

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000876.D
 Acq On : 05 Dec 2019 12:42
 Operator : SY/MD
 Sample : K6141-04RE
 Misc : 16.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMJ-01-COMPARE

Quant Time: Dec 06 04:00:18 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

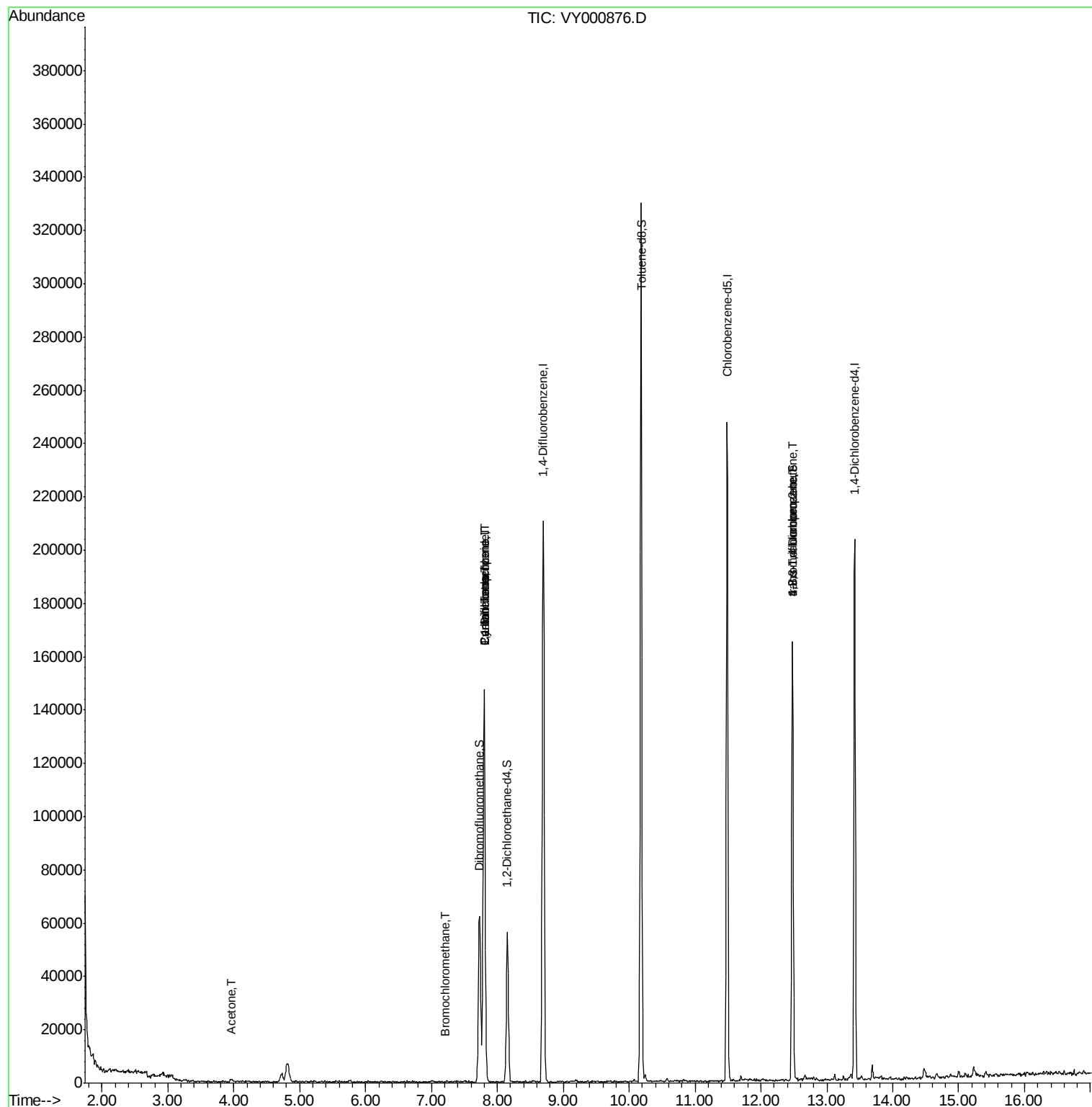
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	109553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	182436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	129662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	49334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	41677	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	
35) Dibromofluoromethane	7.74	113	45547	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
50) Toluene-d8	10.18	98	204748	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.48	95	49555	31.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.08%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.67	94	232	Below Cal	#	32
16) Acetone	3.96	43	1803	6.752	ug/l #	67
28) Bromochloromethane	7.20	49	20	2.038	ug/l #	15
31) Cyclohexane	7.81	56	3106	1.257	ug/l #	59
36) 1,1-Dichloropropene	7.80	75	8970	4.945	ug/l #	48
38) Carbon Tetrachloride	7.80	117	10908	6.752	ug/l #	13
76) 1,2,3-Trichloropropane	12.48	75	26755	47.867	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	26755	94.024	ug/l #	17

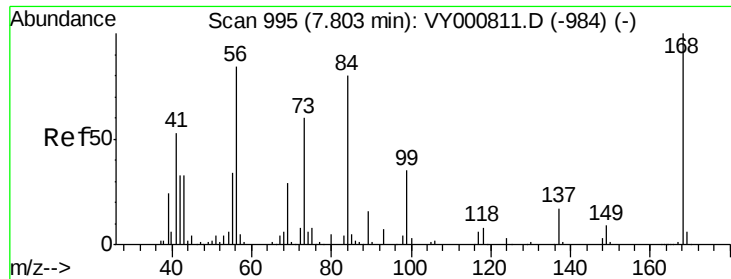
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000876.D
Acq On : 05 Dec 2019 12:42
Operator : SY/MD
Sample : K6141-04RE
Misc : 16.44G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMJ-01-COMP

