

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000846.D
 Acq On : 03 Dec 2019 18:10
 Operator : SY/MD
 Sample : K6119-02
 Misc : 4.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:59:00 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	245219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	466692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	429555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194319	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	157370	60.40	ug/l	0.00
Spiked Amount			Recovery	=	120.80%	
35) Dibromofluoromethane	7.73	113	137556	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	10.18	98	560906	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.48	95	194918	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

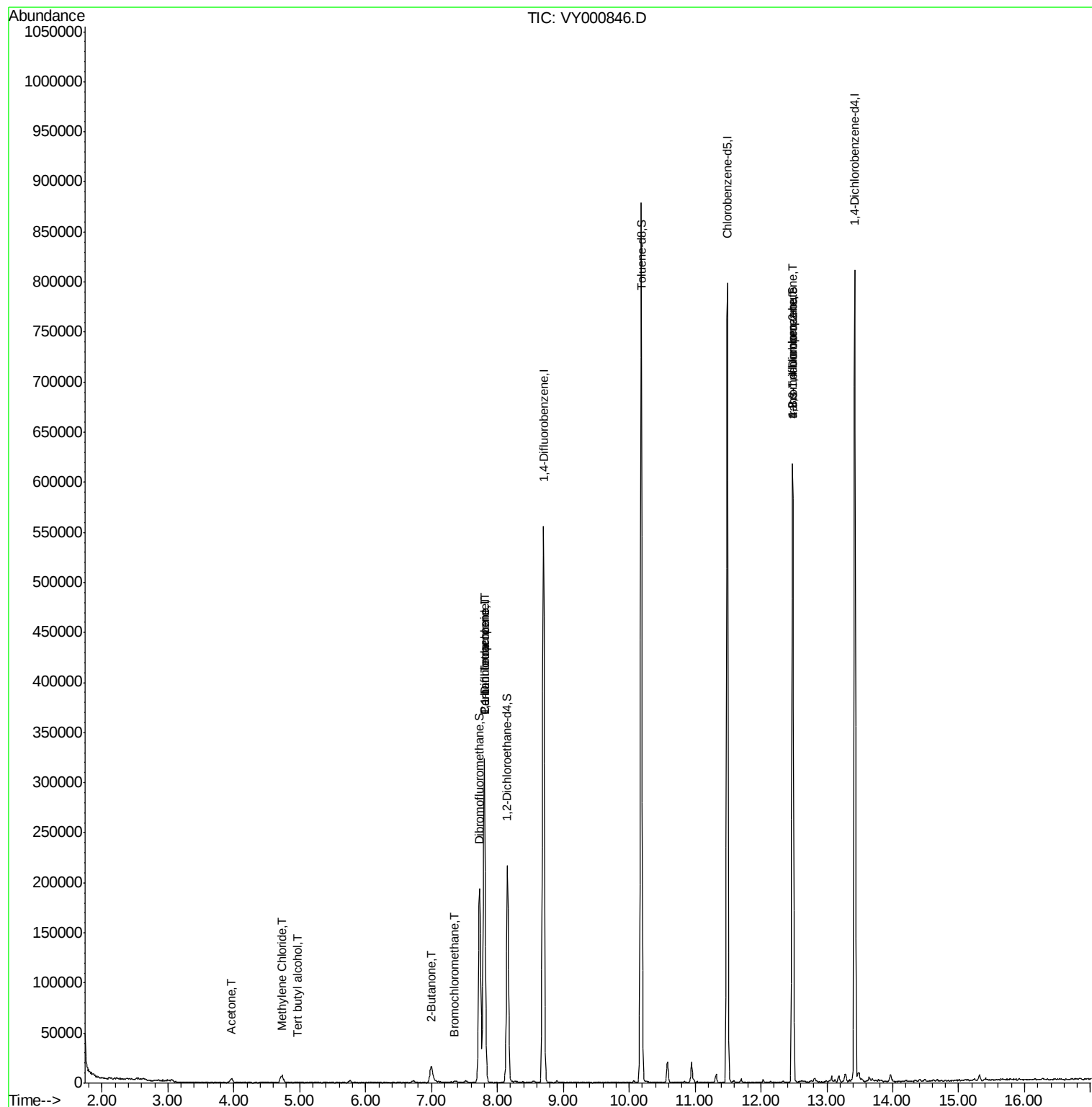
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	66	Below Cal		89
11) Tert butyl alcohol	4.97	59	326	1.244	ug/l #	35
16) Acetone	3.95	43	6768	11.323	ug/l #	79
20) Methylene Chloride	4.72	84	5830	1.850	ug/l #	68
25) 2-Butanone	7.00	43	1432	1.297	ug/l	90
28) Bromochloromethane	7.34	49	83	2.057	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	20700	4.461	ug/l #	50
38) Carbon Tetrachloride	7.80	117	24693	5.975	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	99081	45.004	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	99081	88.400	ug/l #	17

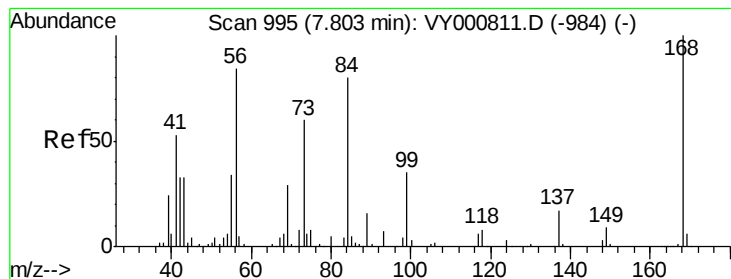
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
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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: VY000846.D

Acq: 03 Dec 2019 18:10

Instrument :

MSVOA_Y

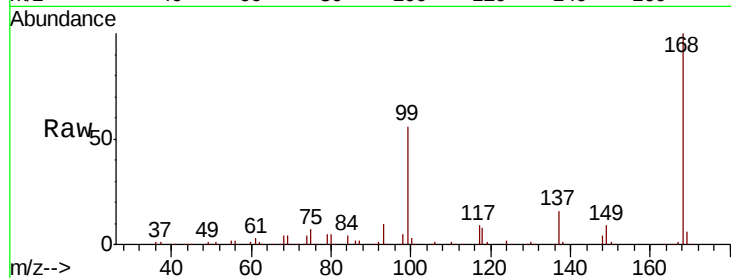
ClientSampled :

