

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 :
 TP- 31-S2

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

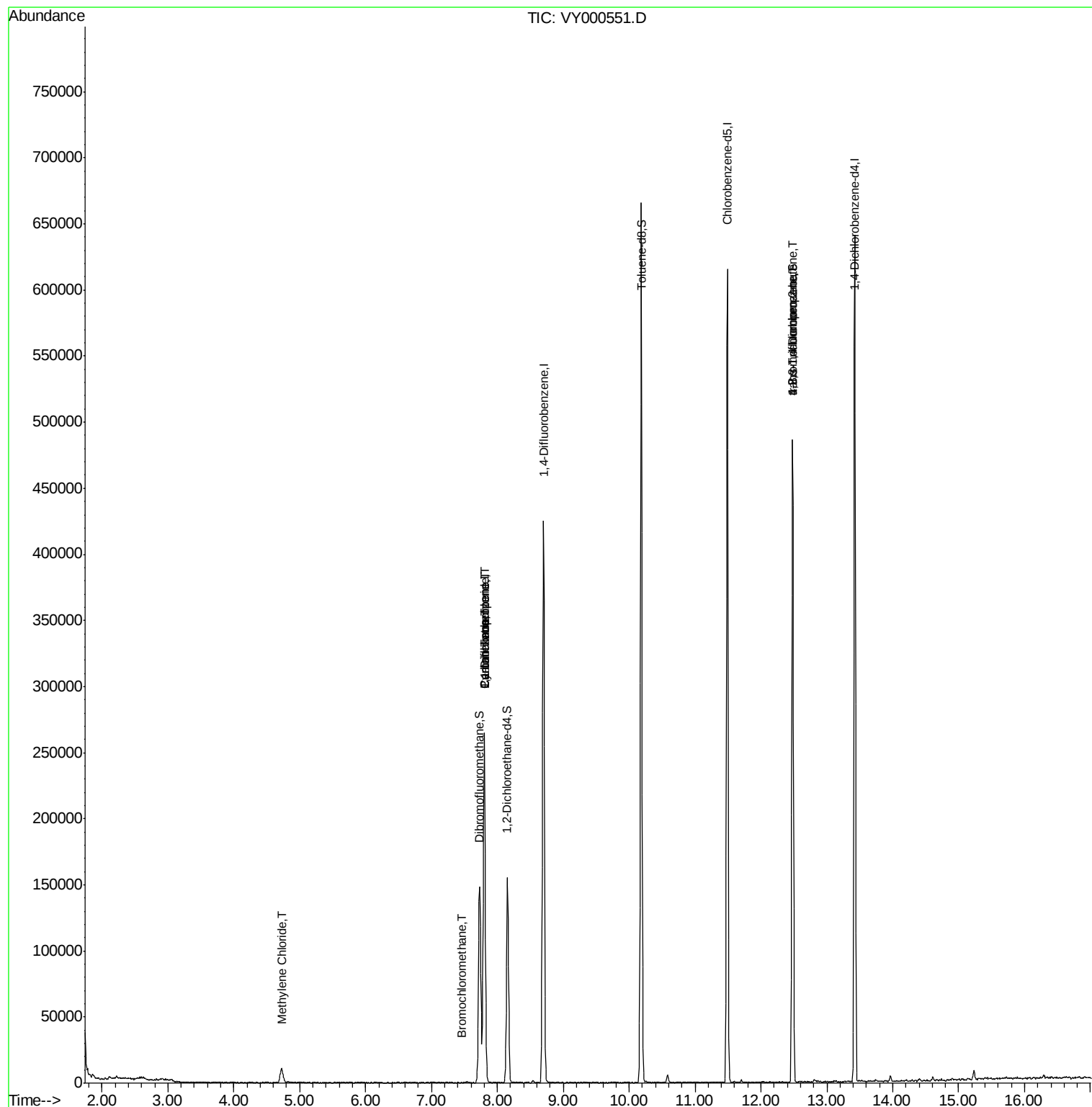
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	318604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152197	50.00	ug/l	0.00
System Monitoring Compounds						
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

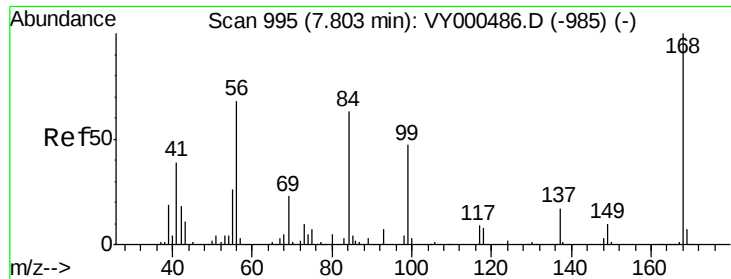
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
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TP- 31-S2

Quant Time: Nov 07 04:56:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#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

ClientSampled :