Quant Time: Dec 06 04:00:18 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: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

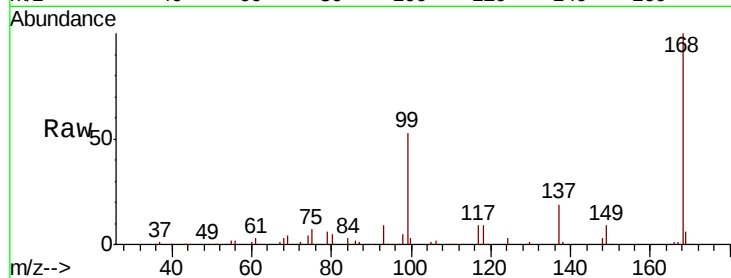
CMJ-01-COMP

Tot Ion:168 Resp: 109553

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

60000

50000

40000

30000

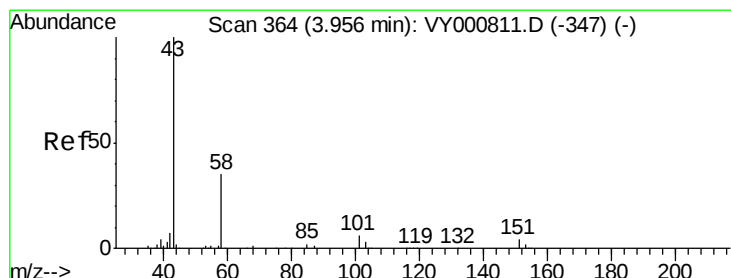
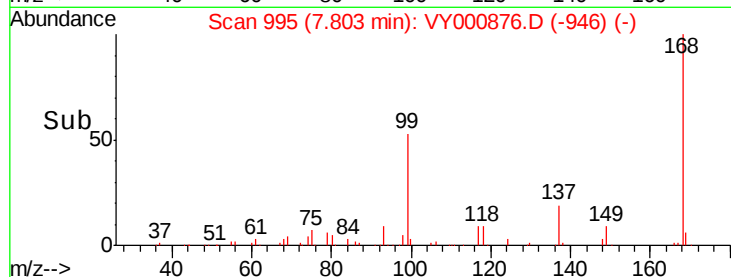
20000

10000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 6.752 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000876.D

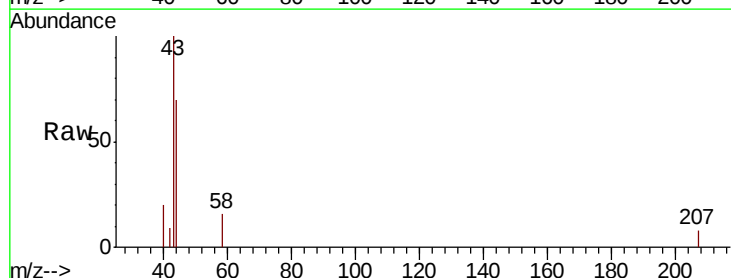
Acq: 05 Dec 2019 12:42

Tgt Ion: 43 Resp: 1803

Ion Ratio Lower Upper

43 100

58 15.7 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.96

800

600

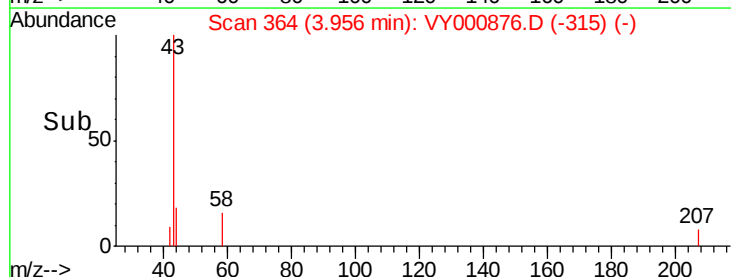
400

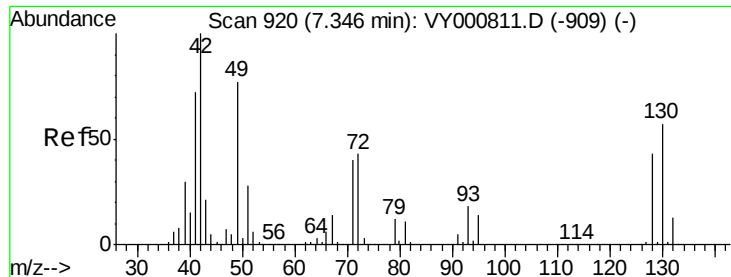
200

0

Time-->

3.90 3.95 4.00 4.05





#28

Bromochloromethane

Concen: 2.038 ug/l

RT: 7.20 min Scan# 896

Delta R.T. -0.15 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

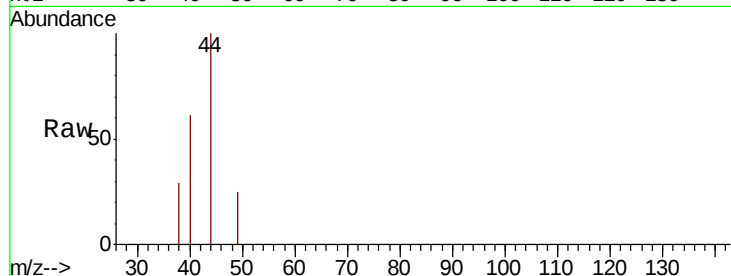
Tot Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

