

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019397.D
 Acq On : 30 Aug 2024 15:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:16:21 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)

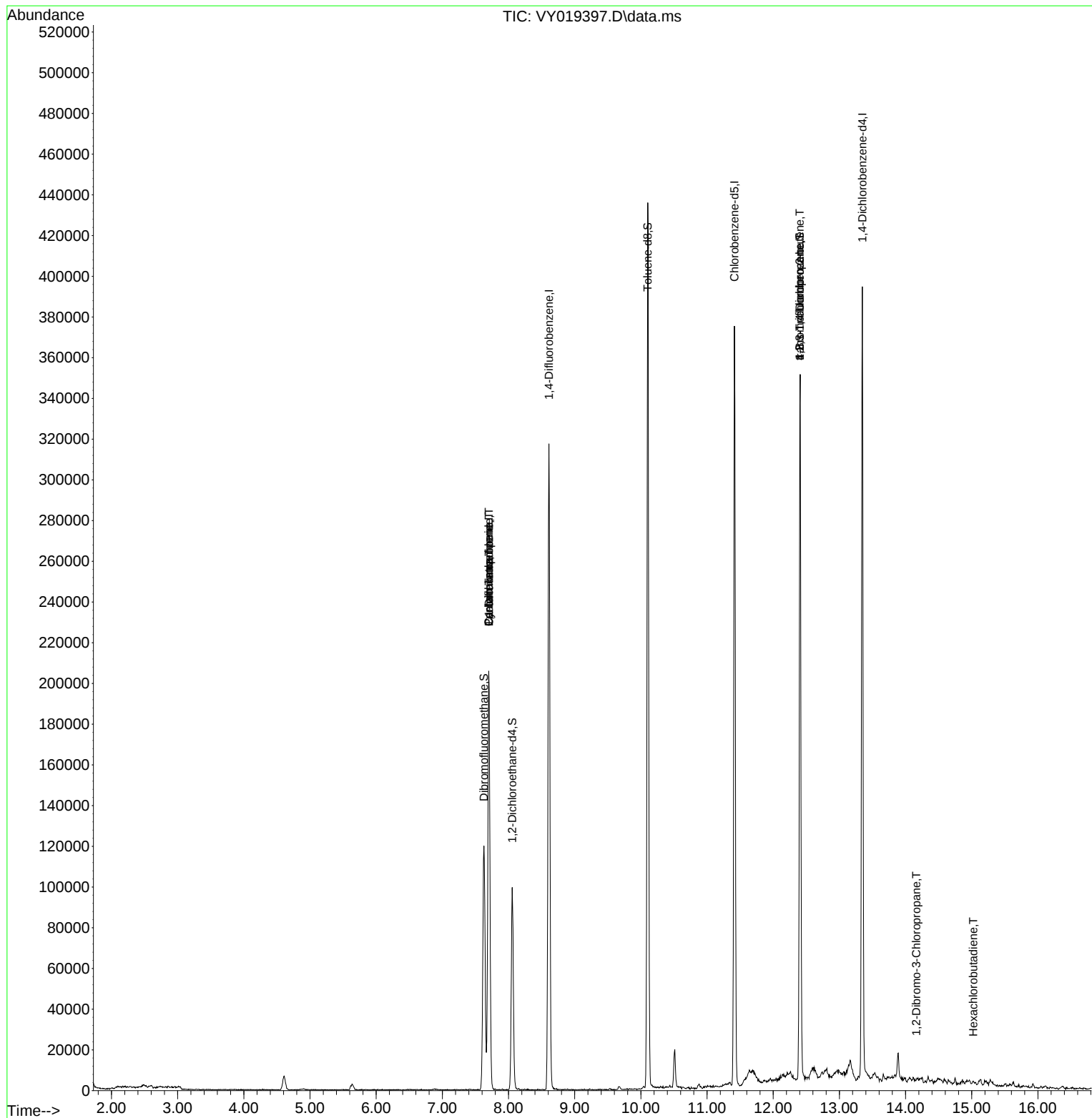
Internal Standards						
1) Pentafluorobenzene	7.701	168	159071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	276397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	97649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	78265	51.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.900%
35) Dibromofluoromethane	7.628	113	85706	49.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.103	98	277062	43.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.140%
62) 4-Bromofluorobenzene	12.402	95	98998	47.581	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	280	Below Cal	#	66
20) Methylene Chloride	4.610	84	4926	Below Cal	#	86
31) Cyclohexane	7.701	56	3124	1.219	ug/l #	7
36) 1,1-Dichloropropene	7.701	75	12239	4.956	ug/l #	49
38) Carbon Tetrachloride	7.701	117	15450	5.133	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	54674	63.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	54674	157.736	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.164	75	20	1.427	ug/l #	15
94) Hexachlorobutadiene	15.023	225	30	3.551	ug/l #	19

