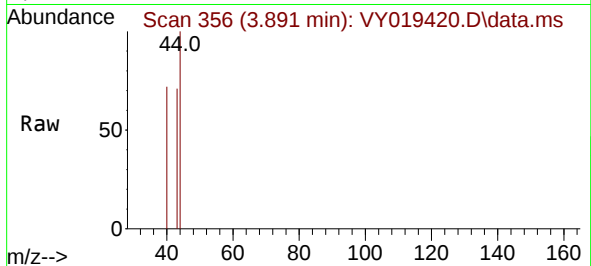




#16
Acetone
Concen: 2.459 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.036 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

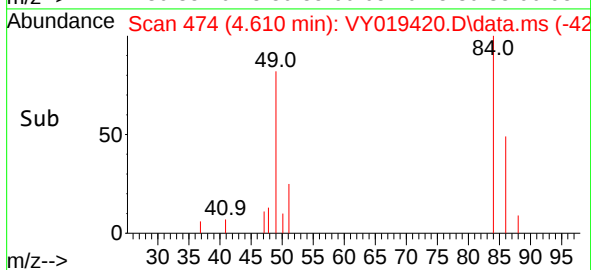
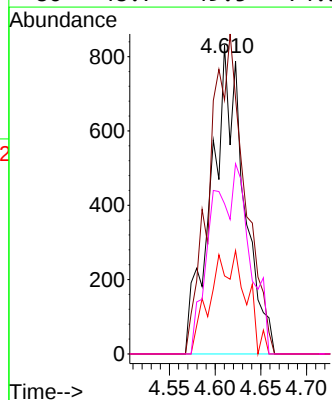
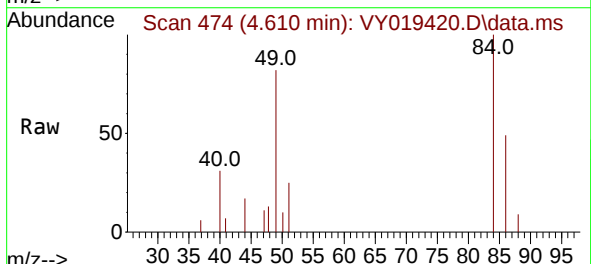
Instrument :
MSVOA_Y
ClientSampleId :

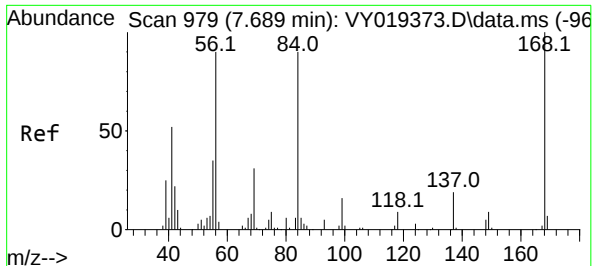
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion: 84 Resp: 2063
Ion Ratio Lower Upper
84 100
49 82.3 84.4 126.6#
51 25.3 26.0 39.0#
86 48.7 49.5 74.3#

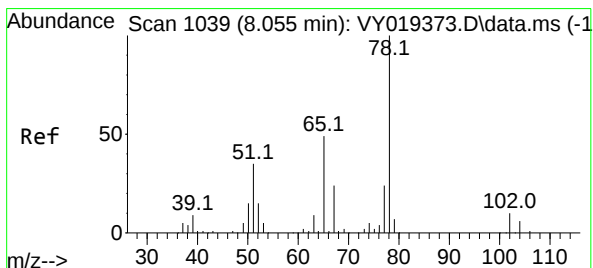
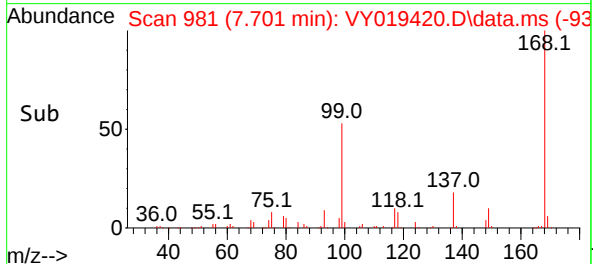
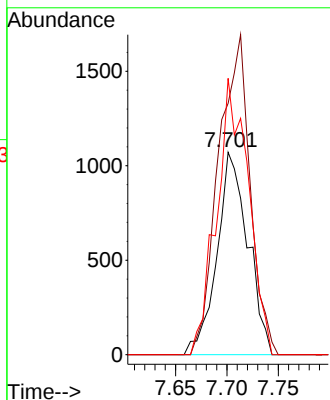
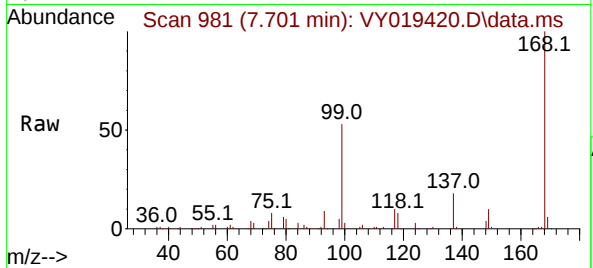