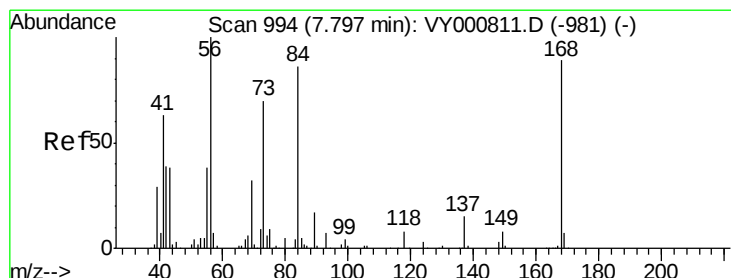
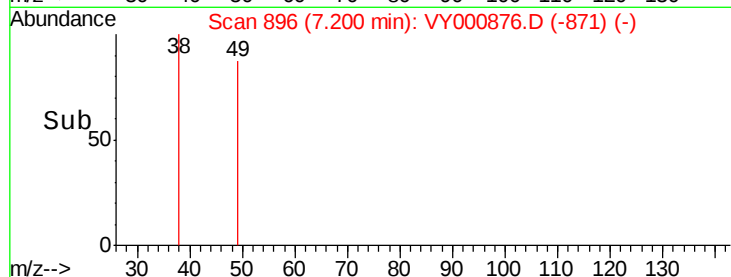
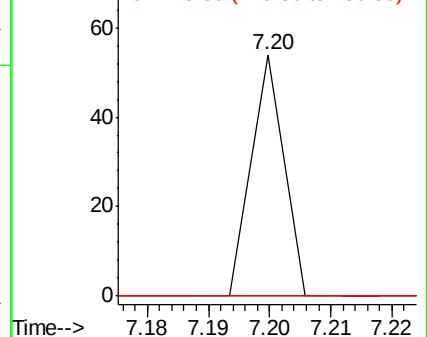
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

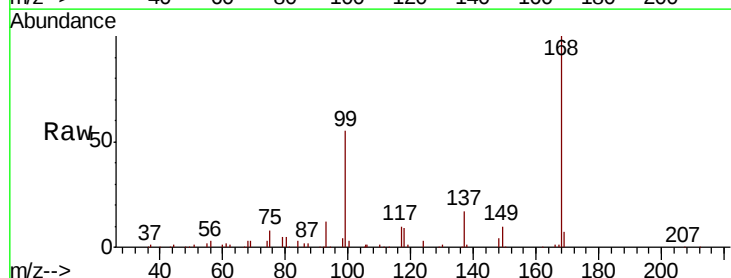
Tgt Ion: 56 Resp: 3106

Ion Ratio Lower Upper

56 100

69 98.8 25.9 38.9#

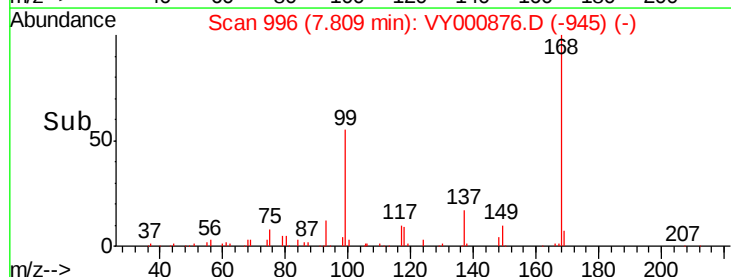
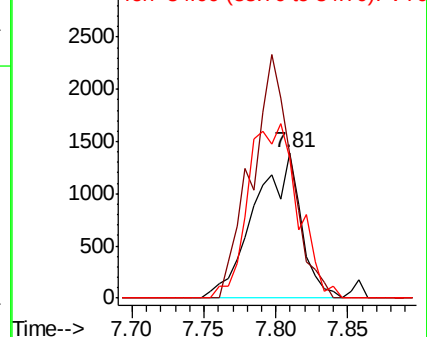
84 96.5 68.6 102.8