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
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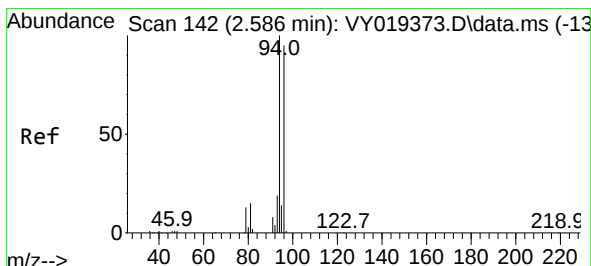
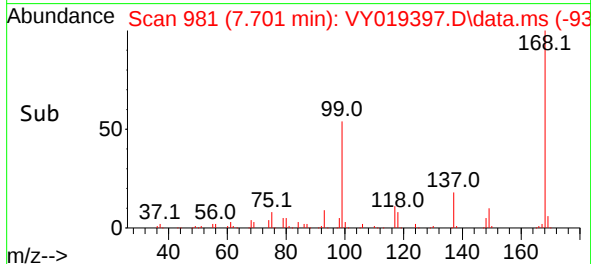
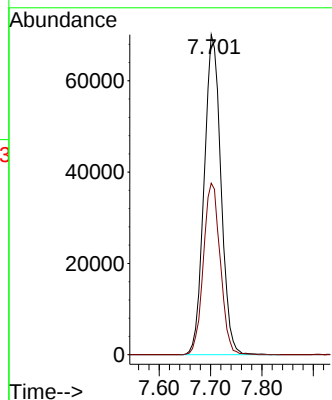
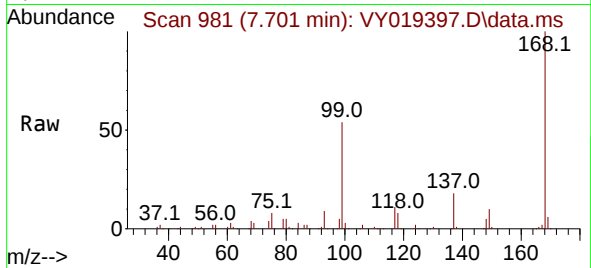




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

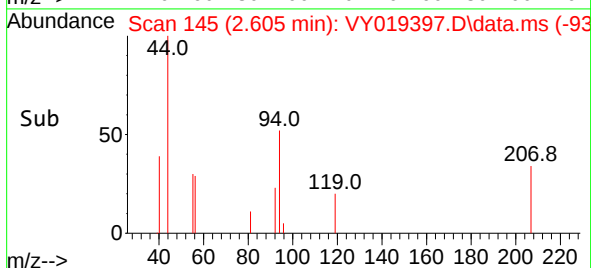
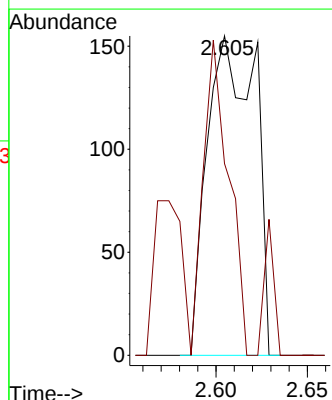
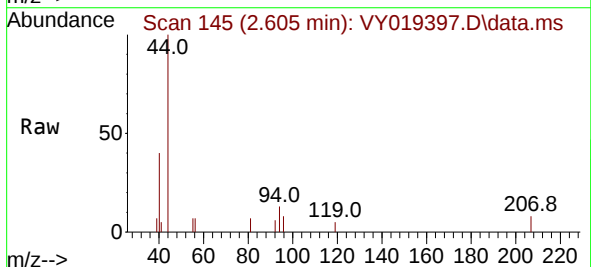
Instrument :
MSVOA_Y
ClientSampleId :

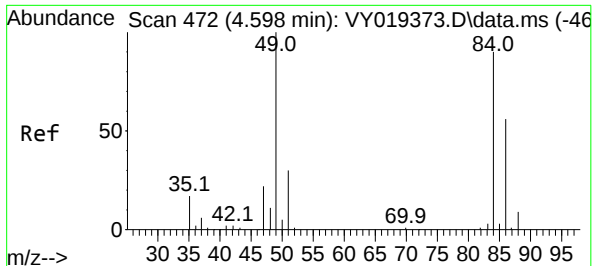
Tgt Ion:168 Resp: 159071
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 60.0 74.1 111.1#

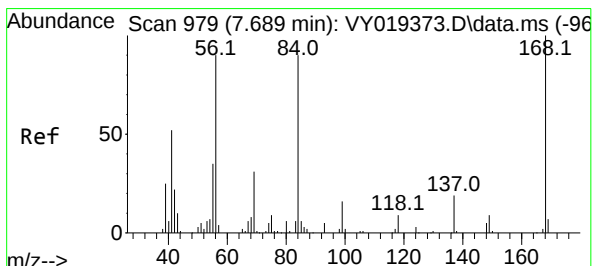
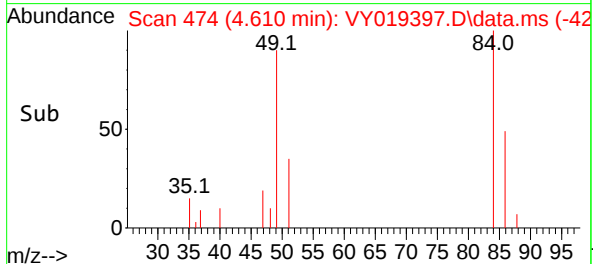
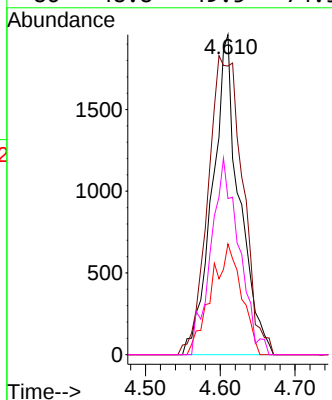
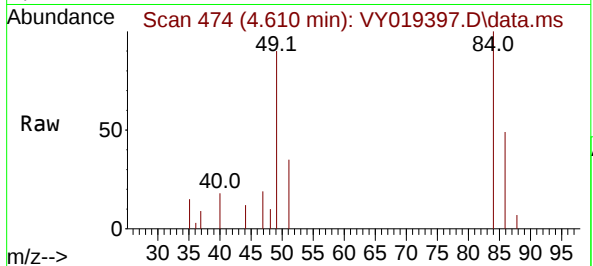




