

Data File : VY000865.D
Acq On : 04 Dec 2019 16:22
Operator : SY/MD
Sample : K6141-04
Misc : 14.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMJ-01-COMP

Quant Time: Dec 05 07:55:43 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	216269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	412126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	367455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	139067	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
35) Dibromofluoromethane	7.72	113	122752	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.18	98	493800	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	165109	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

Target Compounds

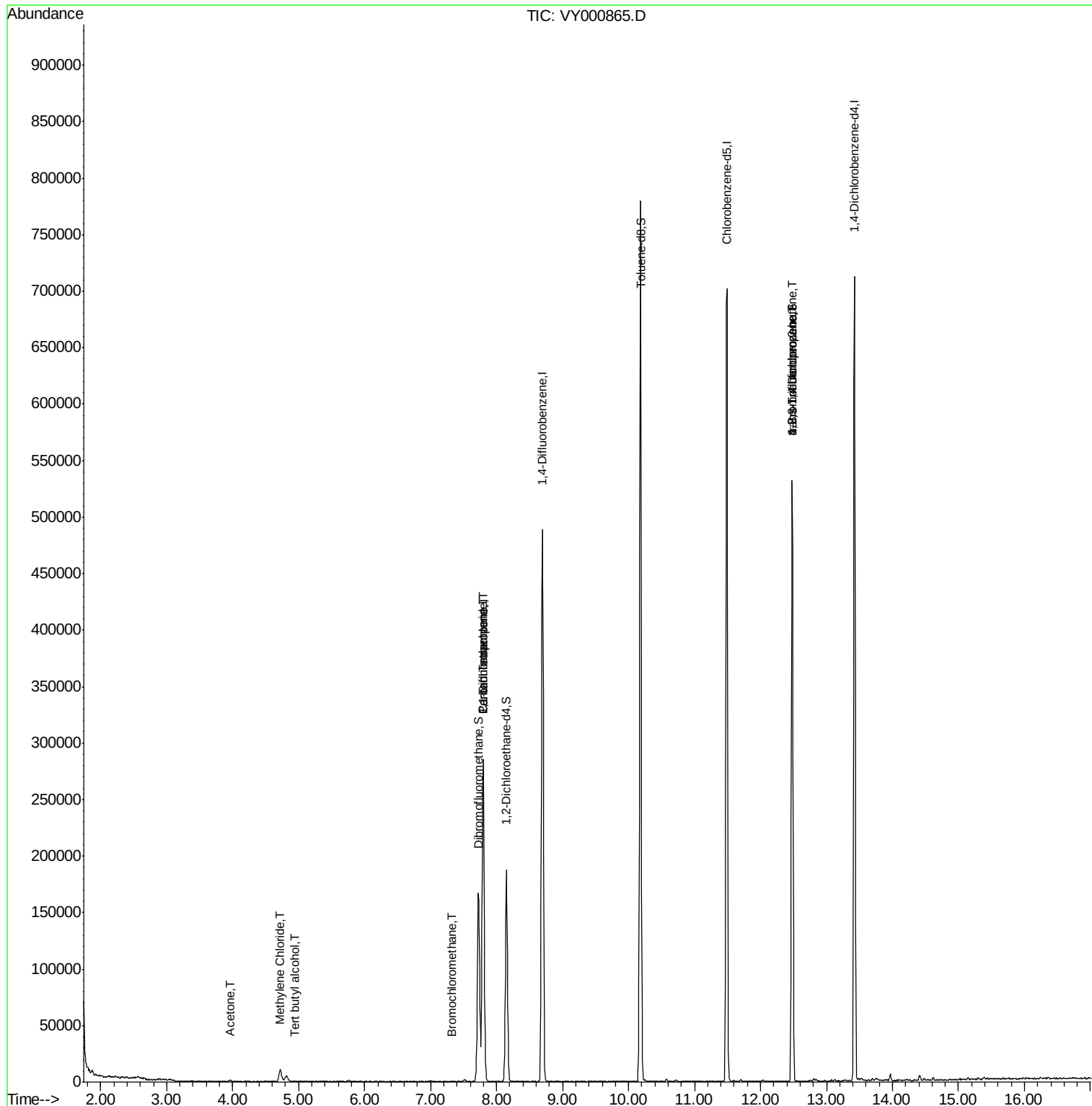
					Qvalue	
5) Bromomethane	2.65	94	20	Below Cal	#	11
11) Tert butyl alcohol	4.94	59	351	1.518	ug/l #	74
16) Acetone	3.96	43	1703	3.230	ug/l #	88
20) Methylene Chloride	4.72	84	7091	2.552	ug/l	85
28) Bromochloromethane	7.32	49	76	2.059	ug/l #	15
36) 1,1-Dichloropropene	7.79	75	17752	4.332	ug/l #	51
38) Carbon Tetrachloride	7.80	117	22424	6.145	ug/l #	13
76) 1,2,3-Trichloropropane	12.48	75	85597	44.812	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85597	88.024	ug/l #	18

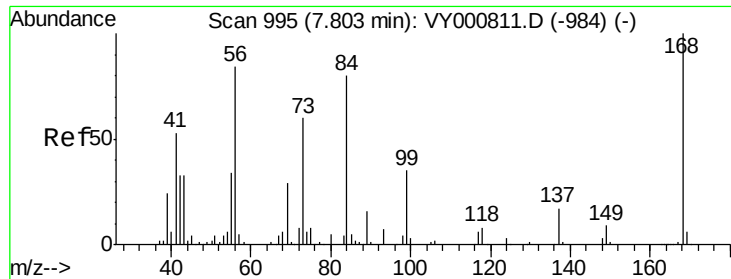
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Instrument :

MSVOA_Y

ClientSampleId :

