

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000900.D
 Acq On : 06 Dec 2019 14:40
 Operator : SY/MD
 Sample : K6187-08
 Misc : 5.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 17:23:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

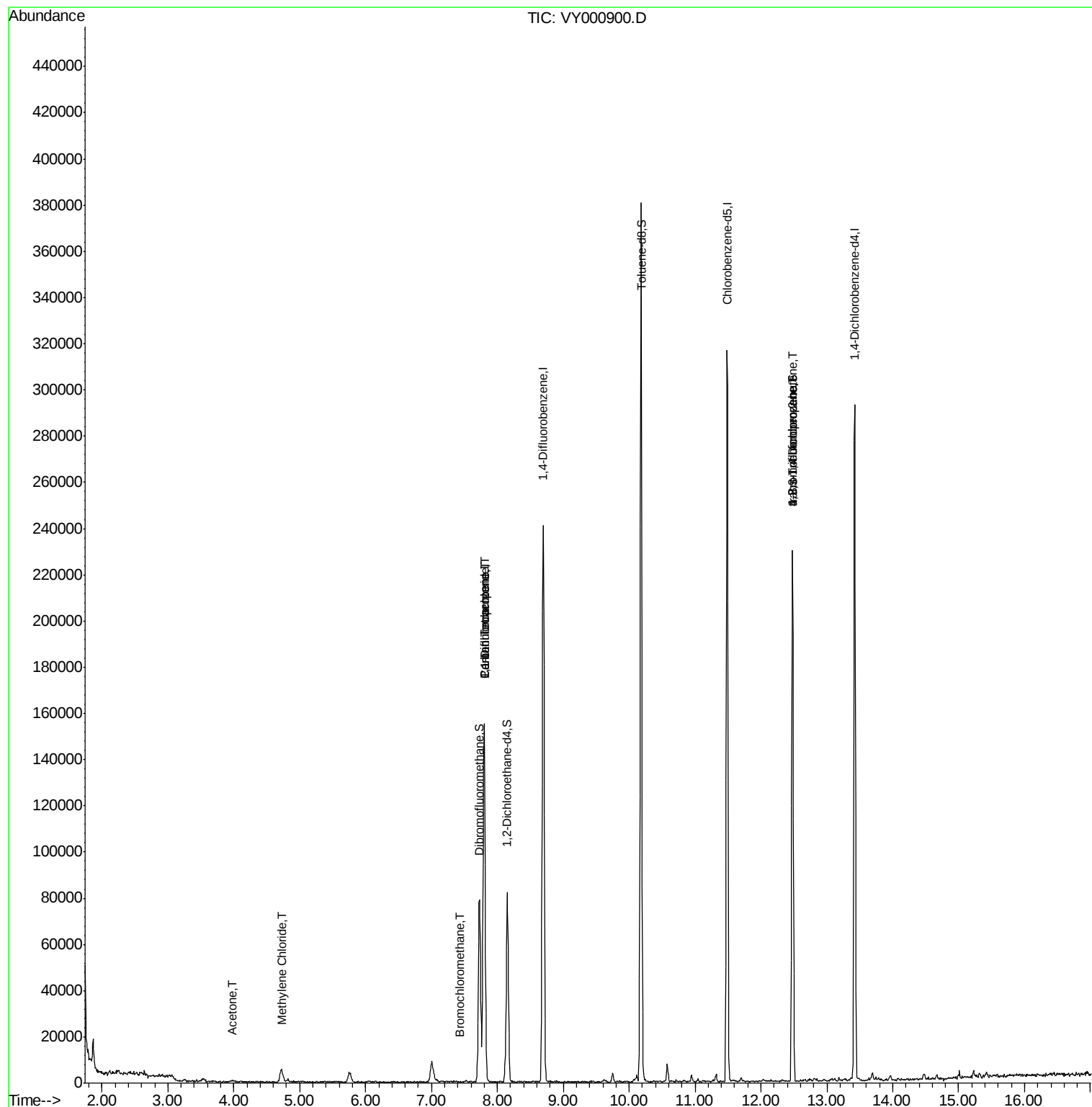
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	123003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	210040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	168669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	72399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60167	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	7.72	113	57663	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	10.18	98	244324	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.48	95	70963	38.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.22%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.65	94	92	Below Cal	#	67
16) Acetone	3.97	43	995	3.319	ug/l	95
20) Methylene Chloride	4.72	84	4034	2.552	ug/l	94
28) Bromochloromethane	7.44	49	24	2.039	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	10237	4.902	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12414	6.675	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	37260	45.424	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	37260	89.225	ug/l #	17

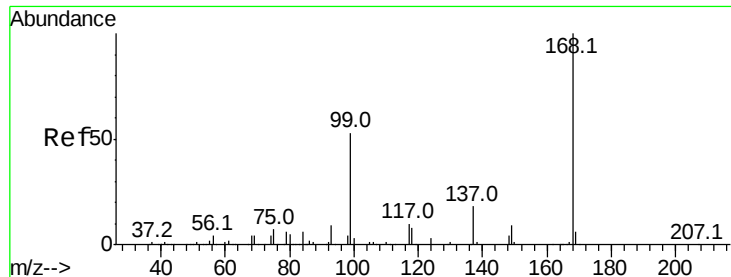
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
Data File : VY000900.D
Acq On : 06 Dec 2019 14:40
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MSVOA_Y
ClientSampleId :

Quant Time: Dec 06 17:23:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 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: VY000900.D

Acq: 06 Dec 2019 14:40

Instrument :

