

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000881.D
 Acq On : 05 Dec 2019 14:33
 Operator : SY/MD
 Sample : K6147-05
 Misc : 4.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC005

Quant Time: Dec 06 04:01:12 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	218850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	367299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165738	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	136481	58.69	ug/l	0.00
Spiked Amount			Recovery	=	117.38%	
35) Dibromofluoromethane	7.73	113	119056	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.18	98	493554	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	161909	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	

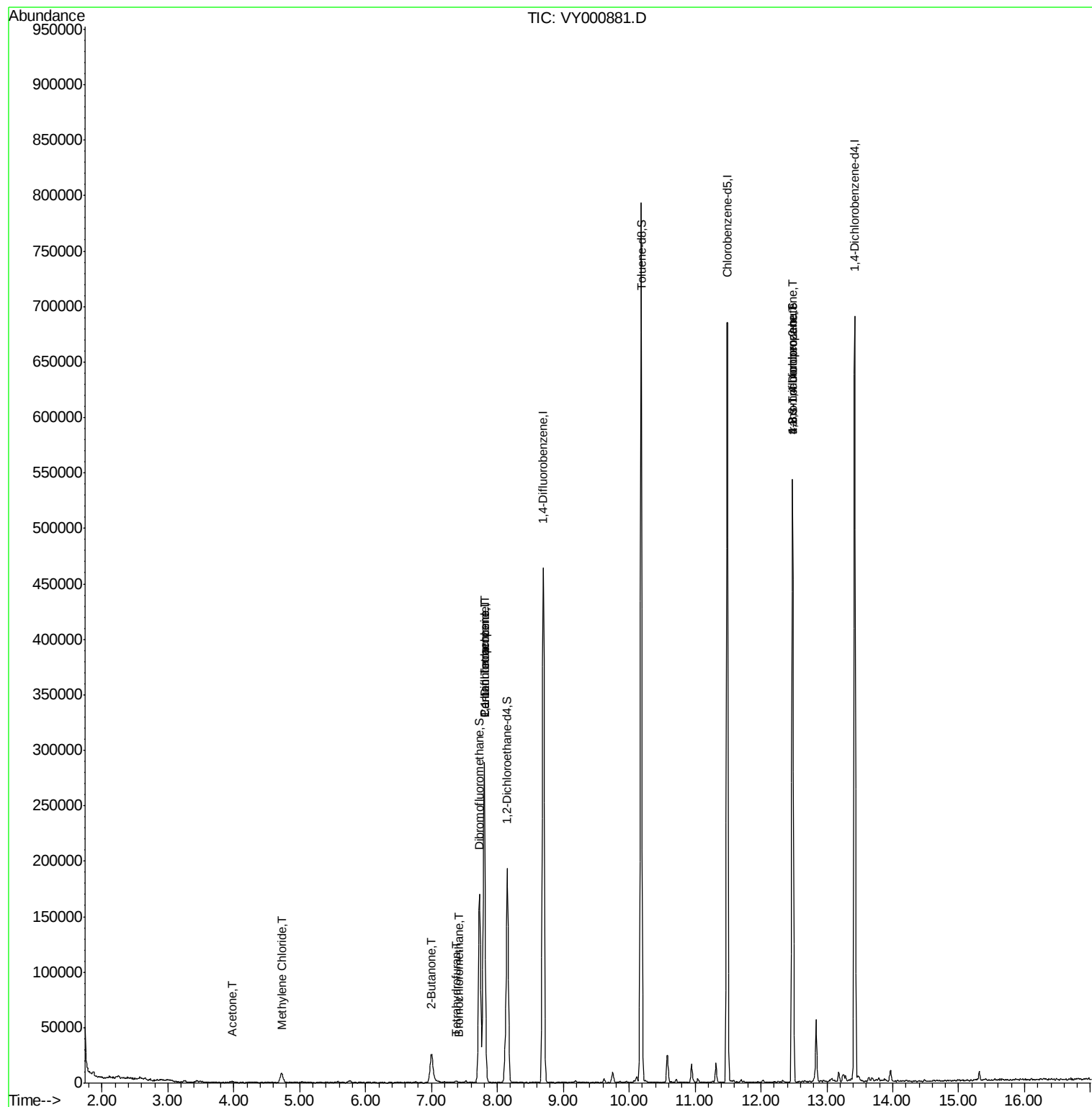
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	25	Below Cal	#	78
16) Acetone	3.97	43	1539	2.885	ug/l #	77
20) Methylene Chloride	4.73	84	6126	2.179	ug/l #	85
25) 2-Butanone	7.00	43	1717	1.742	ug/l #	76
28) Bromochloromethane	7.41	49	37	2.036	ug/l #	15
29) Tetrahydrofuran	7.37	42	664	1.017	ug/l #	80
36) 1,1-Dichloropropene	7.80	75	18659	4.536	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21901	5.979	ug/l #	13
76) 1,2,3-Trichloropropane	12.48	75	85055	45.295	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85055	88.973	ug/l #	17

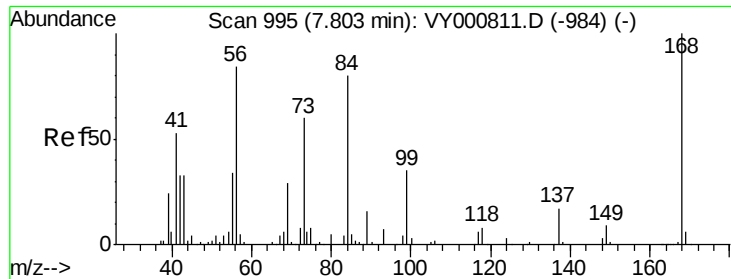
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000881.D
Acq On : 05 Dec 2019 14:33
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Misc : 4.72G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-WC005

Quant Time: Dec 06 04:01:12 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: VY000881.D

Acq: 05 Dec 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

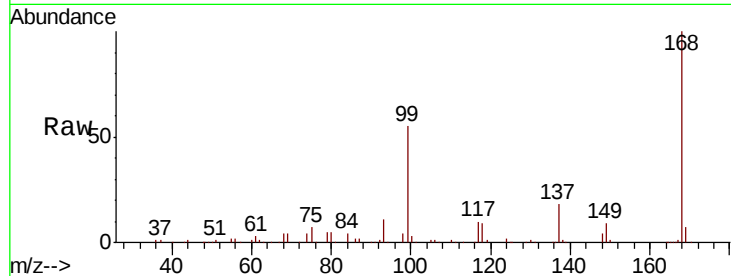
P001-WC005

Tot Ion:168 Resp: 218850

Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000881.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000881.D (-984) (-)