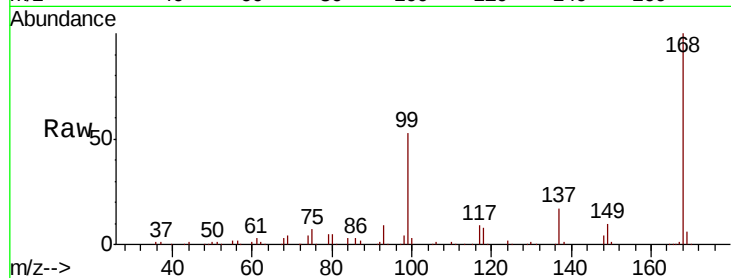
TP- 31-S2

Tot Ion:168 Resp: 200390

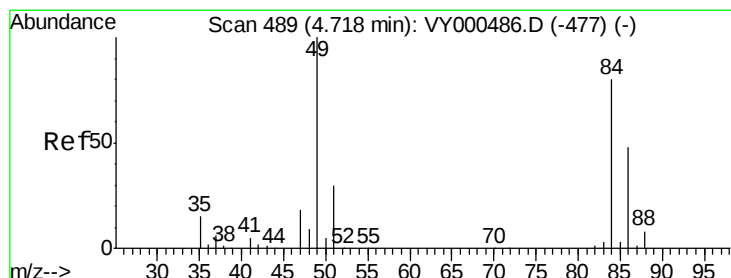
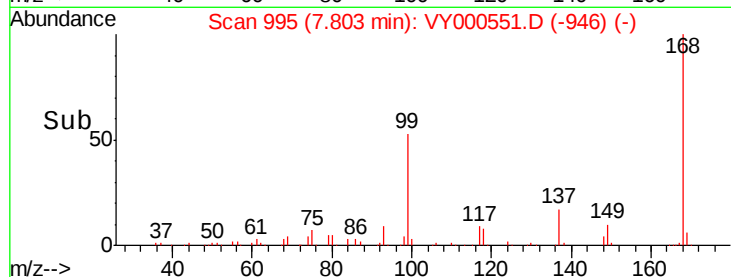
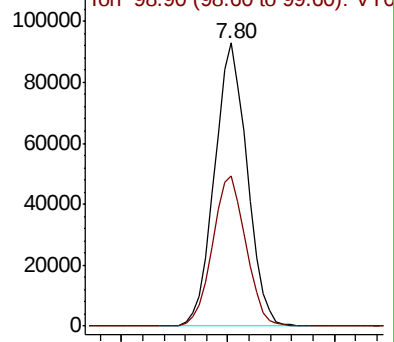
Ion Ratio Lower Upper

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

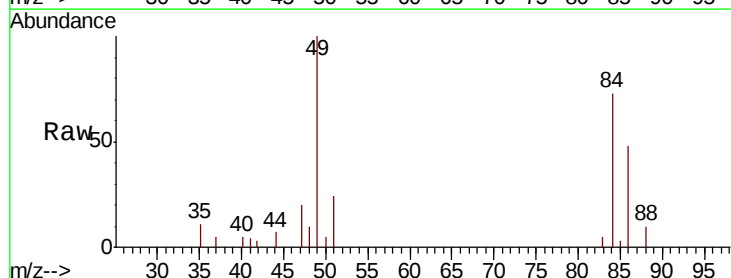
Ion Ratio Lower Upper

84 100

49 136.9 100.2 150.4

51 33.0 29.6 44.4

86 65.2 48.3 72.5

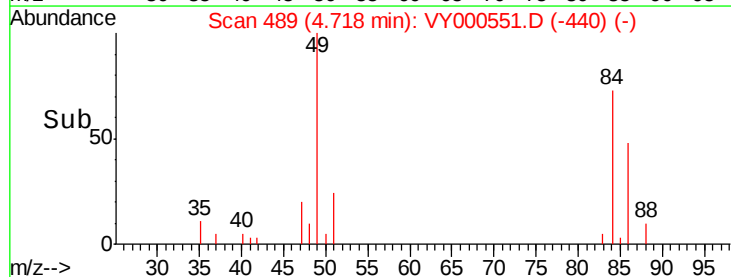
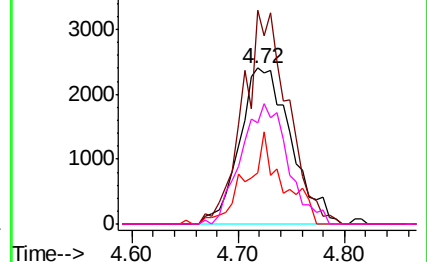


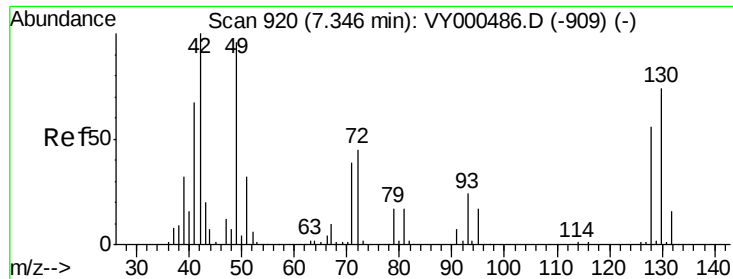
Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000486.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000486.D (-477) (-)

Ion 85.90 (85.60 to 86.60): 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 :

