

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000551.D
 Acq On : 06 Nov 2019 15:10
 Operator : SY/MD
 Sample : K5710-02
 Misc : 6.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:56:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

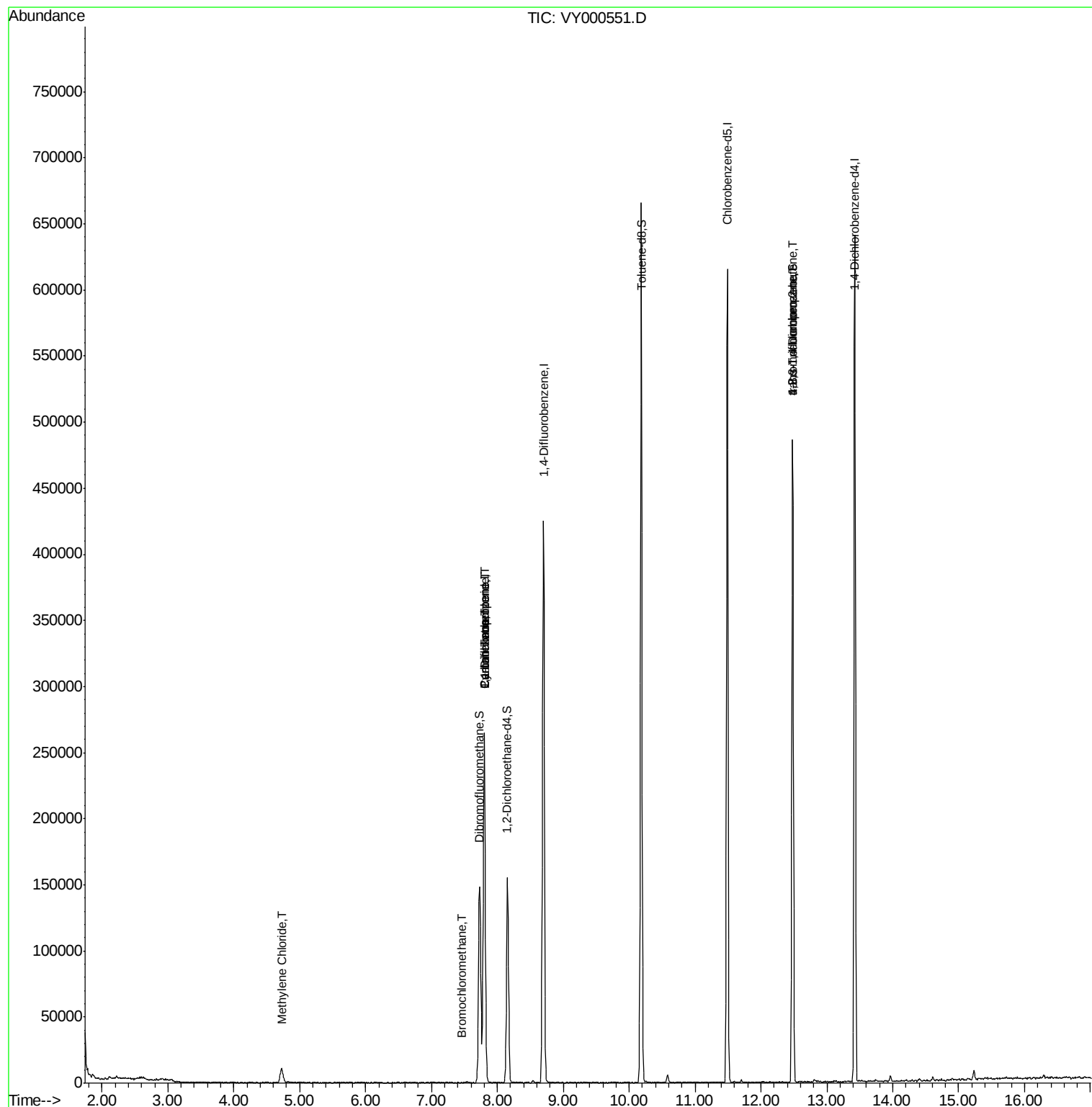
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	318604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	119128	57.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	7.73	113	106721	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.18	98	412792	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.48	95	142752	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.72	84	8115	3.314	ug/l	91
28) Bromochloromethane	7.46	49	38	4.113	ug/l #	14
31) Cyclohexane	7.80	56	4728	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15659	4.675	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19611	6.085	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	76566	44.182	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	76566	99.062	ug/l #	13

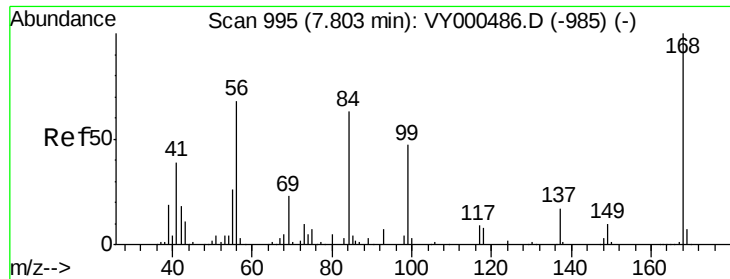
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000551.D

Acq: 06 Nov 2019 15:10

Instrument :

MSVOA_Y

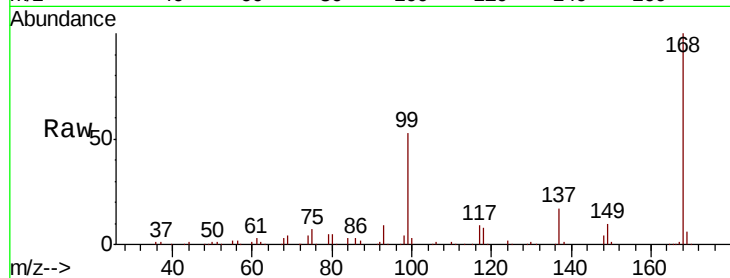
ClientSampleId :