7.80

100000

80000

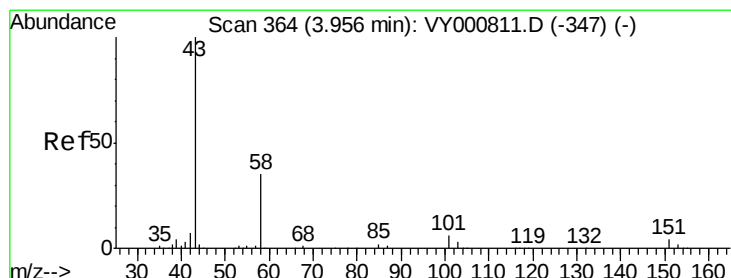
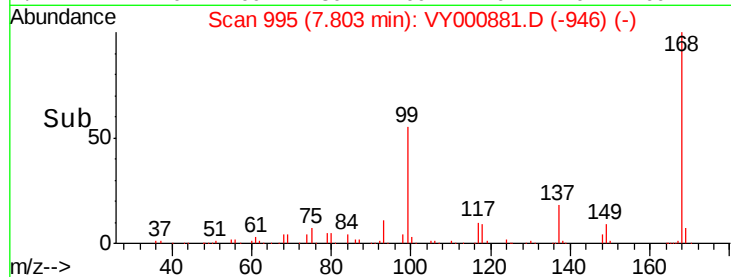
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.885 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000881.D

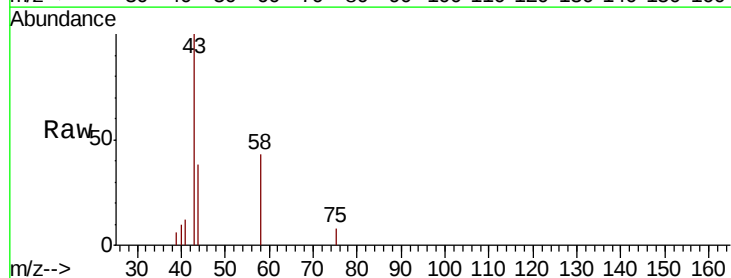
Acq: 05 Dec 2019 14:33

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

43 100

58 48.2 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000881.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000881.D (-347) (-)

3.97

1000

800

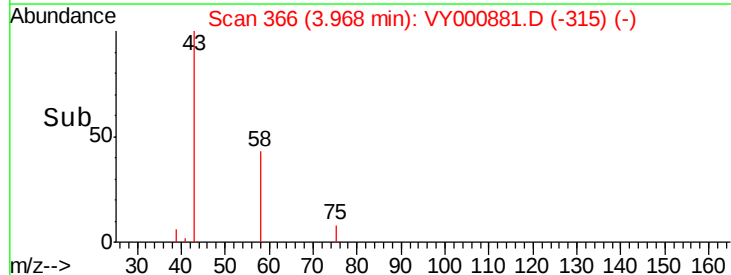
600

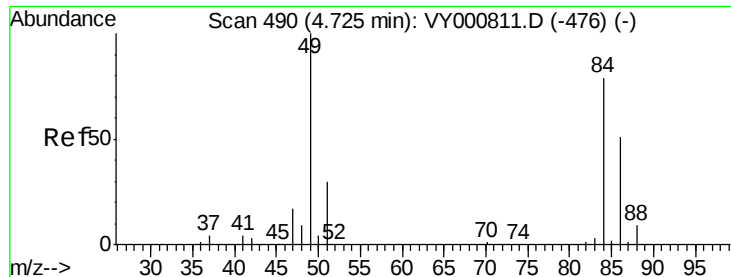
400

200

0

Time-->

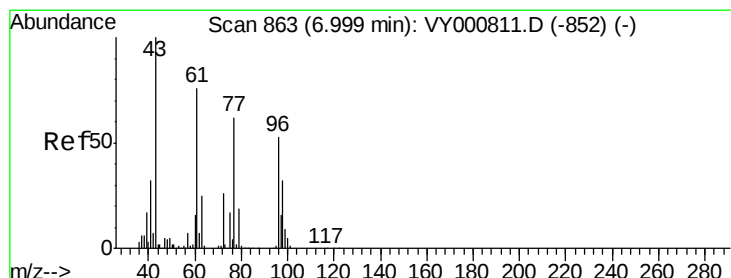
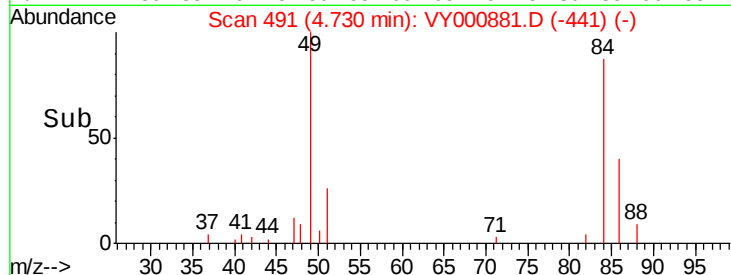
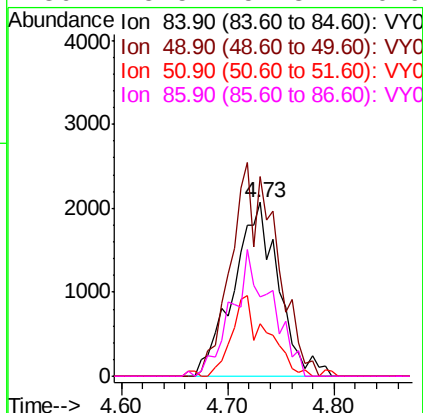
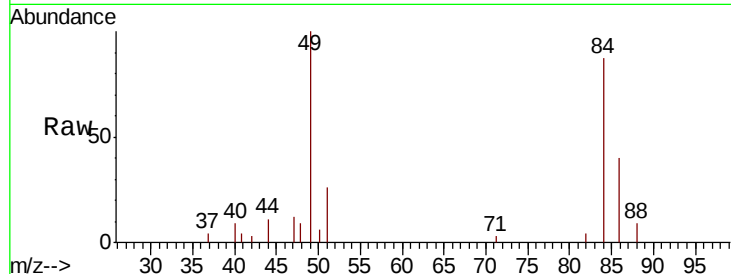