Tot Ion:168 Resp: 245219

Ion Ratio Lower Upper

168 100

99 56.4 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

120000

100000

80000

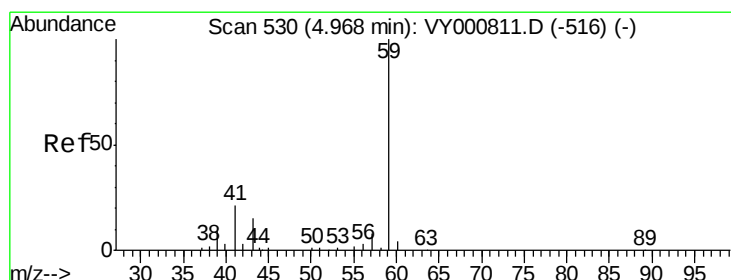
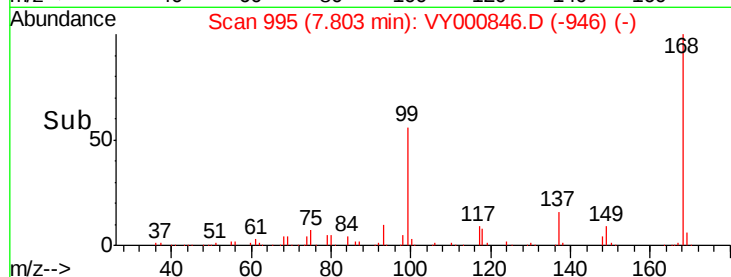
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.244 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000846.D

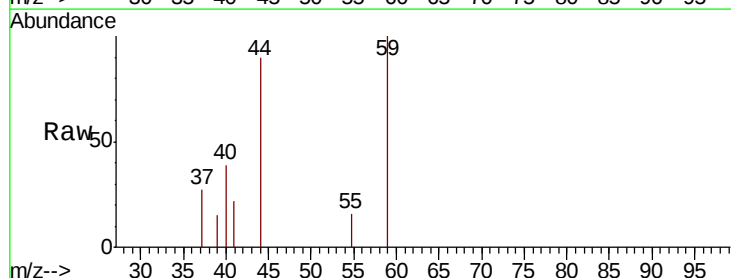
Acq: 03 Dec 2019 18:10

Tgt Ion: 59 Resp: 326

Ion Ratio Lower Upper

59 100

57 33.7 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000811.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY000811.D (-516) (-)

4.97

400

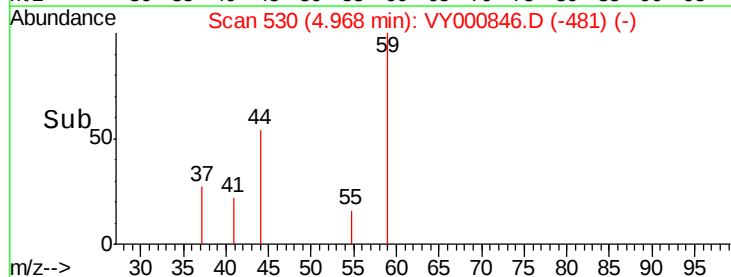
300

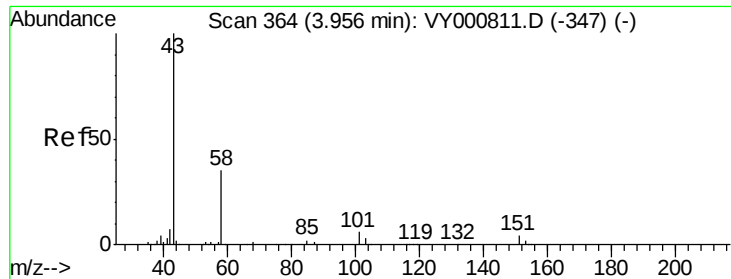
200

100

0

Time-->

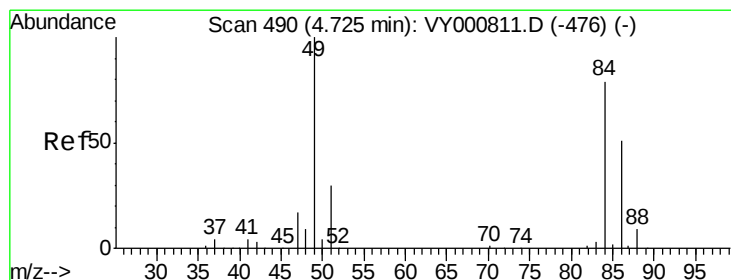
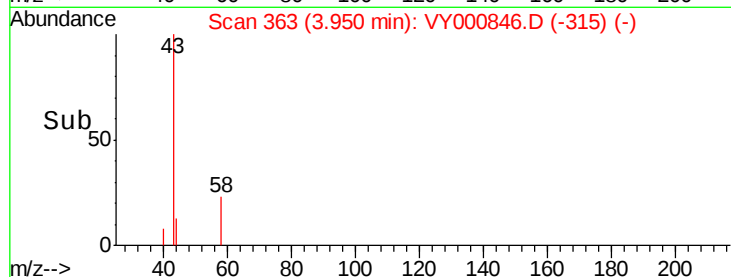
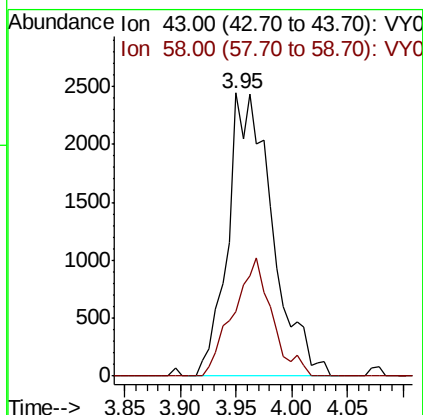
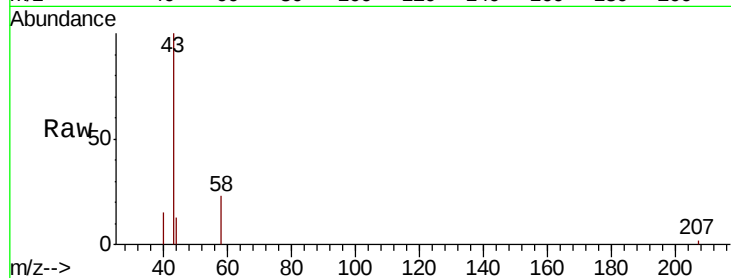