Tot Ion:168 Resp: 200390

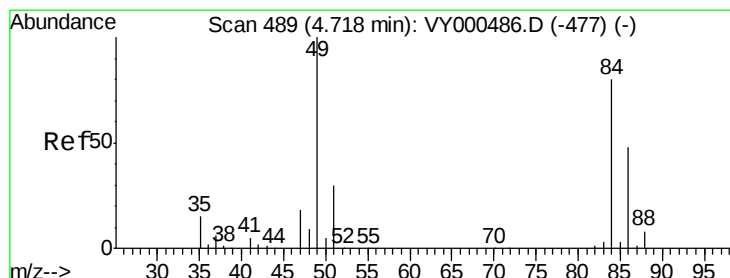
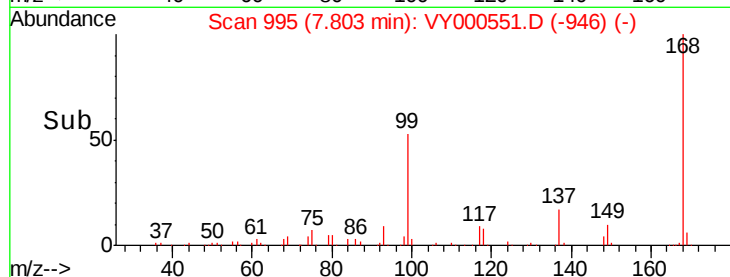
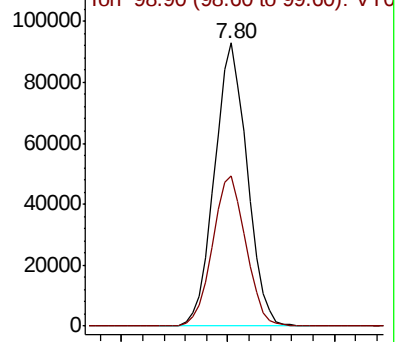
Ion Ratio Lower Upper

168 100

99 53.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#20

Methylene Chloride

Concen: 3.314 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.00 min

Lab File: VY000551.D

Acq: 06 Nov 2019 15:10

Tgt Ion: 84 Resp: 8115

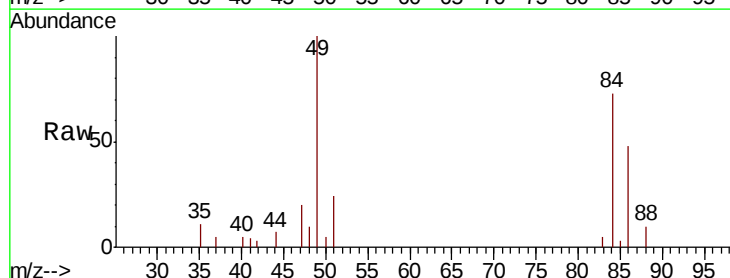
Ion Ratio Lower Upper

84 100

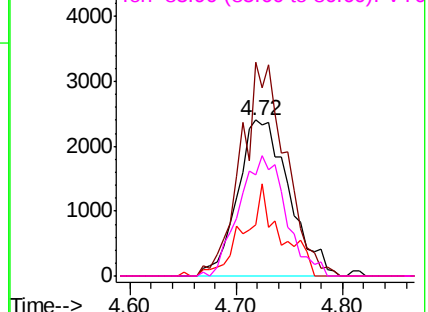
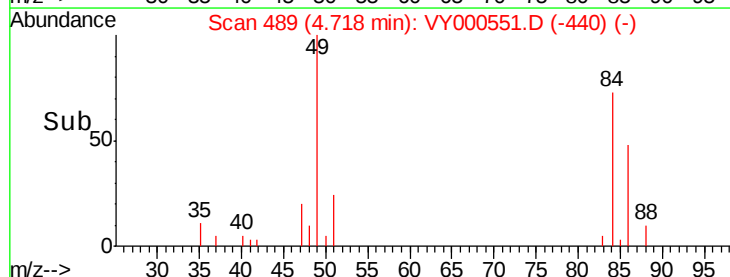
49 136.9 100.2 150.4

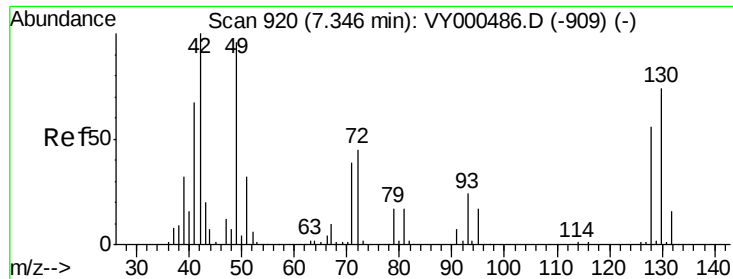
51 33.0 29.6 44.4

86 65.2 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)