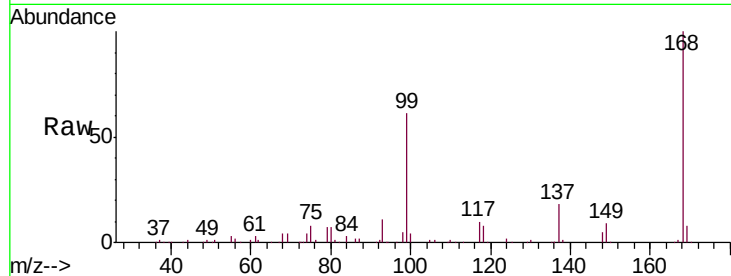
CMJ-01-COMP

Tgt Ion:168 Resp: 216269

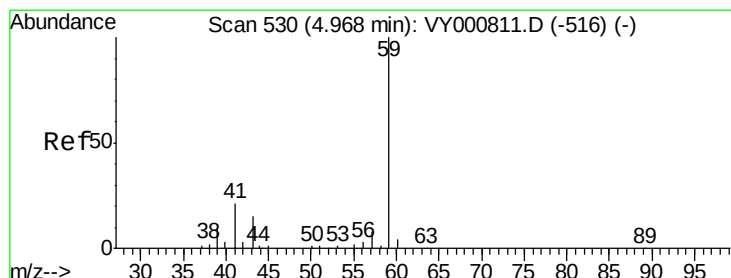
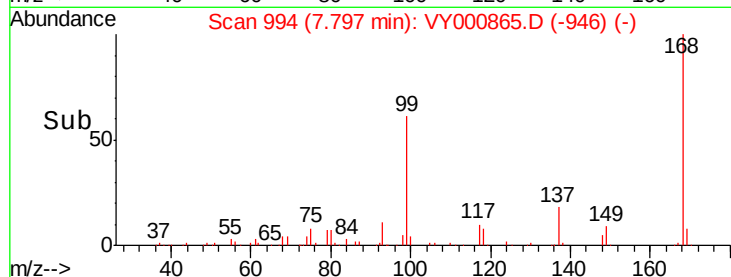
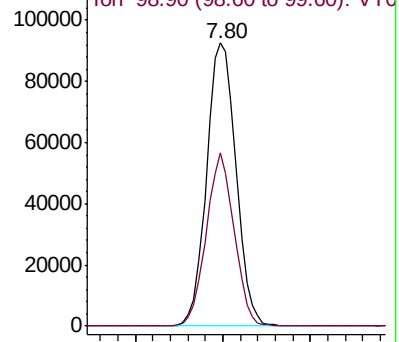
Ion Ratio Lower Upper

168 100

99 61.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000865.D (-946) (-)



#11

Tert butyl alcohol

Concen: 1.518 ug/l

RT: 4.94 min Scan# 526

Delta R.T. -0.02 min

Lab File: VY000865.D

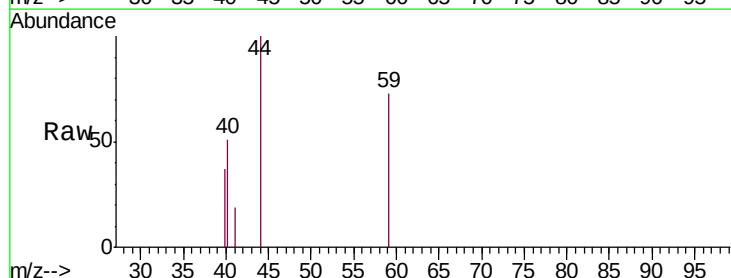
Acq: 04 Dec 2019 16:22

Tgt Ion: 59 Resp: 351

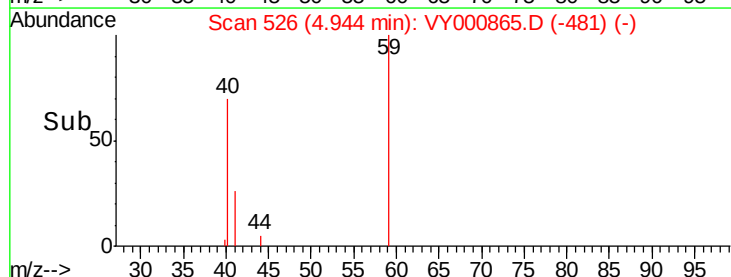
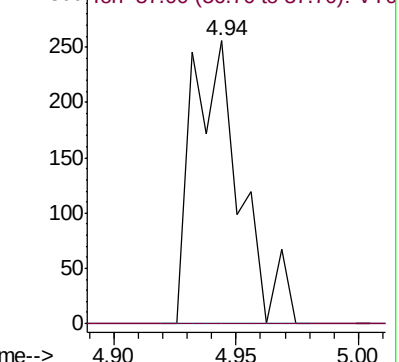
Ion Ratio Lower Upper

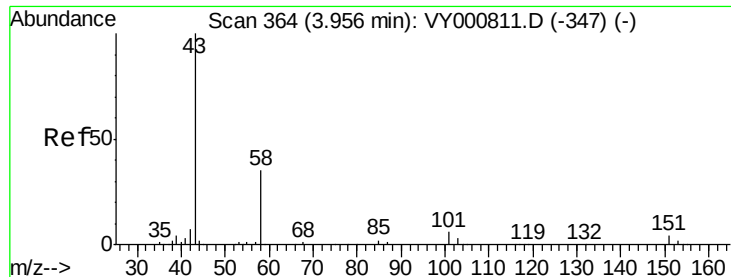
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000865.D (-481) (-)





#16

Acetone

Concen: 3.230 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Instrument :

MSVOA_Y

ClientSampleId :