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

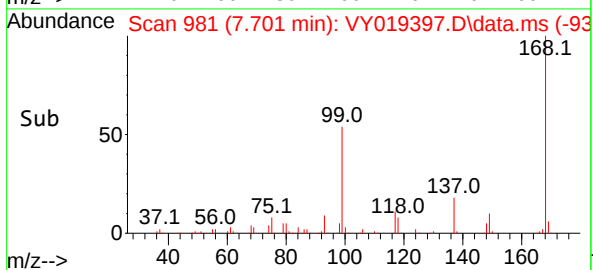
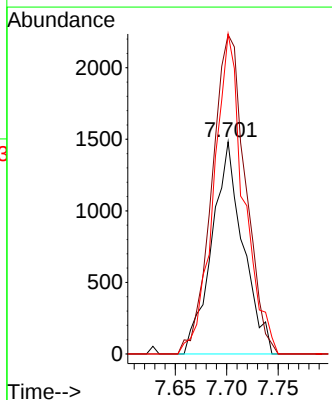
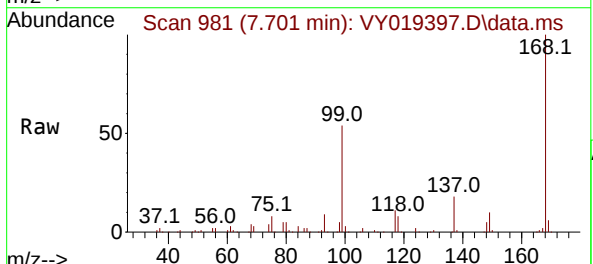
Instrument :
MSVOA_Y
ClientSampleId :

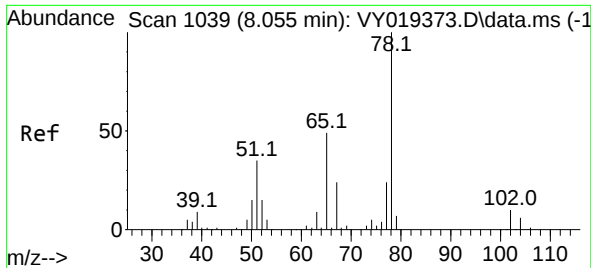
Tgt Ion: 84 Resp: 4926
Ion Ratio Lower Upper
84 100
49 90.2 84.4 126.6
51 34.6 26.0 39.0
86 48.8 49.5 74.3#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion: 56 Resp: 3124
Ion Ratio Lower Upper
56 100
69 150.5 28.7 43.1#
84 150.8 77.7 116.5#

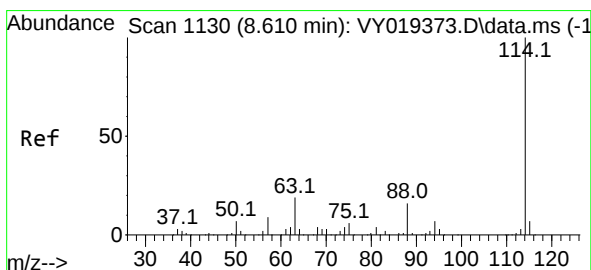
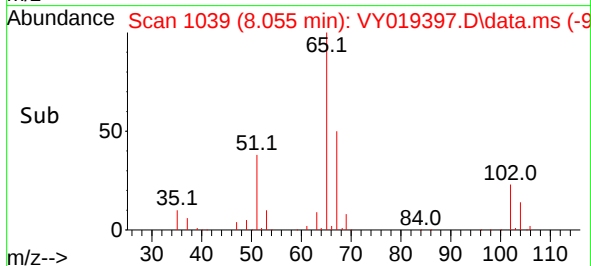
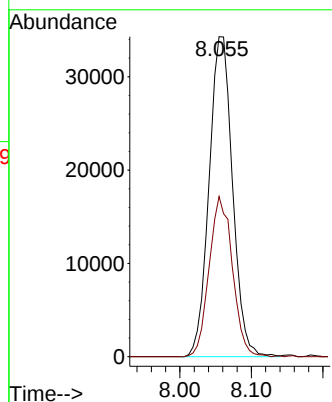
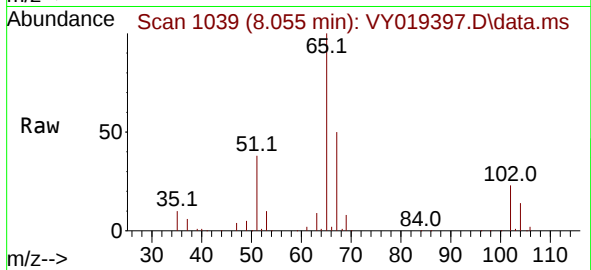




