

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019384.D
 Acq On : 29 Aug 2024 21:23
 Operator : SY/MD
 Sample : P3739-15
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:51:12 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)

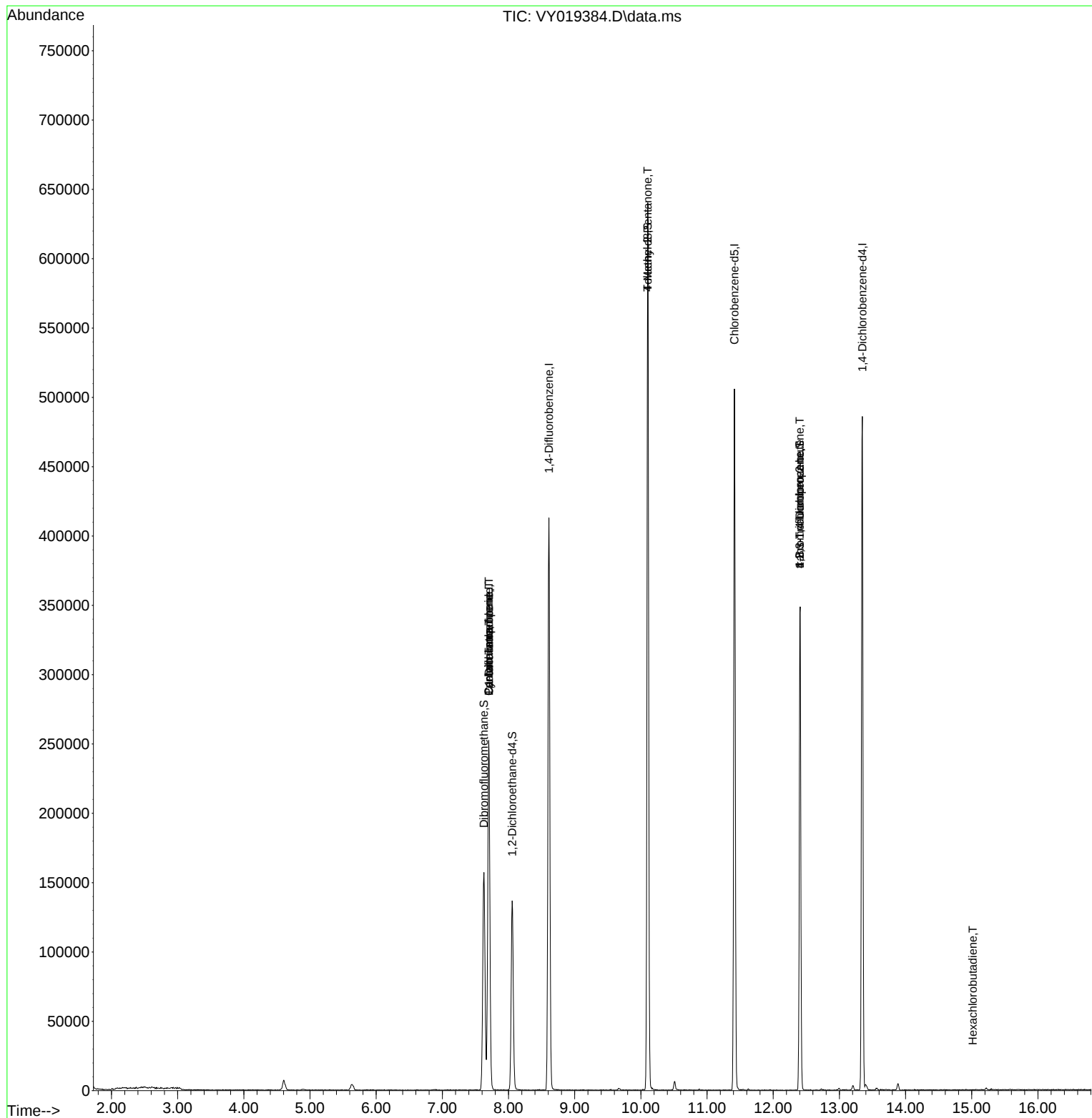
Internal Standards						
1) Pentafluorobenzene	7.701	168	194303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	357102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	122188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	109572	59.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.628	113	111865	49.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.103	98	402477	48.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.402	95	104971	39.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	408	Below Cal	#	73
20) Methylene Chloride	4.598	84	5001	Below Cal	#	88
31) Cyclohexane	7.701	56	4144	1.324	ug/l #	31
36) 1,1-Dichloropropene	7.701	75	14775	4.631	ug/l #	49
38) Carbon Tetrachloride	7.701	117	19369	4.981	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	1633	1.265	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	55933	52.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	55933	128.961	ug/l #	16
94) Hexachlorobutadiene	15.017	225	71	3.570	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
Response via : Initial Calibration