#16
Acetone
Concen: 11.323 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000846.D
Acq: 03 Dec 2019 18:10

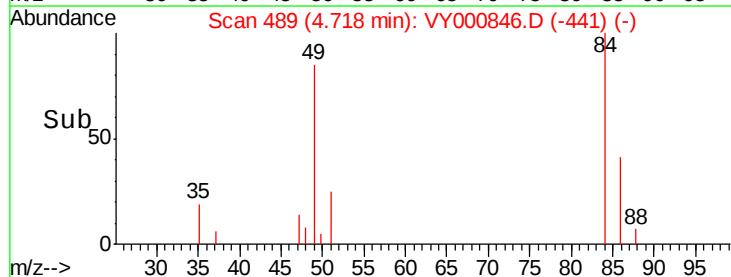
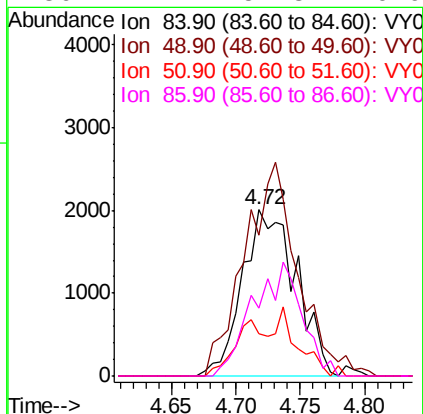
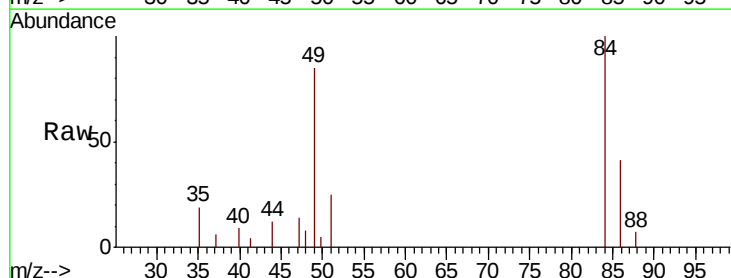
Instrument :
MSVOA_Y
ClientSampled :

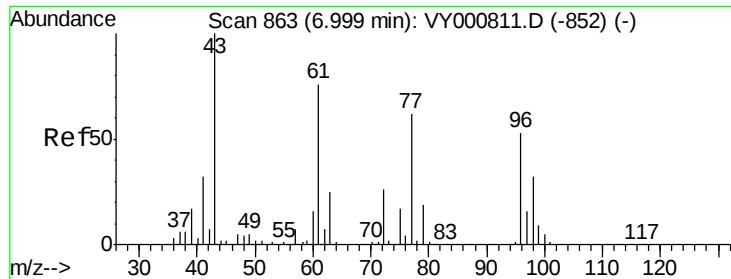
Tot Ion: 43 Resp: 6768
Ion Ratio Lower Upper
43 100
58 23.0 28.0 42.0#



#20
Methylene Chloride
Concen: 1.850 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000846.D
Acq: 03 Dec 2019 18:10

Tgt Ion: 84 Resp: 5830
Ion Ratio Lower Upper
84 100
49 84.7 101.3 151.9#
51 25.1 30.6 45.8#
86 41.1 51.3 76.9#





#25

2-Butanone

Concen: 1.297 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000846.D

Acq: 03 Dec 2019 18:10

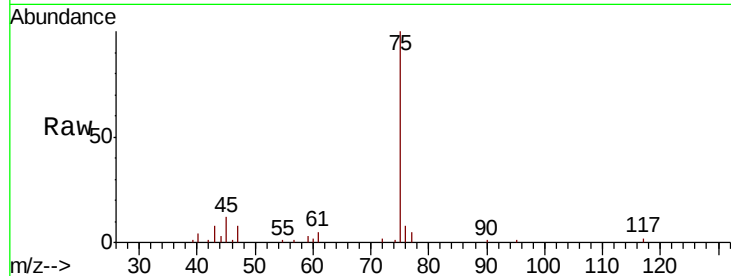
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1432

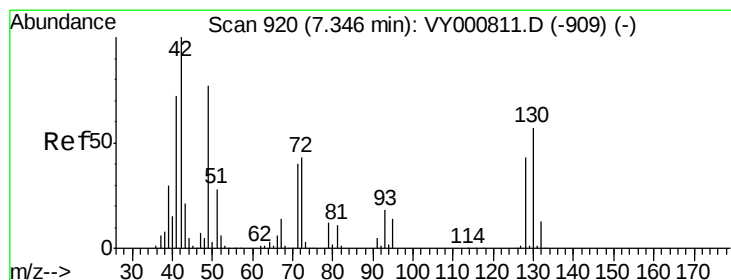
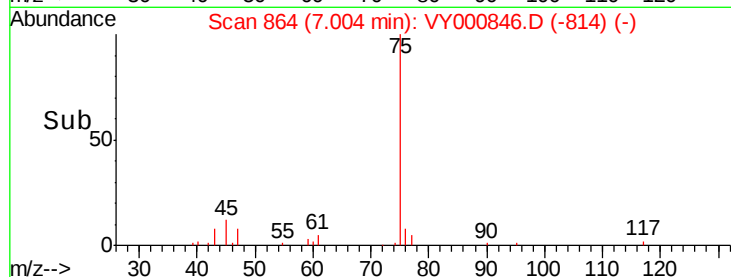
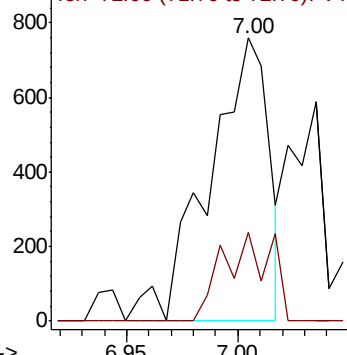
Ion Ratio Lower Upper