MSVOA_Y

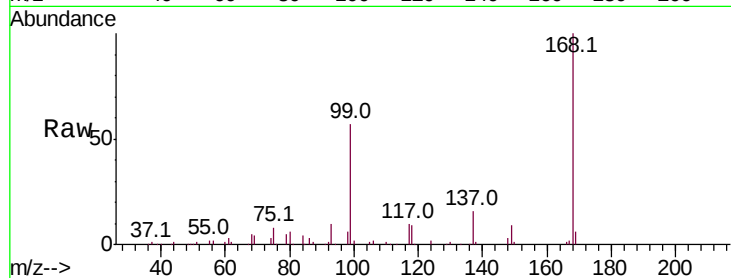
ClientSampleId :

Tot Ion:168 Resp: 123003

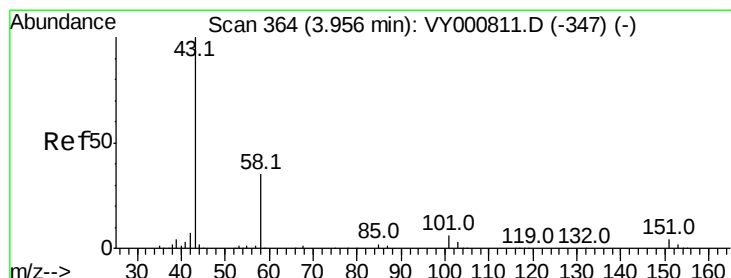
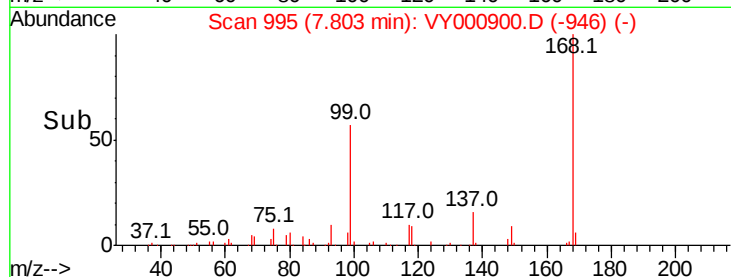
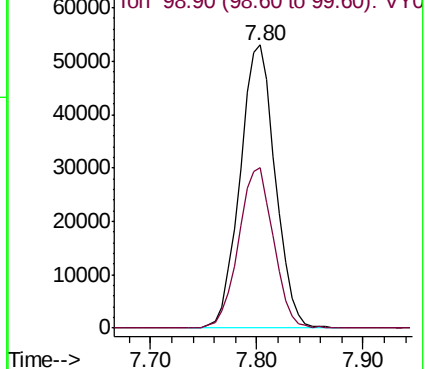
Ion Ratio Lower Upper

168 100

99 56.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000900.D (-946) (-)



#16

Acetone

Concen: 3.319 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000900.D

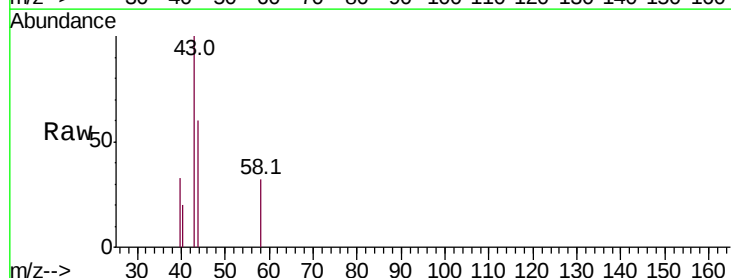
Acq: 06 Dec 2019 14:40

Tgt Ion: 43 Resp: 995

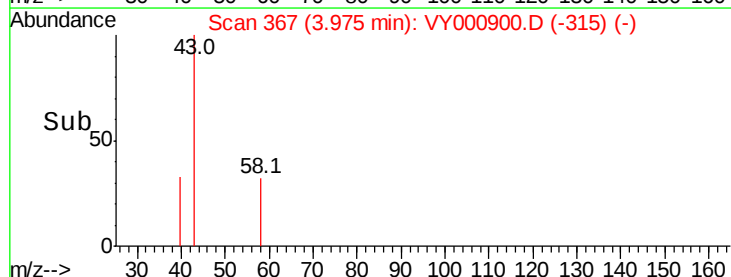
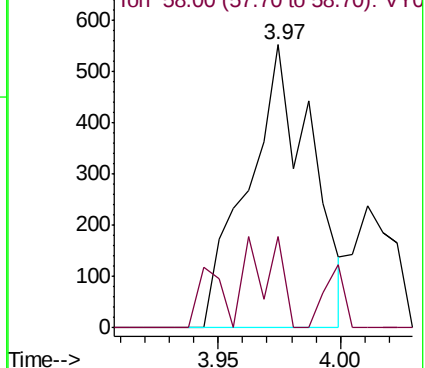
Ion Ratio Lower Upper

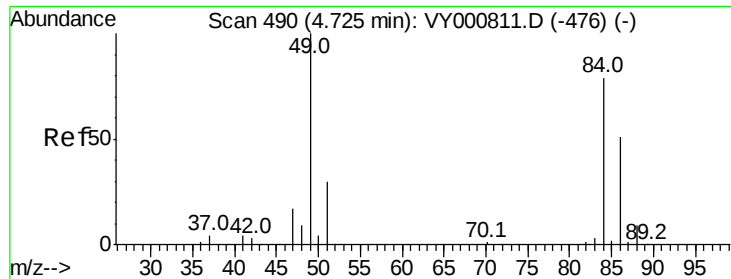
43 100

58 32.2 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000900.D (-315) (-)