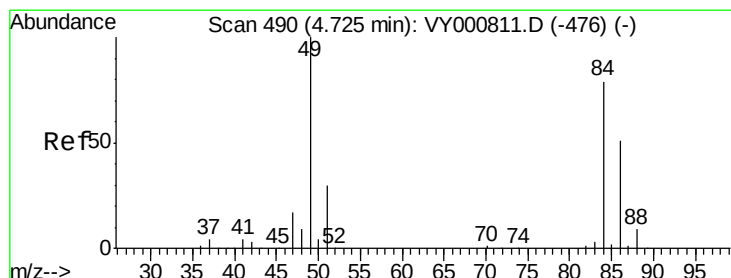
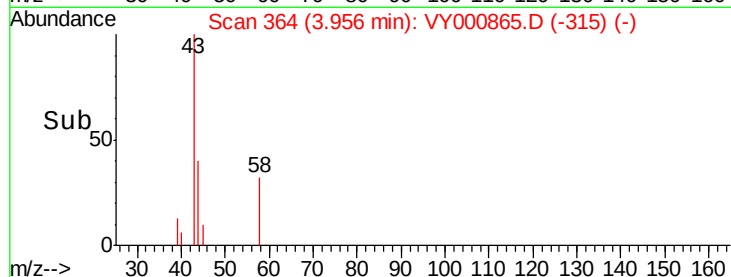
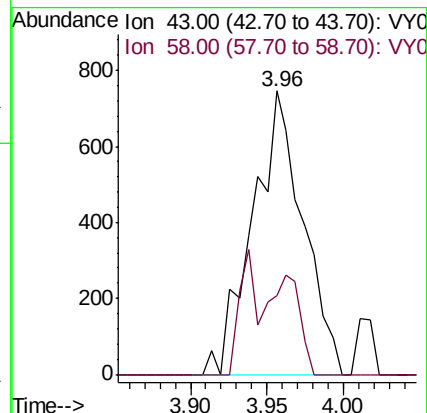
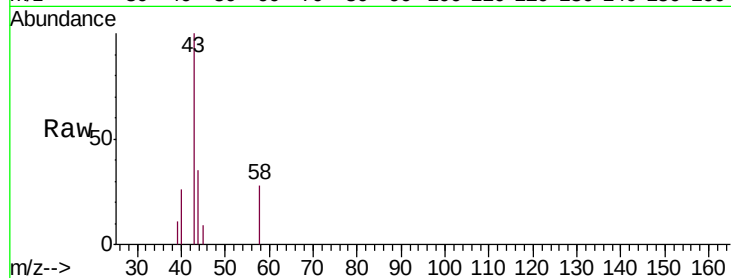
CMJ-01-COMP

Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

58 27.7 28.0 42.0#



#20

Methylene Chloride

Concen: 2.552 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Tgt Ion: 84 Resp: 7091

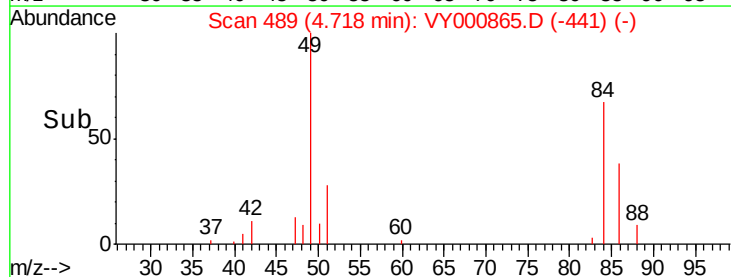
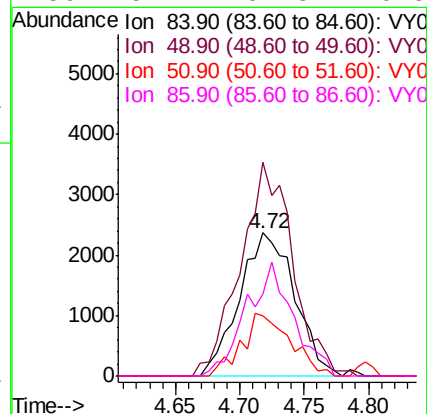
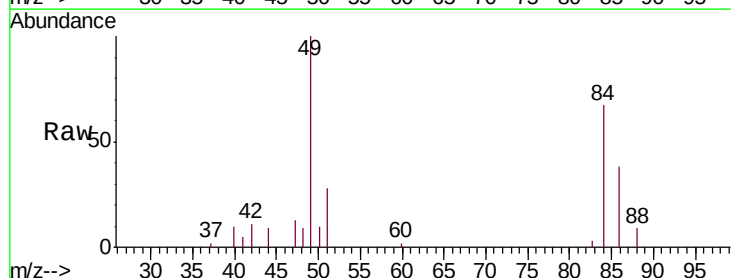
Ion Ratio Lower Upper

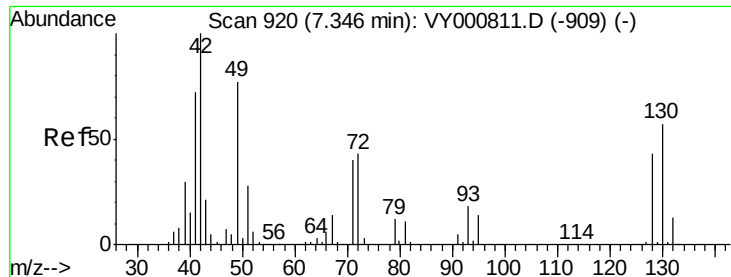
84 100

49 149.3 101.3 151.9

51 42.3 30.6 45.8

86 57.2 51.3 76.9





#28

Bromochloromethane

Concen: 2.059 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.03 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Instrument :

MSVOA_Y

ClientSampled :