43 100

72 31.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#28

Bromochloromethane

Concen: 2.057 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY000846.D

Acq: 03 Dec 2019 18:10

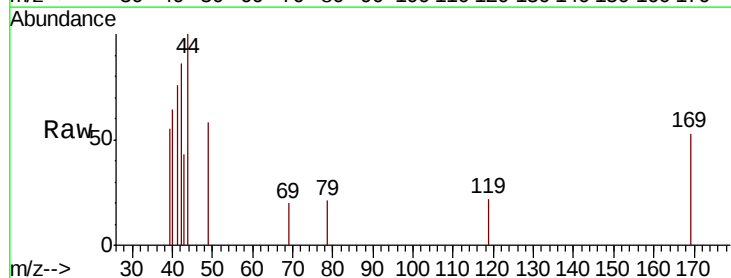
Tgt Ion: 49 Resp: 83

Ion Ratio Lower Upper

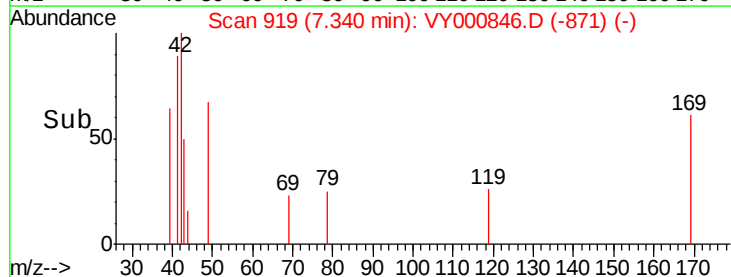
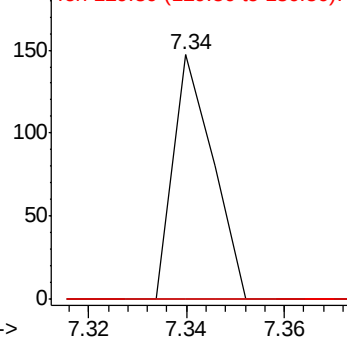
49 100

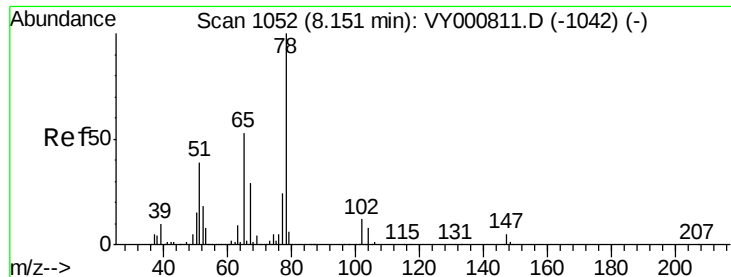
129 0.0 0.0 3.8

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

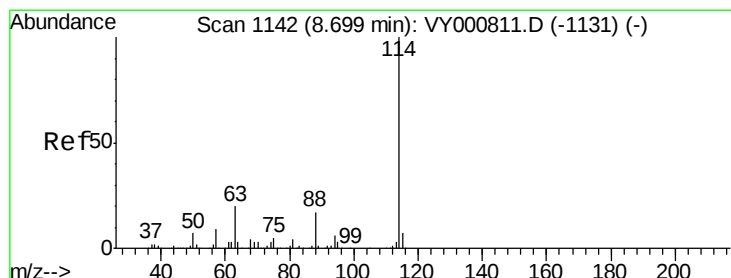
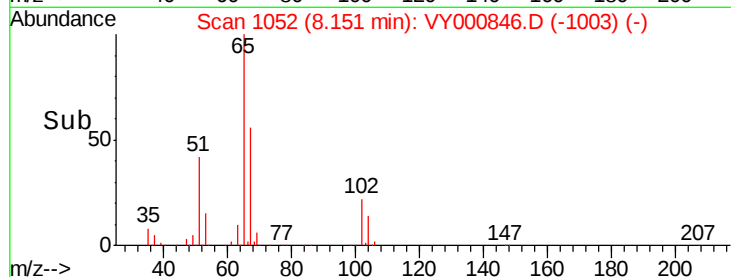
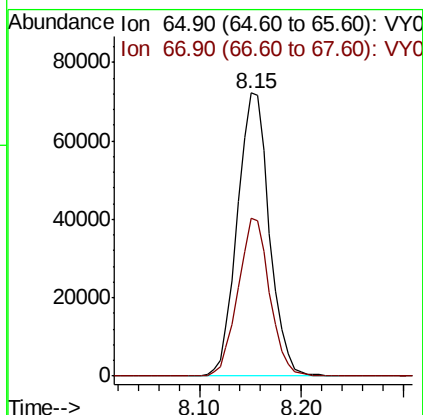
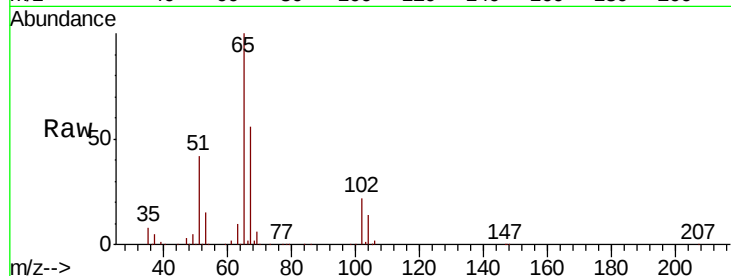




#33
 1,2-Dichloroethane-d4
 Concen: 60.395 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000846.D
 Acq: 03 Dec 2019 18:10