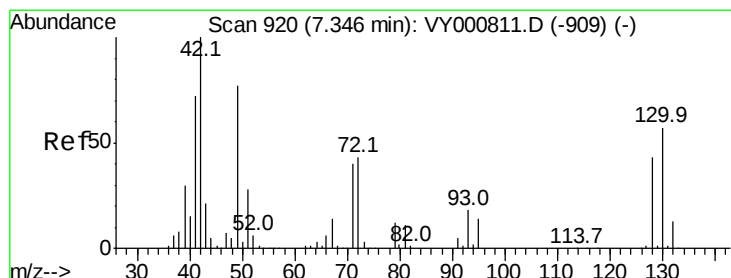
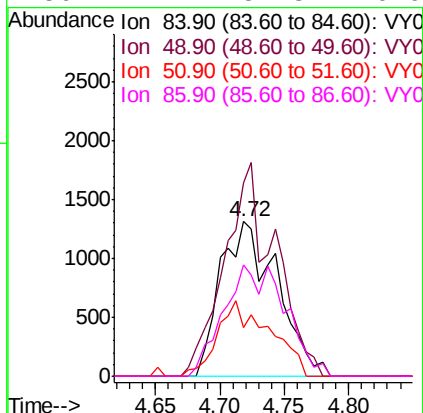
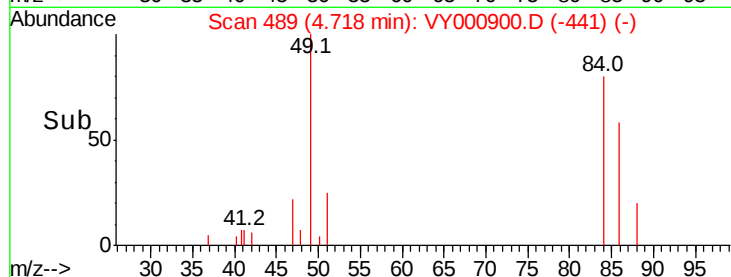
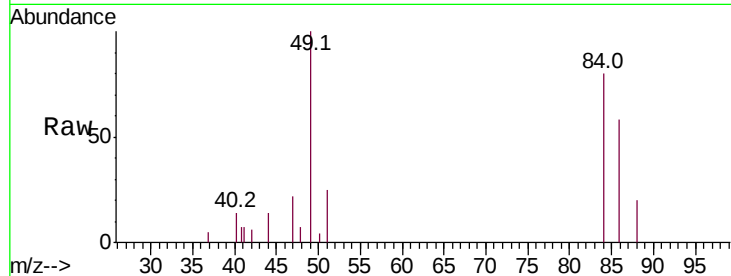




#20
Methylene Chloride
Concen: 2.552 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000900.D
Acq: 06 Dec 2019 14:40

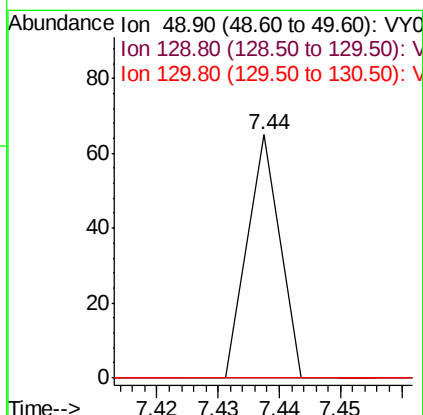
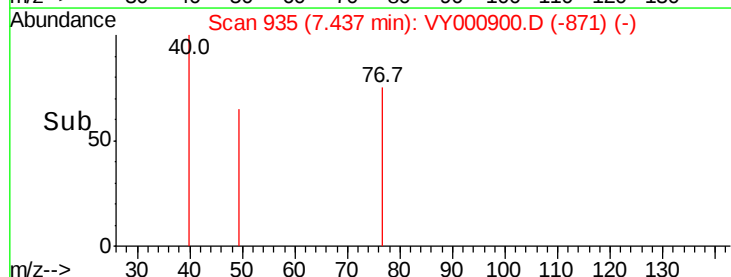
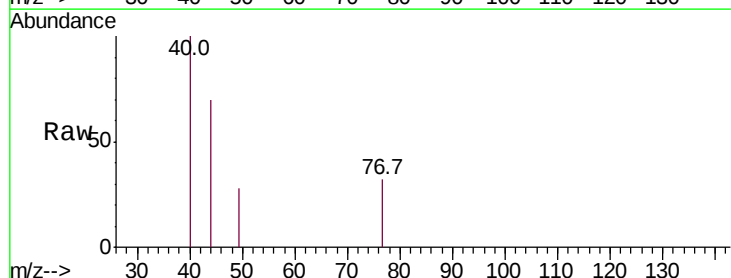
Instrument :
MSVOA_Y
ClientSampleId :

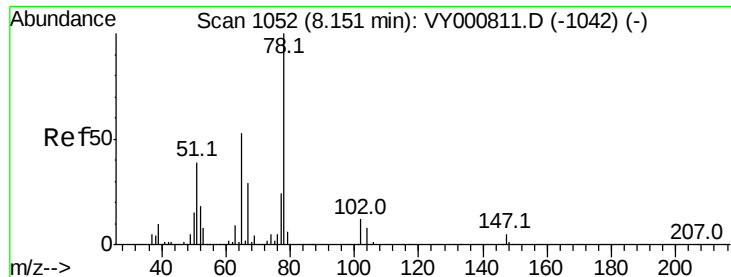
Tot Ion: 84 Resp: 4034
Ion Ratio Lower Upper
84 100
49 125.0 101.3 151.9
51 31.3 30.6 45.8
86 72.2 51.3 76.9