#20
Methvlene Chloride
Concen: 2.179 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

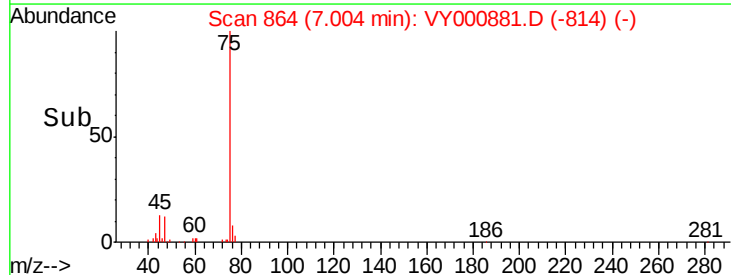
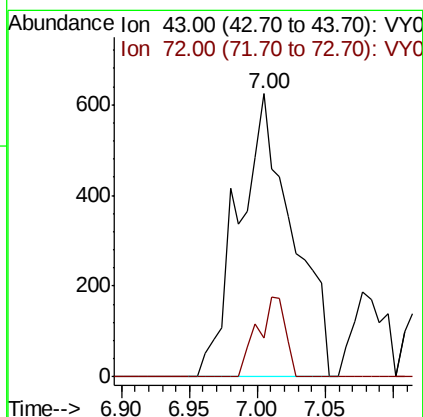
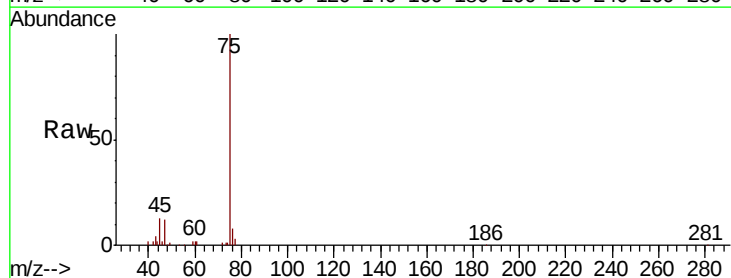
Instrument :
MSVOA_Y
ClientSampleId :
P001-WC005

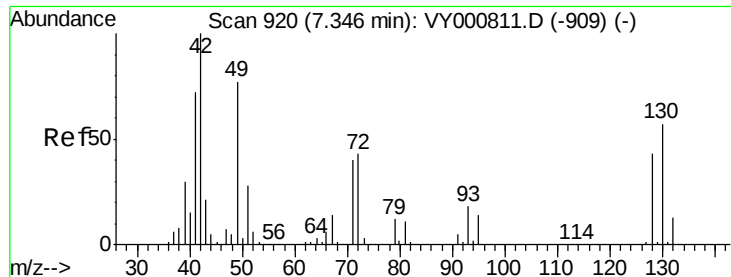
Tot Ion: 84 Resp: 6126
Ion Ratio Lower Upper
84 100
49 114.8 101.3 151.9
51 30.3 30.6 45.8#
86 45.5 51.3 76.9#



#25
2-Butanone
Concen: 1.742 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
72 13.8 21.0 31.4#





#28

Bromochloromethane

Concen: 2.036 ug/l

RT: 7.41 min Scan# 931

Delta R.T. 0.07 min

Lab File: VY000881.D

Acq: 05 Dec 2019 14:33

Instrument :

MSVOA_Y

ClientSampled :

P001-WC005

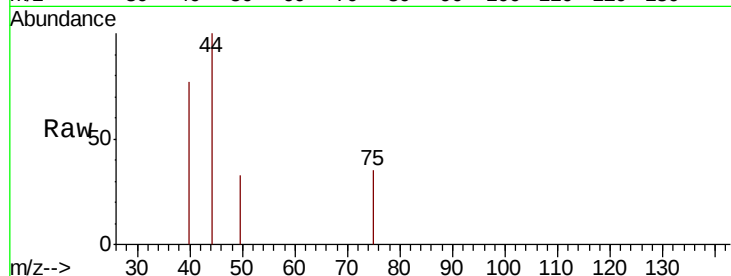
Tot Ion: 49 Resp: 37

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

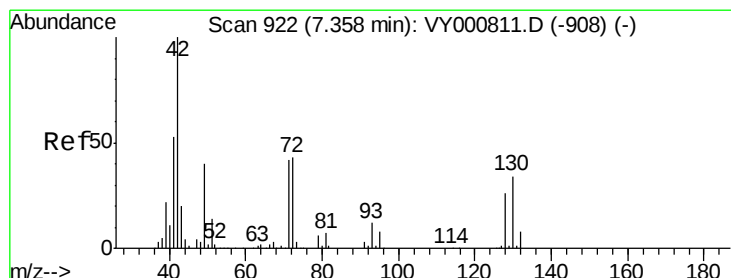
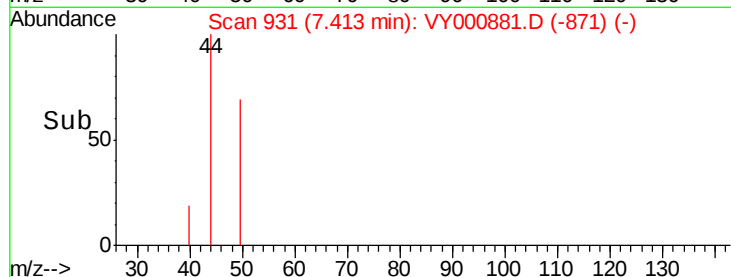
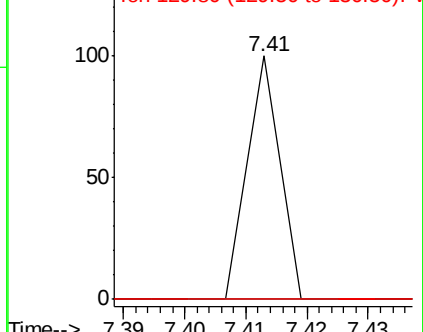
130 0.0 58.7 88.1#