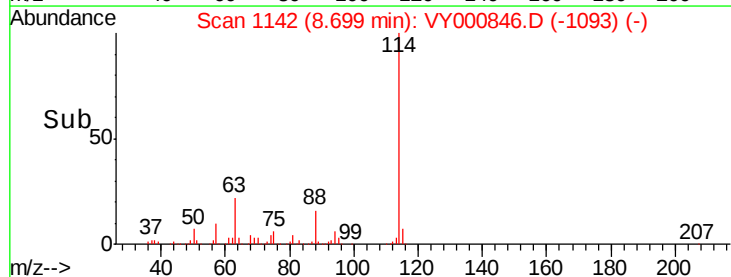
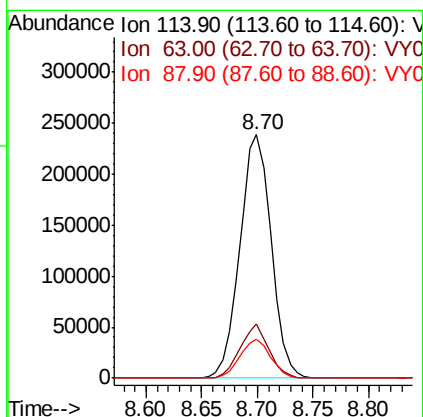
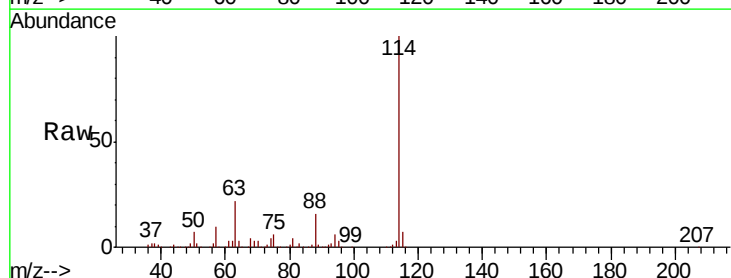
Instrument :
 MSVOA_Y
 ClientSampled :

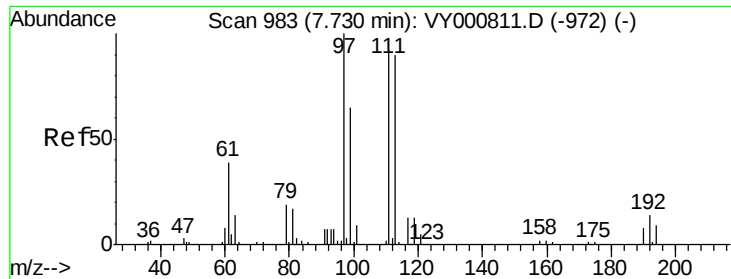
Tot Ion: 65 Resp: 157370
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000846.D
 Acq: 03 Dec 2019 18:10

Tgt Ion: 114 Resp: 466692
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 39.8
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.574 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000846.D

Acq: 03 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :

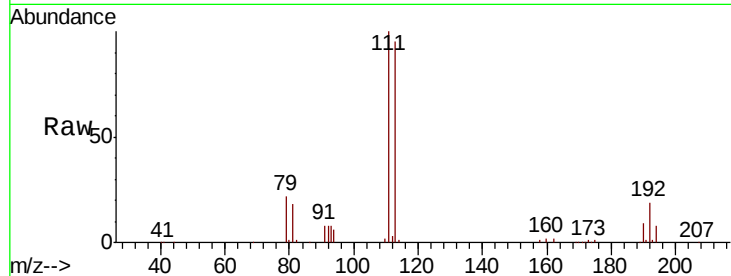
Tot Ion:113 Resp: 137556

Ion Ratio Lower Upper

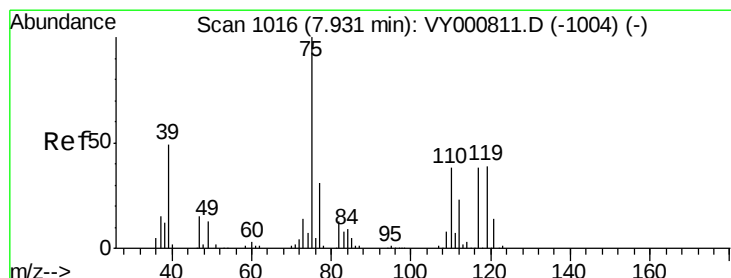
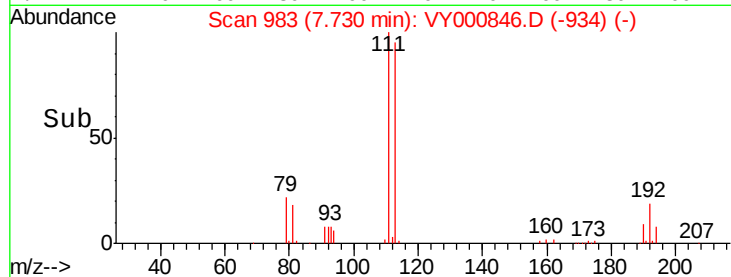
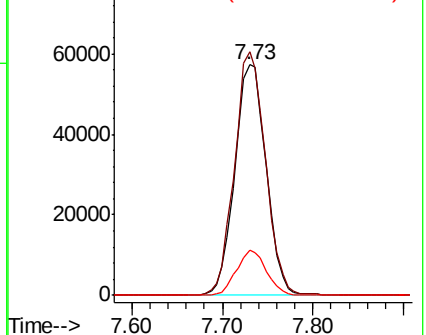
113 100

111 104.0 82.4 123.6

192 18.4 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: 4.461 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000846.D

Acq: 03 Dec 2019 18:10

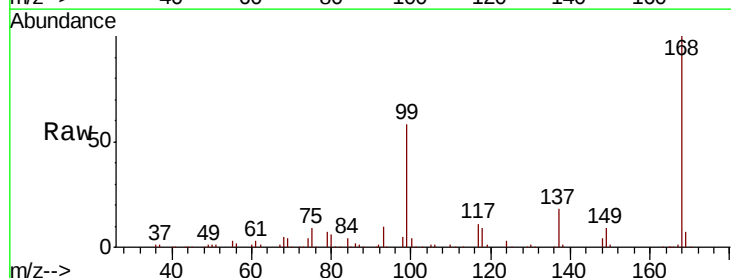
Tgt Ion: 75 Resp: 20700

Ion Ratio Lower Upper

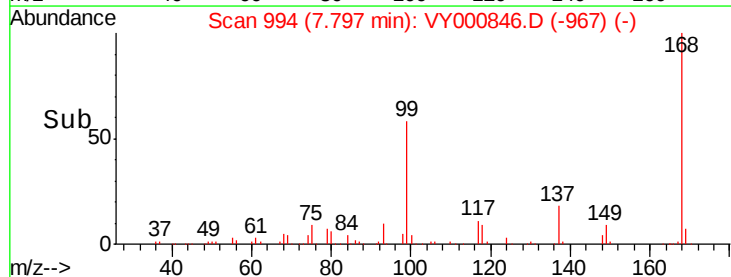
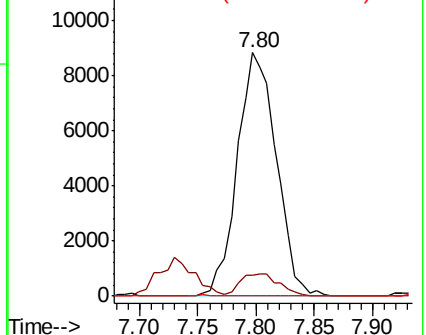
75 100