#28
Bromochloromethane
Concen: 2.039 ug/l
RT: 7.44 min Scan# 935
Delta R.T. 0.09 min
Lab File: VY000900.D
Acq: 06 Dec 2019 14:40

Tgt Ion: 49 Resp: 24
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#





#33

1,2-Dichloroethane-d4

Concen: 46.034 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

Instrument :

MSVOA_Y

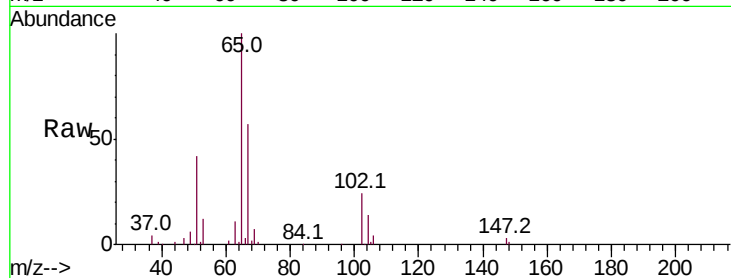
ClientSampleId :

Tot Ion: 65 Resp: 60167

Ion Ratio Lower Upper

65 100

67 57.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)

8.15

30000

25000

20000

15000

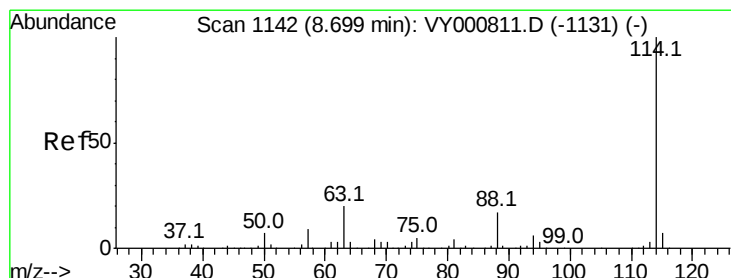
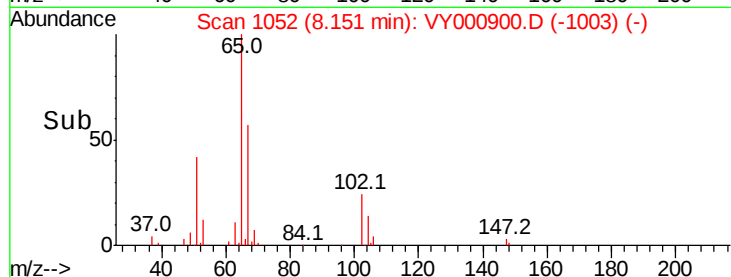
10000

5000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

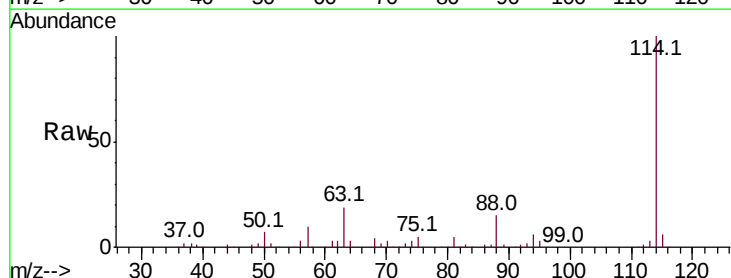
Tgt Ion: 114 Resp: 210040

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.8

88 15.4 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VY000811.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY000811.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY000811.D (-1131) (-)

8.70

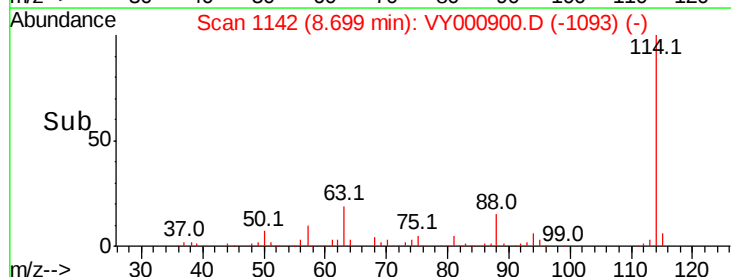
100000

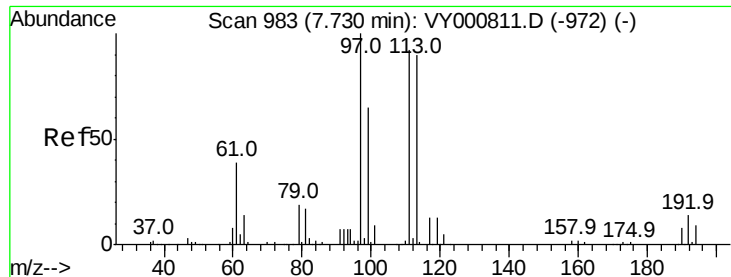
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