#33
1,2-Dichloroethane-d4
Concen: 51.945 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

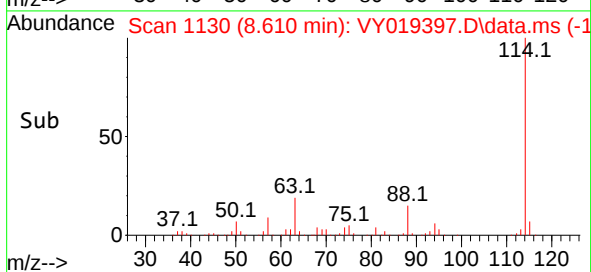
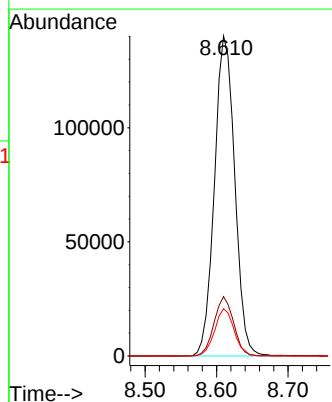
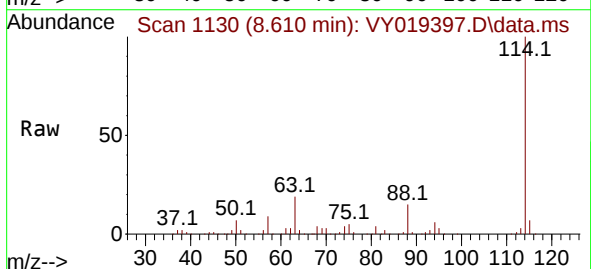
Instrument :
MSVOA_Y
ClientSampleId :

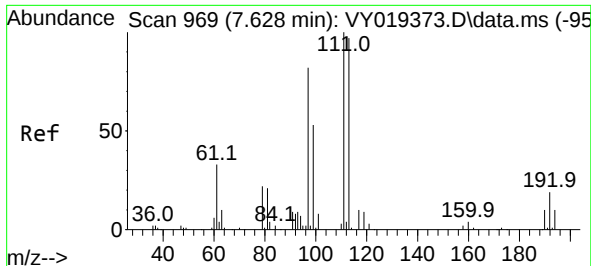
Tgt Ion: 65 Resp: 78265
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion: 114 Resp: 276397
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.0
88 14.7 0.0 27.2

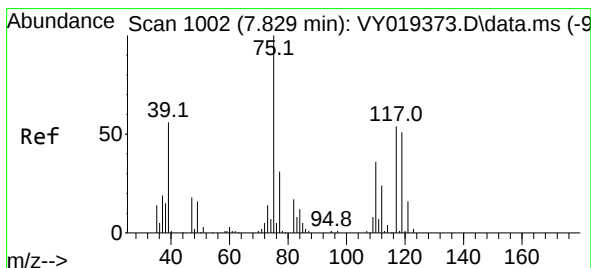
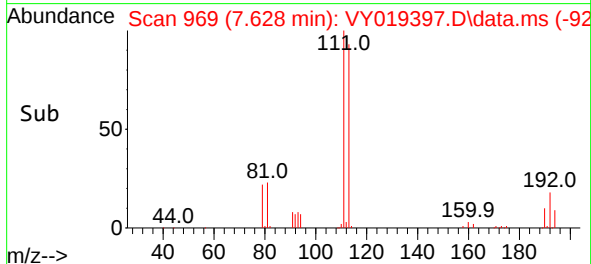
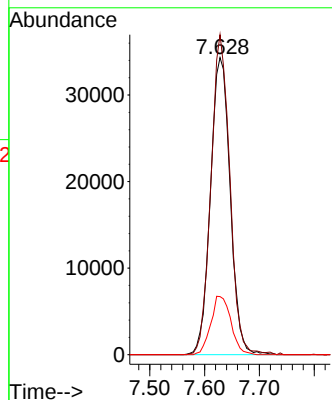
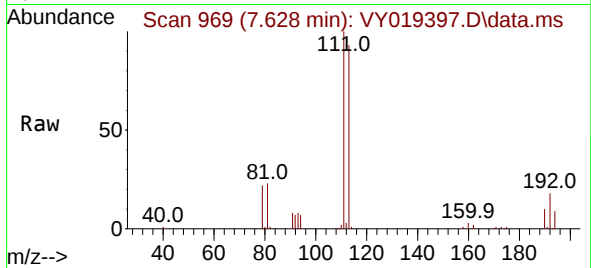




#35
Dibromofluoromethane
Concen: 49.046 ug/l
RT: 7.628 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