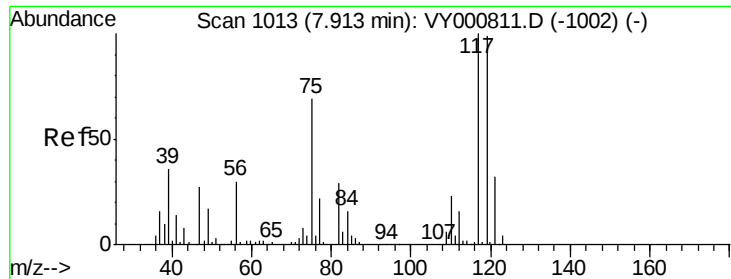
110 9.2 17.9 53.7#

77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

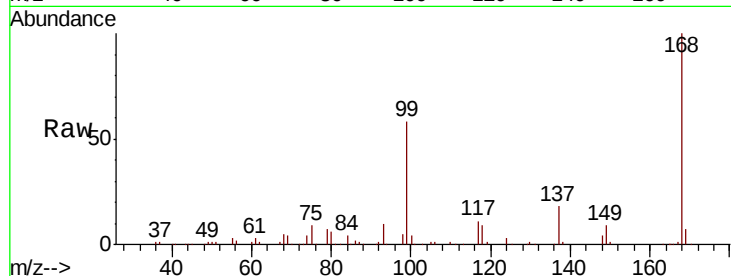




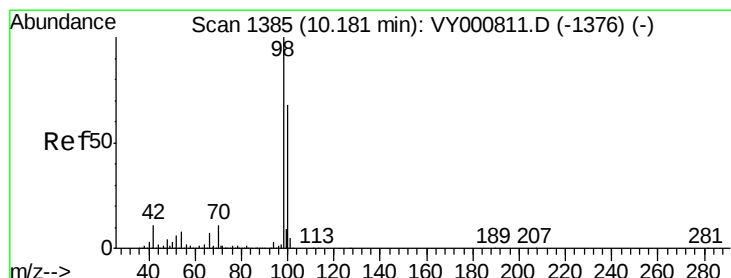
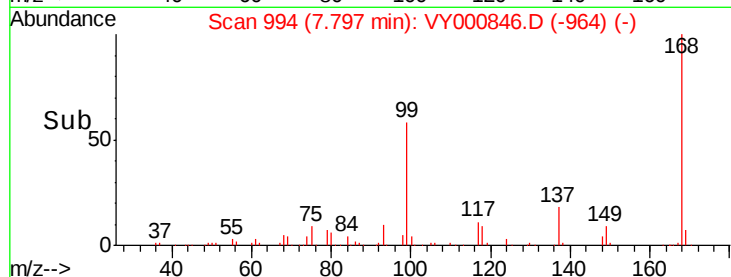
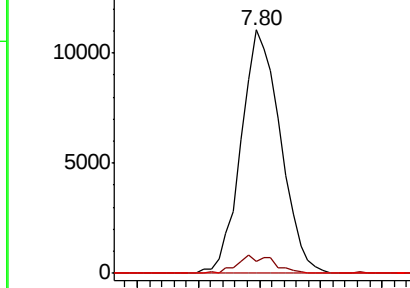
#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000846.D
Acq: 03 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 24693
Ion Ratio Lower Upper
117 100
119 4.8 79.3 118.9#
121 0.0 25.5 38.3#

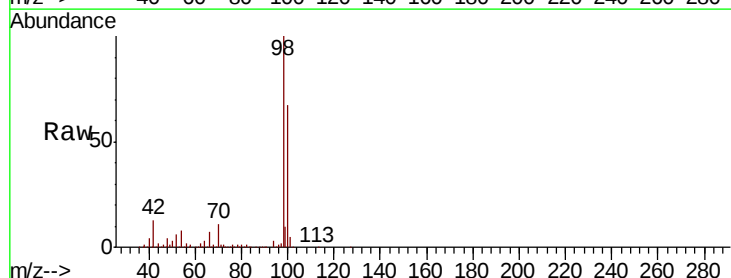


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

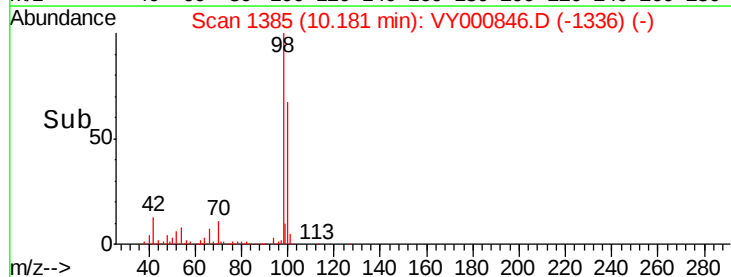
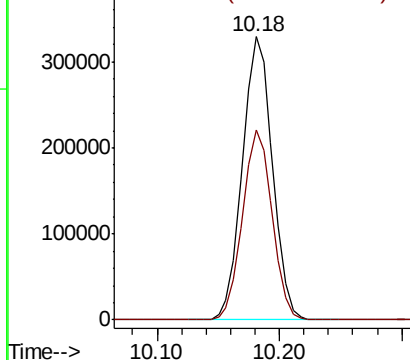