#28

Bromochloromethane

Concen: 4.113 ug/l

RT: 7.46 min Scan# 939

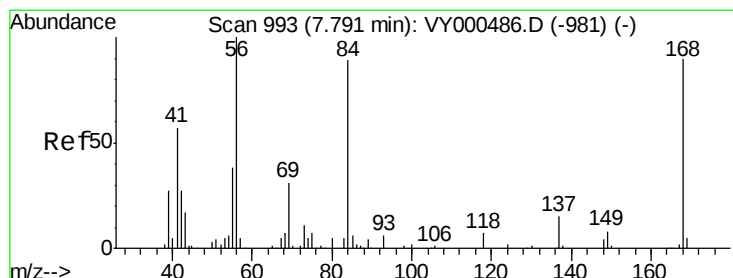
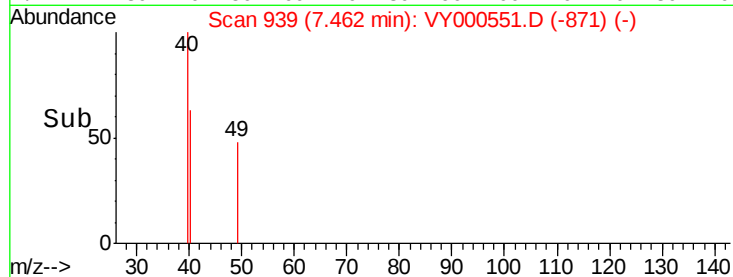
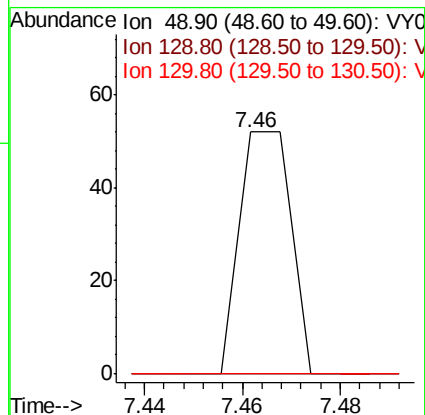
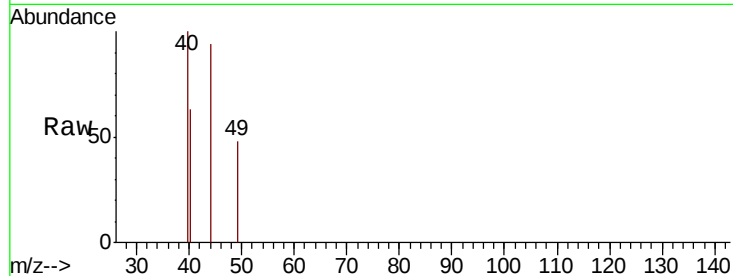
Delta R.T. 0.12 min

Lab File: VY000551.D

Acq: 06 Nov 2019 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 49 Resp: 38
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#



#31

Cyclohexane

Concen: 1.178 ug/l

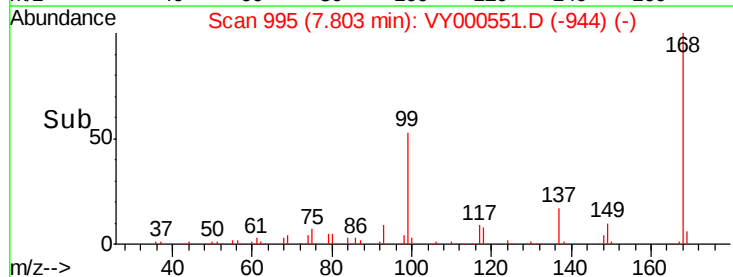
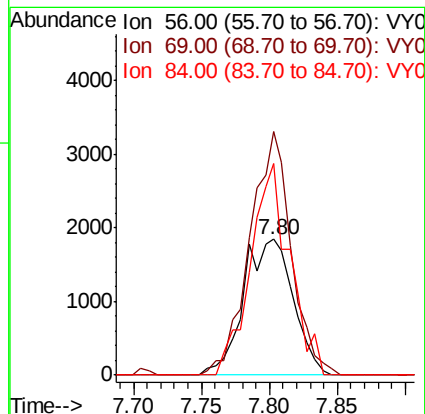
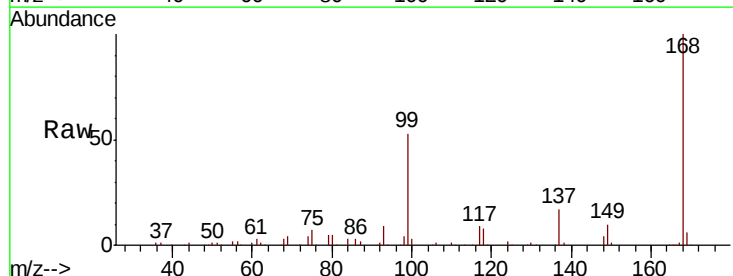
RT: 7.80 min Scan# 995

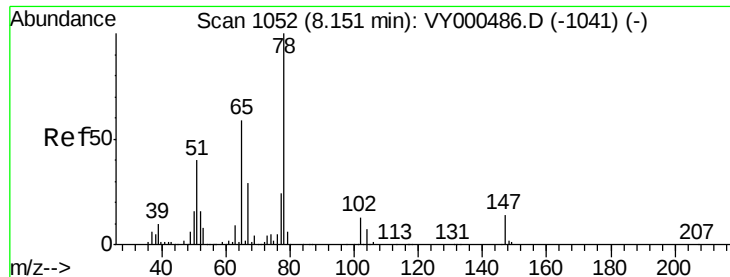
Delta R.T. 0.01 min

Lab File: VY000551.D

Acq: 06 Nov 2019 15:10

Tgt Ion: 56 Resp: 4728
Ion Ratio Lower Upper
56 100
69 179.3 25.0 37.6#
84 156.0 71.4 107.2#