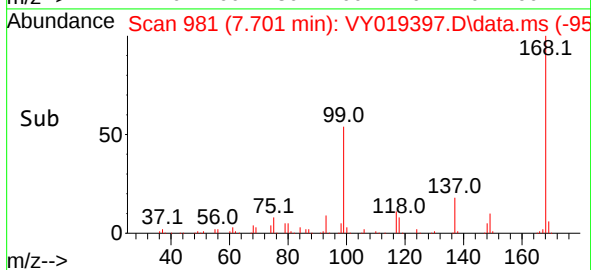
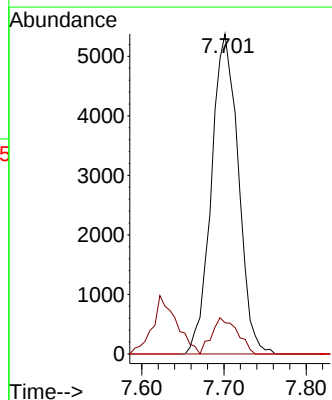
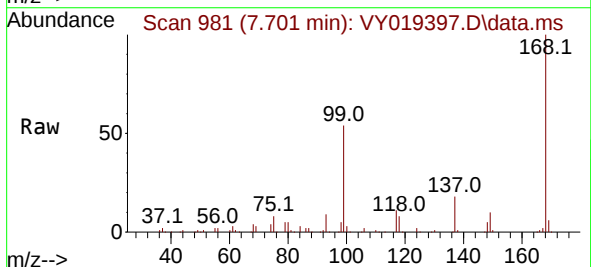
Instrument :
MSVOA_Y
ClientSampleId :

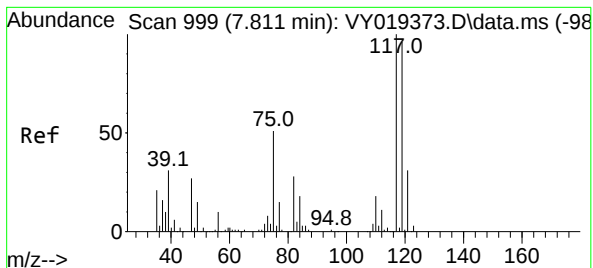
Tgt Ion:113 Resp: 85706
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion: 75 Resp: 12239
Ion Ratio Lower Upper
75 100
110 10.7 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.133 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.110 min

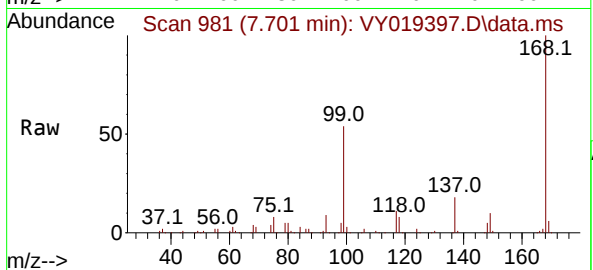
Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :



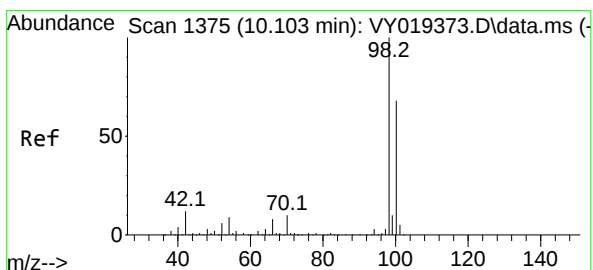
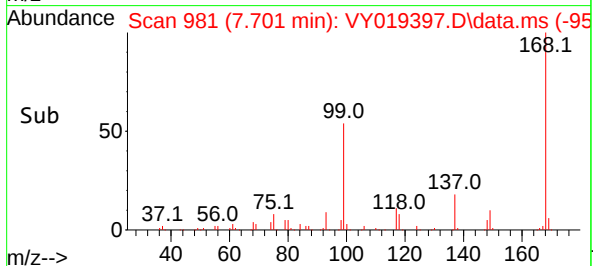
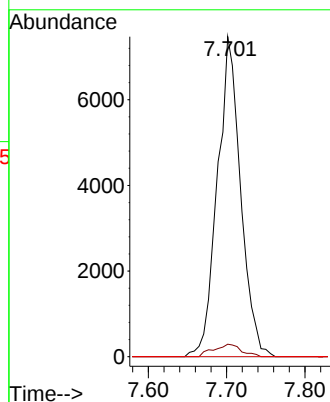
Tgt Ion:117 Resp: 15450

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 43.070 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019397.D

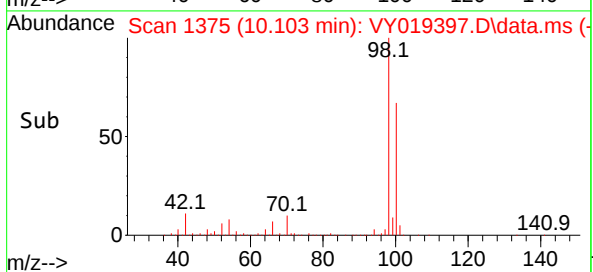
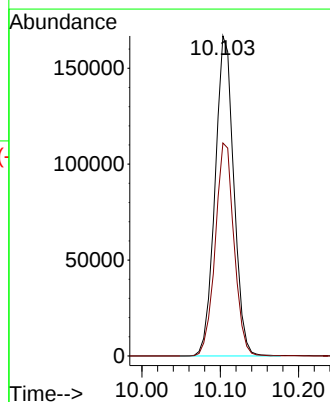
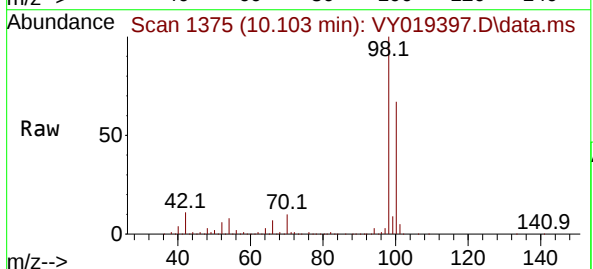
Acq: 30 Aug 2024 15:49