CMJ-01-COMP

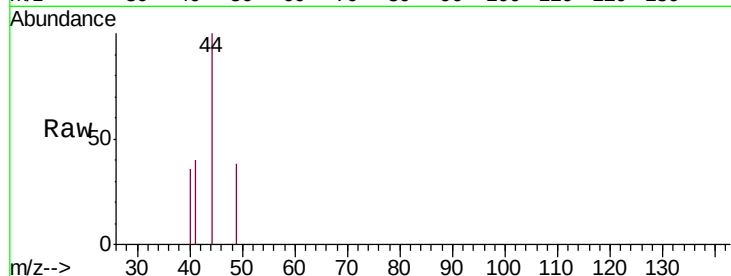
Tgt Ion: 49 Resp: 76

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

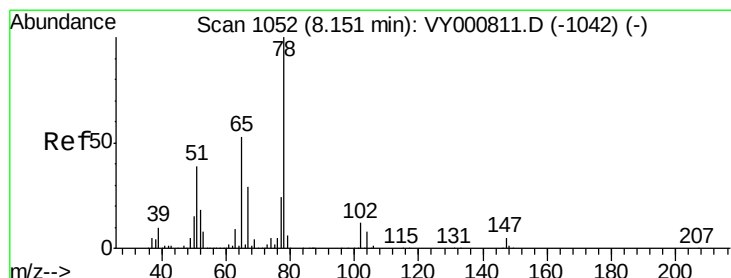
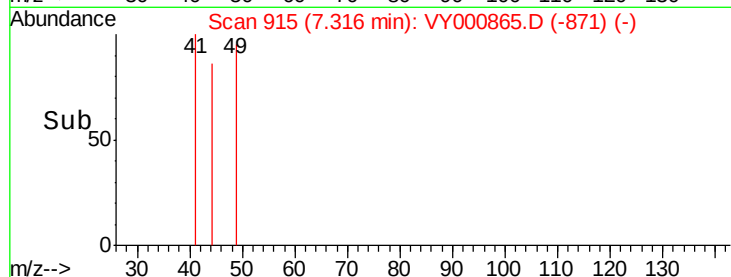
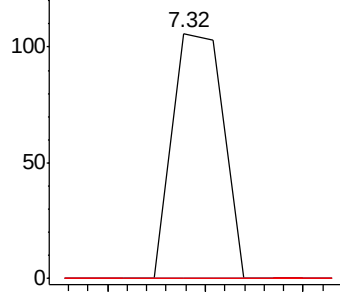
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 60.515 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000865.D

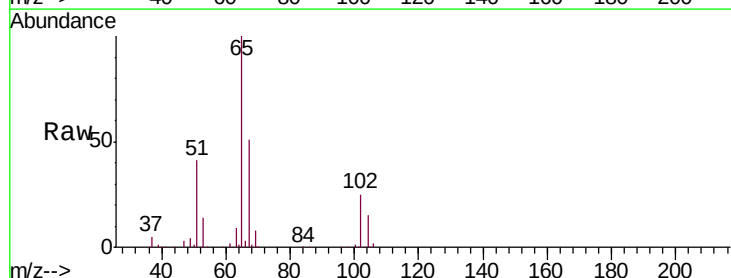
Acq: 04 Dec 2019 16:22

Tgt Ion: 65 Resp: 139067

Ion Ratio Lower Upper

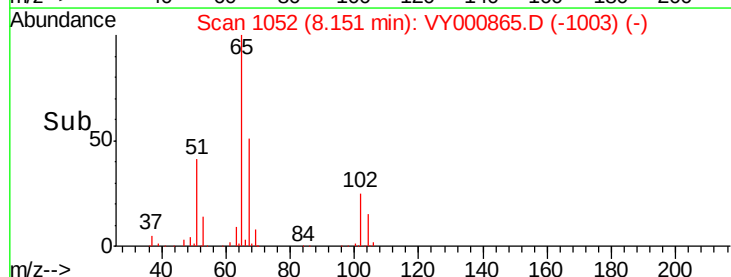
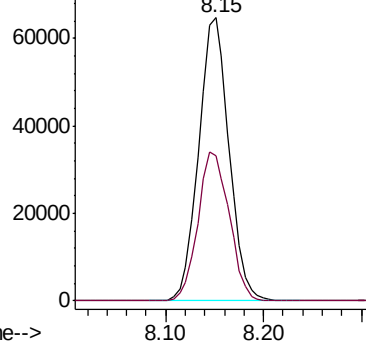
65 100

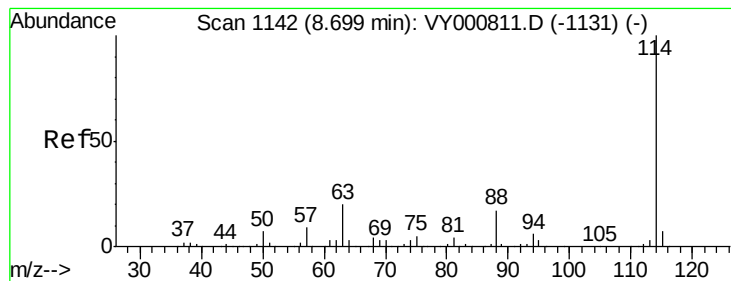
67 54.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