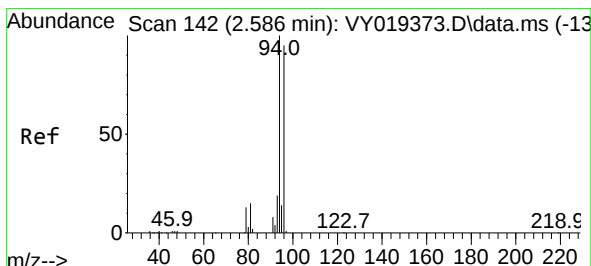
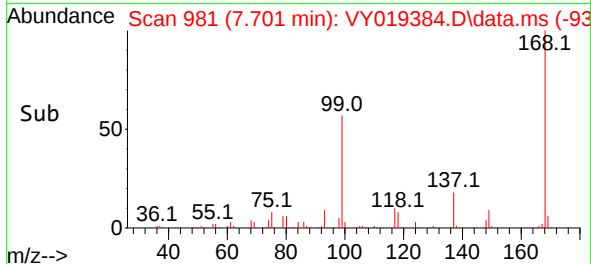
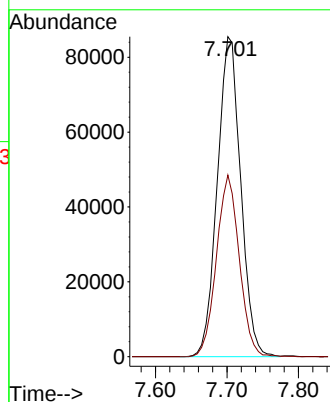
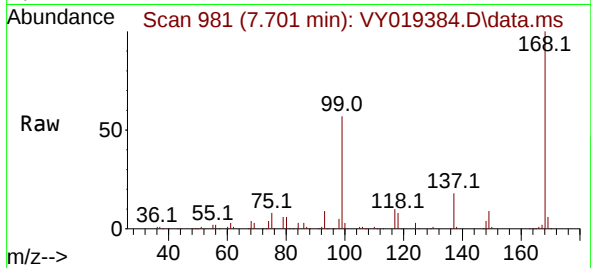




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

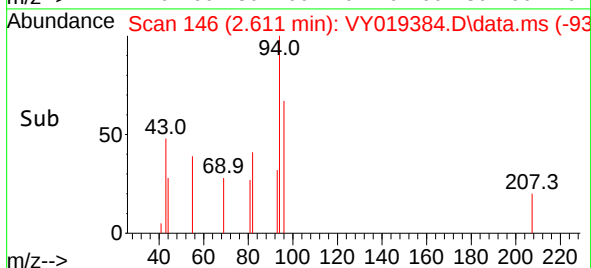
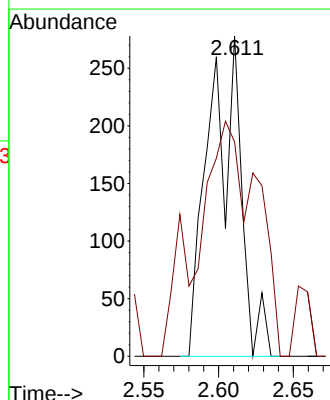
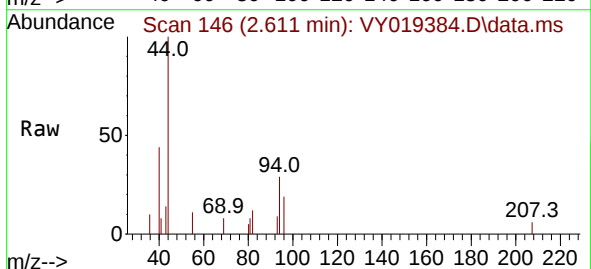
Instrument :
MSVOA_Y
ClientSampleId :

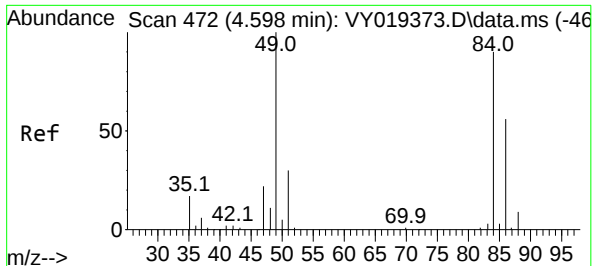
Tgt Ion:168 Resp: 194303
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

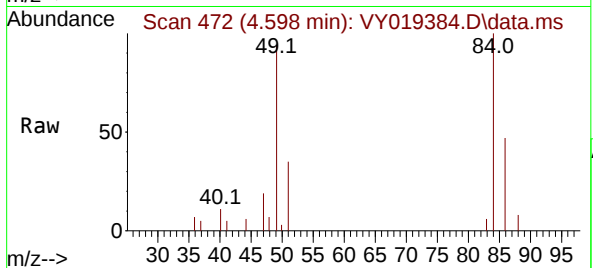
Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 66.9 74.1 111.1#