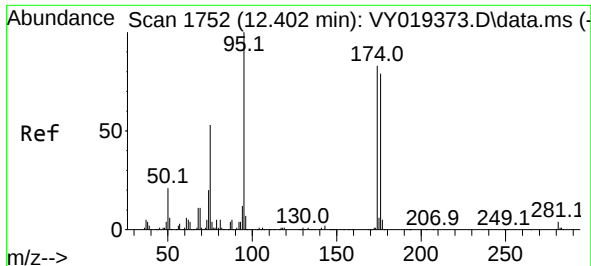
Tgt Ion: 98 Resp: 277062

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

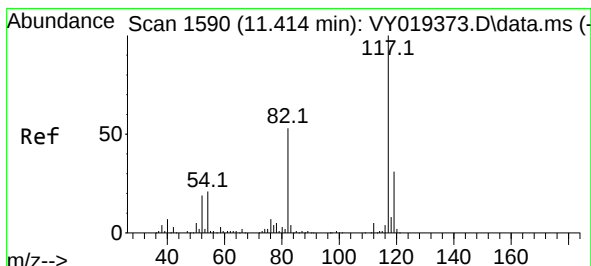
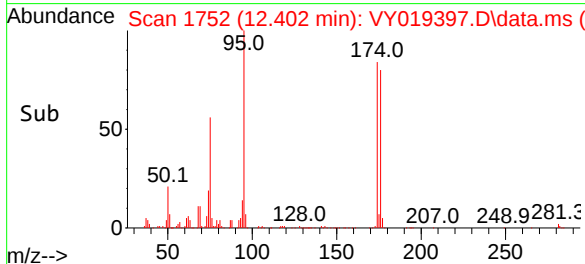
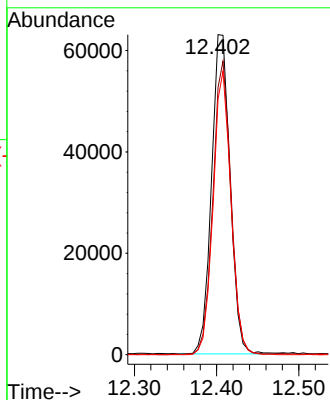
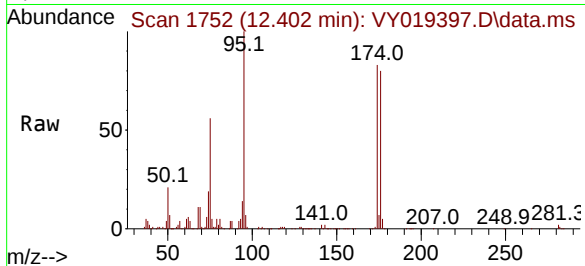




#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

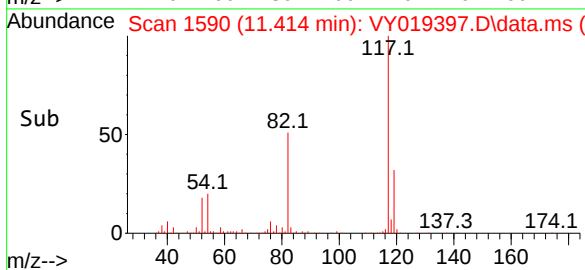
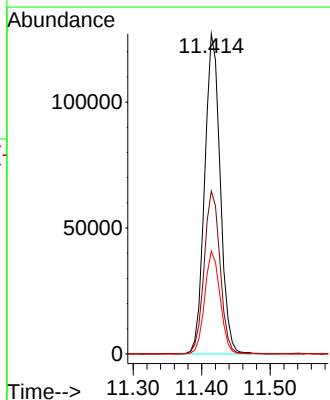
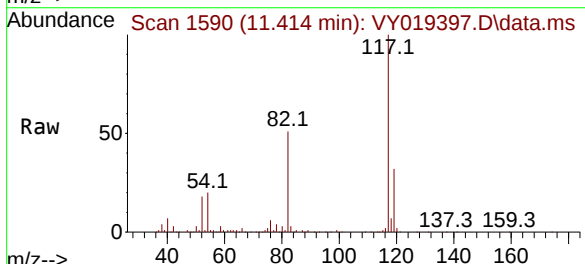
Instrument :
MSVOA_Y
ClientSampleId :