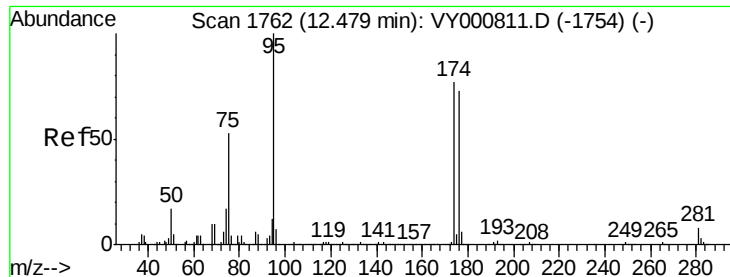
#50
Toluene-d8
Concen: 51.583 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000846.D
Acq: 03 Dec 2019 18:10

Tgt Ion: 98 Resp: 560906
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



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

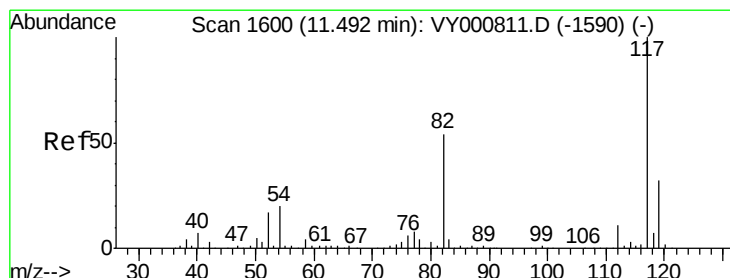
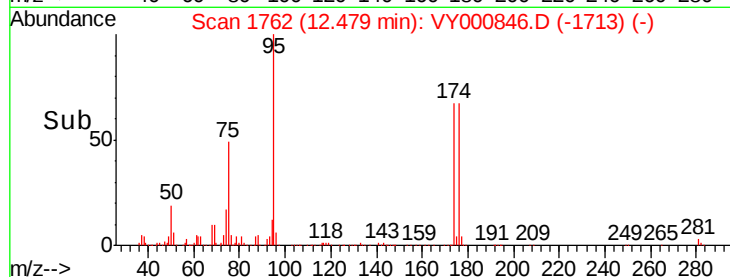
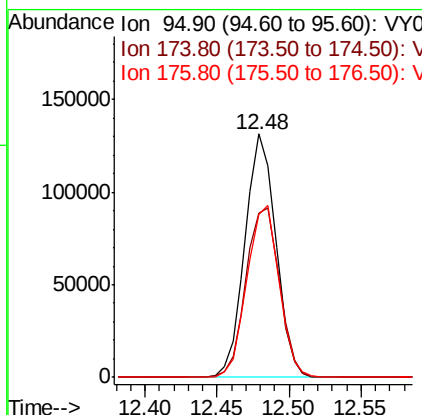
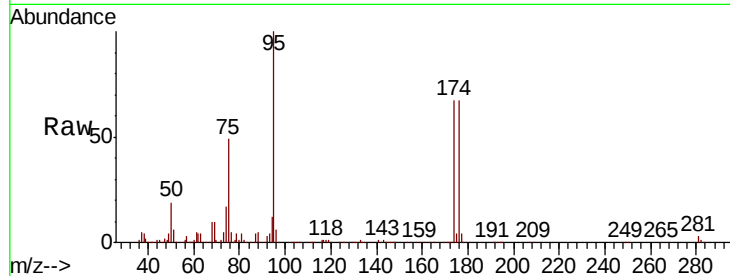




#62
4-Bromofluorobenzene
Concen: 47.730 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000846.D
Acq: 03 Dec 2019 18:10

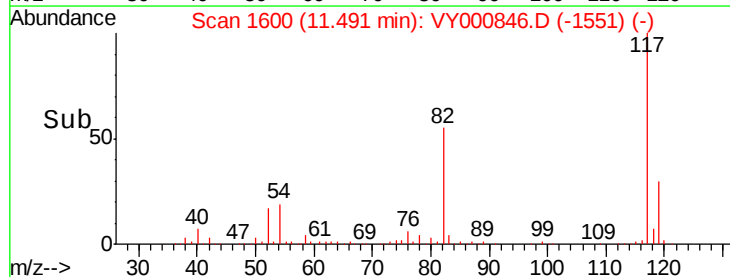
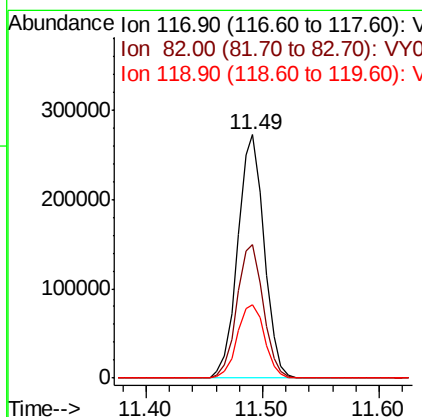
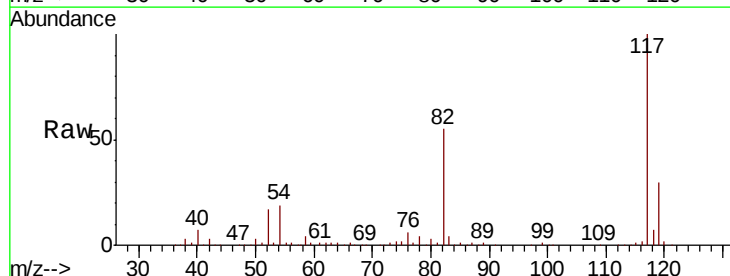
Instrument :
MSVOA_Y
ClientSampleId :

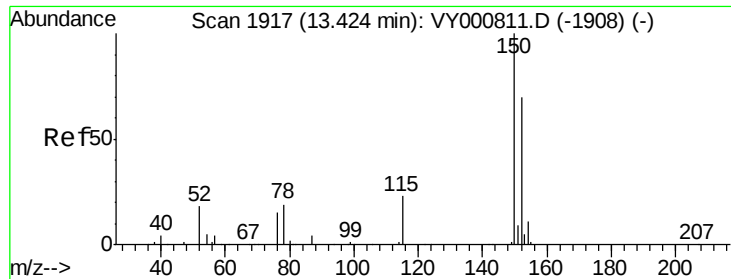
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	150.6
176	73.2	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000846.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.1	64.7
119	30.4	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: VY000846.D