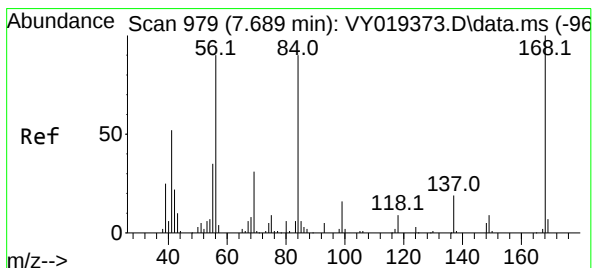
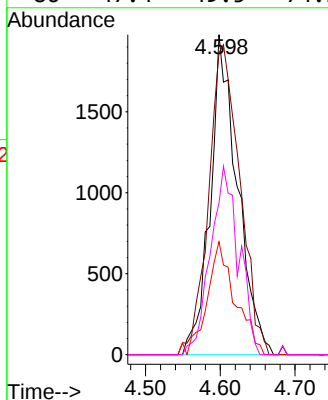
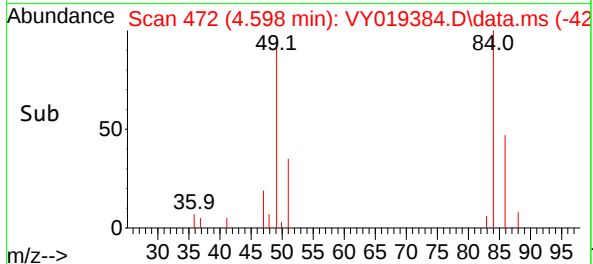


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

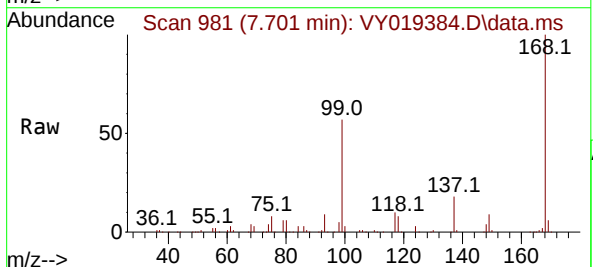
Instrument :
MSVOA_Y
ClientSampleId :



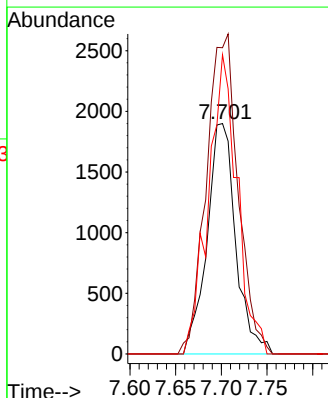
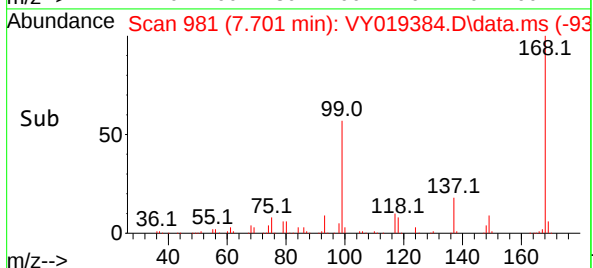
Tgt Ion:	84	Resp:	5001
Ion	Ratio	Lower	Upper
84	100		
49	94.3	84.4	126.6
51	35.3	26.0	39.0
86	47.4	49.5	74.3#

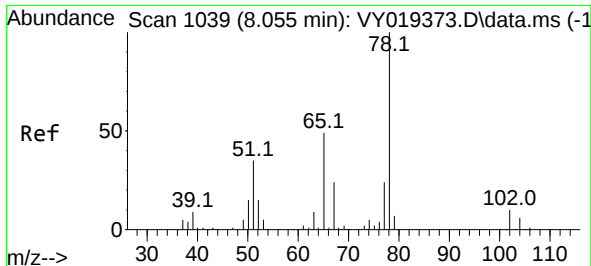


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23



Tgt Ion:	56	Resp:	4144
Ion	Ratio	Lower	Upper
56	100		
69	133.0	28.7	43.1#
84	129.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.537 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019384.D

Acq: 29 Aug 2024 21:23

Instrument :

MSVOA_Y

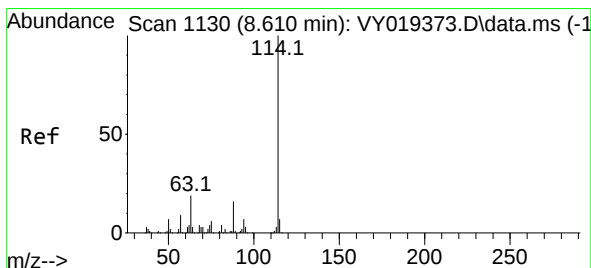
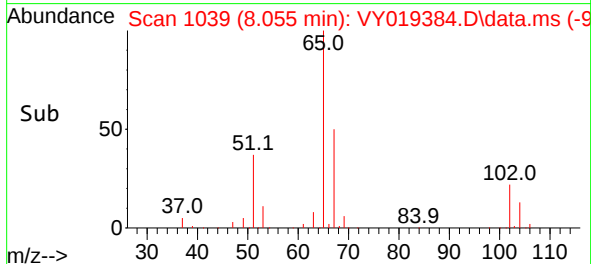
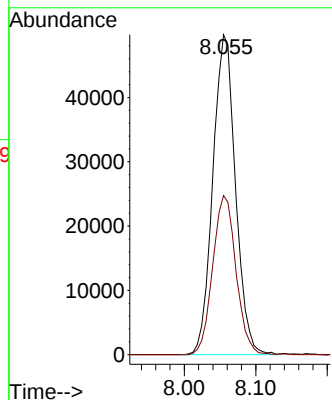
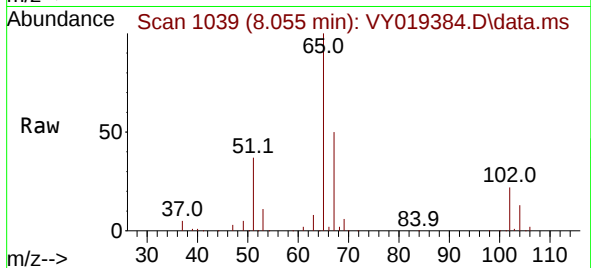
ClientSampleId :