TP- 31-S2

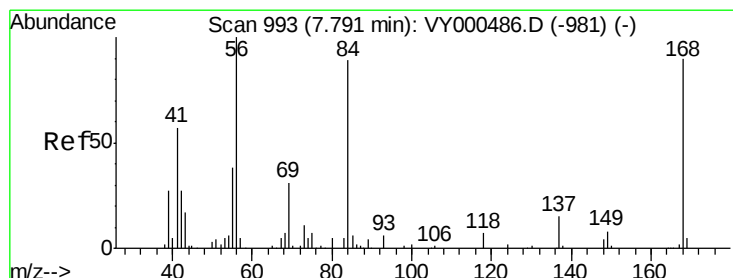
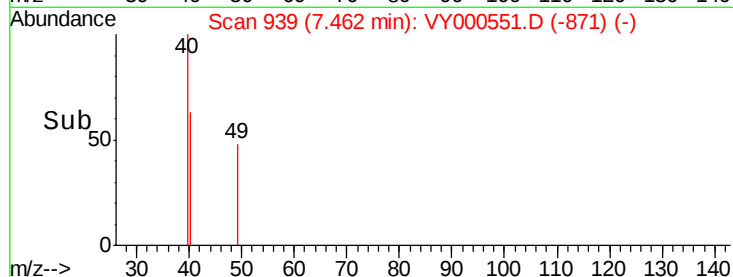
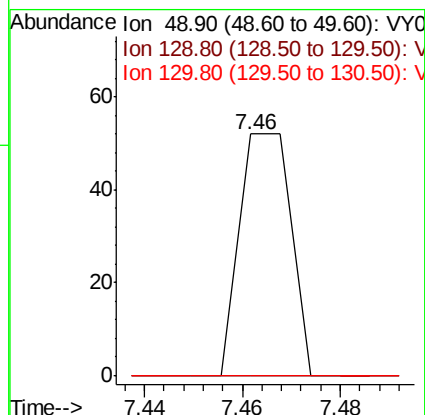
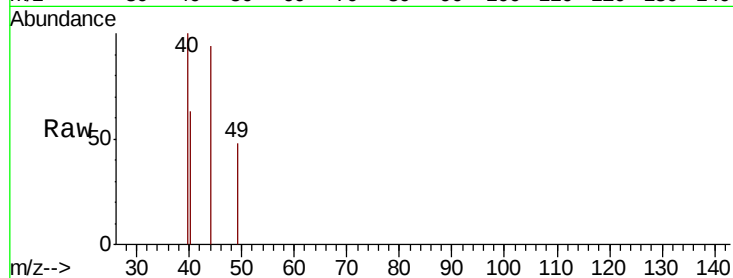
Tot Ion: 49 Resp: 38

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

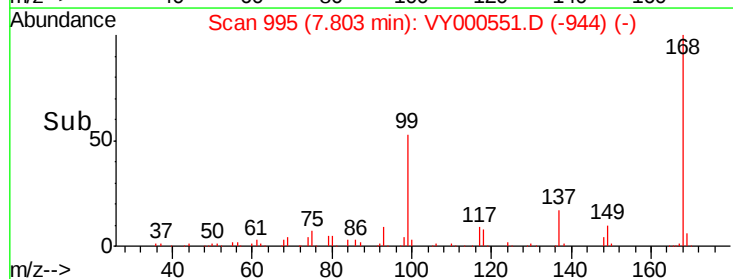
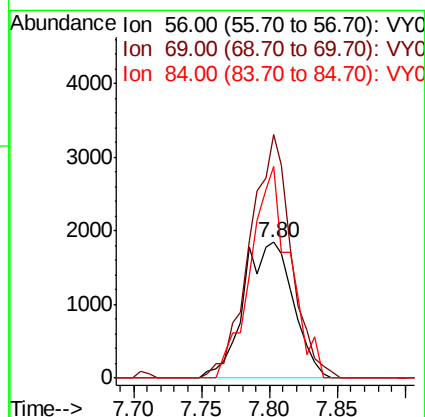
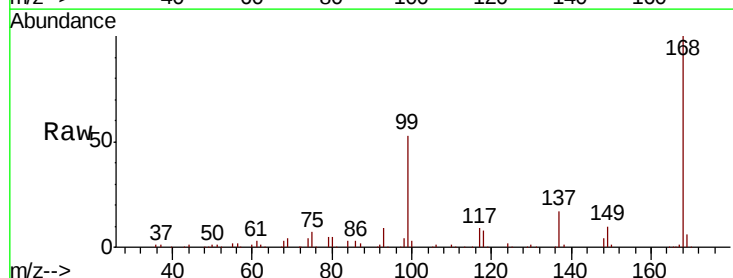
Tgt Ion: 56 Resp: 4728

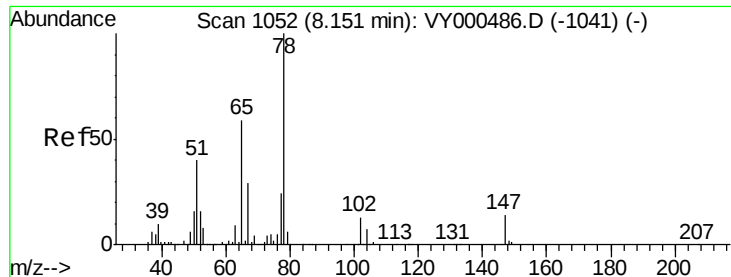
Ion Ratio Lower Upper

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 :