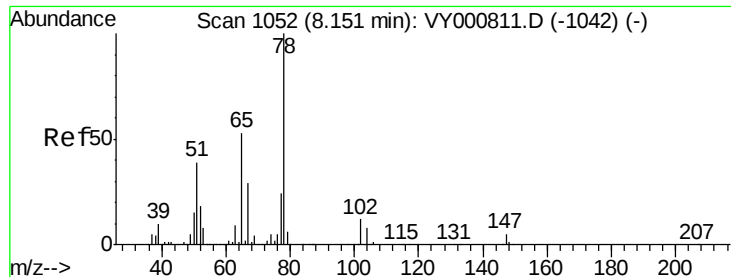


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

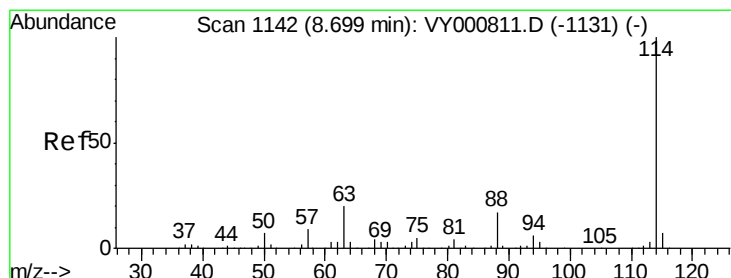
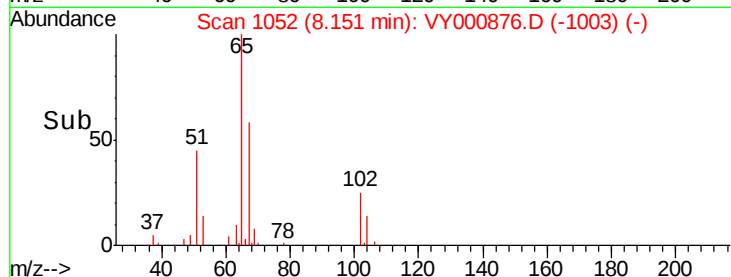
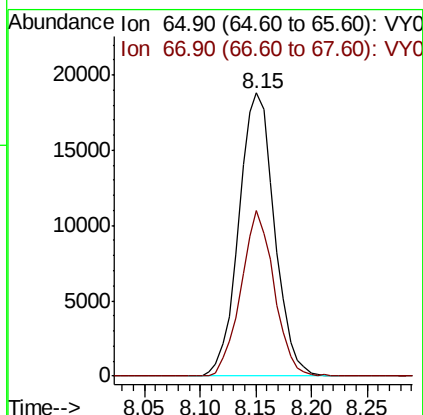
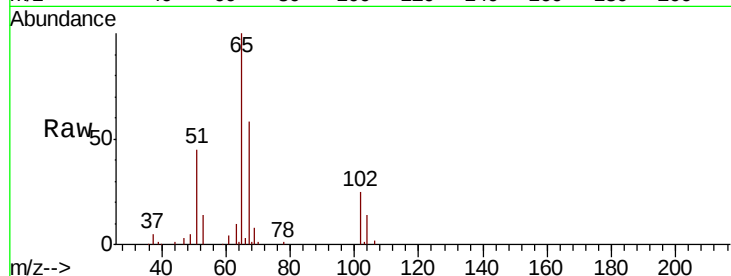




#33
 1,2-Dichloroethane-d4
 Concen: 35.802 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000876.D
 Acq: 05 Dec 2019 12:42

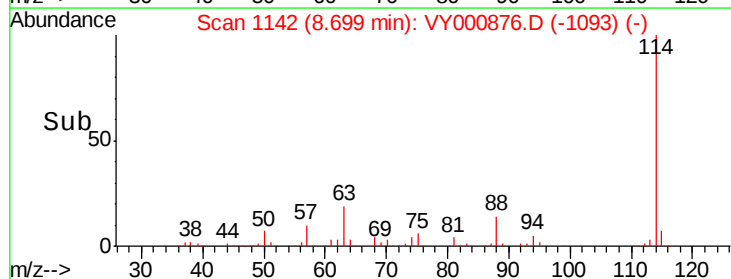
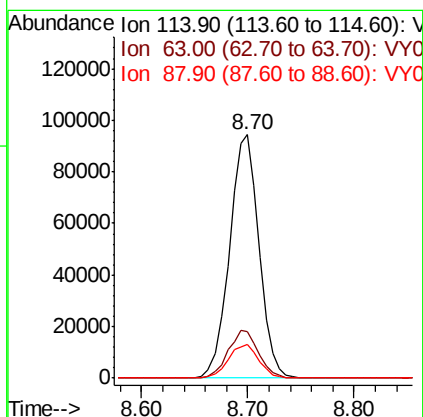
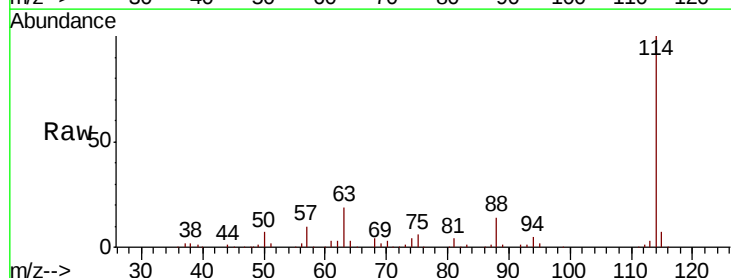
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMJ-01-COMP

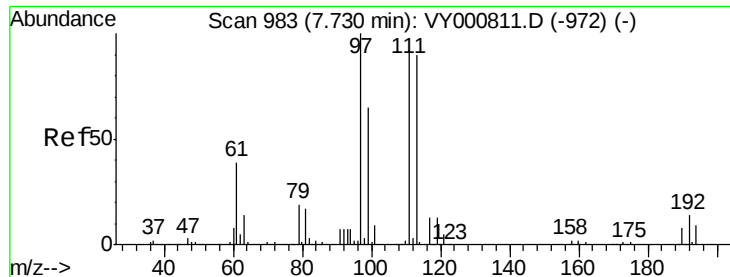
Tot Ion: 65 Resp: 41677
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000876.D
 Acq: 05 Dec 2019 12:42

Tgt Ion: 114 Resp: 182436
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 13.8 0.0 33.2