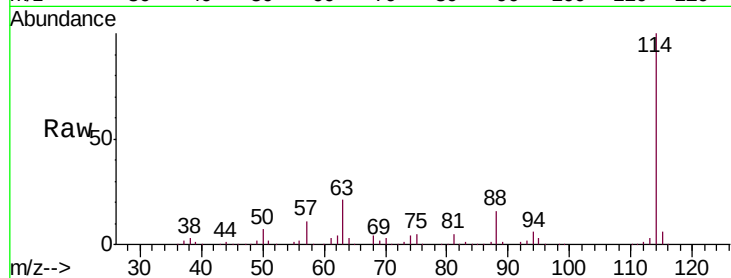
Tgt Ion:114 Resp: 412126

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

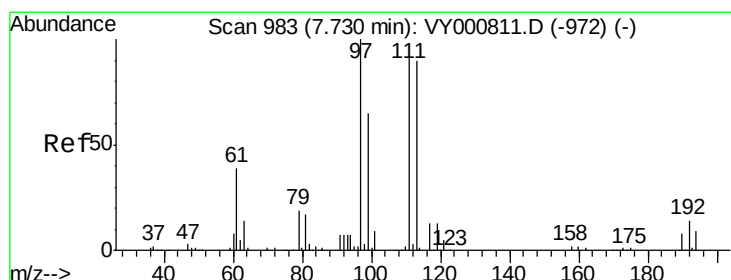
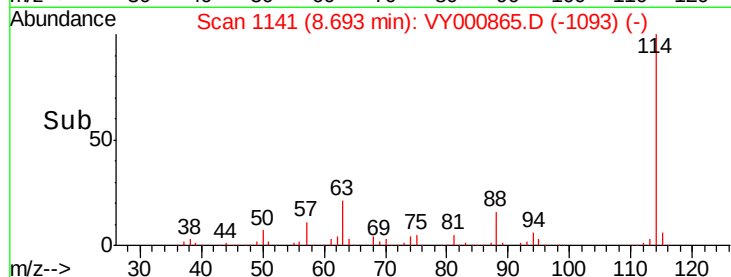
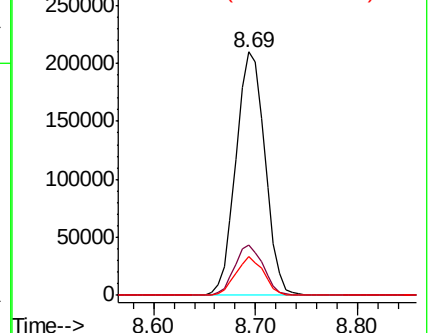
88 15.7 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.107 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

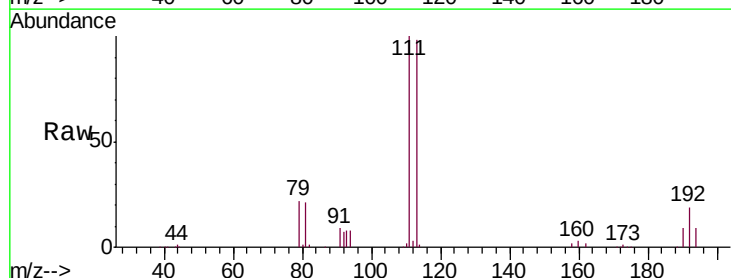
Tgt Ion:113 Resp: 122752

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

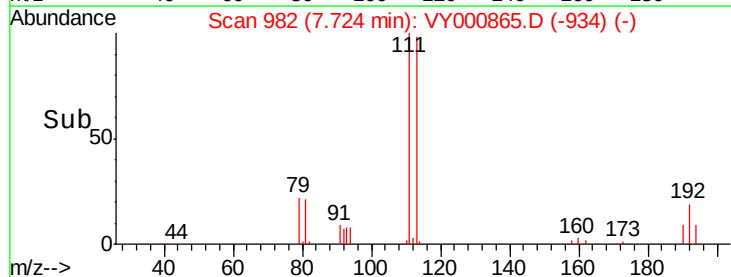
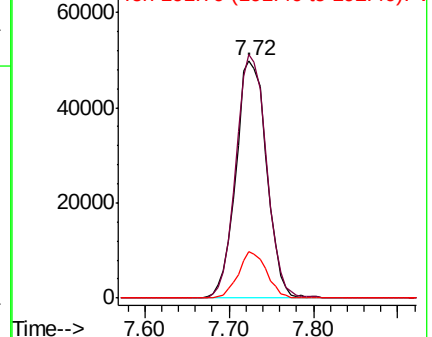
192 18.1 14.2 21.2

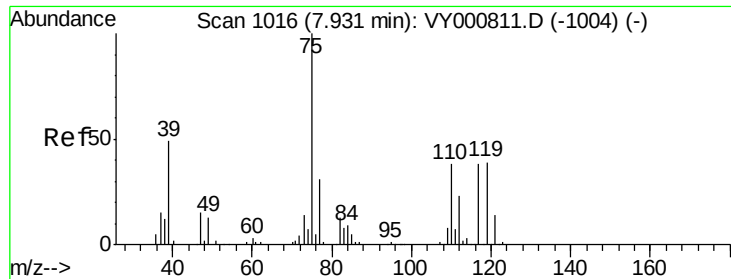


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

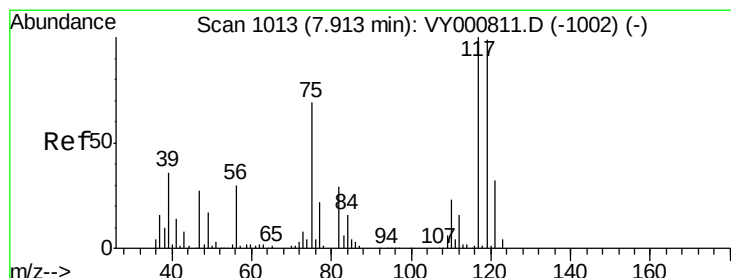
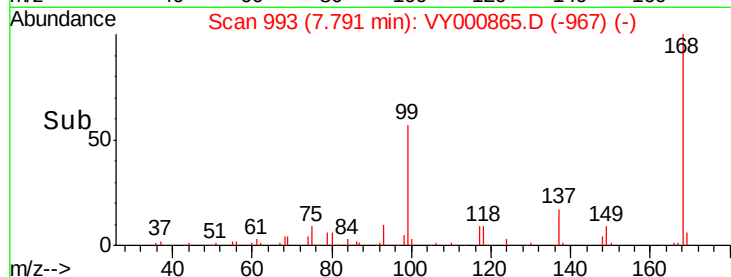
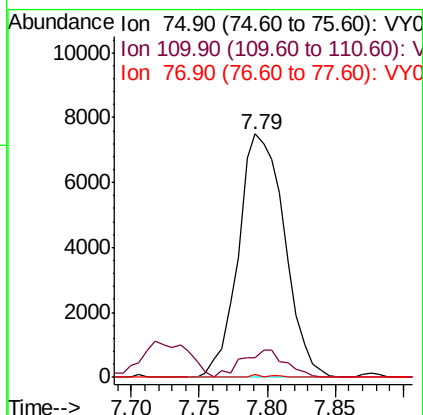
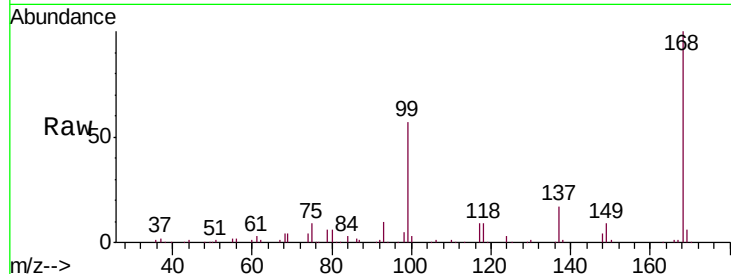