Acq: 03 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

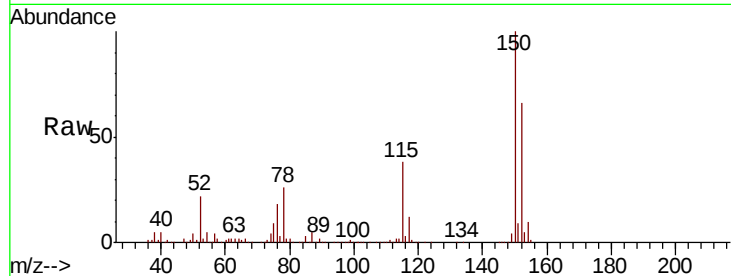
Tot Ion:152 Resp: 194319

Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.8

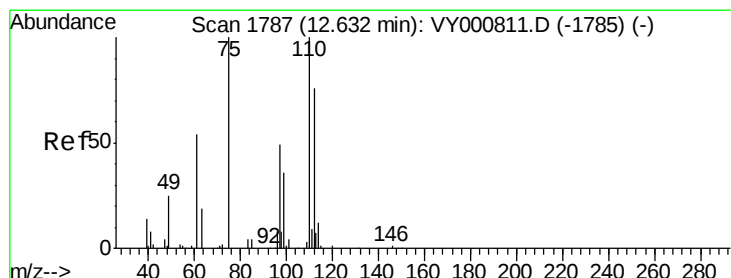
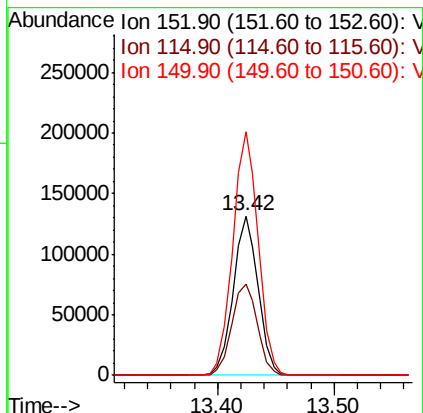
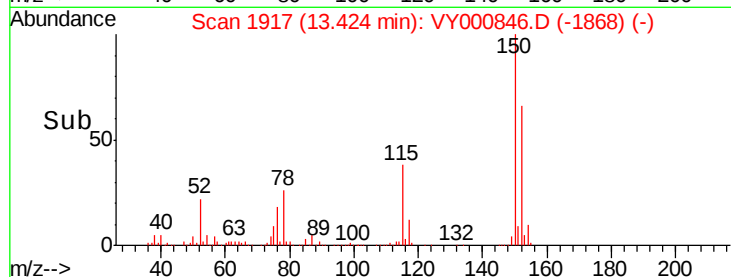
150 156.2 0.0 351.2



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: 45.004 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000846.D

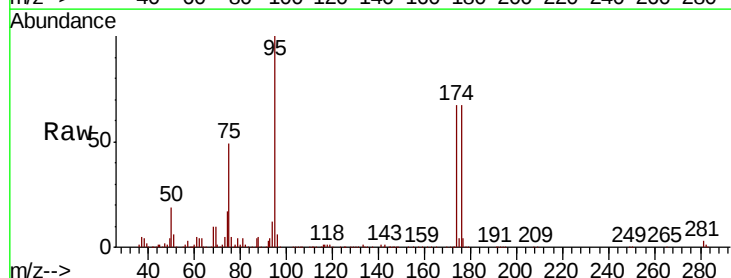
Acq: 03 Dec 2019 18:10

Tgt Ion: 75 Resp: 99081

Ion Ratio Lower Upper

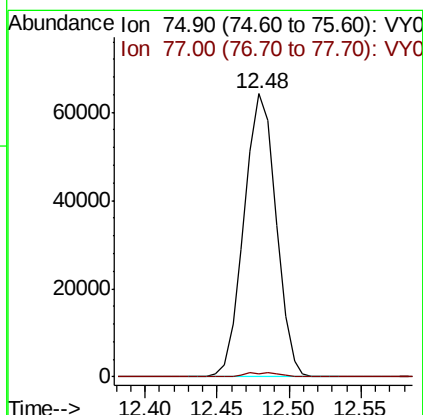
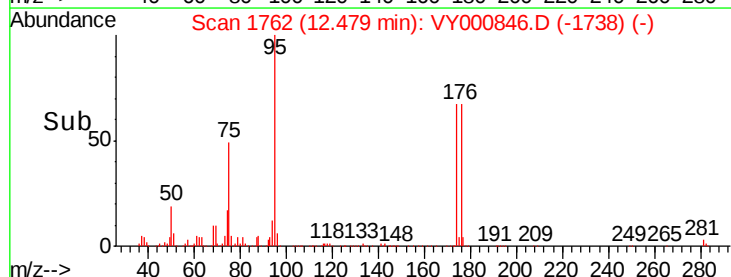
75 100

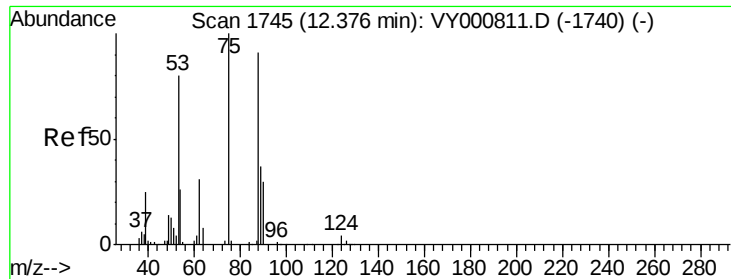
77 1.5 0.0 0.0#



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: 88.400 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000846.D

Acq: 03 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

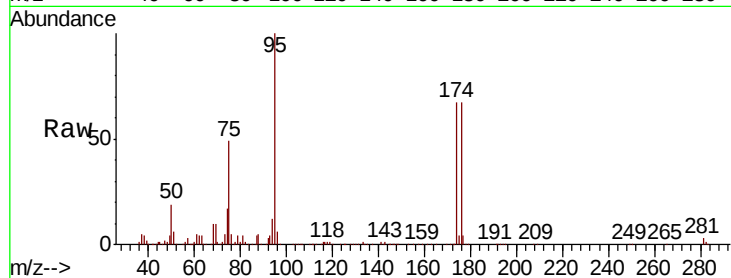
Tot Ion: 75 Resp: 99081

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#



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