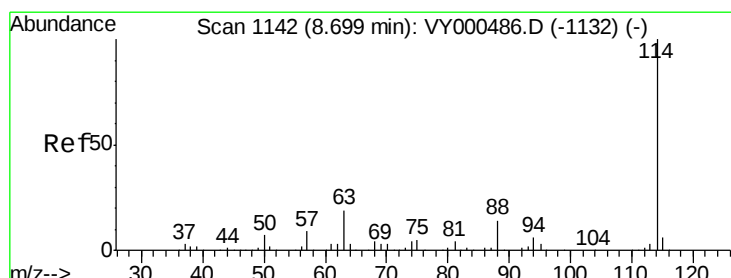
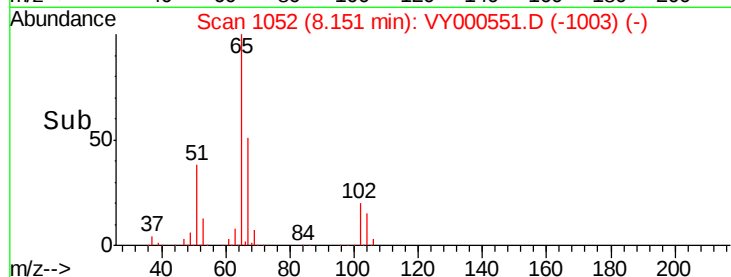
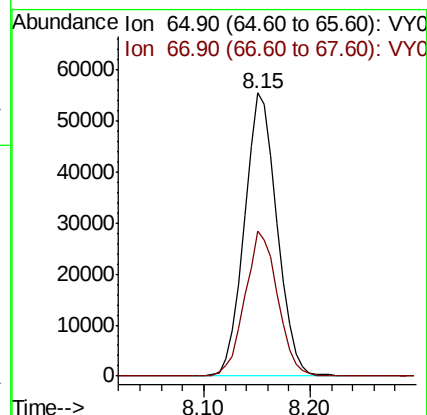
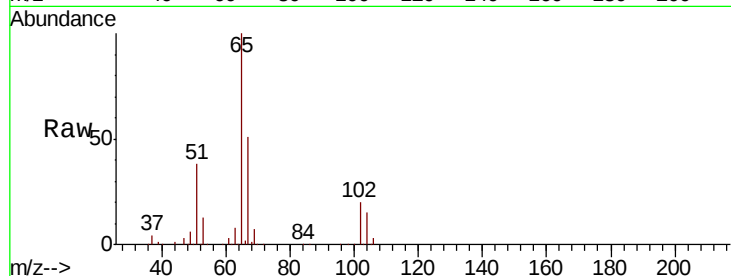
TP- 31-S2

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

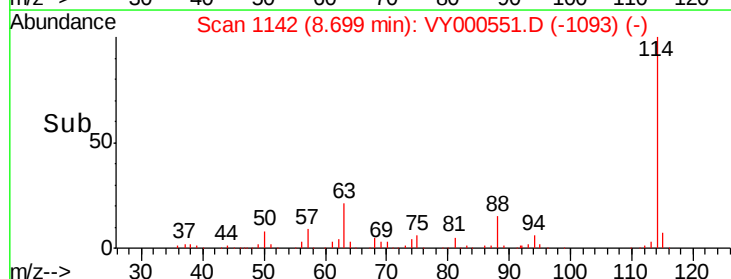
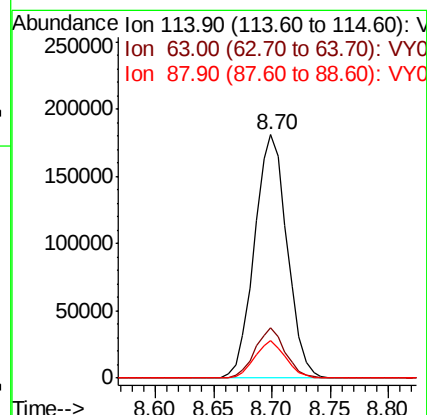
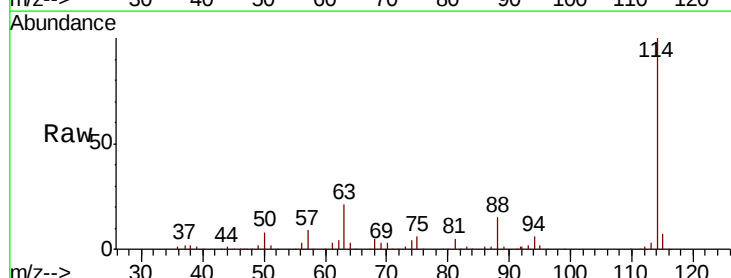
Tgt Ion: 114 Resp: 354296

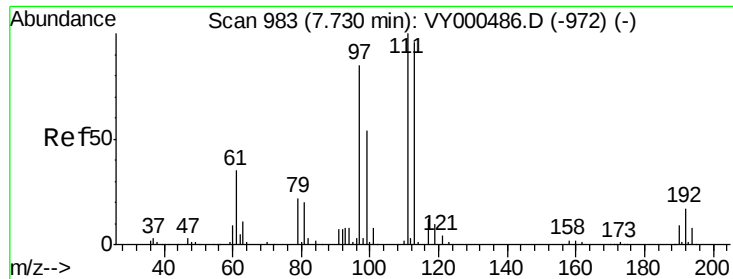
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