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



#29

Tetrahydrofuran

Concen: 1.017 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY000881.D

Acq: 05 Dec 2019 14:33

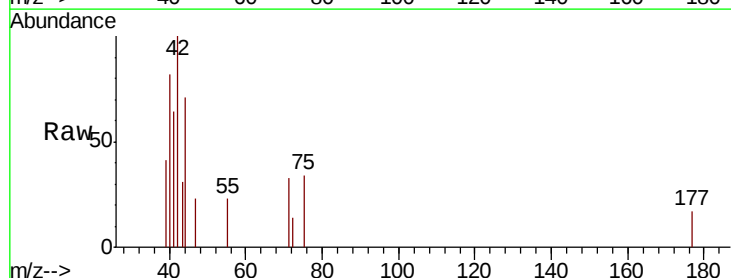
Tgt Ion: 42 Resp: 664

Ion Ratio Lower Upper

42 100

72 22.1 35.1 52.7#

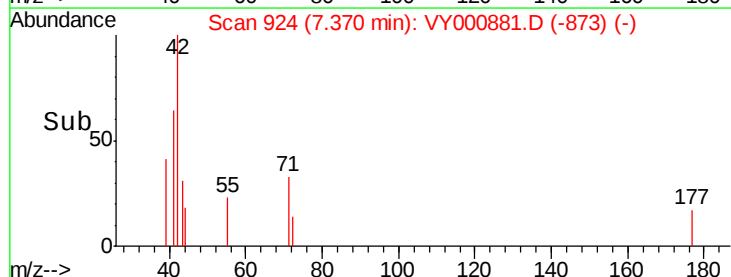
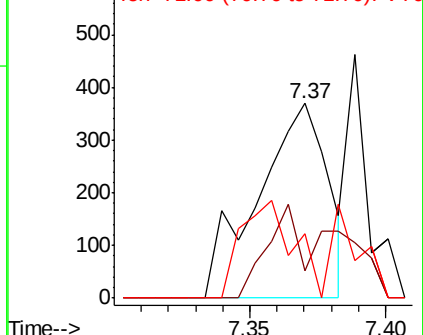
71 37.2 32.8 49.2

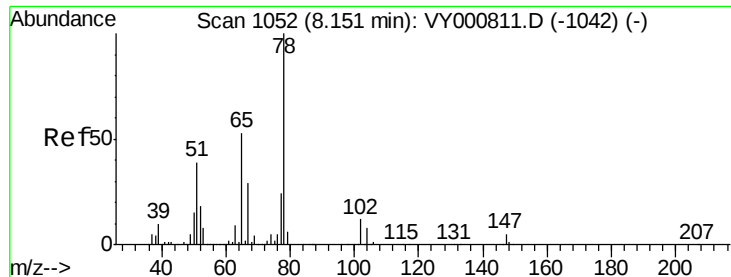


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

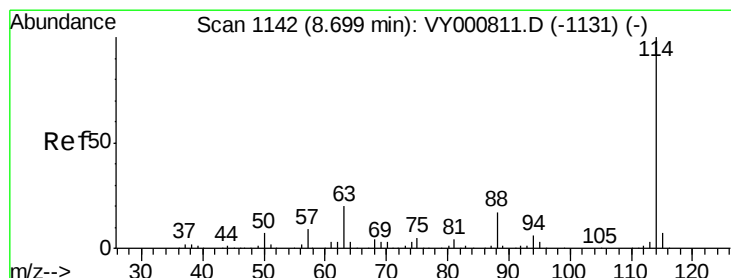
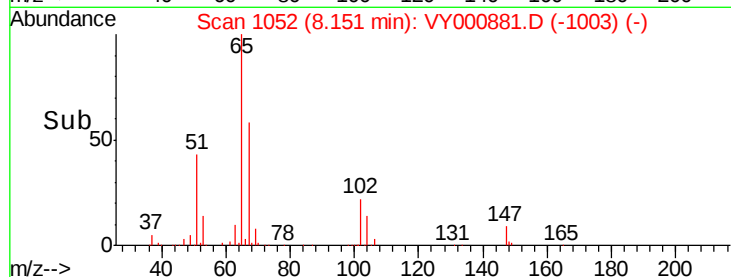
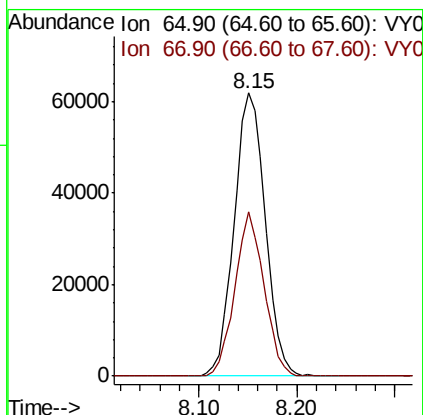
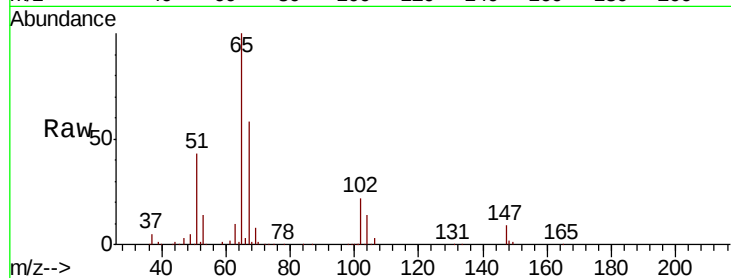




#33
 1,2-Dichloroethane-d4
 Concen: 58.690 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000881.D
 Acq: 05 Dec 2019 14:33