#36
 1,1-Dichloropropene
 Concen: 4.332 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY000865.D
 Acq: 04 Dec 2019 16:22

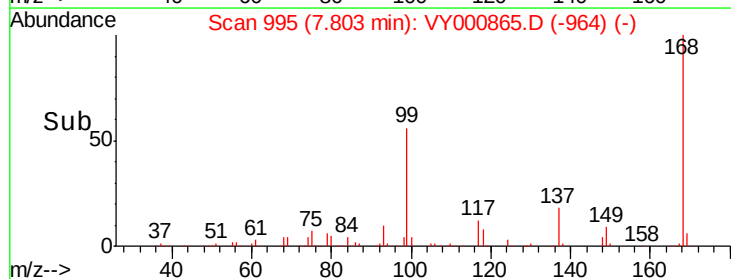
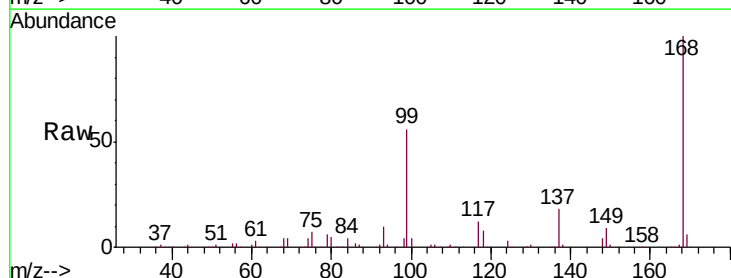
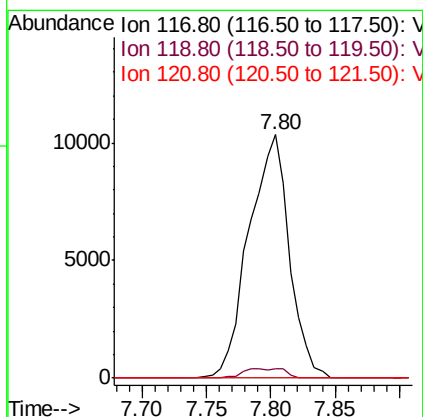
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMJ-01-COMP

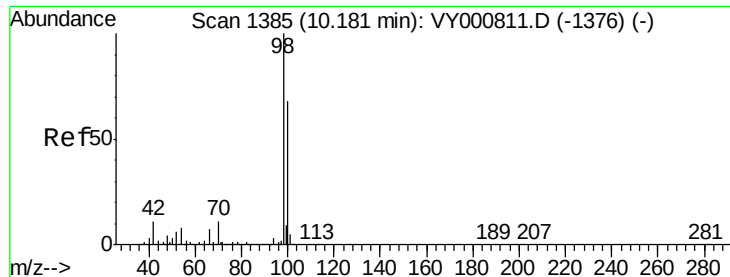
Tgt Ion: 75 Resp: 17752
 Ion Ratio Lower Upper
 75 100
 110 10.7 17.9 53.7#
 77 0.2 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.145 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000865.D
 Acq: 04 Dec 2019 16:22

Tgt Ion: 117 Resp: 22424
 Ion Ratio Lower Upper
 117 100
 119 3.6 79.3 118.9#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 51.424 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Instrument :

MSVOA_Y

ClientSampleId :

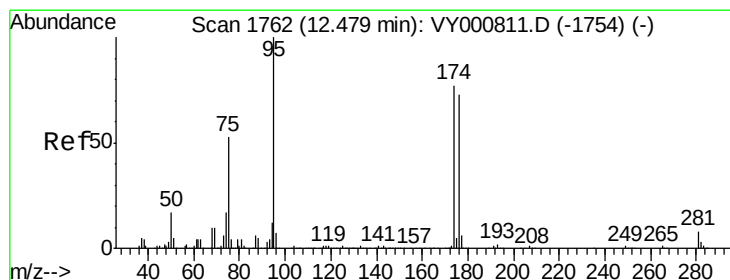
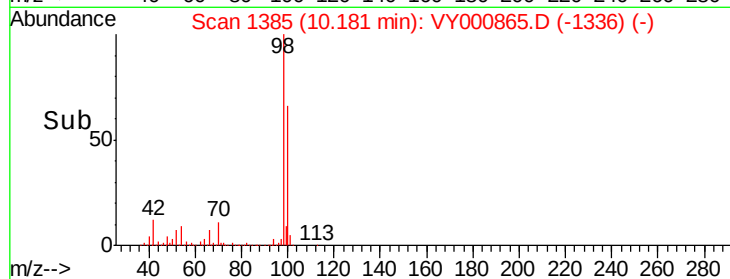
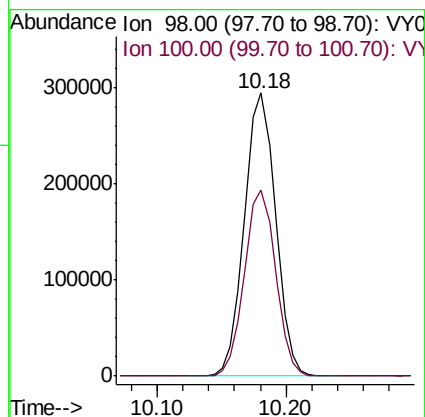
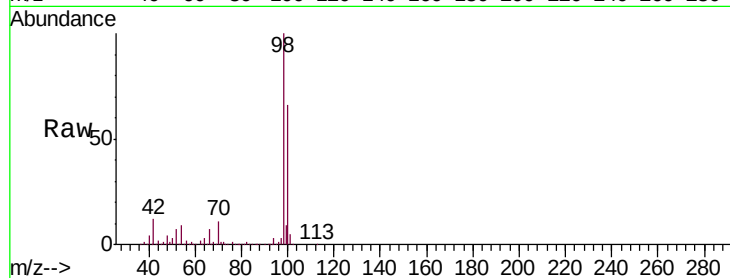
CMJ-01-COMP