88 15.2 0.0 28.6

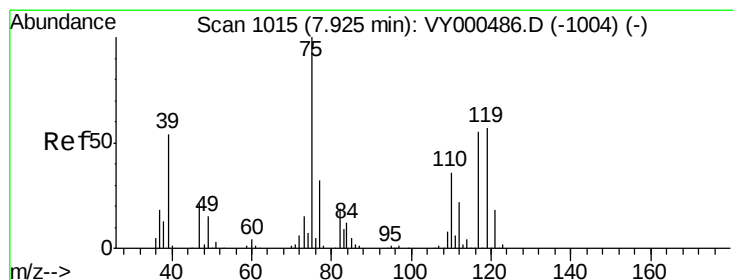
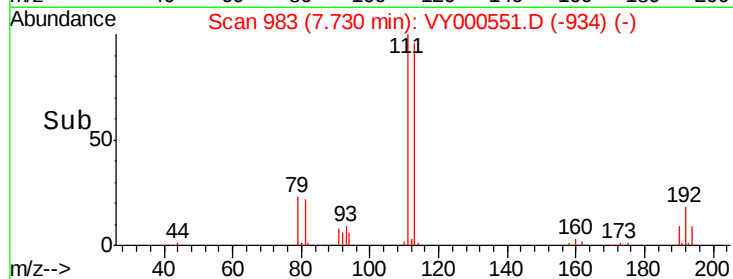
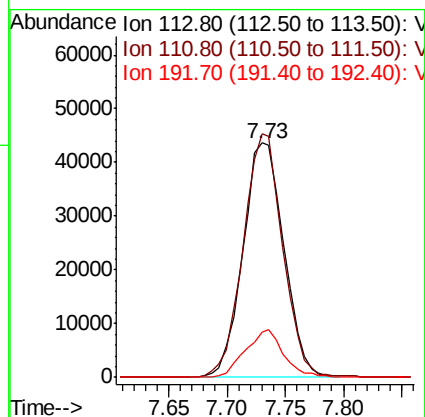
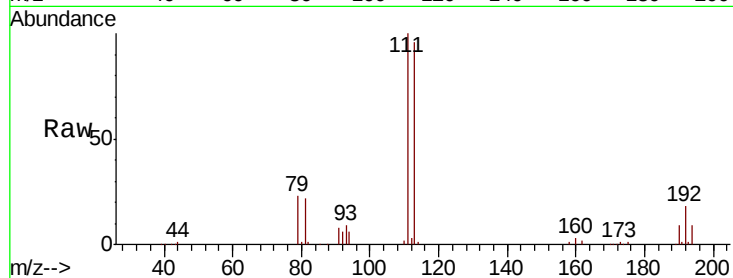




#35
 Dibromofluoromethane
 Concen: 51.309 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000551.D
 Acq: 06 Nov 2019 15:10

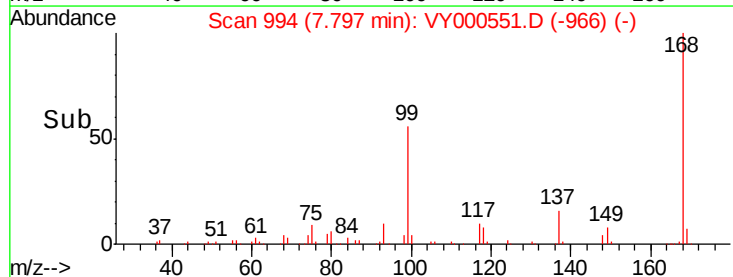
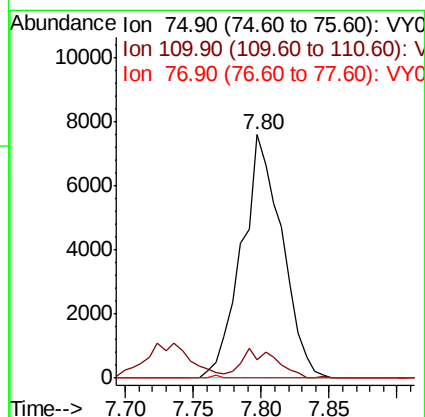
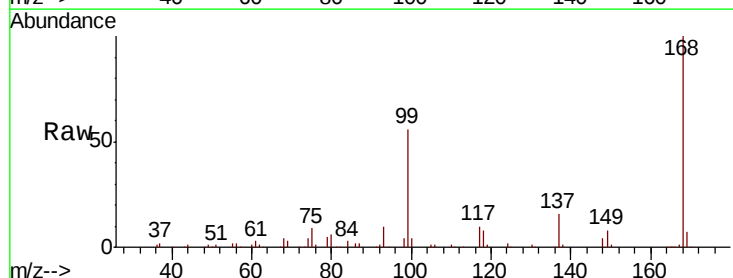
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP- 31-S2

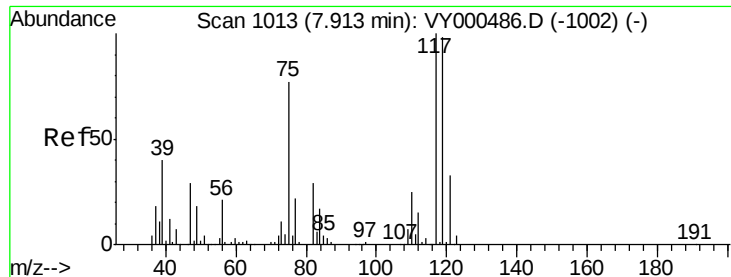
Tot Ion:113 Resp: 106721
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.7 122.5
 192 18.9 15.0 22.4



#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 :