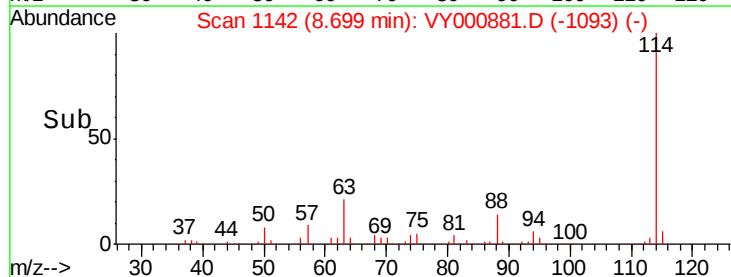
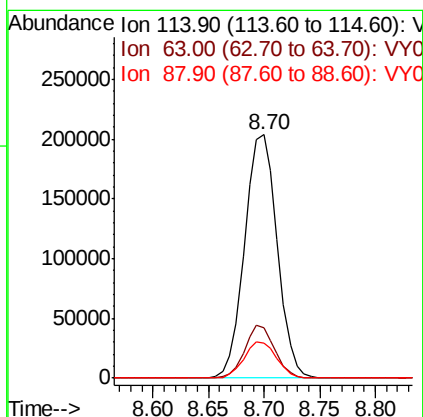
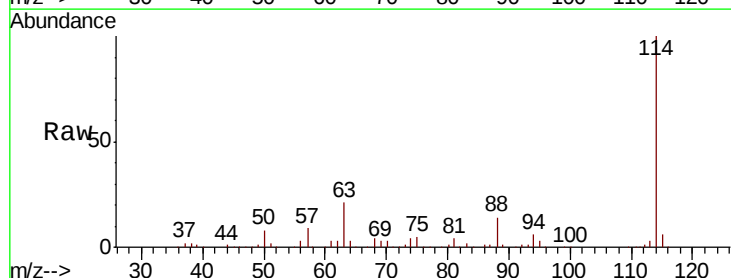
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC005

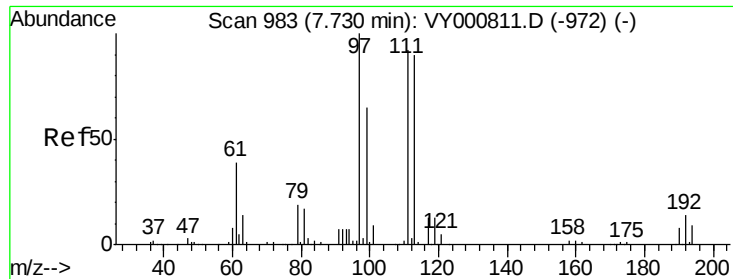
Tot Ion: 65 Resp: 136481
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000881.D
 Acq: 05 Dec 2019 14:33

Tgt Ion: 114 Resp: 413684
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 14.5 0.0 33.2

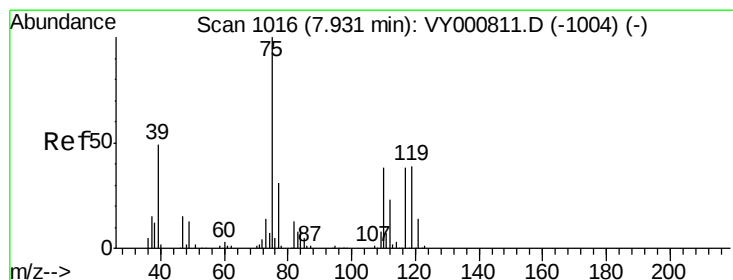
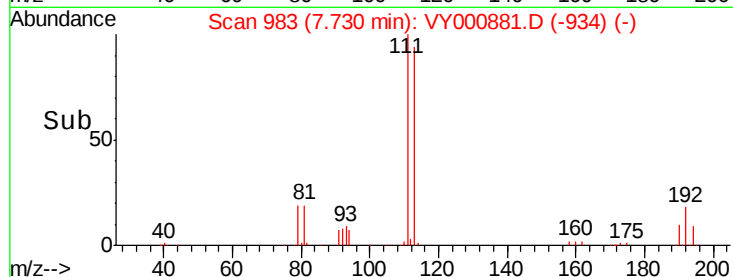
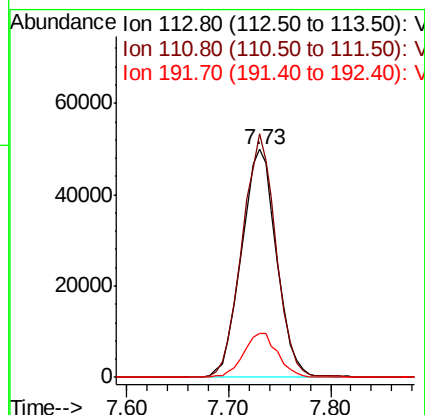
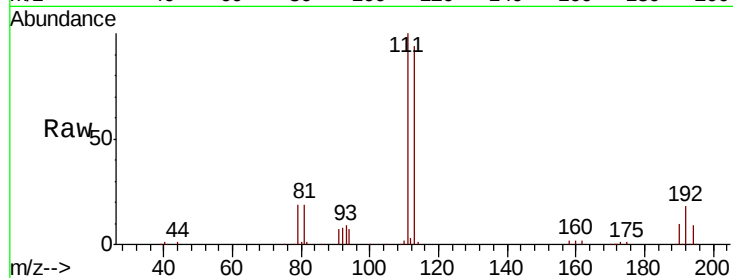




#35
 Dibromofluoromethane
 Concen: 49.381 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000881.D
 Acq: 05 Dec 2019 14:33

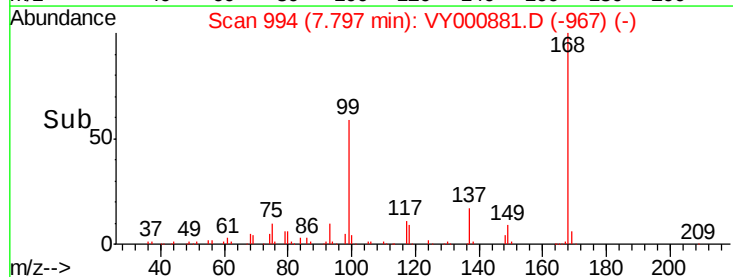
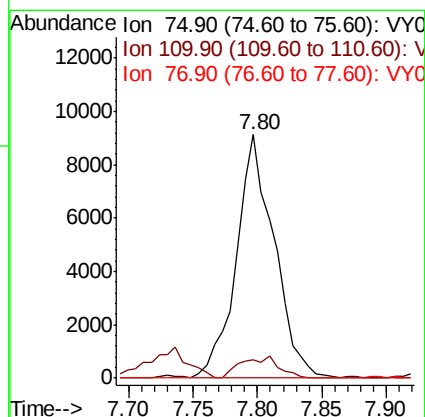
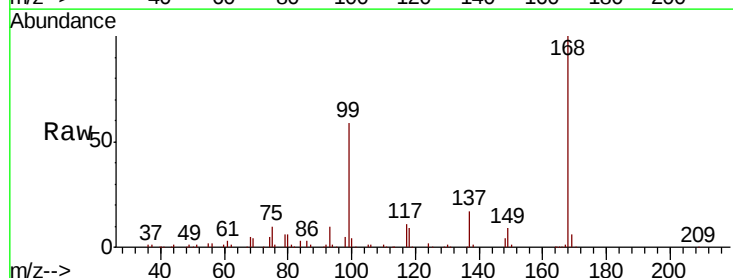
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC005