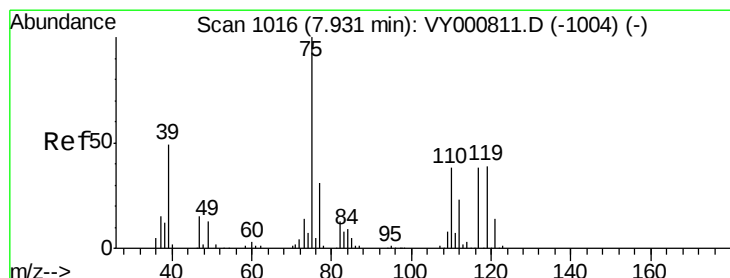
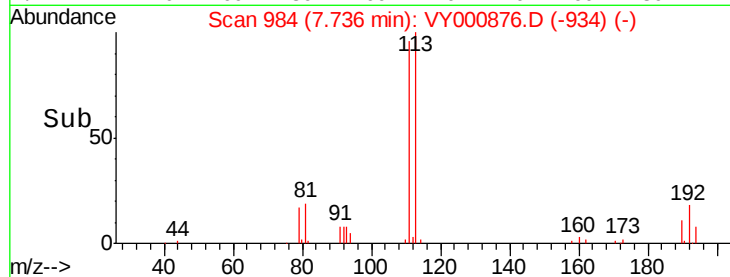
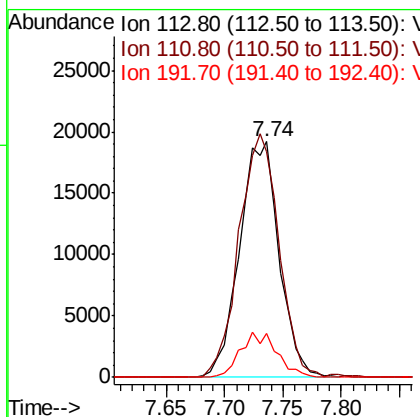
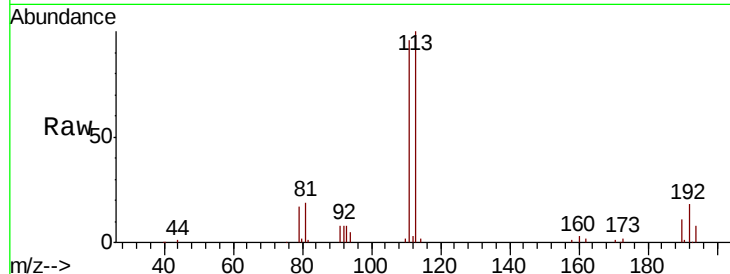




#35
 Dibromofluoromethane
 Concen: 42.838 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000876.D
 Acq: 05 Dec 2019 12:42

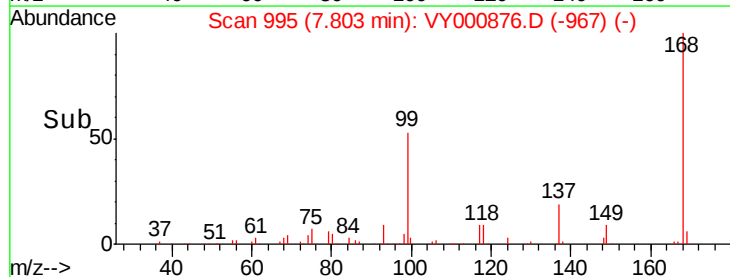
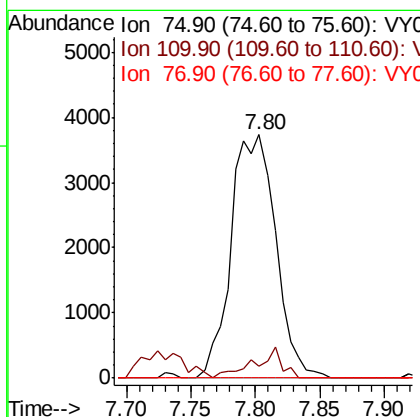
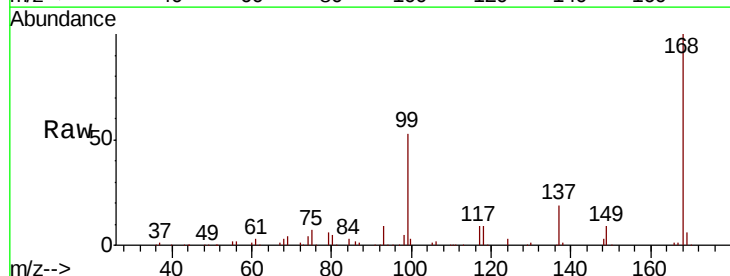
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMJ-01-COMP

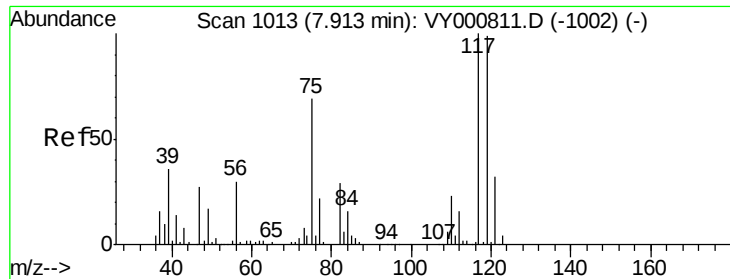
Tot Ion:113 Resp: 45547
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 17.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000876.D
 Acq: 05 Dec 2019 12:42

Tgt Ion: 75 Resp: 8970
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.9 53.7#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