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

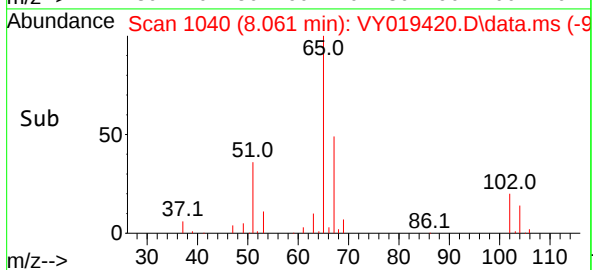
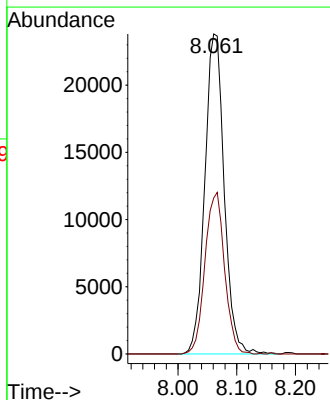
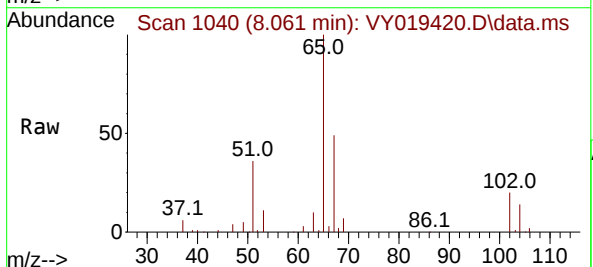
Instrument :
MSVOA_Y
ClientSampleId :

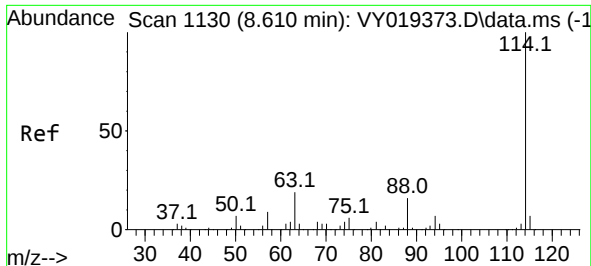
Tgt Ion: 56 Resp: 2237
Ion Ratio Lower Upper
56 100
69 124.3 28.7 43.1#
84 136.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.652 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion: 65 Resp: 54530
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

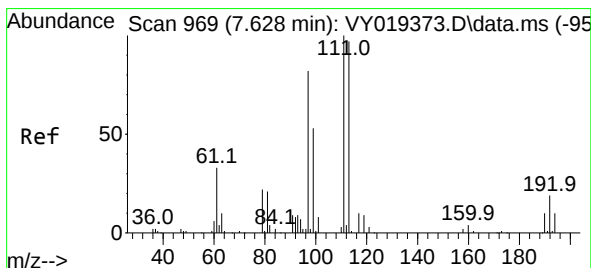
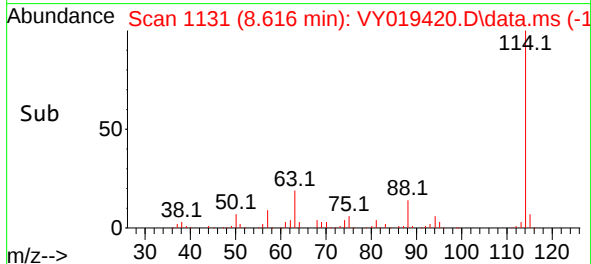
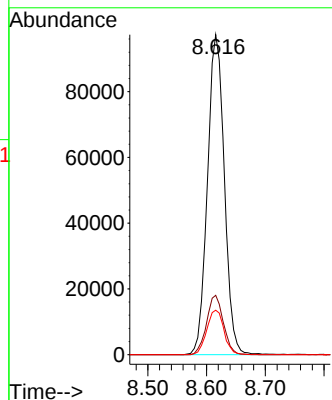
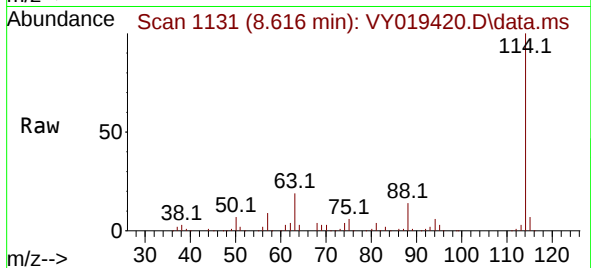
Tgt Ion:114 Resp: 194752