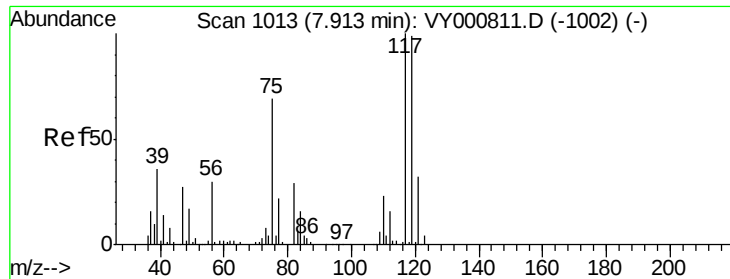
Tot Ion:113 Resp: 119056
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 18.7 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.536 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000881.D
 Acq: 05 Dec 2019 14:33

Tgt Ion: 75 Resp: 18659
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.9 53.7#
 77 0.0 24.7 37.1#

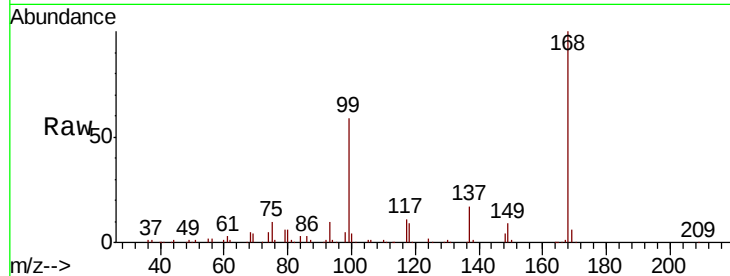




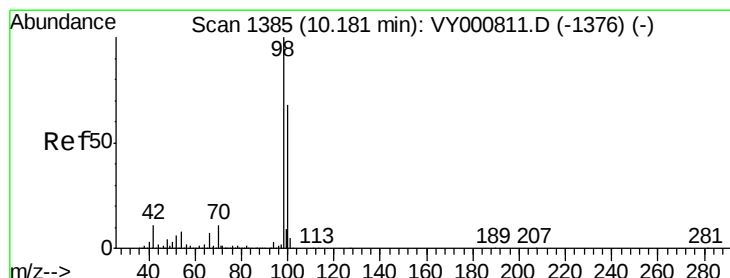
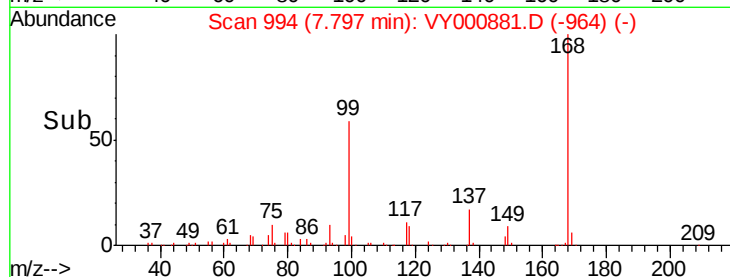
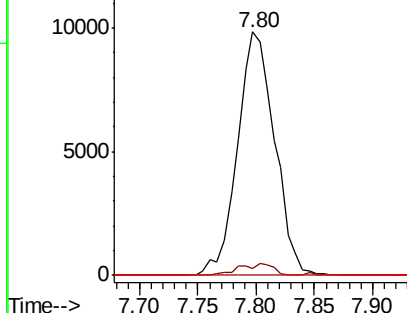
#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Instrument :
MSVOA_Y
ClientSampled :
P001-WC005

Tot Ion:117 Resp: 21901
Ion Ratio Lower Upper
117 100
119 2.8 79.3 118.9#
121 0.0 25.5 38.3#

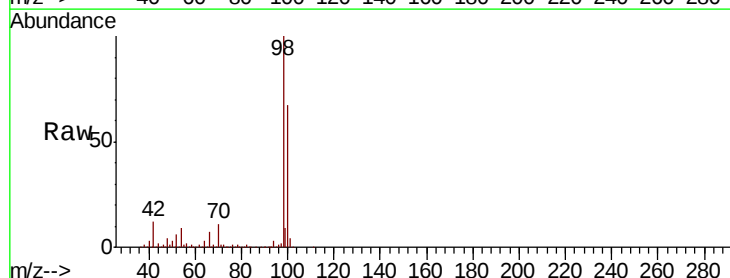


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

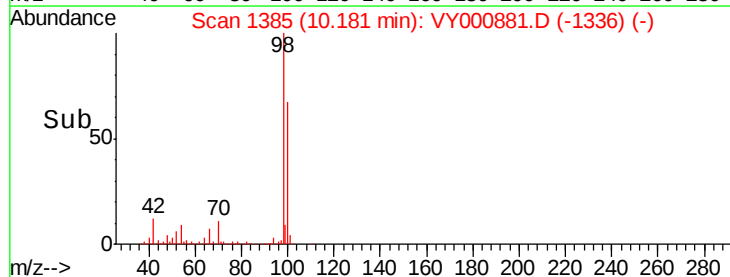
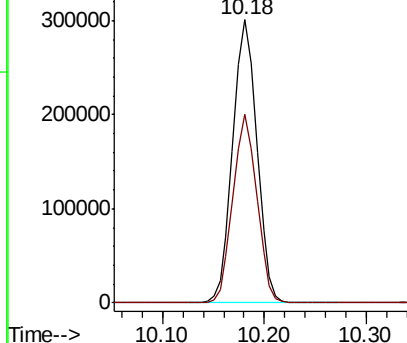