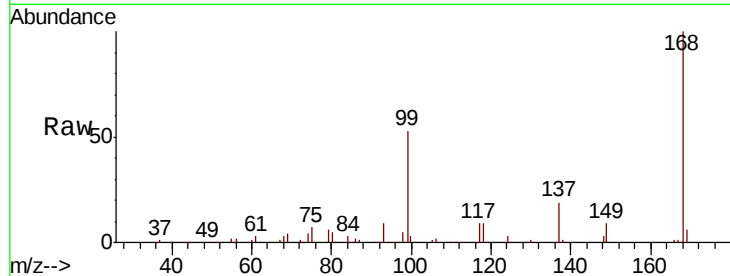
Tot Ion:117 Resp: 10908

Ion Ratio Lower Upper

117 100

119 2.9 79.3 118.9#

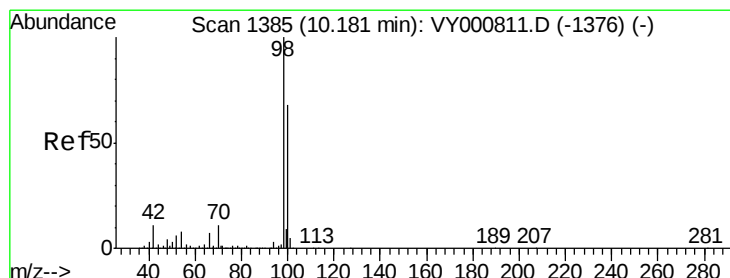
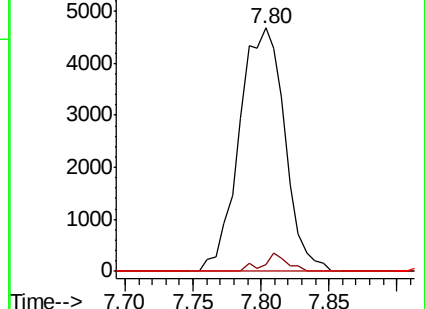
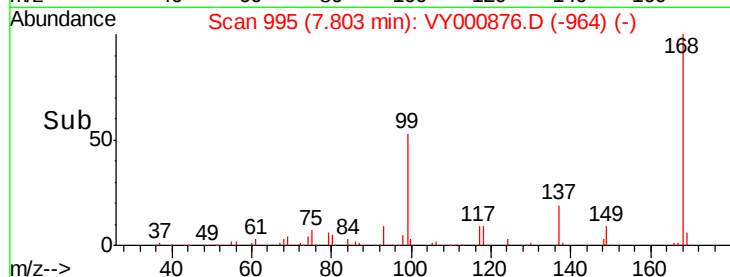
121 0.0 25.5 38.3#



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: 48.167 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000876.D

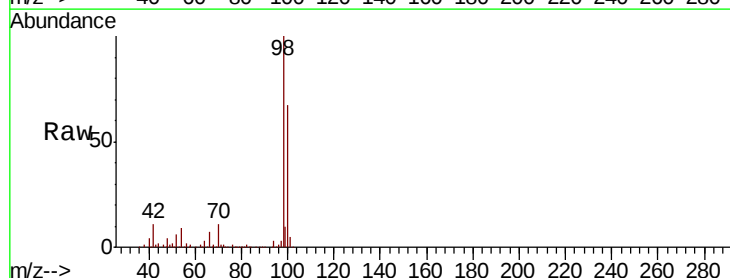
Acq: 05 Dec 2019 12:42

Tgt Ion: 98 Resp: 204748

Ion Ratio Lower Upper

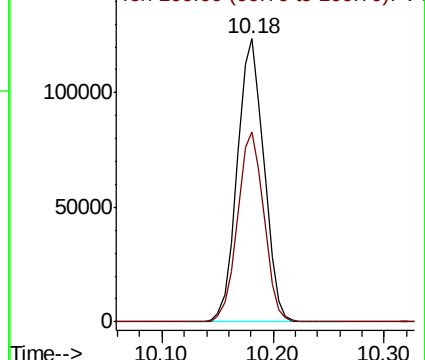
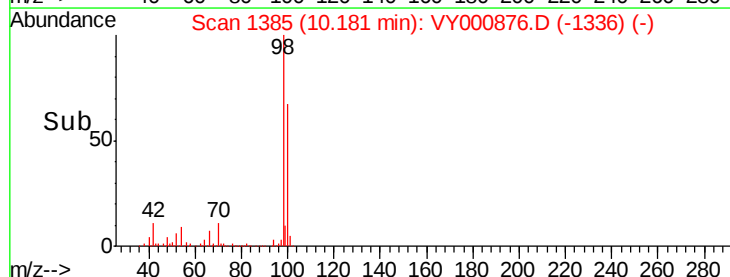
98 100

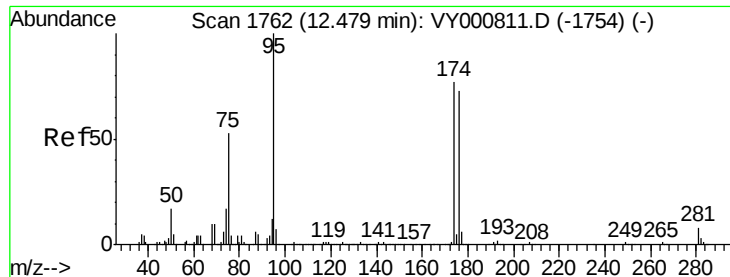
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