Tgt Ion: 98 Resp: 493800

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.784 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

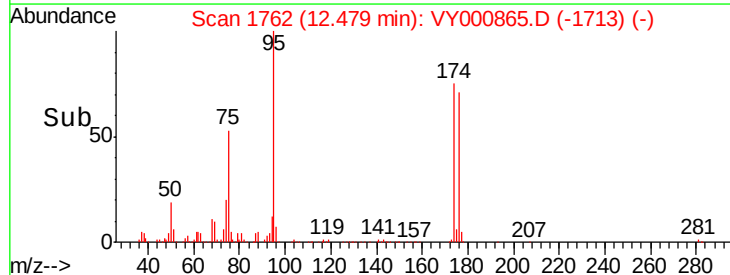
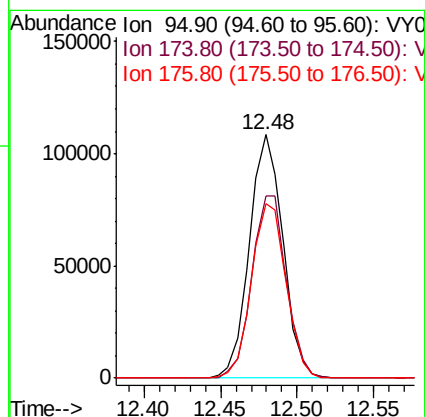
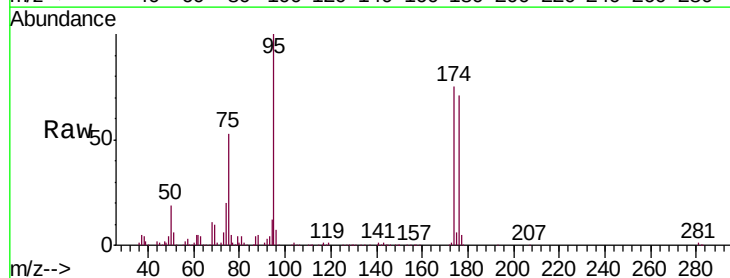
Tgt Ion: 95 Resp: 165109

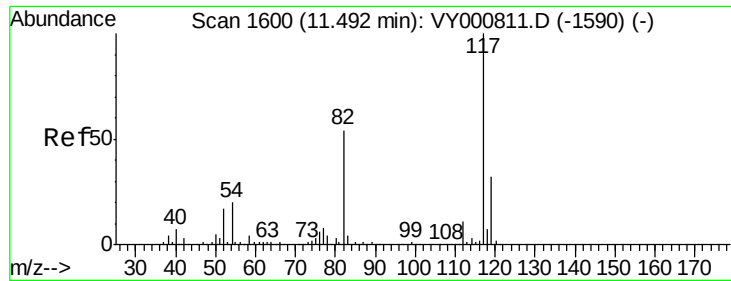
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 74.1 0.0 145.2

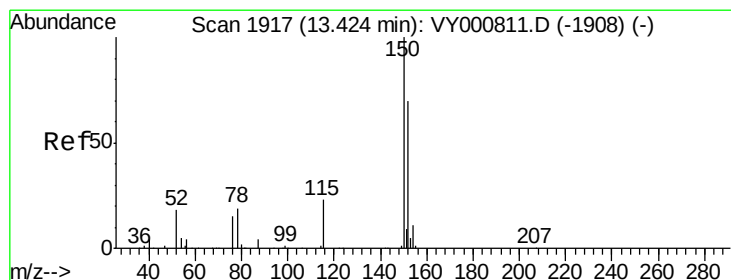
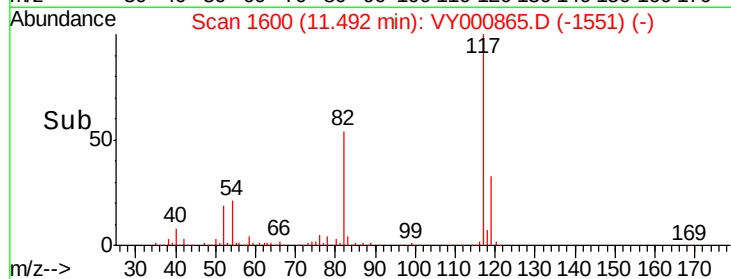
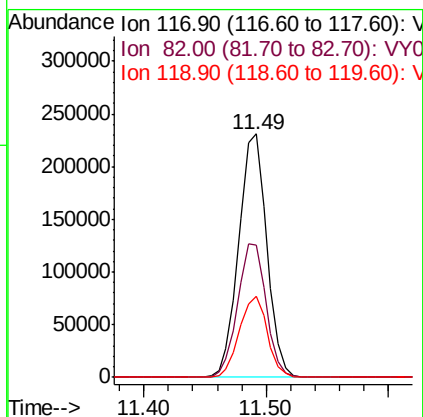
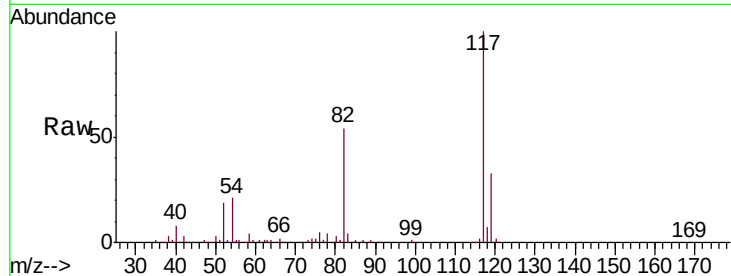




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000865.D
Acq: 04 Dec 2019 16:22