Tgt Ion: 65 Resp: 109572

Ion Ratio Lower Upper

65 100

67 51.0 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: VY019384.D

Acq: 29 Aug 2024 21:23

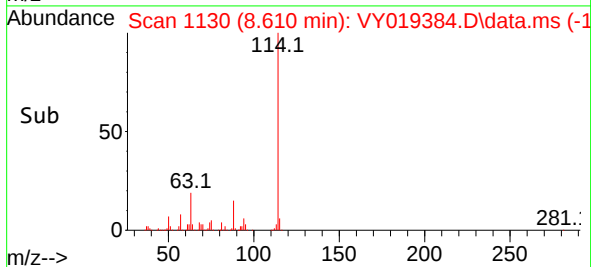
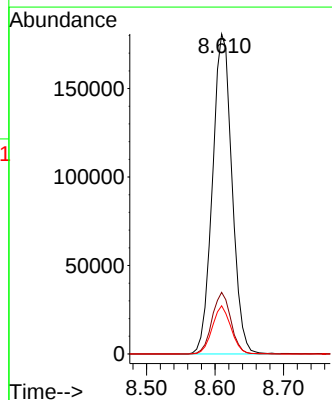
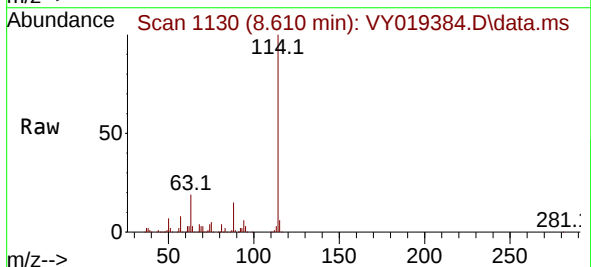
Tgt Ion: 114 Resp: 357102

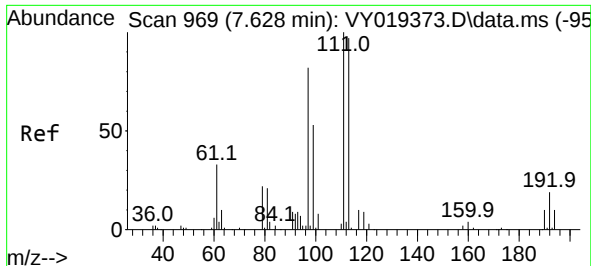
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

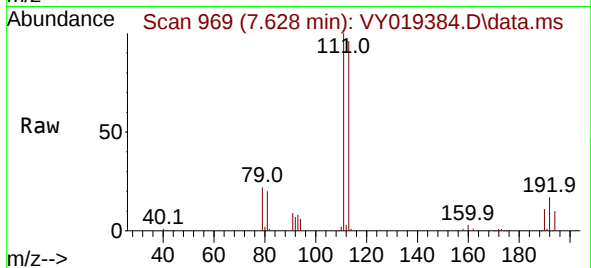
88 15.0 0.0 27.2



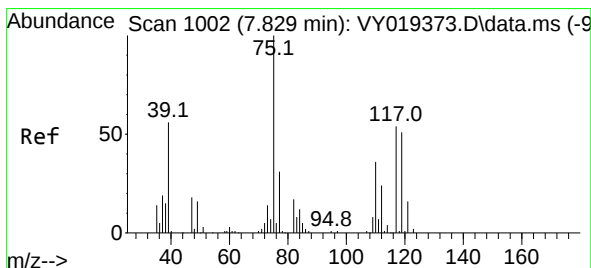
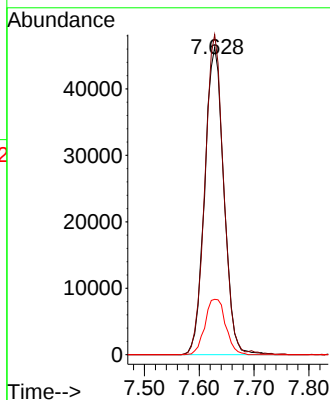
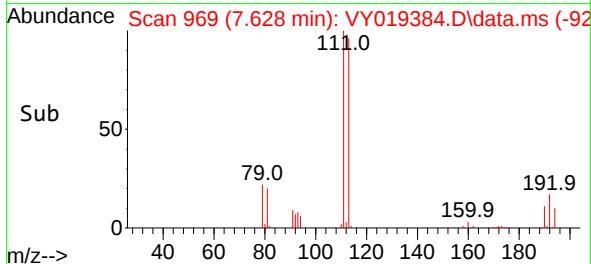


#35
Dibromofluoromethane
Concen: 49.548 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Instrument :
MSVOA_Y
ClientSampleId :