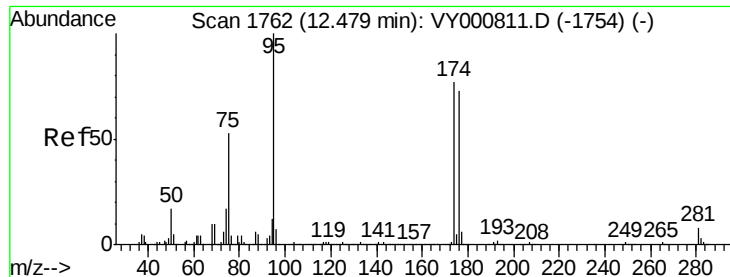
#50
Toluene-d8
Concen: 51.205 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Tgt Ion: 98 Resp: 493554
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



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

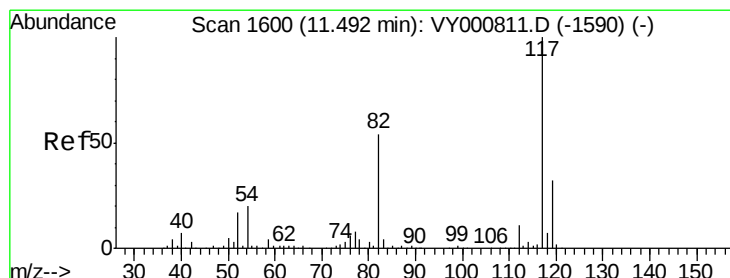
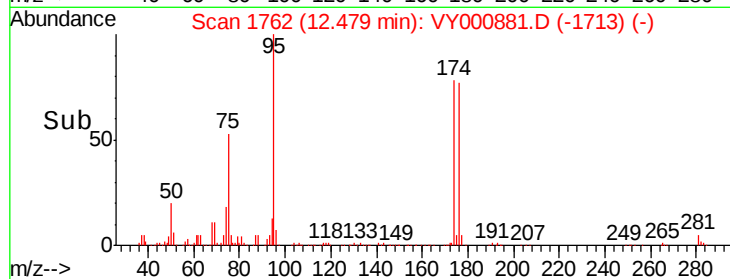
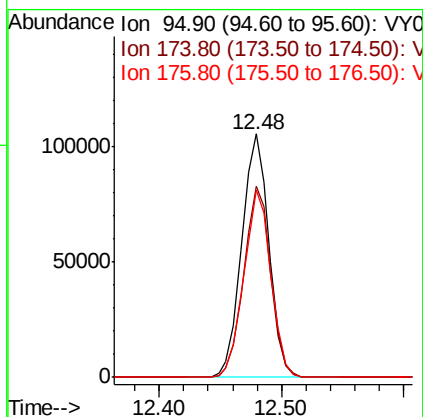
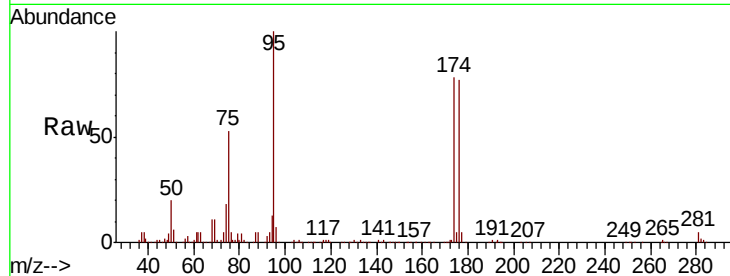




#62
4-Bromofluorobenzene
Concen: 44.728 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

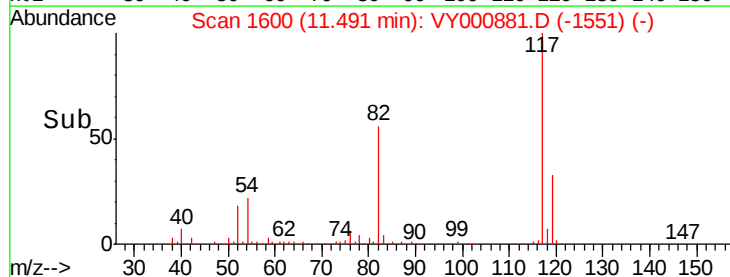
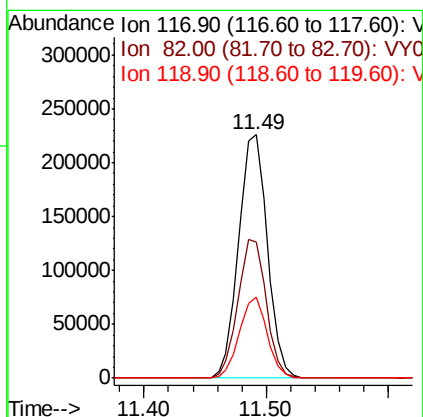
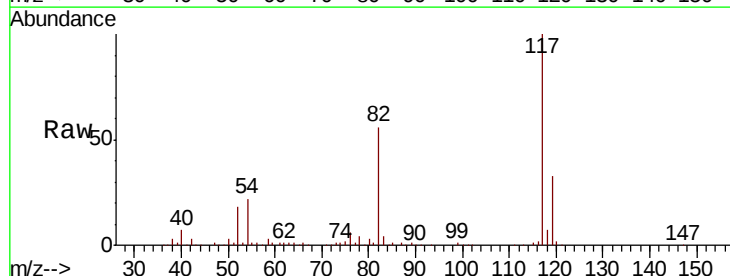
Instrument :
MSVOA_Y
ClientSampleId :
P001-WC005

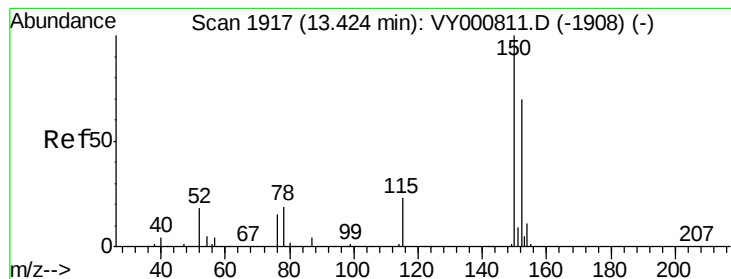
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	150.6
176	76.7	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.1	64.7
119	33.4	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: VY000881.D