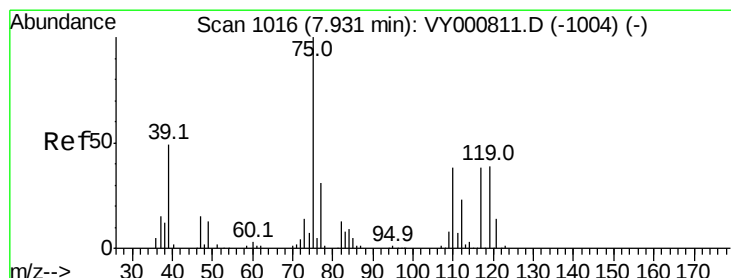
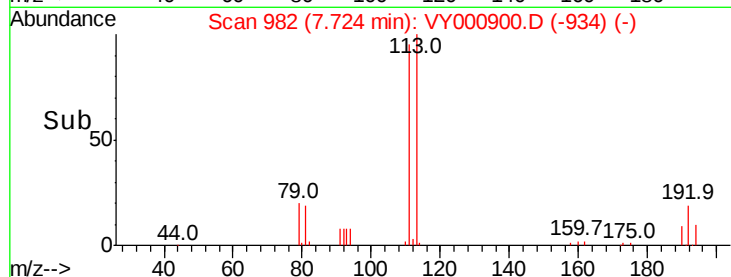
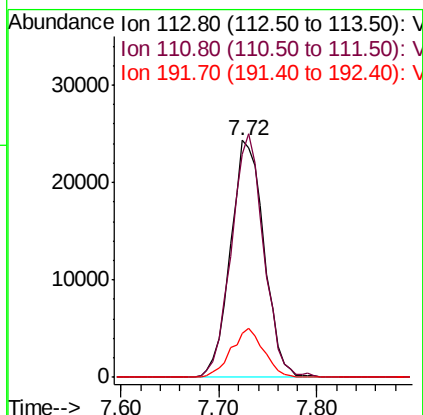
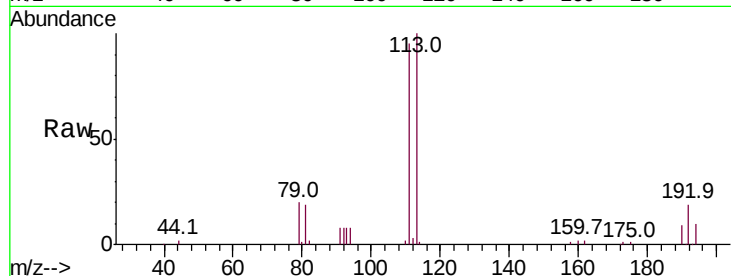




#35
Dibromofluoromethane
Concen: 47.106 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000900.D
Acq: 06 Dec 2019 14:40

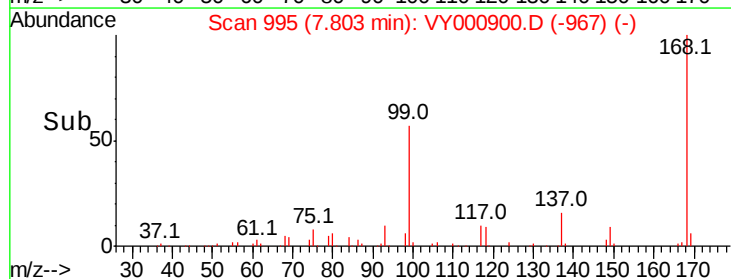
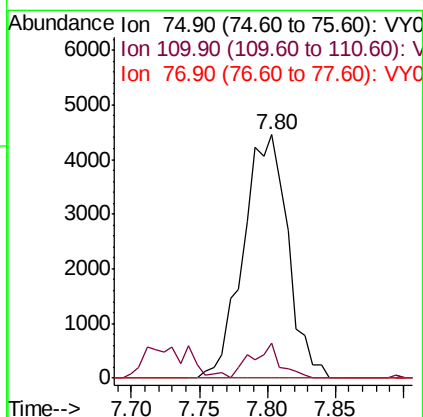
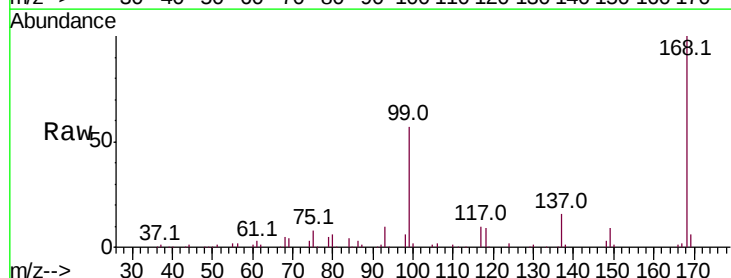
Instrument :
MSVOA_Y
ClientSampleId :

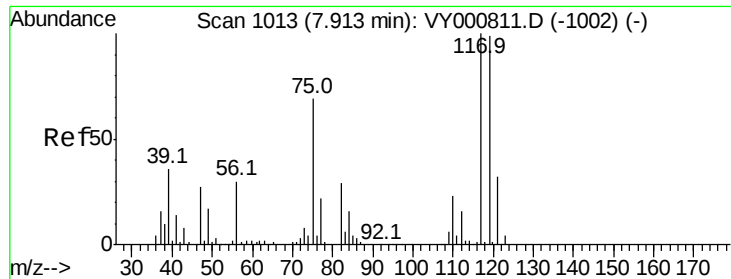
Tot Ion:113 Resp: 57663
Ion Ratio Lower Upper
113 100
111 99.3 82.4 123.6
192 20.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000900.D
Acq: 06 Dec 2019 14:40

Tgt Ion: 75 Resp: 10237
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.7#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.675 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