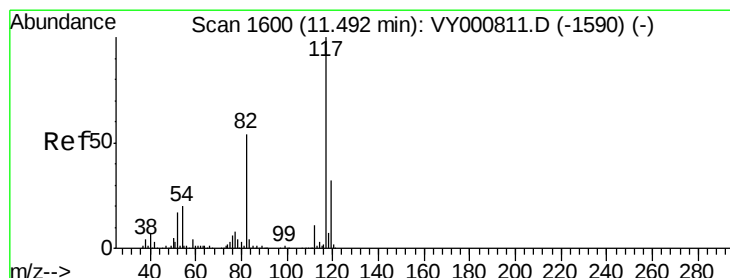
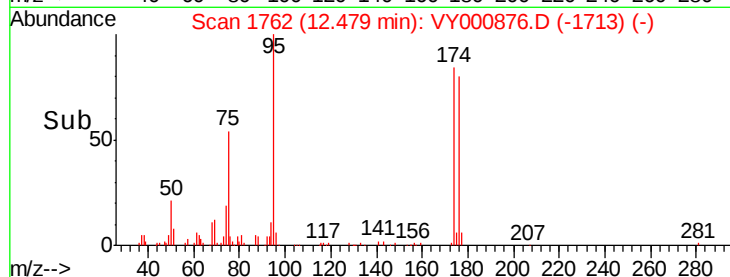
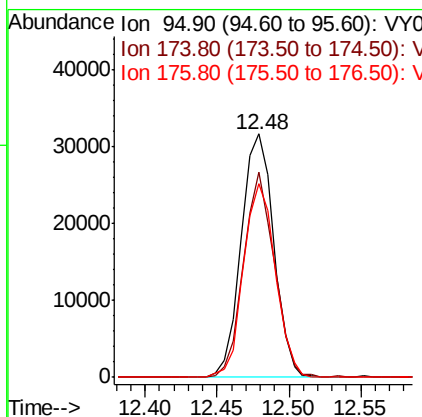
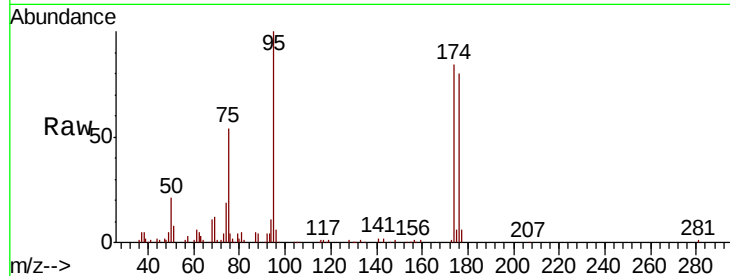




#62
4-Bromofluorobenzene
Concen: 31.042 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000876.D
Acq: 05 Dec 2019 12:42

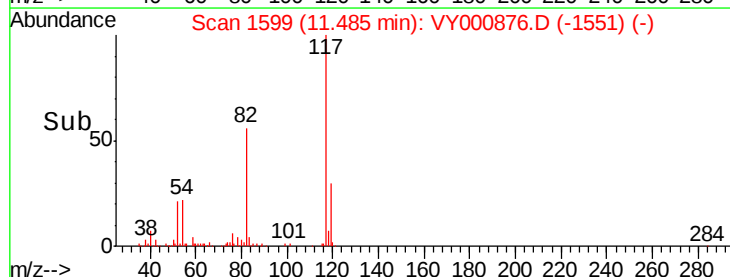
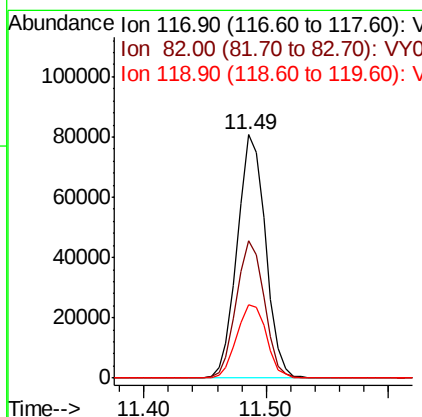
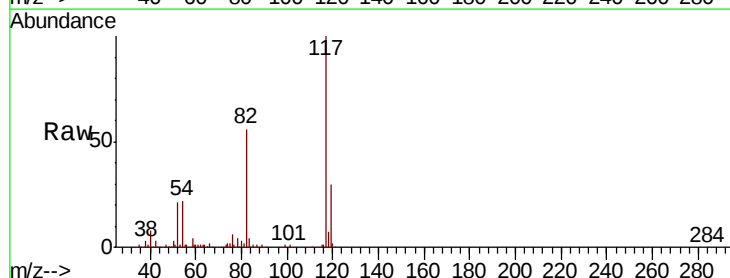
Instrument :
MSVOA_Y
ClientSampleId :
CMJ-01-COMP

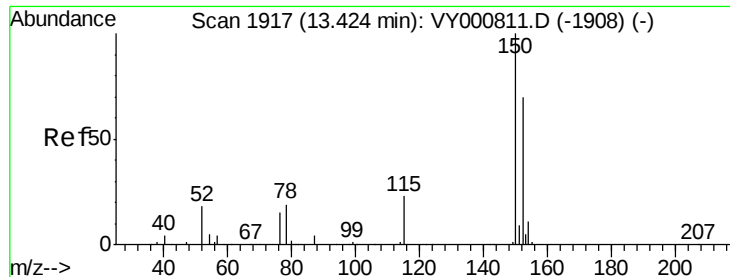
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	150.6
176	77.6	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000876.D
Acq: 05 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.1	64.7
119	30.0	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