TP- 31-S2

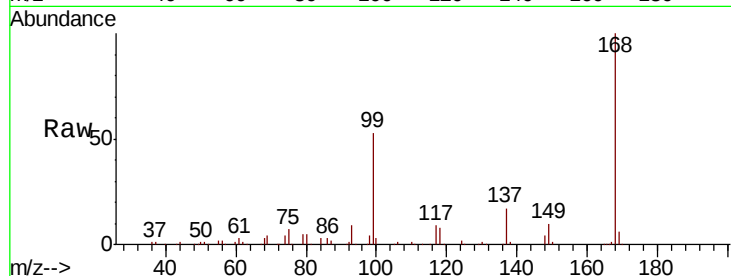
Tot Ion:117 Resp: 19611

Ion Ratio Lower Upper

117 100

119 3.8 78.0 117.0#

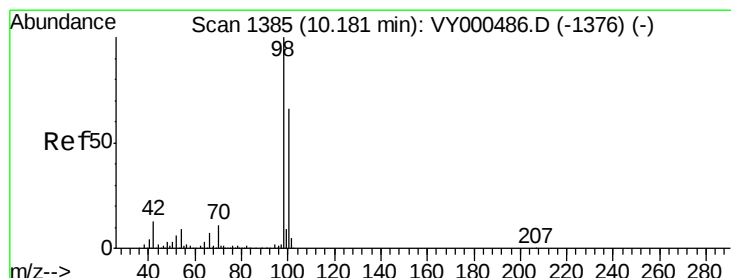
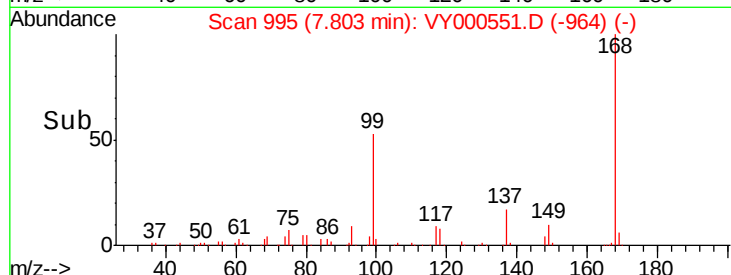
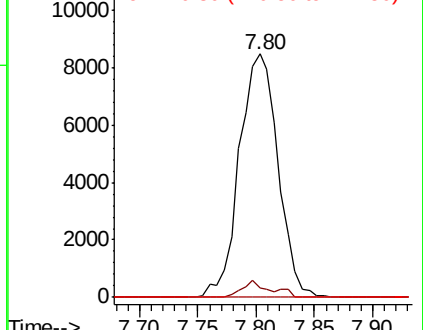
121 0.0 26.6 40.0#



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

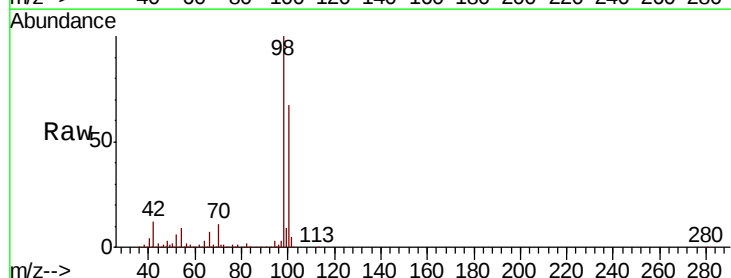
Acq: 06 Nov 2019 15:10

Tgt Ion: 98 Resp: 412792

Ion Ratio Lower Upper

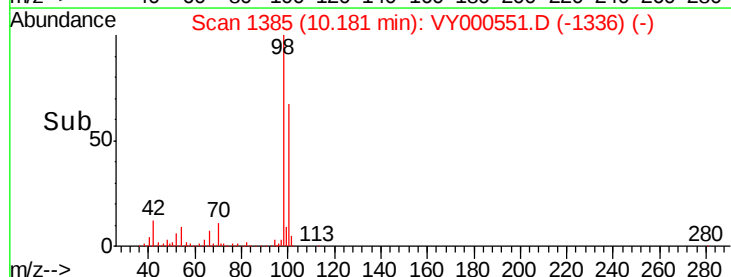
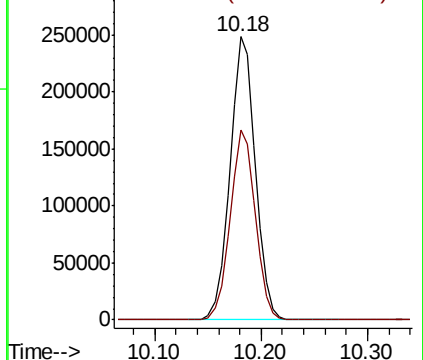
98 100

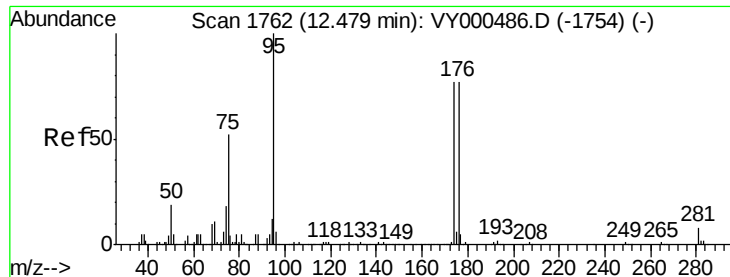
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