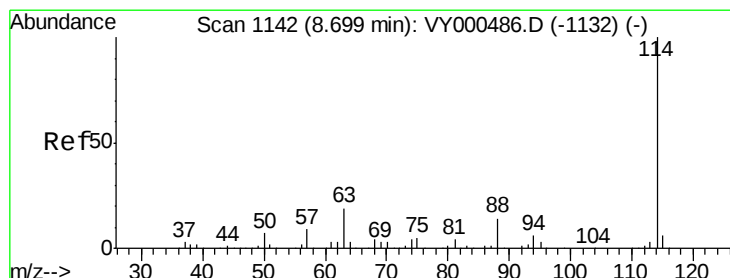
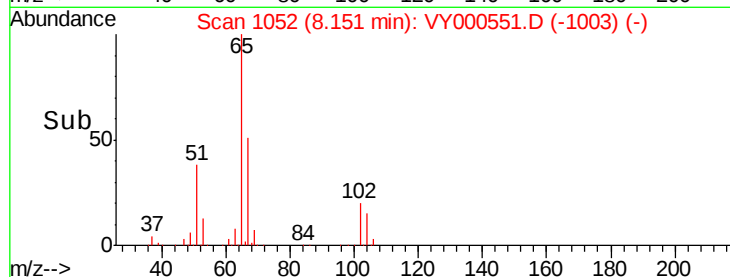
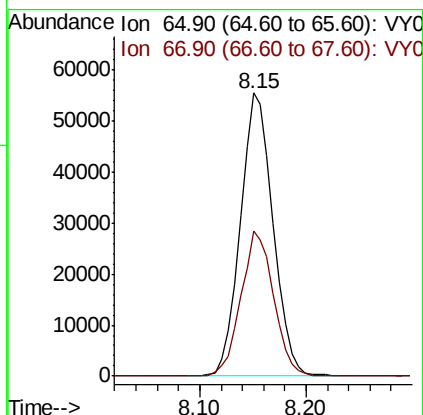
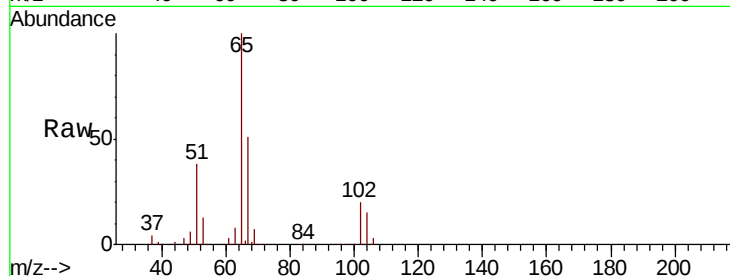




#33
 1,2-Dichloroethane-d4
 Concen: 57.445 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000551.D
 Acq: 06 Nov 2019 15:10

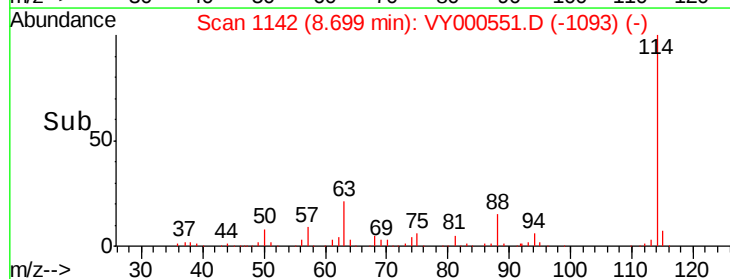
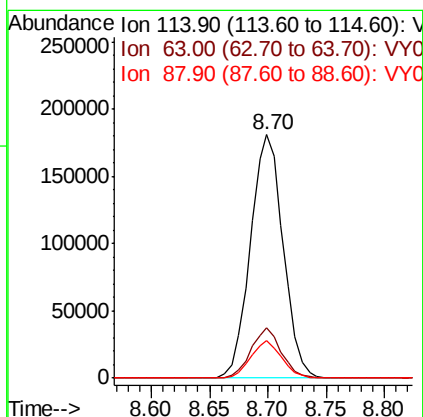
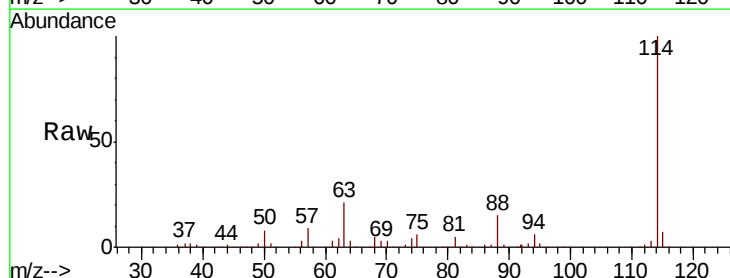
Instrument :
 MSVOA_Y
 ClientSampleId :

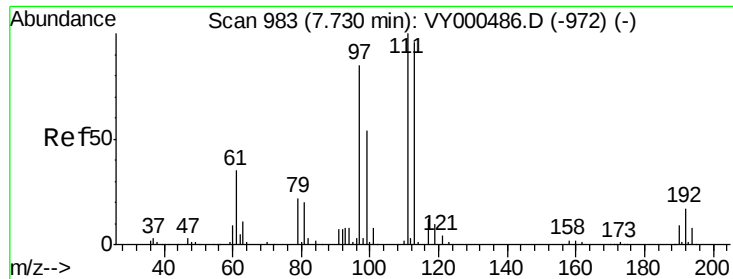
Tot Ion: 65 Resp: 119128
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000551.D
 Acq: 06 Nov 2019 15:10

Tgt Ion: 114 Resp: 354296
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 15.2 0.0 28.6