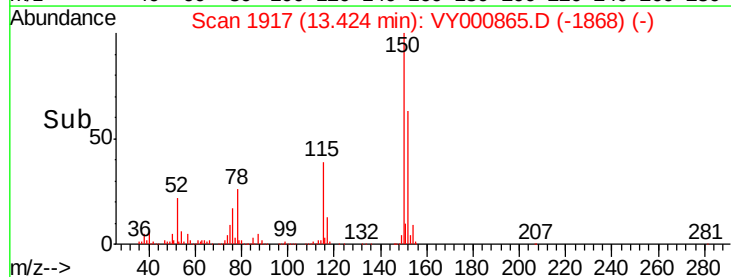
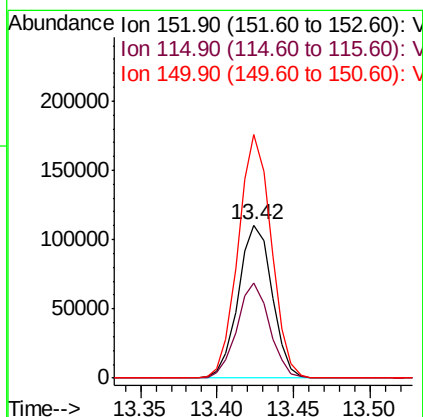
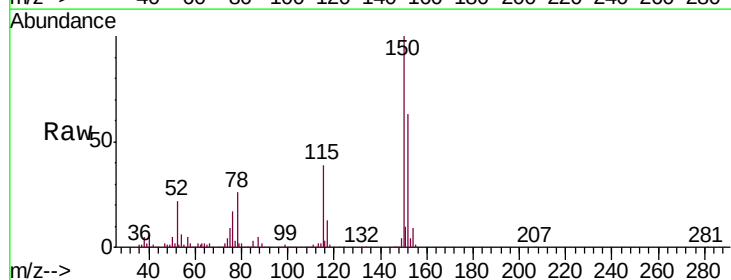
Instrument :
MSVOA_Y
ClientSampleId :
CMJ-01-COMP

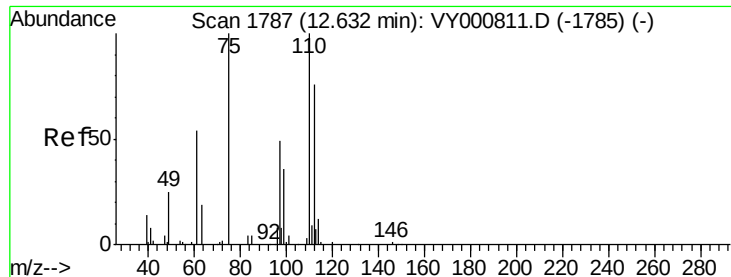
Tgt Ion:117 Resp: 367455
Ion Ratio Lower Upper
117 100
82 54.3 43.1 64.7
119 33.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000865.D
Acq: 04 Dec 2019 16:22

Tgt Ion:152 Resp: 168592
Ion Ratio Lower Upper
152 100
115 60.3 29.3 87.8
150 156.3 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 44.812 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Instrument :

MSVOA_Y

ClientSampleId :

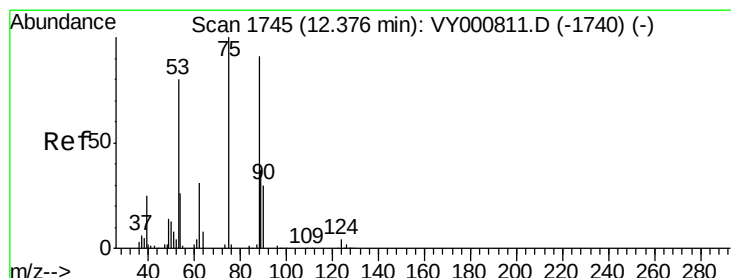
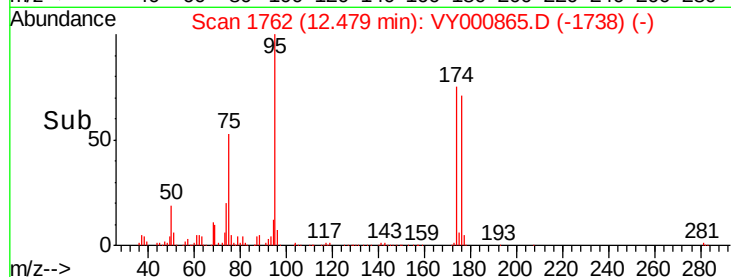
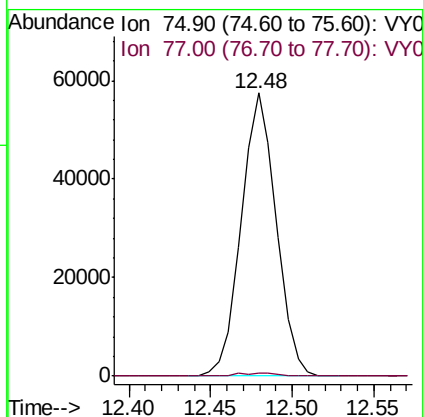
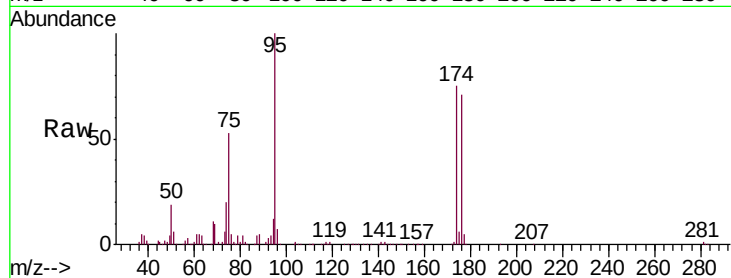
CMJ-01-COMP

Tgt Ion: 75 Resp: 85597

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.024 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000865.D

Acq: 04 Dec 2019 16:22

Tgt Ion: 75 Resp: 85597

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#