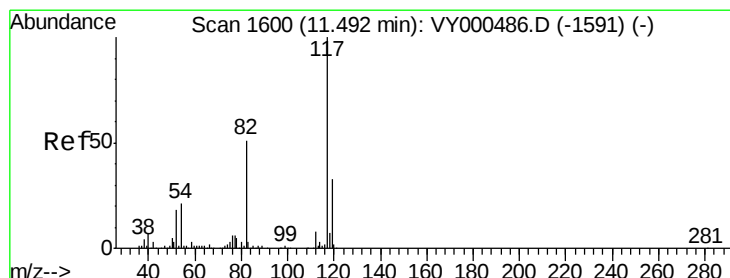
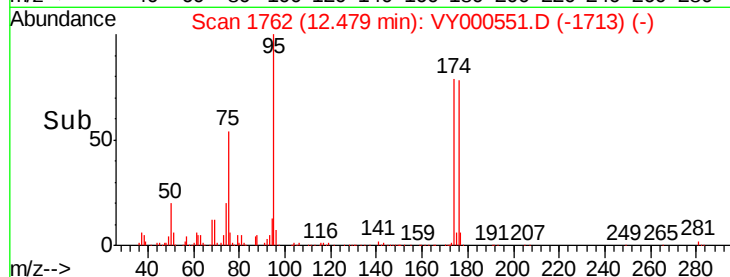
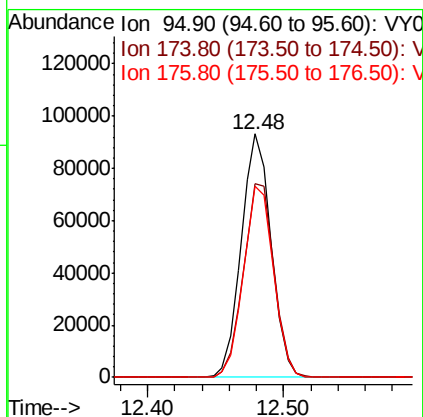
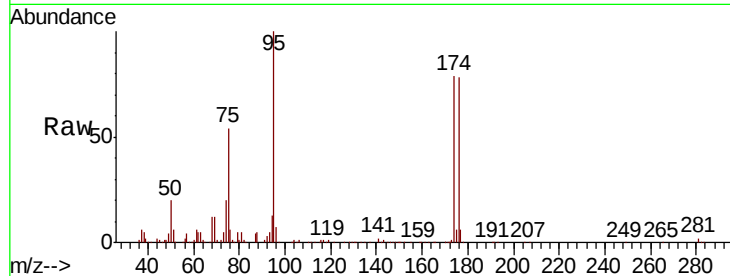




#62
4-Bromofluorobenzene
Concen: 47.512 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000551.D
Acq: 06 Nov 2019 15:10

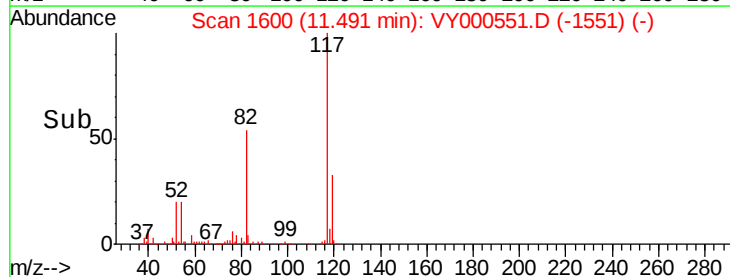
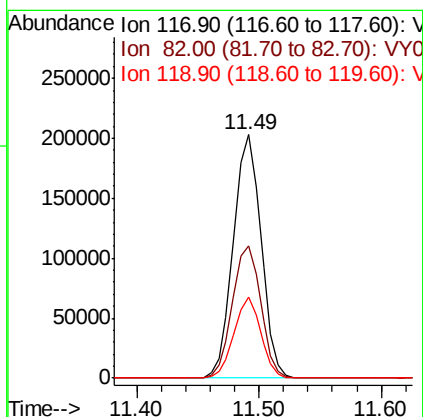
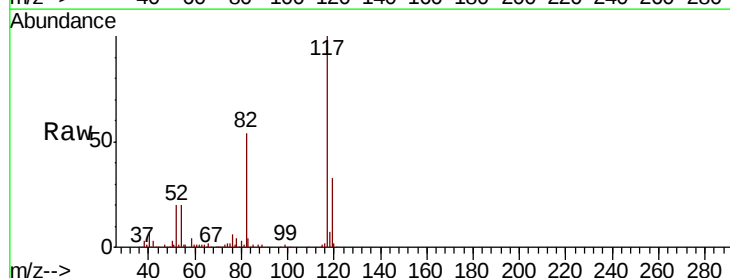
Instrument :
MSVOA_Y
ClientSampleId :
TP- 31-S2

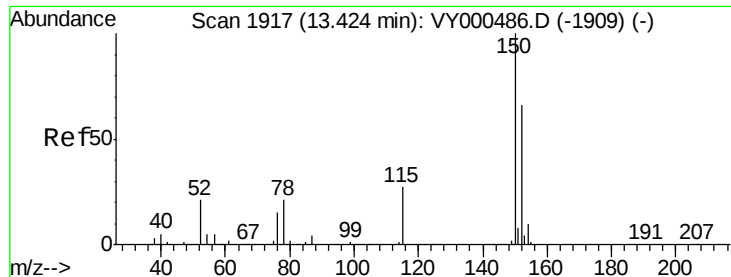
Tot Ion: 95 Resp: 142752
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.6
176 79.4 0.0 157.8



#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 :