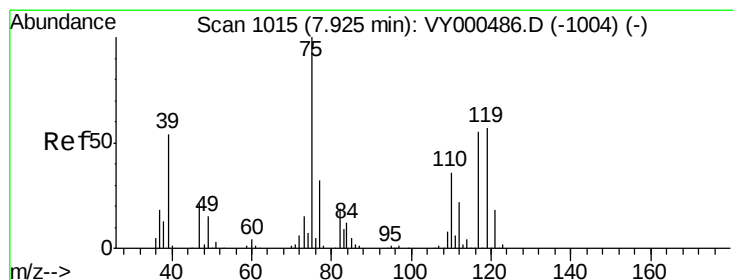
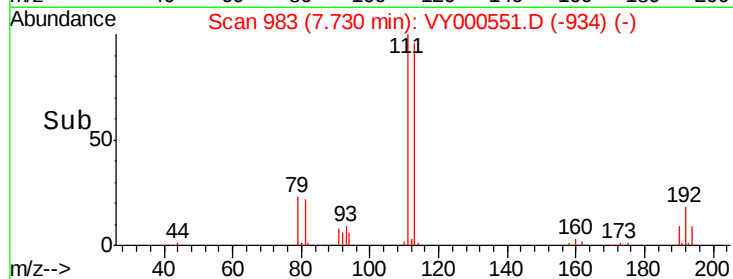
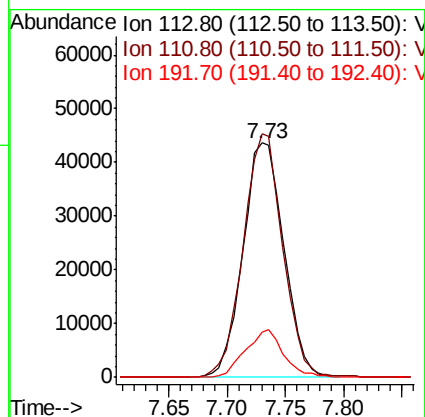
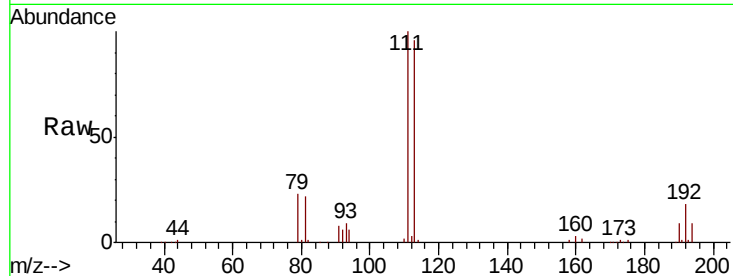




#35
Dibromofluoromethane
Concen: 51.309 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

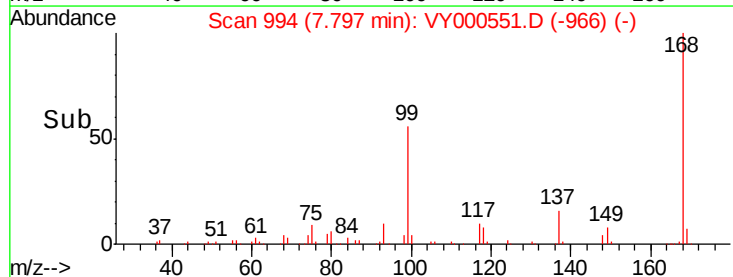
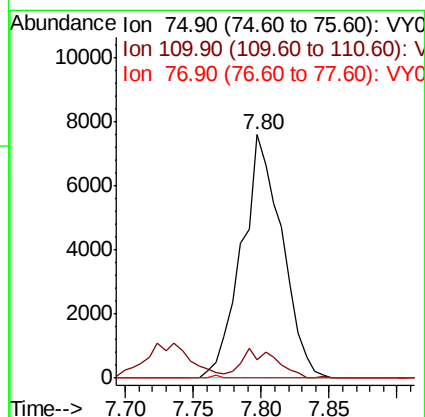
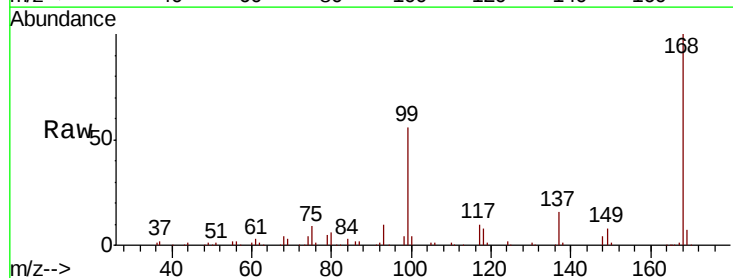
Instrument :
MSVOA_Y
ClientSampled :

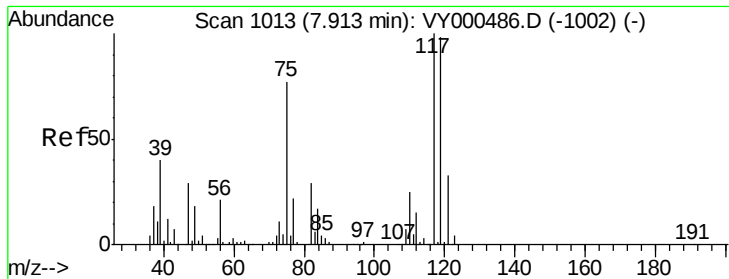
Tot Ion:113 Resp: 106721
Ion Ratio Lower Upper
113 100
111 100.2 81.7 122.5
192 18.9 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

Tgt Ion: 75 Resp: 15659
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.0 37.6#