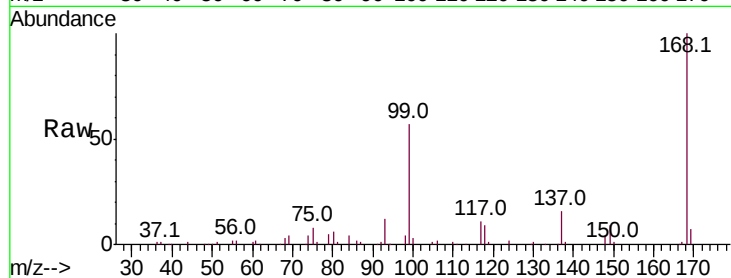
Tot Ion:117 Resp: 12414

Ion Ratio Lower Upper

117 100

119 5.6 79.3 118.9#

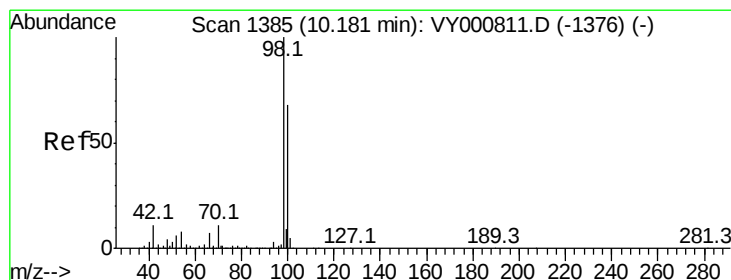
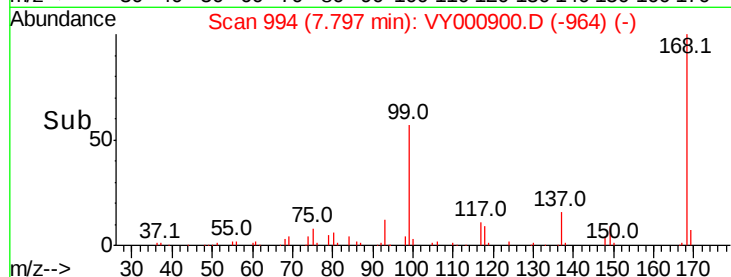
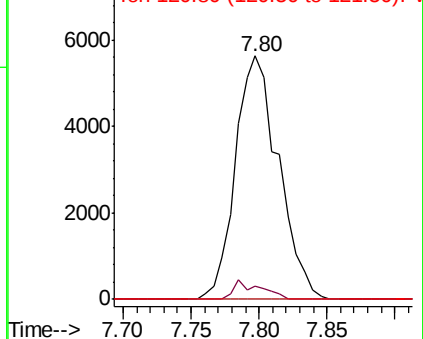
121 0.0 25.5 38.3#



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: 49.924 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000900.D

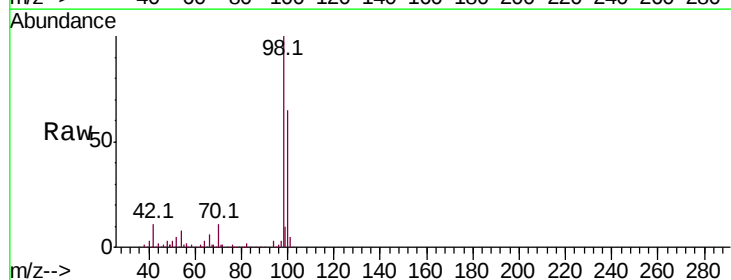
Acq: 06 Dec 2019 14:40

Tgt Ion: 98 Resp: 244324

Ion Ratio Lower Upper

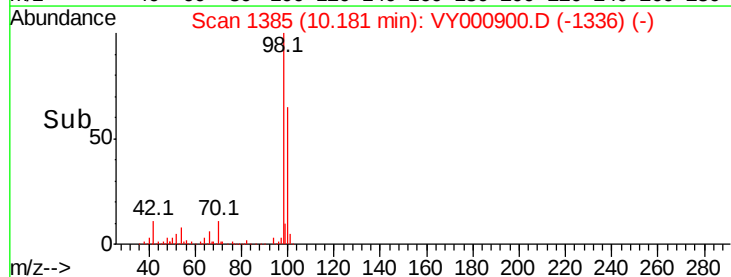
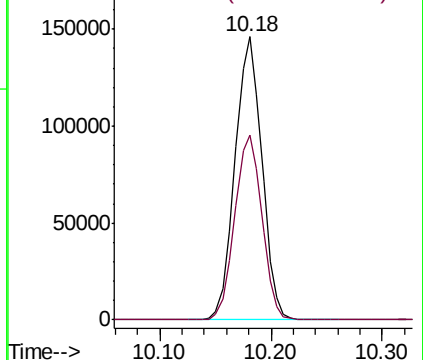
98 100

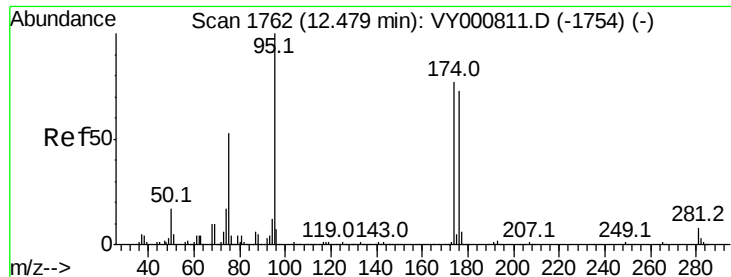
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 38.610 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