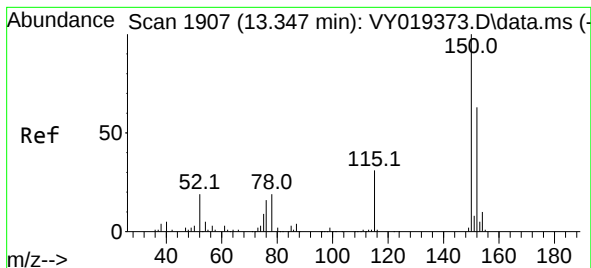
Tgt Ion:	95	Resp:	98998
Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	175.6
176	85.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion:	117	Resp:	201004
Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.4	63.6
119	32.1	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

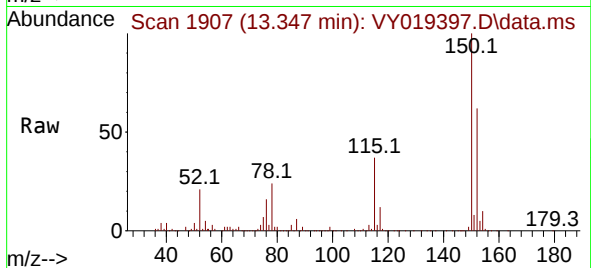
Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :



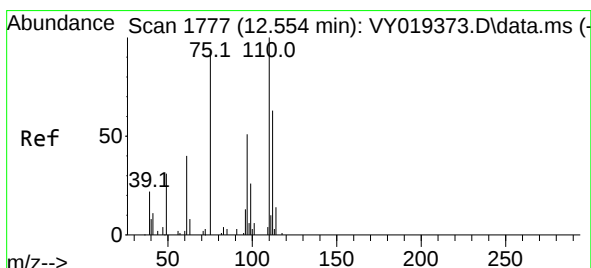
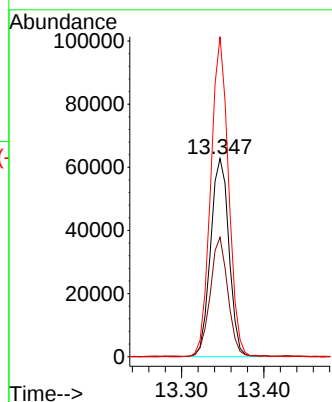
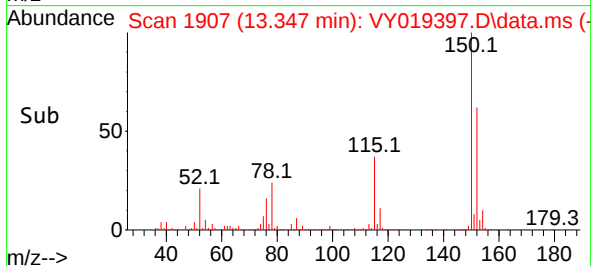
Tgt Ion:152 Resp: 97649

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 155.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.756 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019397.D

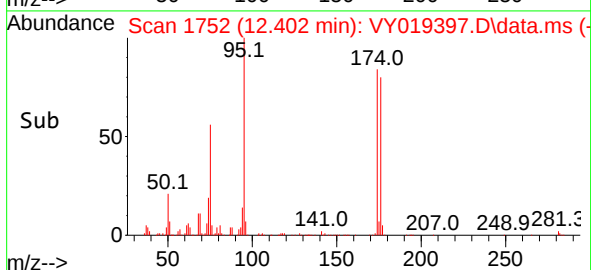
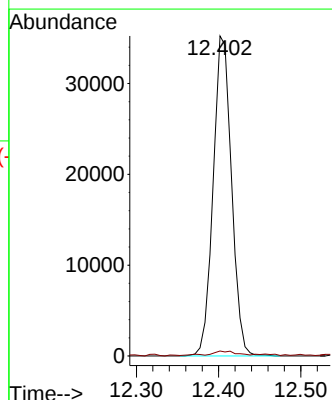
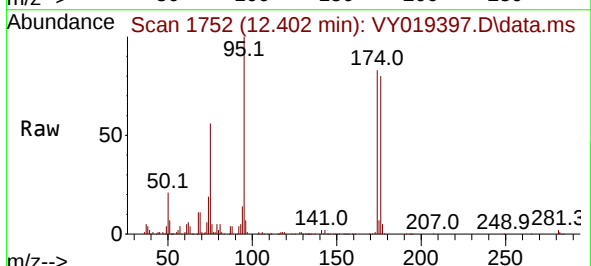
Acq: 30 Aug 2024 15:49