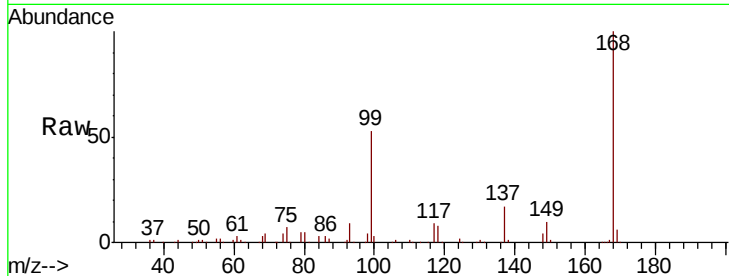




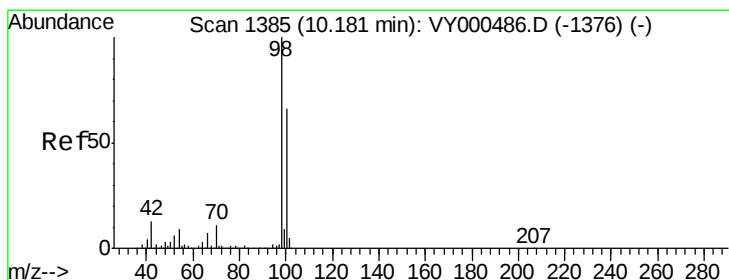
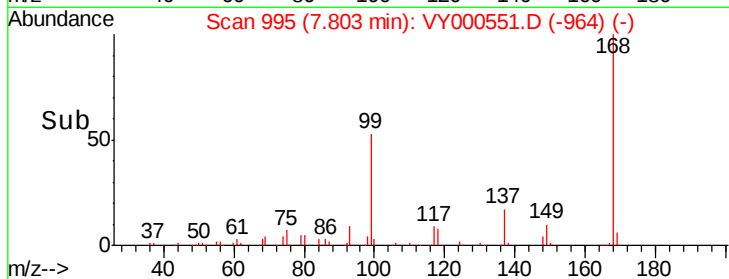
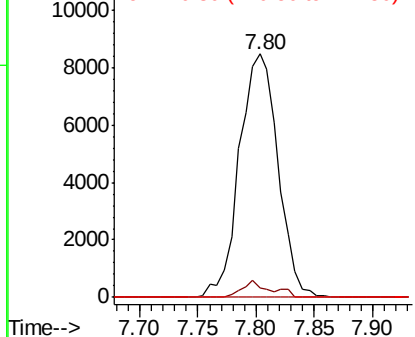
#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 19611
Ion Ratio Lower Upper
117 100
119 3.8 78.0 117.0#
121 0.0 26.6 40.0#

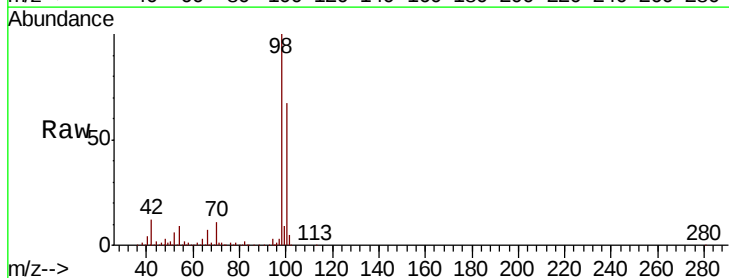


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

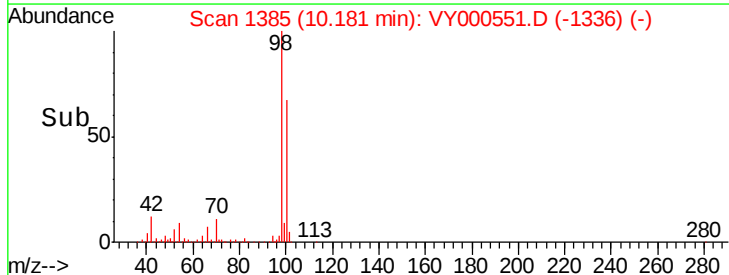
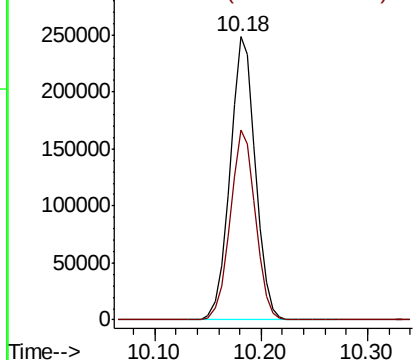


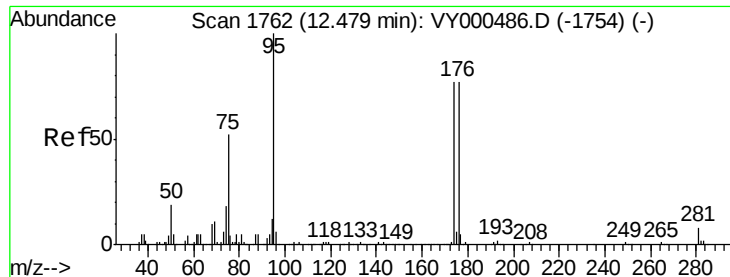
#50
Toluene-d8
Concen: 52.303 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