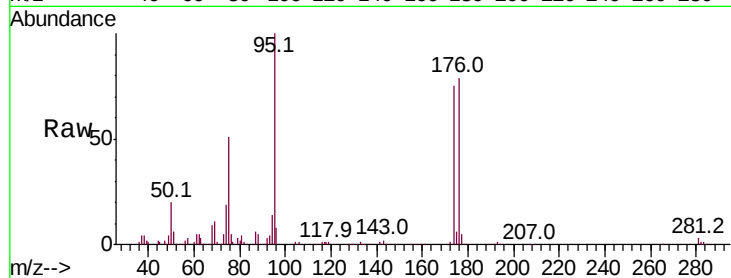
Tot Ion: 95 Resp: 70963

Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.6

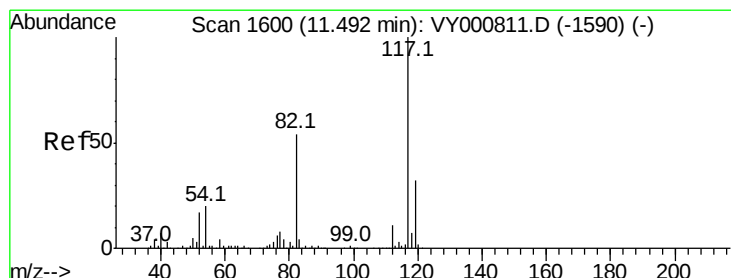
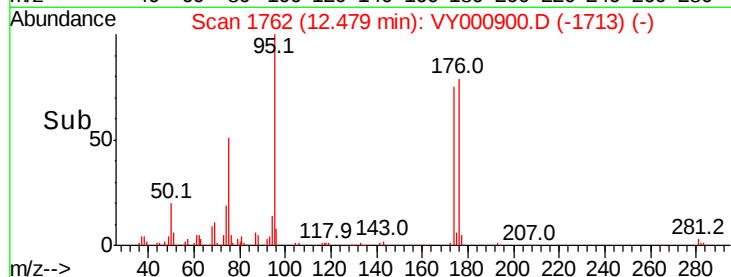
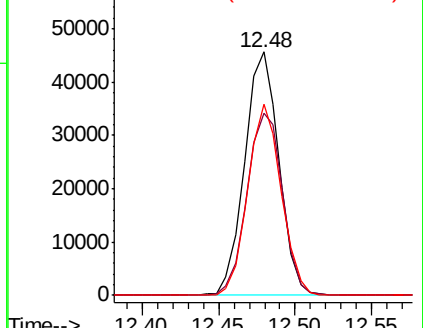
176 76.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000900.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000900.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000900.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

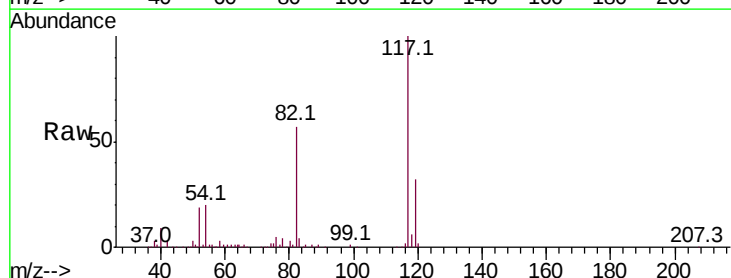
Tgt Ion: 117 Resp: 168669

Ion Ratio Lower Upper

117 100

82 56.6 43.1 64.7

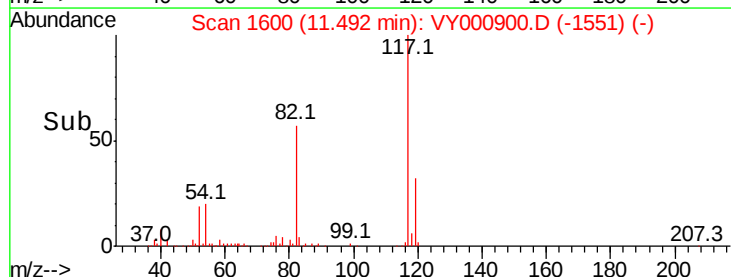
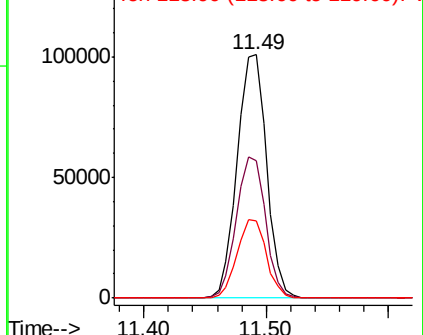
119 31.8 25.3 37.9

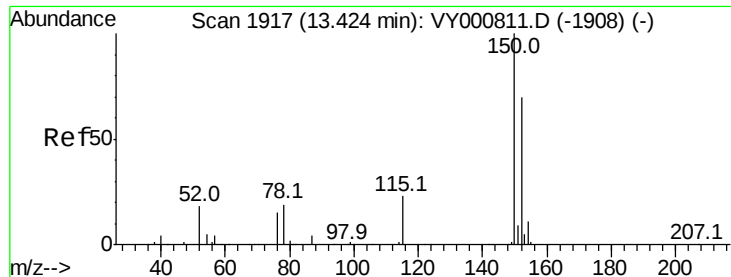


Abundance Ion 116.90 (116.60 to 117.60): VY000900.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000900.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000900.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