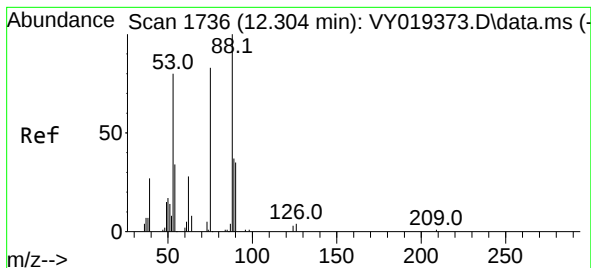
Tgt Ion: 75 Resp: 54674

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

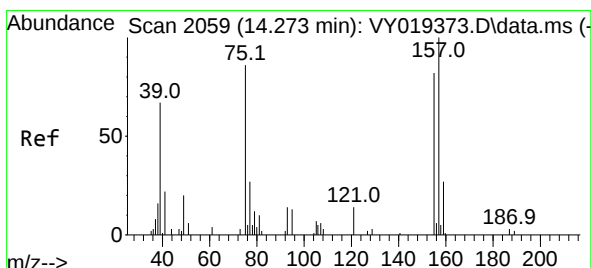
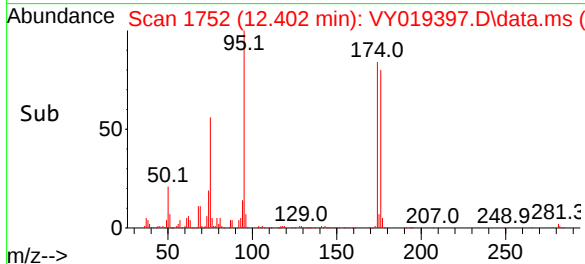
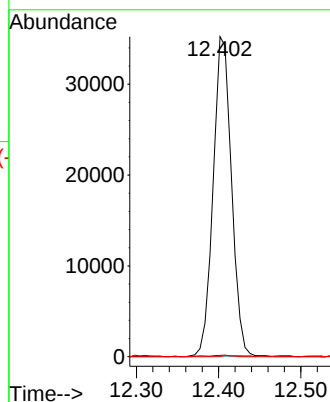
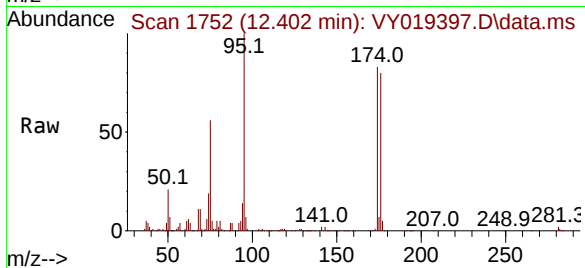




#81
trans-1,4-Dichloro-2-butene
Concen: 157.736 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

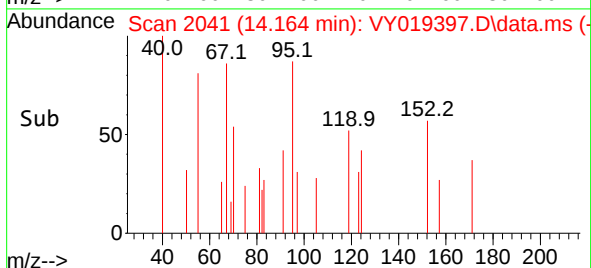
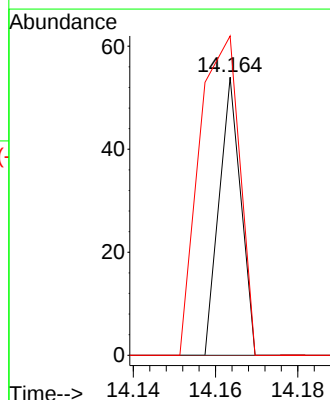
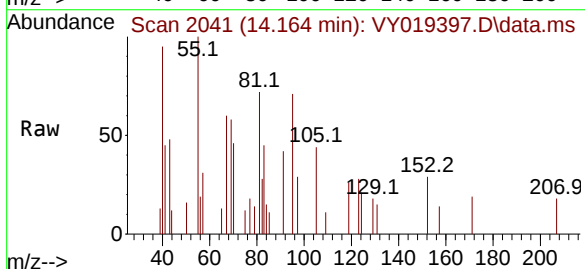
Instrument :
MSVOA_Y
ClientSampleId :

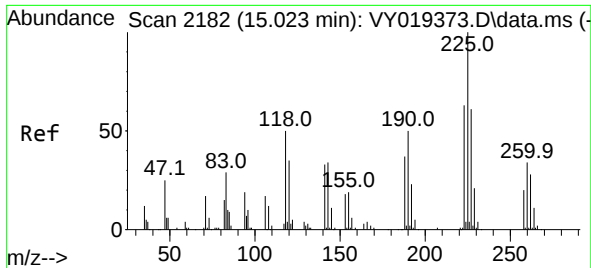
Tgt Ion: 75 Resp: 54674
Ion Ratio Lower Upper
75 100
53 0.8 66.8 100.2#
89 0.2 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.427 ug/l
RT: 14.164 min Scan# 2041
Delta R.T. -0.109 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 210.0 62.7 188.2#





#94

Hexachlorobutadiene

Concen: 3.551 ug/l

RT: 15.023 min Scan# 21

Delta R.T. 0.000 min

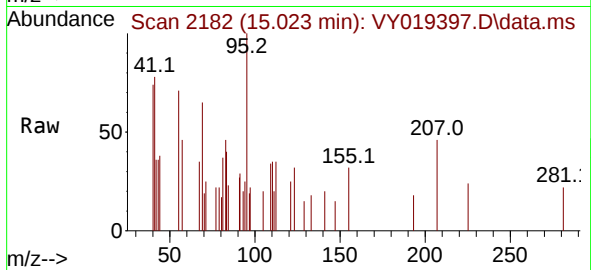
Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	225	Resp:	30
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.4	91.2#
227	0.0	31.9	95.9#