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.498 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

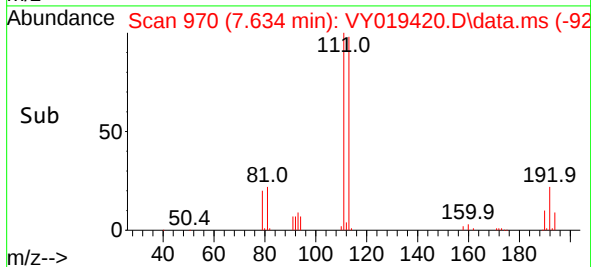
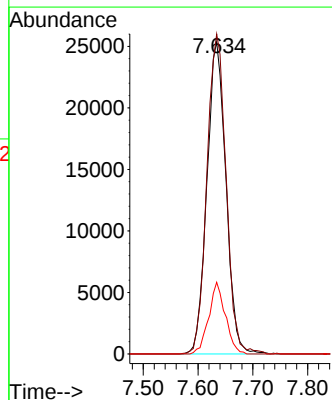
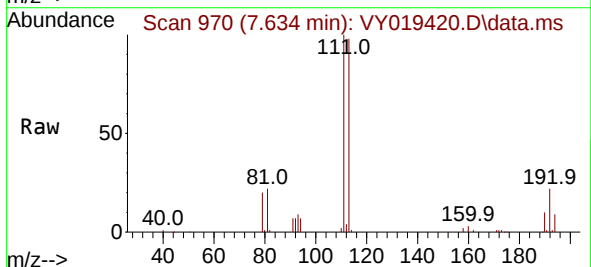
Tgt Ion:113 Resp: 60946

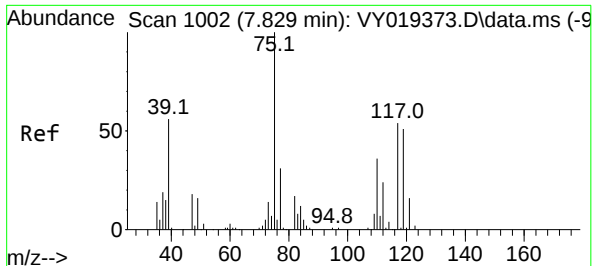
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.691 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.122 min

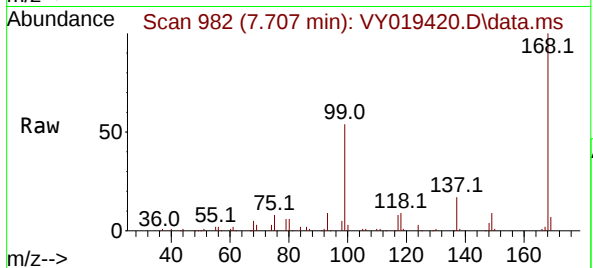
Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