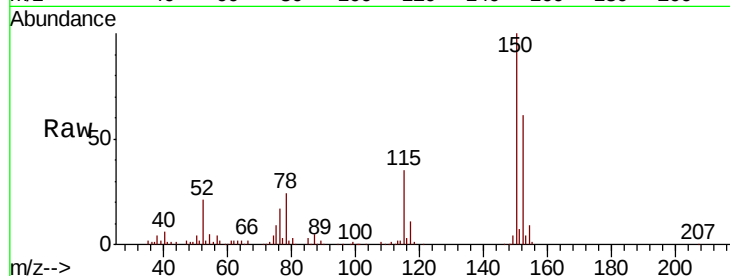
Tot Ion:152 Resp: 49334

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.8

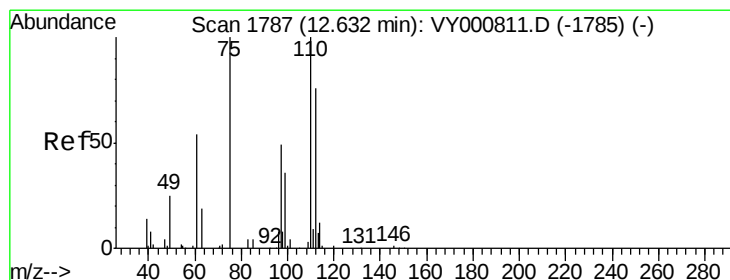
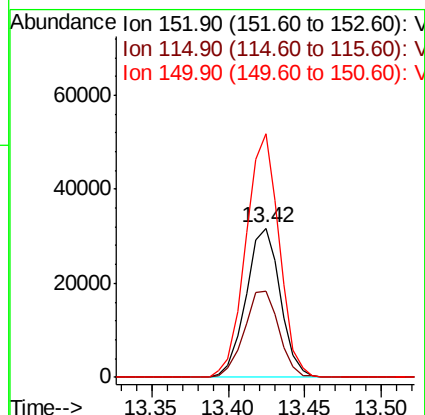
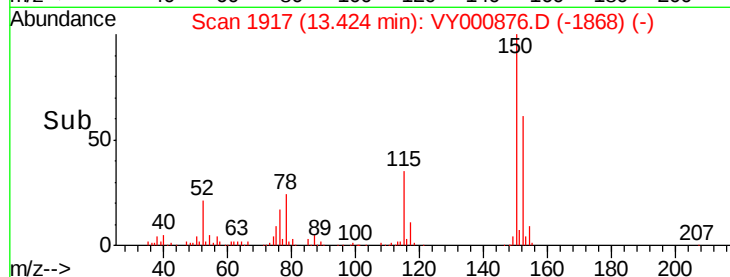
150 158.6 0.0 351.2



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: 47.867 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000876.D

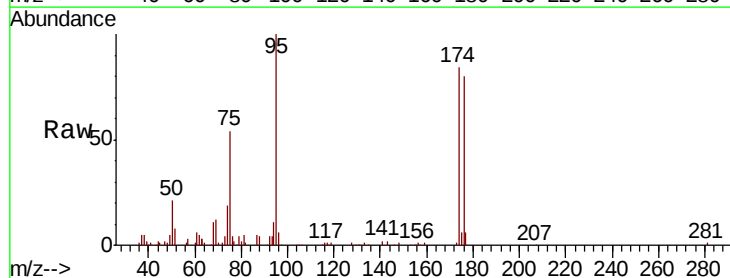
Acq: 05 Dec 2019 12:42

Tgt Ion: 75 Resp: 26755

Ion Ratio Lower Upper

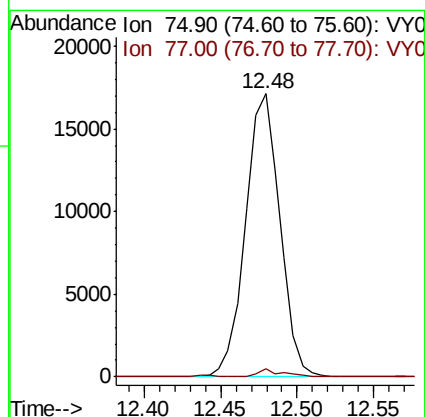
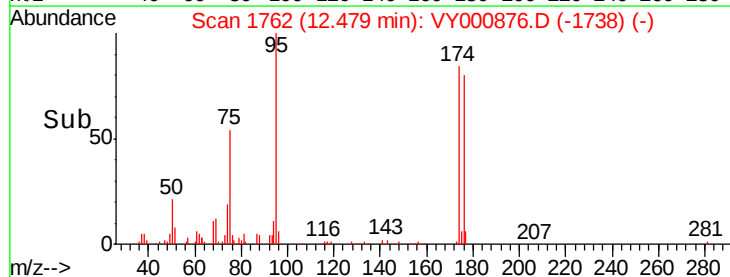
75 100

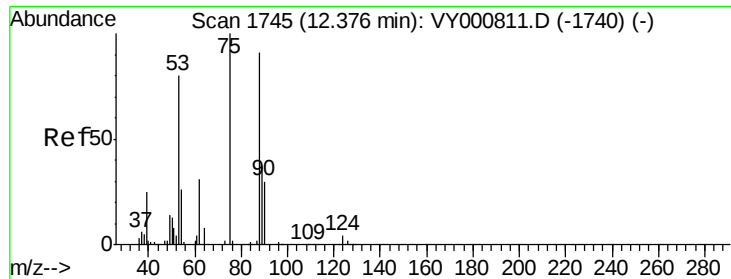
77 2.0 0.0 0.0#



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: 94.024 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

Tot Ion: 75 Resp: 26755

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