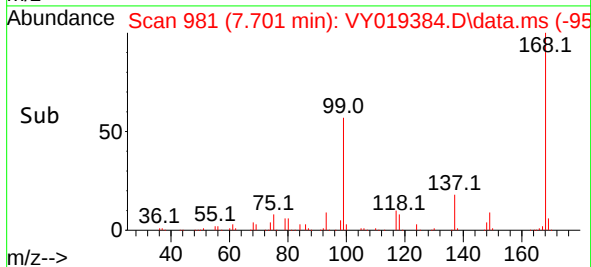
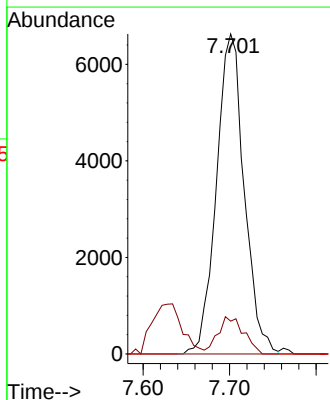
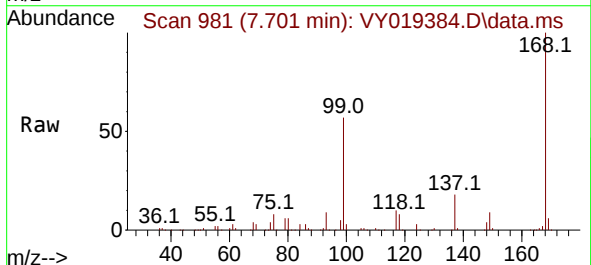


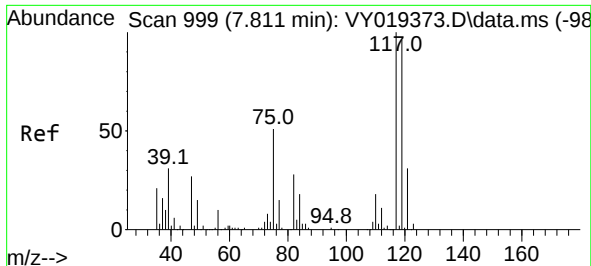
Tgt Ion:113 Resp: 111865
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.631 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

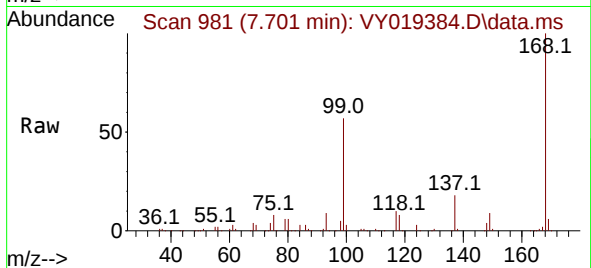
Tgt Ion: 75 Resp: 14775
Ion Ratio Lower Upper
75 100
110 10.8 19.0 57.0#
77 0.0 25.3 37.9#



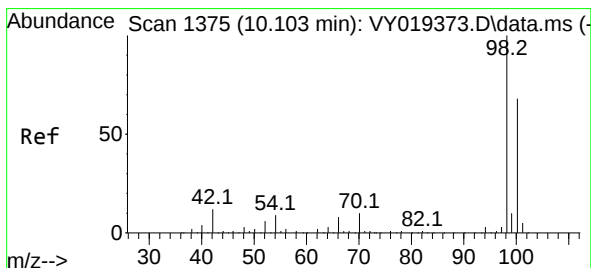
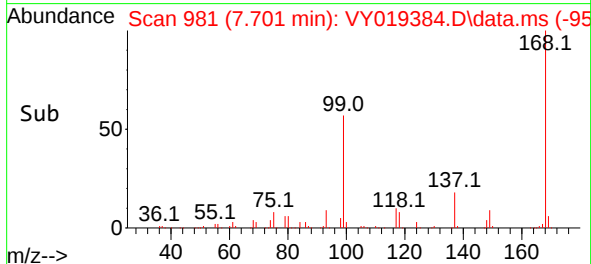
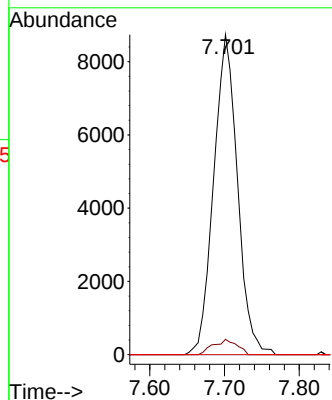


#38
Carbon Tetrachloride
Concen: 4.981 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Instrument :
MSVOA_Y
ClientSampleId :

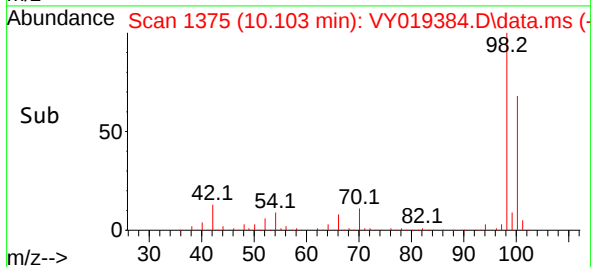
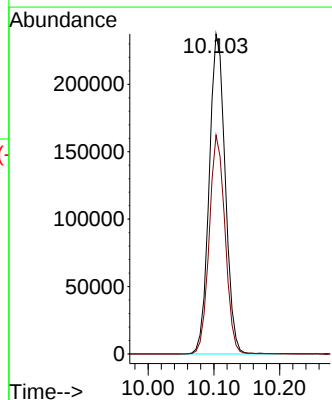
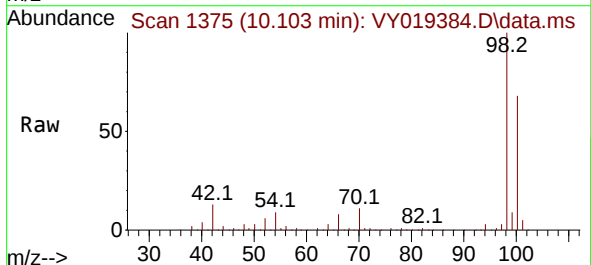