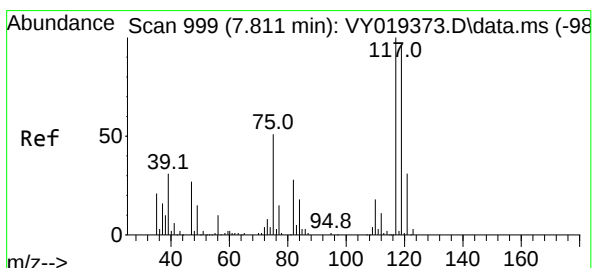
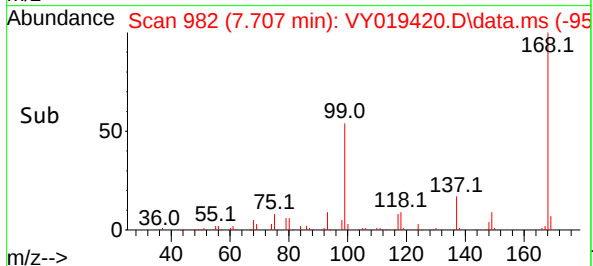
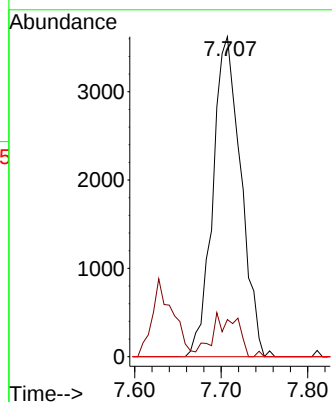
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 8162
Ion Ratio	Lower Upper
75	100
110	11.8 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.963 ug/l

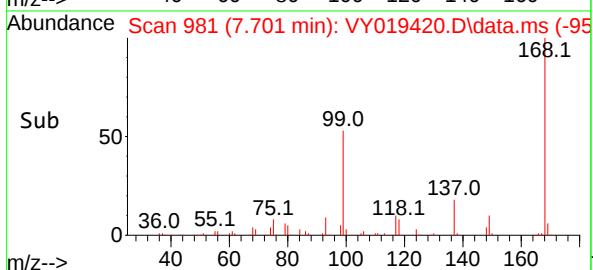
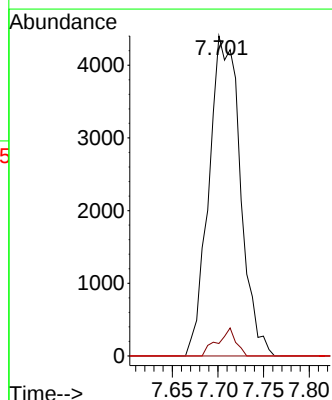
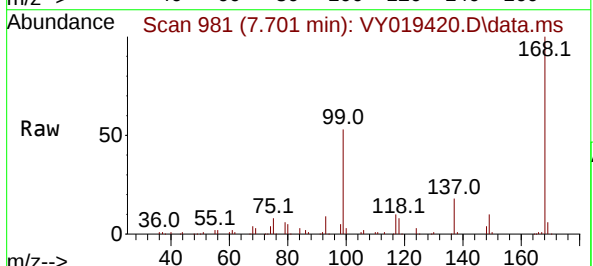
RT: 7.701 min Scan# 981

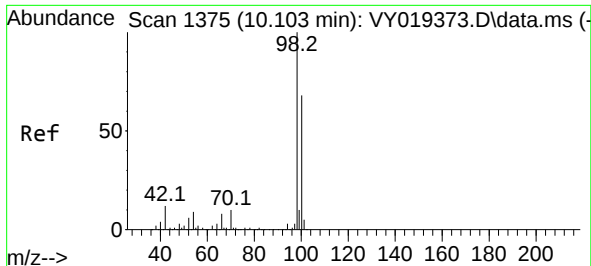
Delta R.T. -0.110 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

Tgt Ion: 117	Resp: 10526
Ion Ratio	Lower Upper
117	100
119	3.9 75.8 113.6#
121	0.0 24.0 36.0#