Acq: 05 Dec 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

P001-WC005

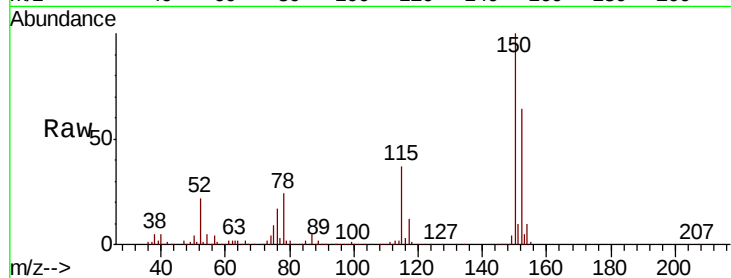
Tot Ion:152 Resp: 165738

Ion Ratio Lower Upper

152 100

115 58.8 29.3 87.8

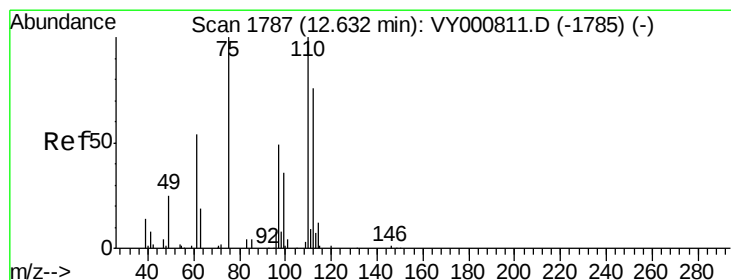
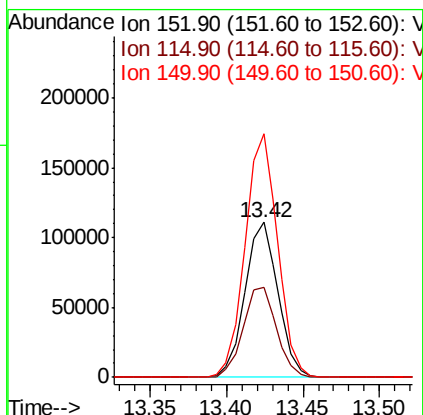
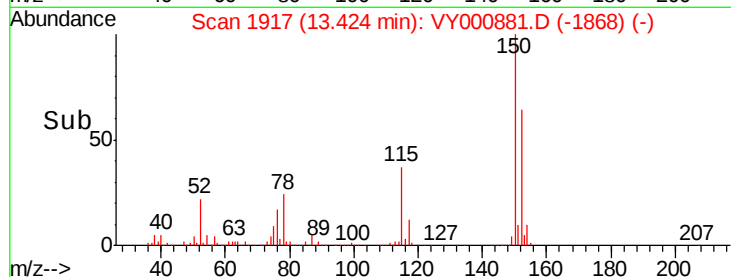
150 155.6 0.0 351.2



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: 45.295 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000881.D

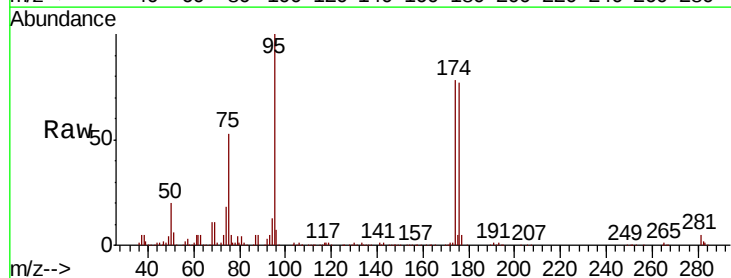
Acq: 05 Dec 2019 14:33

Tgt Ion: 75 Resp: 85055

Ion Ratio Lower Upper

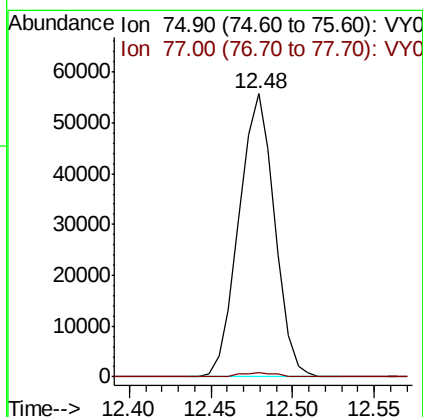
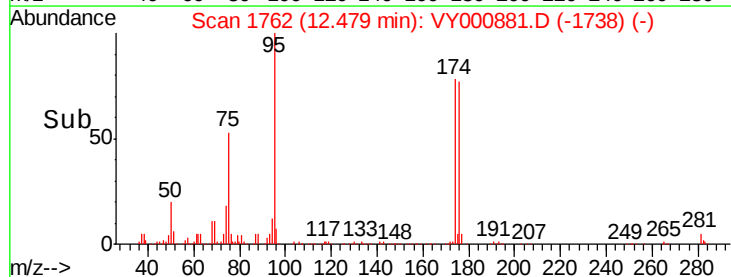
75 100

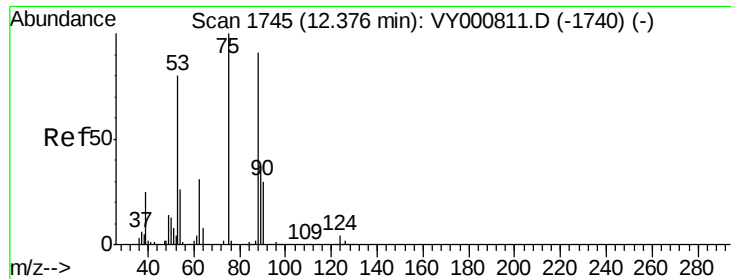
77 1.5 0.0 0.0#



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: 88.973 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000881.D

Acq: 05 Dec 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

P001-WC005

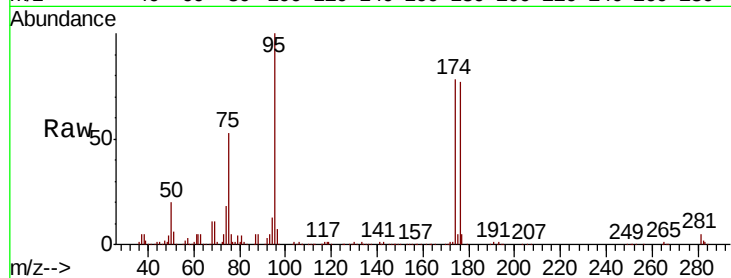
Tot Ion: 75 Resp: 85055

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 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