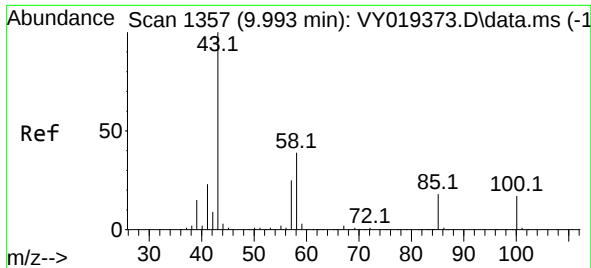
Tgt Ion:117 Resp: 19369
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.426 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion: 98 Resp: 402477
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0

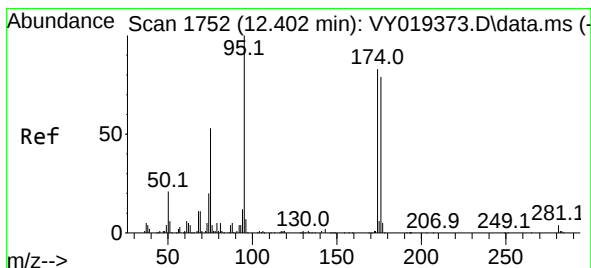
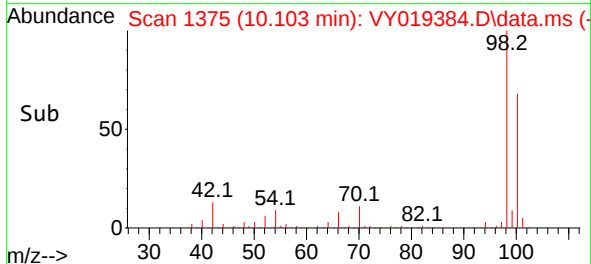
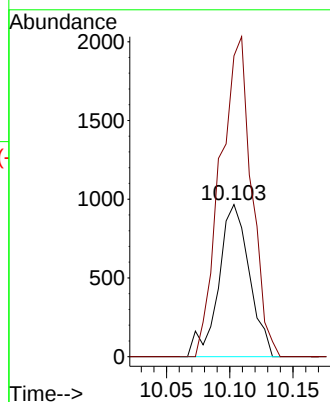
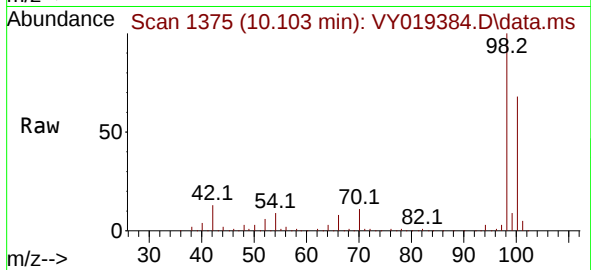




#51
4-Methyl-2-Pentanone
Concen: 1.265 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

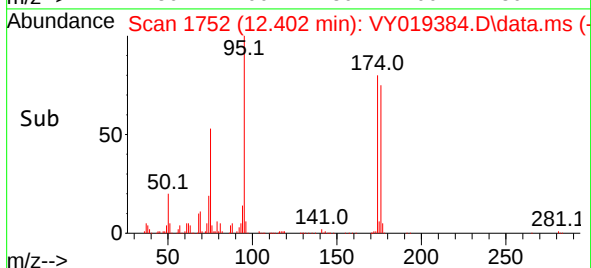
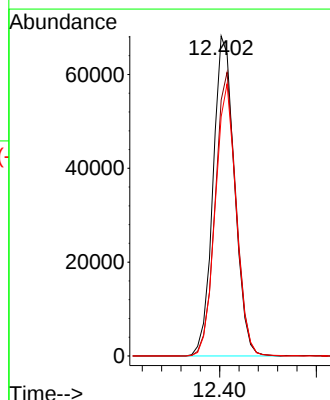
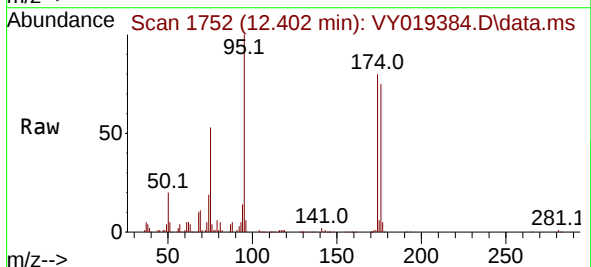
Instrument :
MSVOA_Y
ClientSampleId :