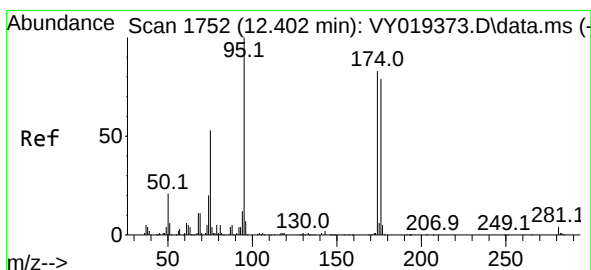
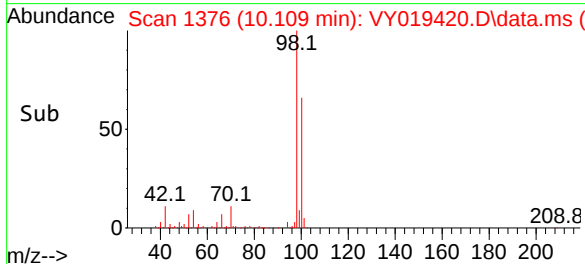
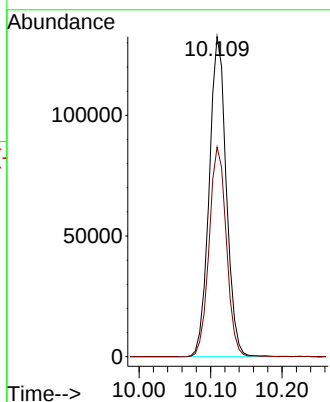
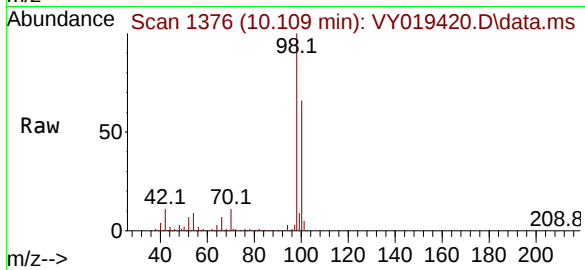




#50
Toluene-d8
Concen: 48.561 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

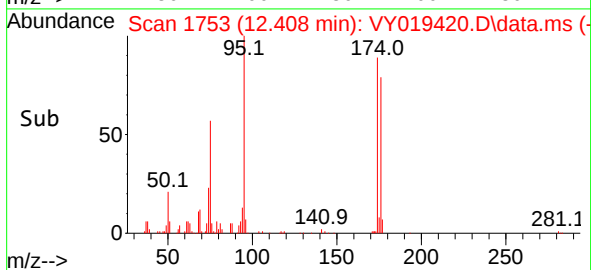
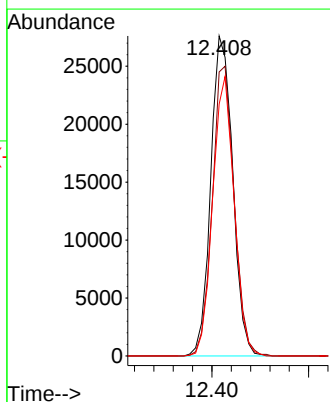
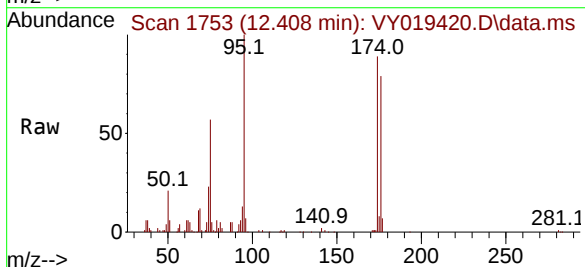
Instrument :
MSVOA_Y
ClientSampleId :

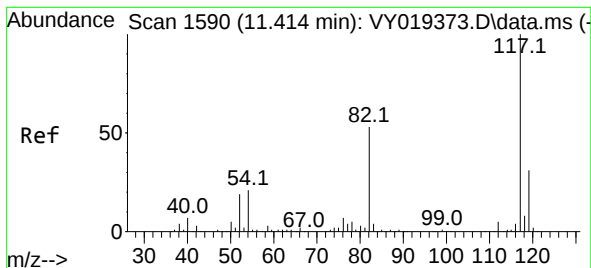
Tgt Ion: 98 Resp: 220108
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.636 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion: 95 Resp: 43447
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