Tgt Ion: 98 Resp: 412792
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

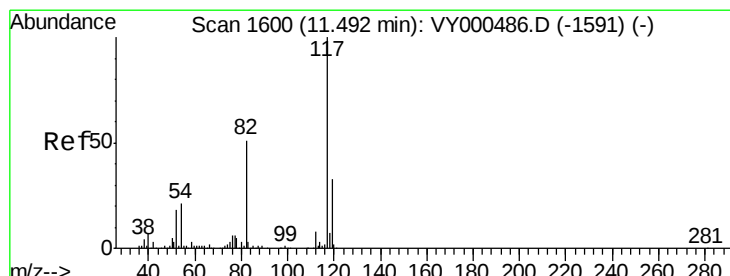
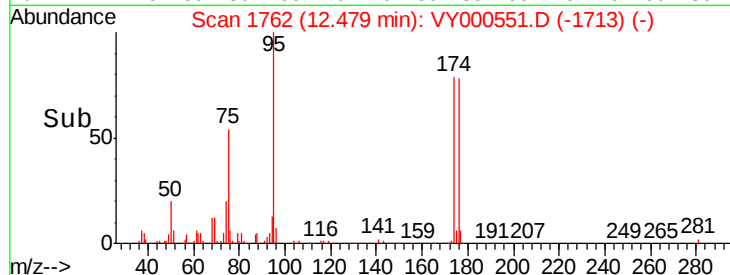
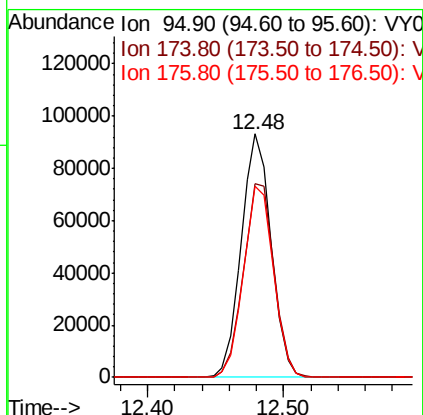
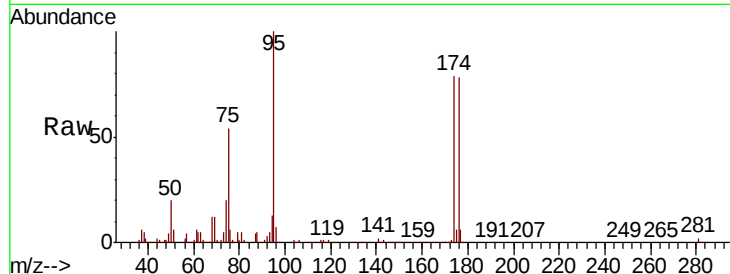




#62
4-Bromofluorobenzene
Concen: 47.512 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

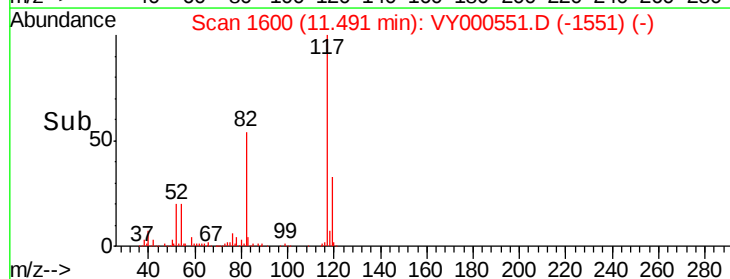
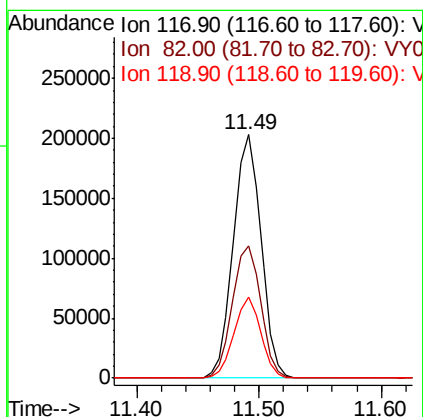
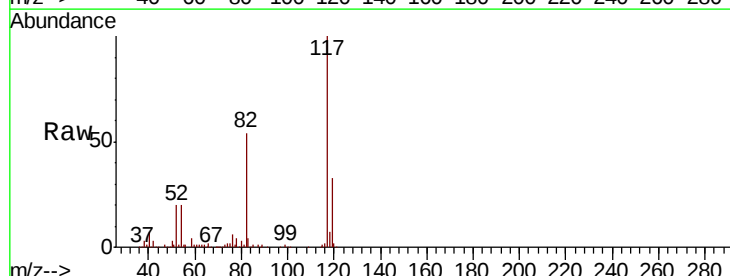
Instrument :
MSVOA_Y
ClientSampleId :

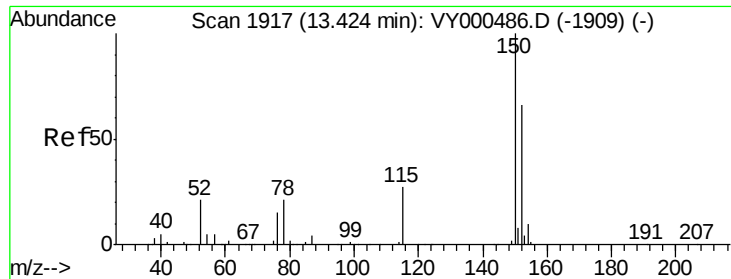
Tot Ion: 95 Resp: 142752
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.6
176 79.4 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

Tgt Ion: 117 Resp: 318604
Ion Ratio Lower Upper
117 100
82 54.2 40.8 61.2
119 33.4 26.2 39.2