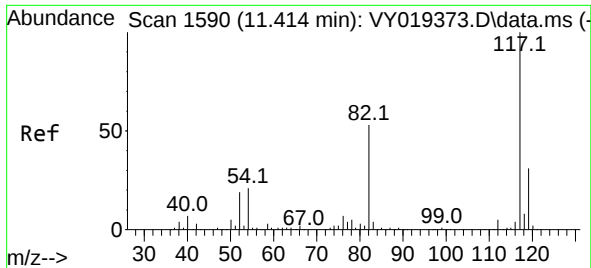
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 215.1 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 39.050 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion: 95 Resp: 104971
Ion Ratio Lower Upper
95 100
174 86.3 0.0 175.6
176 83.1 0.0 171.4

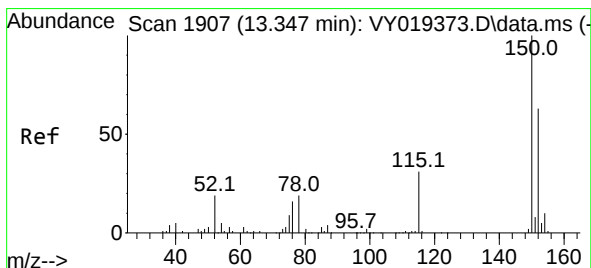
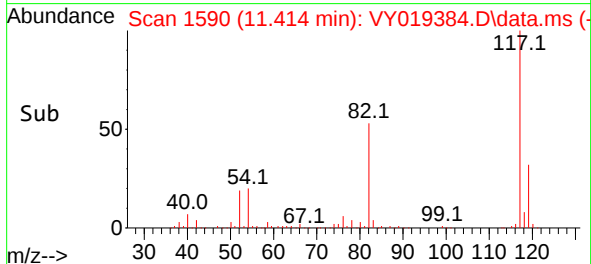
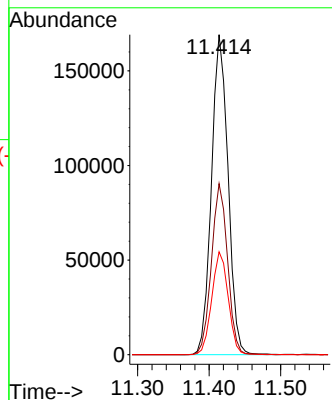
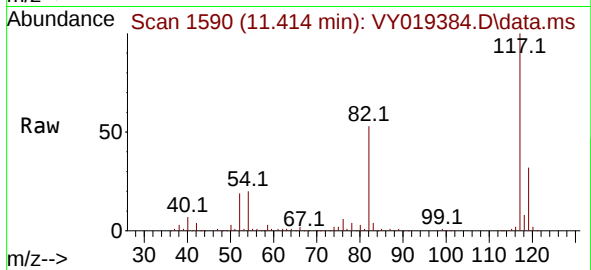




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

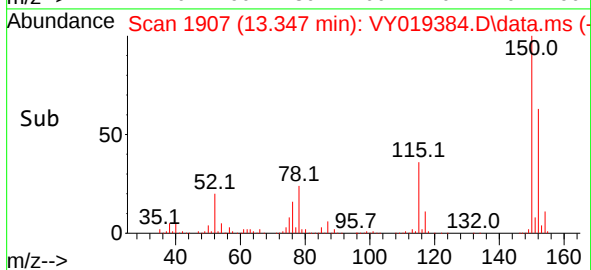
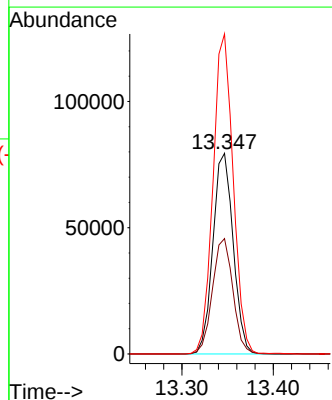
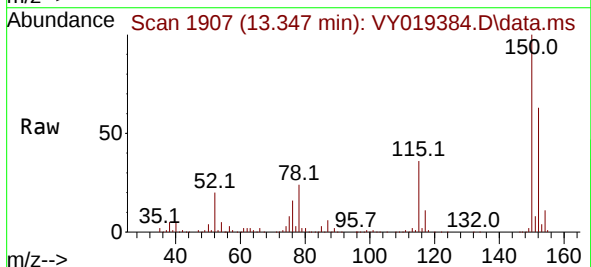
Instrument :
MSVOA_Y
ClientSampleId :

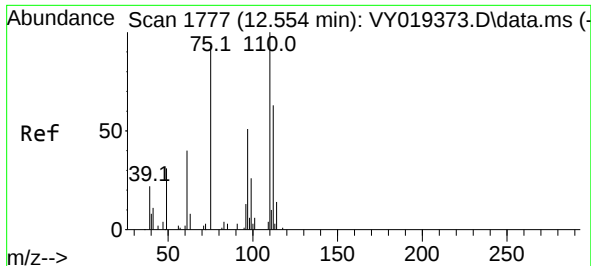
Tgt Ion:117 Resp: 272094
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion:152 Resp: 122188
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 158.8 0.0 345.6