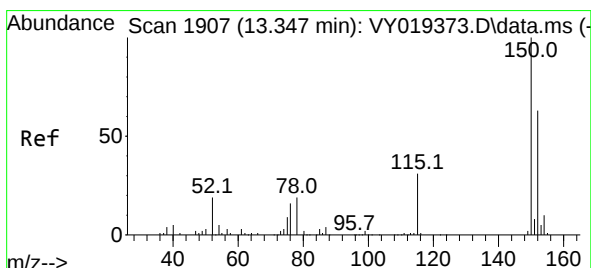
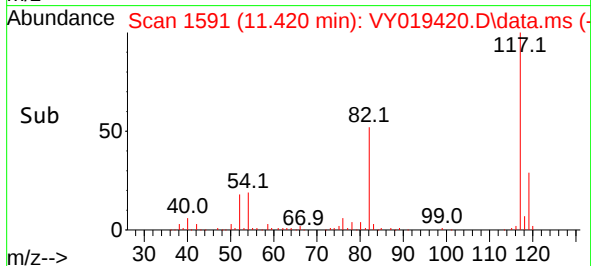
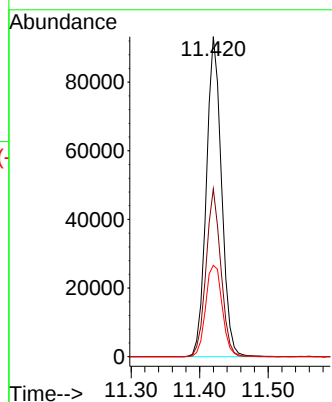
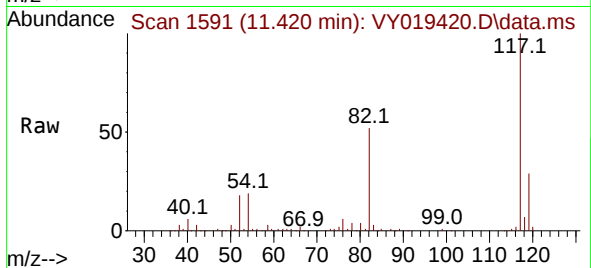
Tgt Ion:117 Resp: 144149

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 28.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

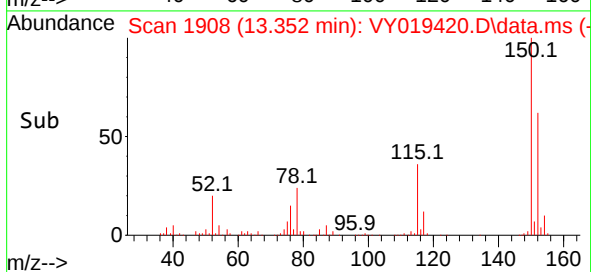
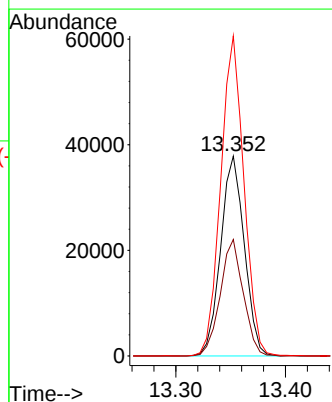
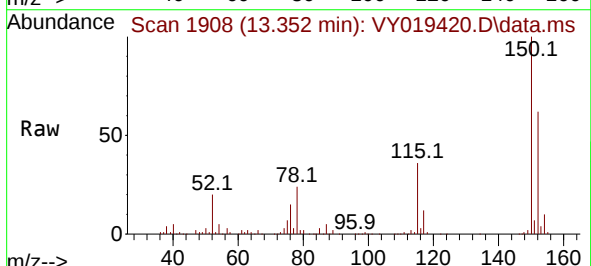
Tgt Ion:152 Resp: 56774

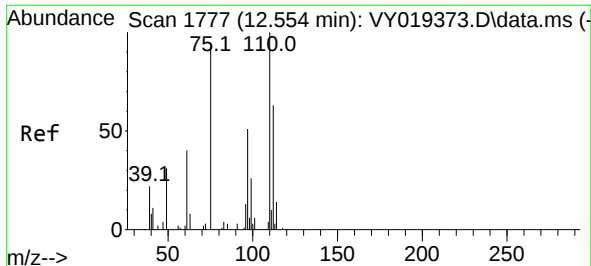
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 157.1 0.0 345.6