TP- 31-S2

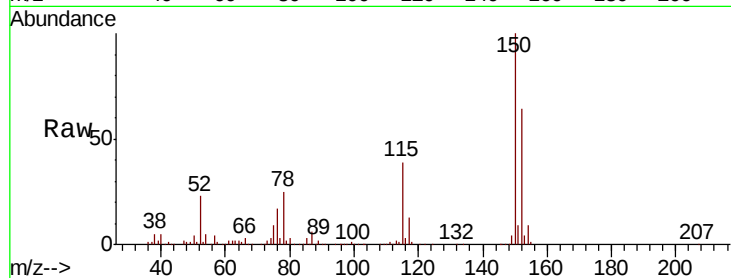
Tot Ion:152 Resp: 152197

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.4

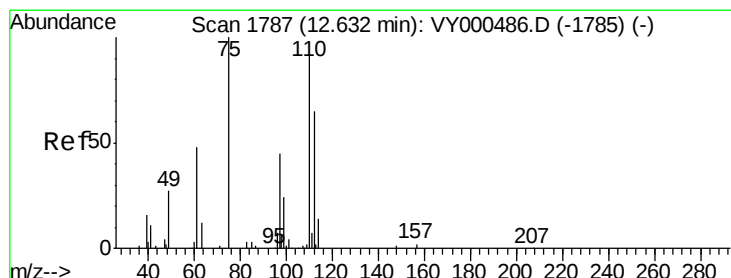
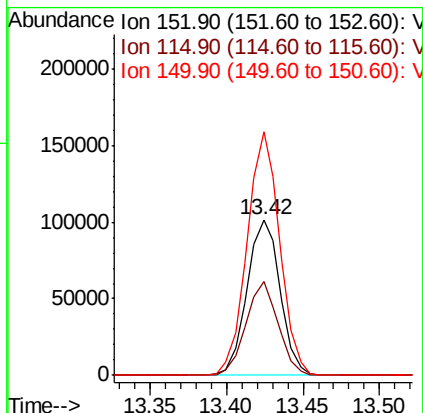
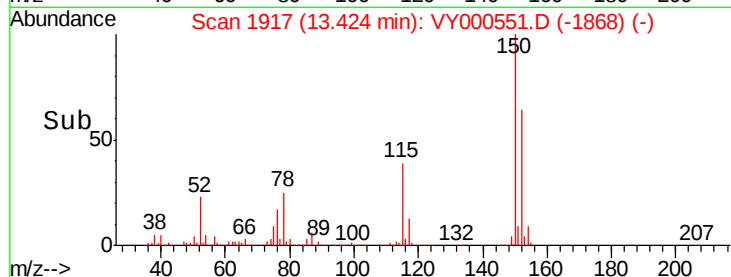
150 154.3 0.0 348.8



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

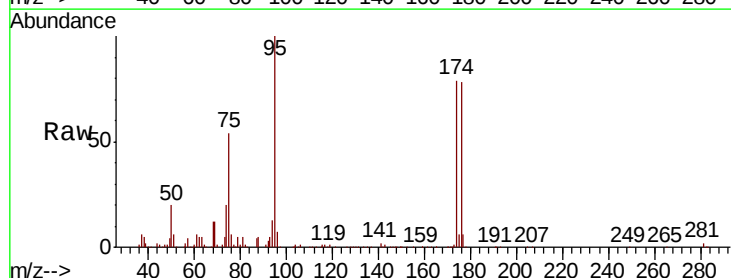
Acq: 06 Nov 2019 15:10

Tgt Ion: 75 Resp: 76566

Ion Ratio Lower Upper

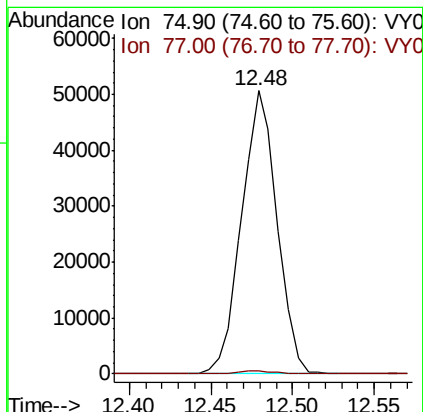
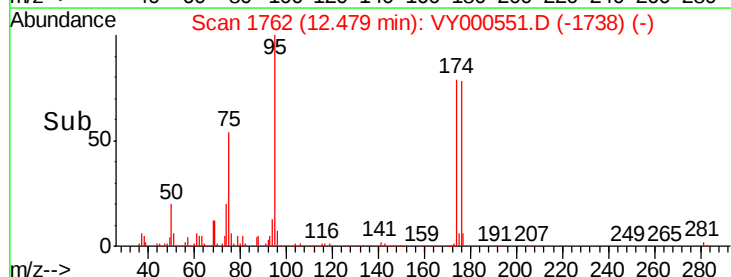
75 100

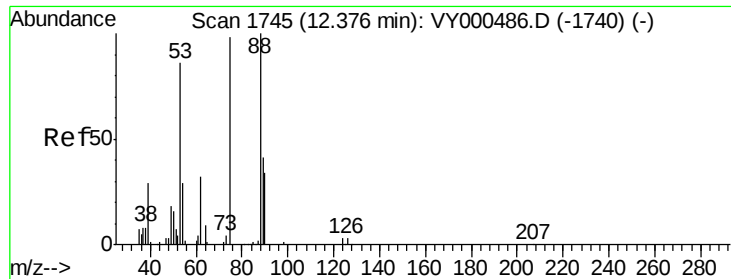
77 1.2 0.0 0.0#



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 :

TP- 31-S2

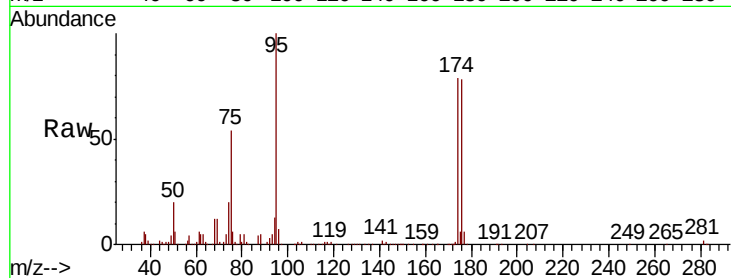
Tot Ion: 75 Resp: 76566

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