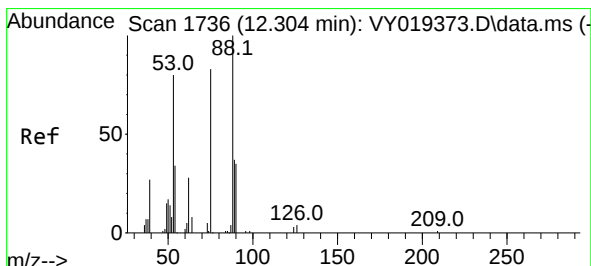
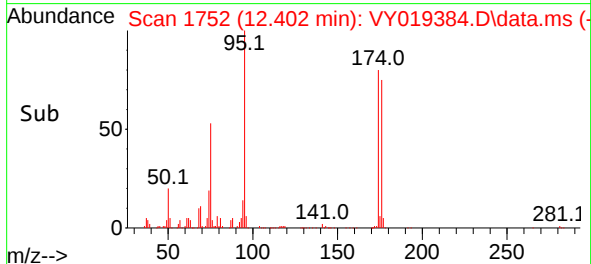
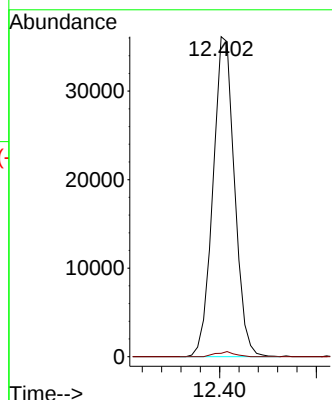
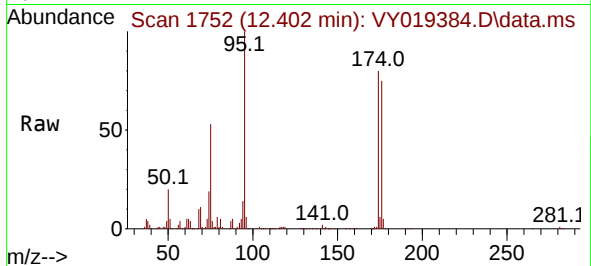




#76
1,2,3-Trichloropropane
Concen: 52.125 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

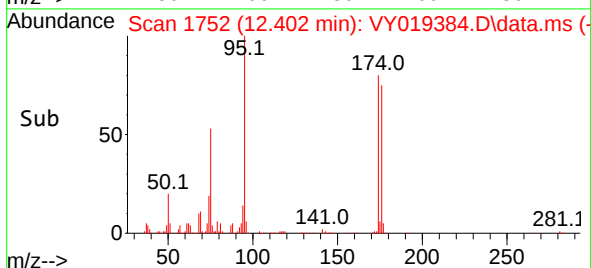
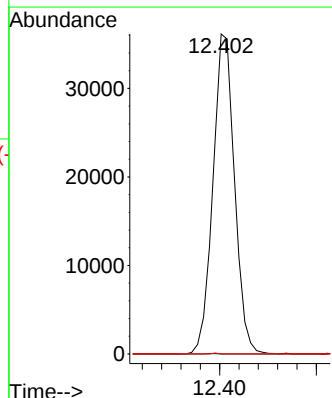
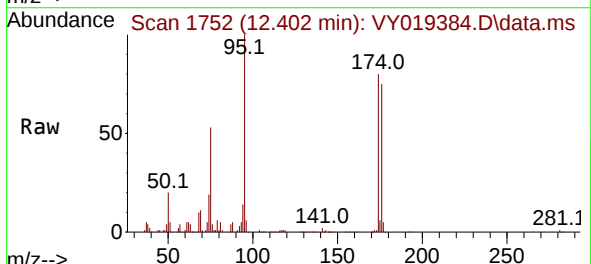
Instrument :
MSVOA_Y
ClientSampleId :

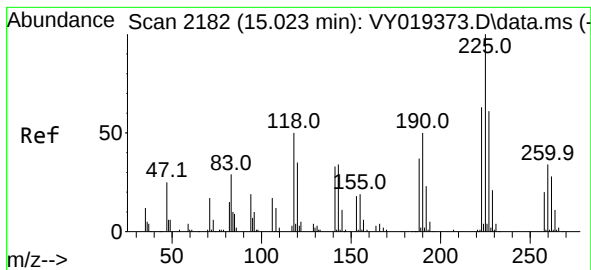
Tgt Ion: 75 Resp: 55933
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.961 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion: 75 Resp: 55933
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#





#94

Hexachlorobutadiene

Concen: 3.570 ug/l

RT: 15.017 min Scan# 21

Delta R.T. -0.006 min

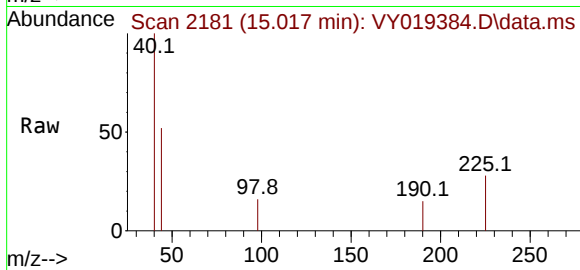
Lab File: VY019384.D

Acq: 29 Aug 2024 21:23

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:225 Resp: 71

Ion Ratio Lower Upper

225 100

223 0.0 30.4 91.2#

227 0.0 31.9 95.9#