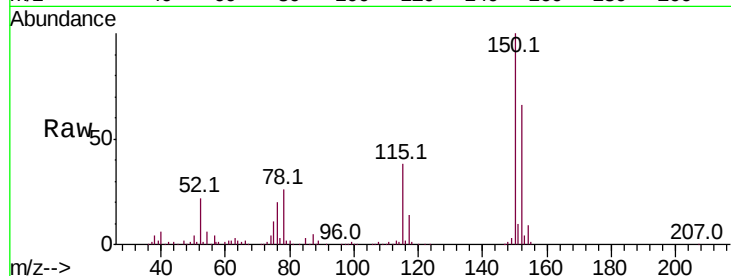
Tot Ion:152 Resp: 72399

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.8

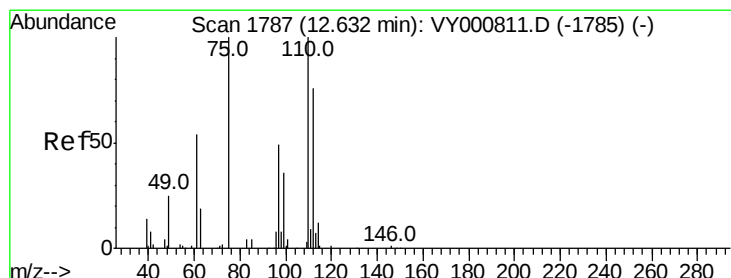
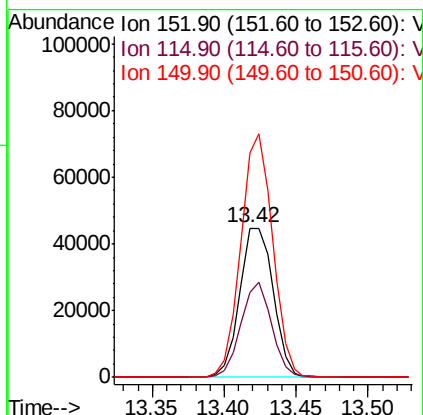
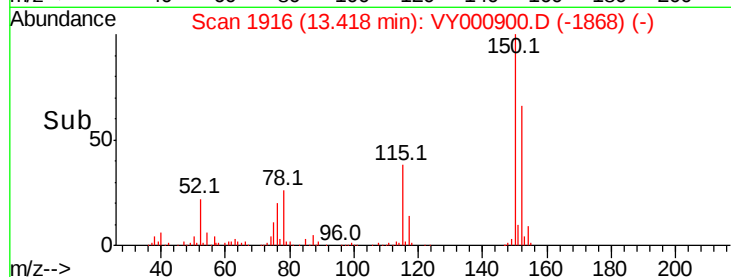
150 154.2 0.0 351.2



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: 45.424 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000900.D

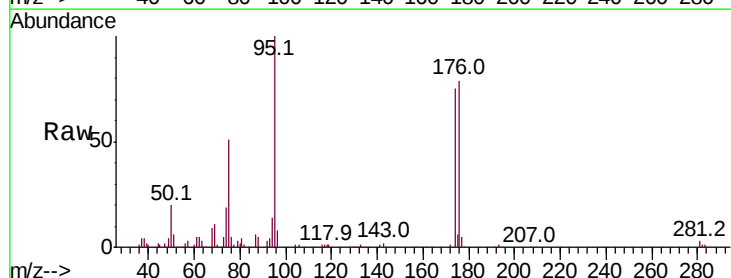
Acq: 06 Dec 2019 14:40

Tgt Ion: 75 Resp: 37260

Ion Ratio Lower Upper

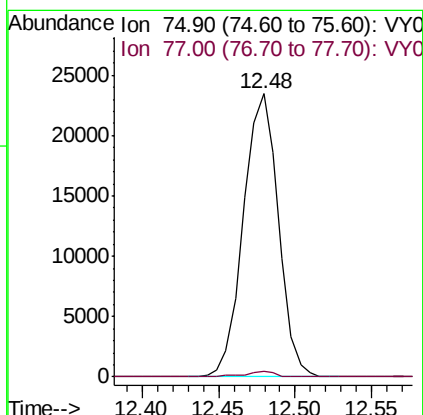
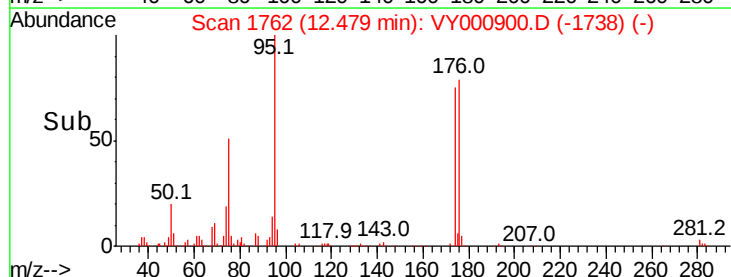
75 100

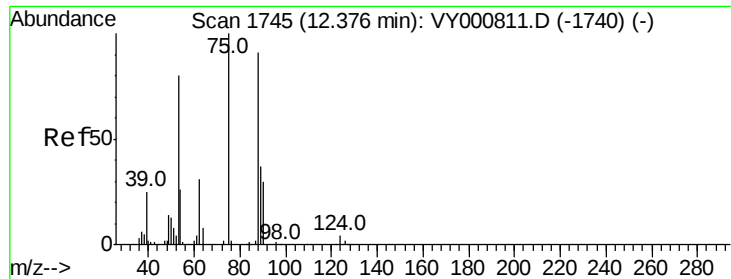
77 1.7 0.0 0.0#



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: 89.225 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000900.D

Acq: 06 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 37260

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#