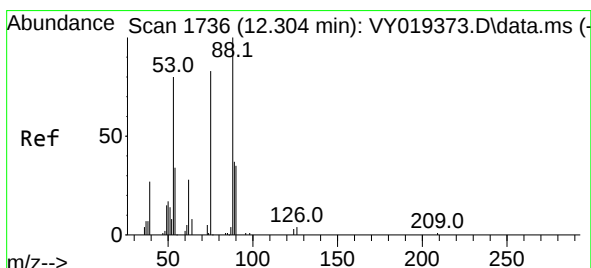
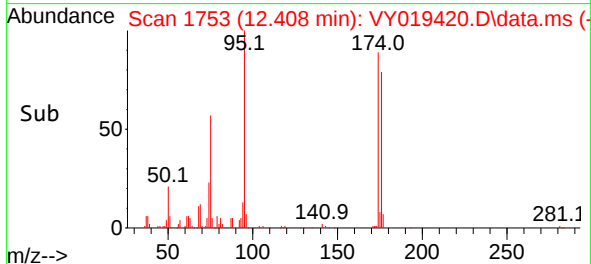
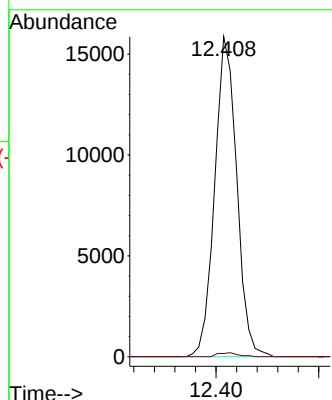
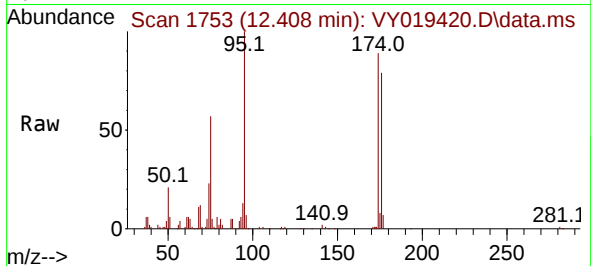




#76
1,2,3-Trichloropropane
Concen: 47.279 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

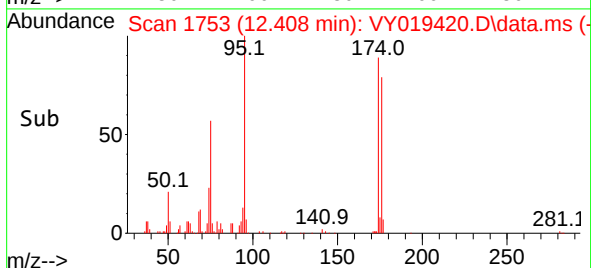
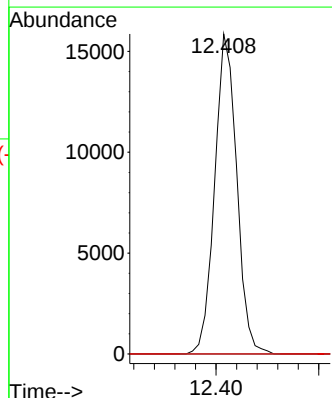
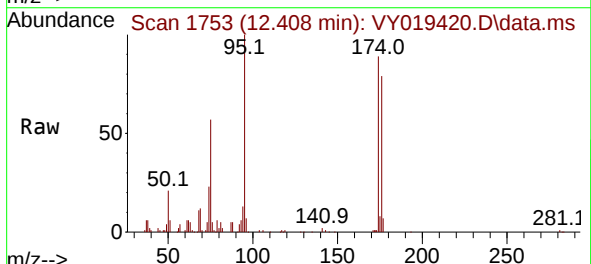
Instrument :
MSVOA_Y
ClientSampleId :

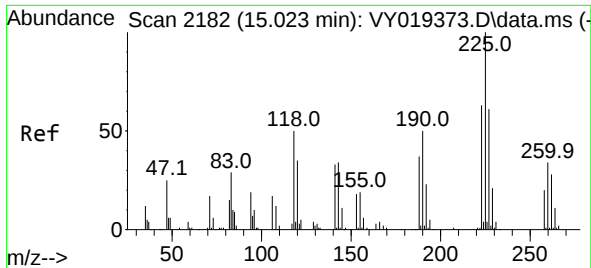
Tgt Ion: 75 Resp: 23573
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.973 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

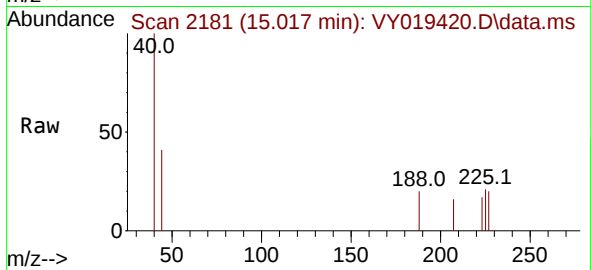
Tgt Ion: 75 Resp: 23573
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#94
 Hexachlorobutadiene
 Concen: 3.594 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: VY019420.D
 Acq: 03 Sep 2024 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	225	Resp:	53
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.4	91.2#
227	0.0	31.9	95.9#