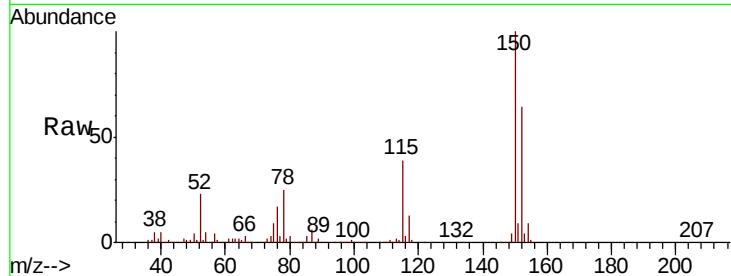


#72

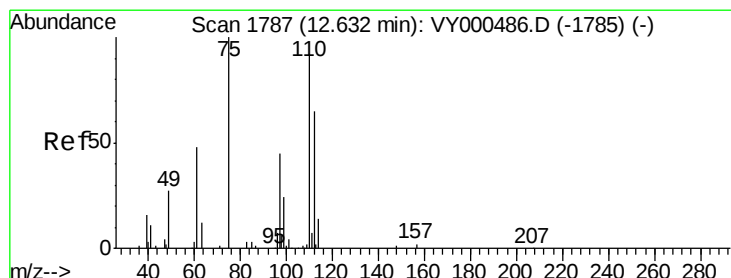
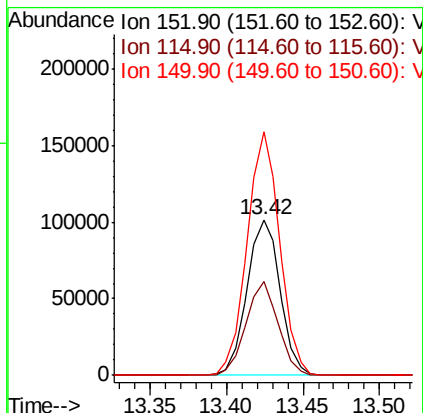
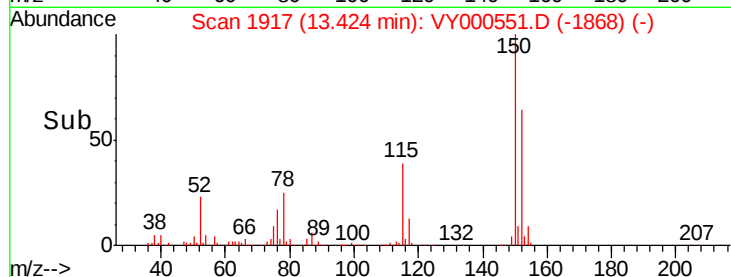
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.4
150	154.3	0.0	348.8



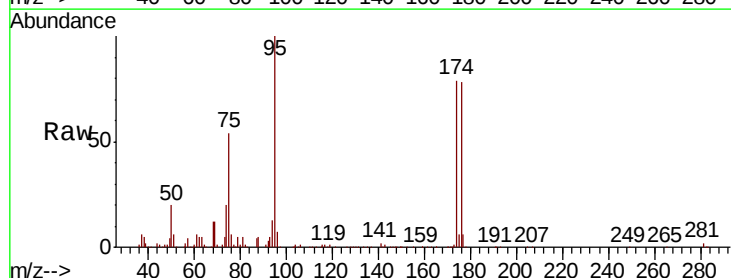
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



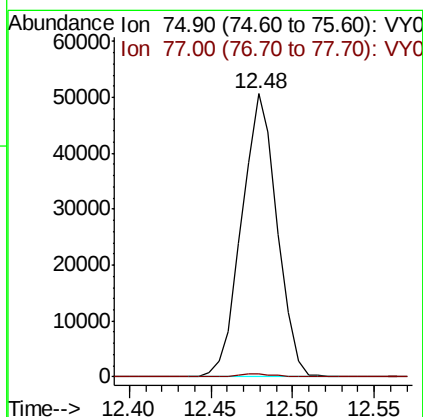
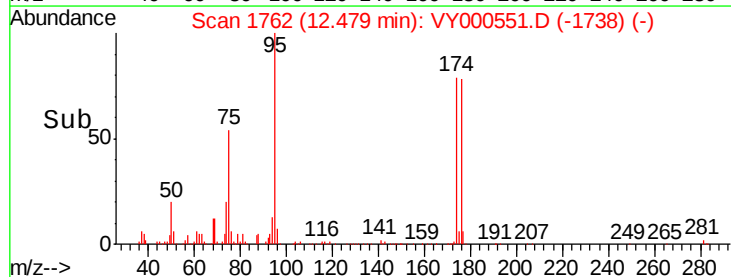
#76

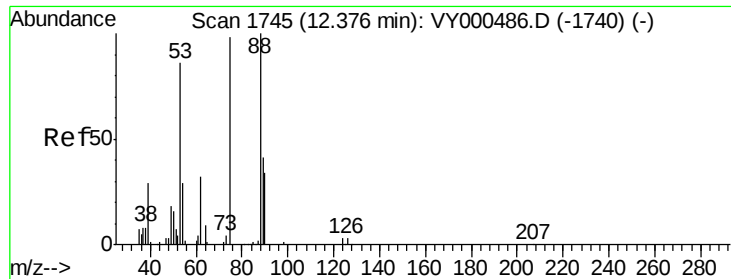
1,2,3-Trichloropropane
Concen: 44.182 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 99.062 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000551.D

Acq: 06 Nov 2019 15:10

Instrument :

MSVOA_Y

ClientSampleId :

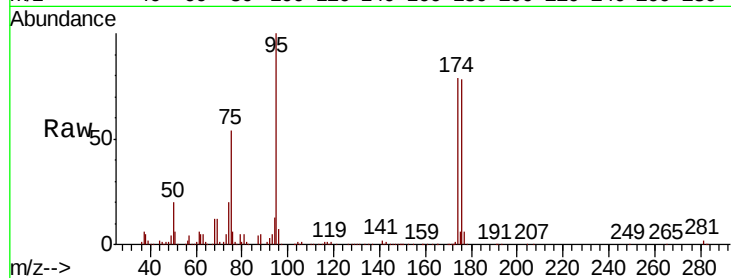
Tot Ion: 75 Resp: 76566

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

