

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000877.D
 Acq On : 05 Dec 2019 13:04
 Operator : SY/MD
 Sample : K6147-01
 Misc : 5.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC001

Quant Time: Dec 06 04:00:27 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	125430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	221174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	183984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	73747	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	65274	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
35) Dibromofluoromethane	7.73	113	61118	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
50) Toluene-d8	10.18	98	261265	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.48	95	77369	39.98	ug/l	0.00
Spiked Amount			Recovery	=	79.96%	

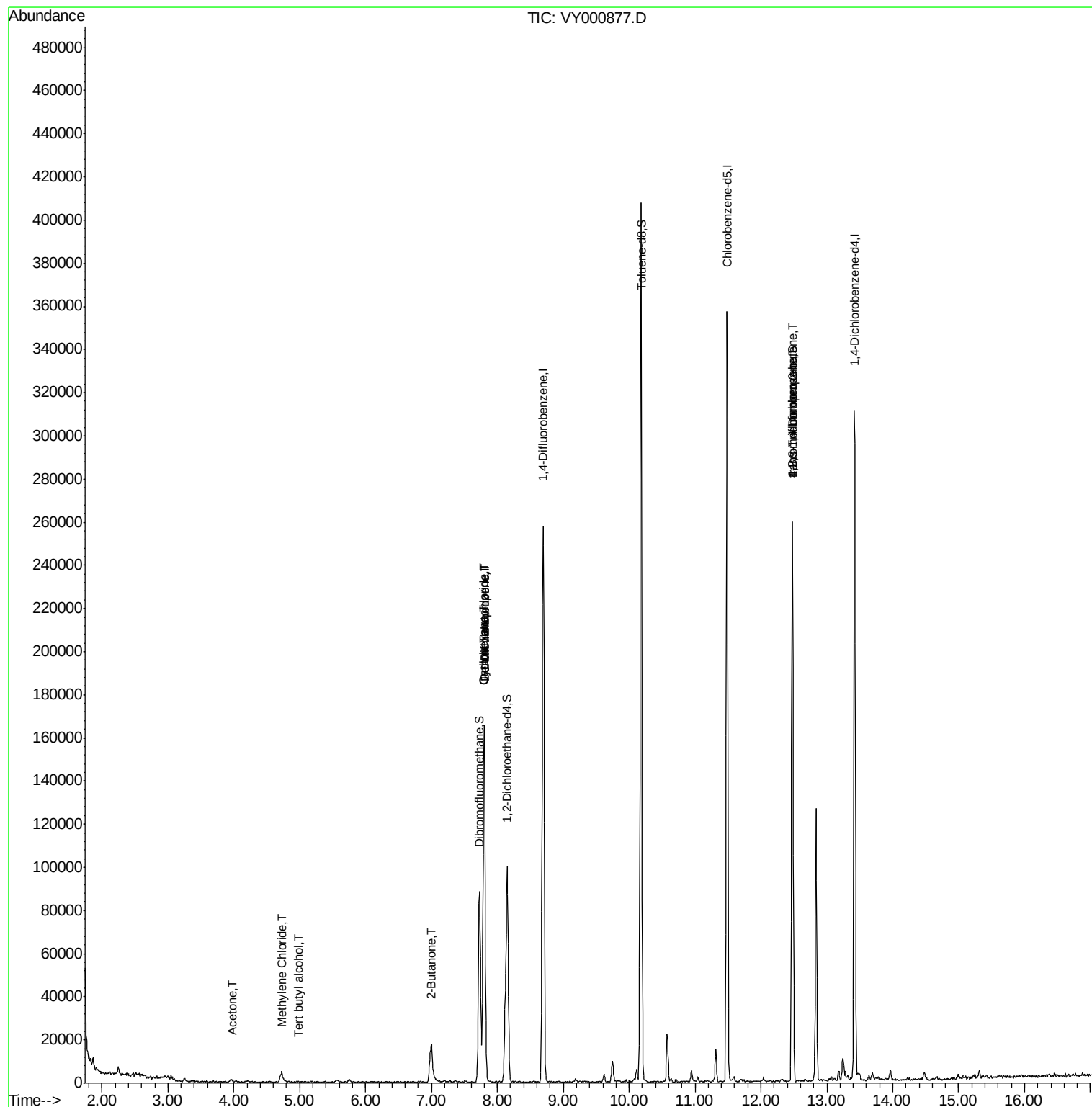
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	66	Below Cal	#	1
11) Tert butyl alcohol	4.98	59	410	3.058	ug/l #	74
16) Acetone	3.97	43	1843	6.028	ug/l #	76
20) Methylene Chloride	4.72	84	3199	1.985	ug/l	94
25) 2-Butanone	7.00	43	1136	2.011	ug/l #	49
31) Cyclohexane	7.79	56	3041	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11125	5.059	ug/l #	50
38) Carbon Tetrachloride	7.79	117	12400	6.331	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	39554	47.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	39554	92.988	ug/l #	18

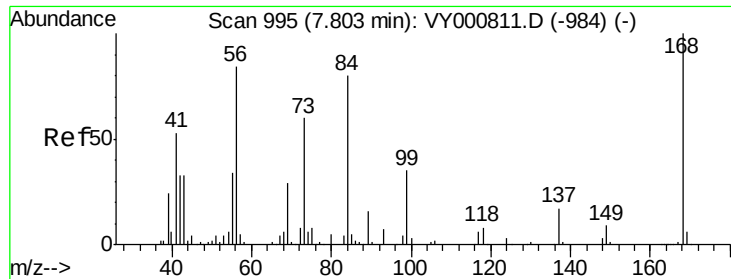
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000877.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

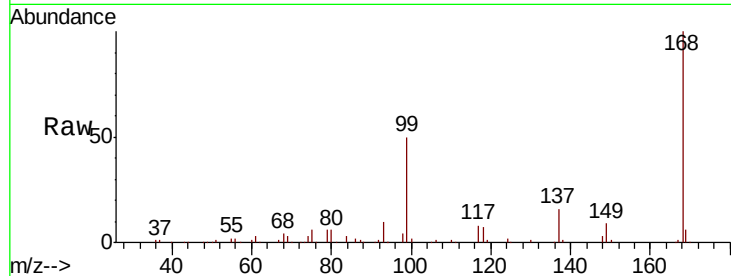
P001-WC001

Tot Ion:168 Resp: 125430

Ion Ratio Lower Upper

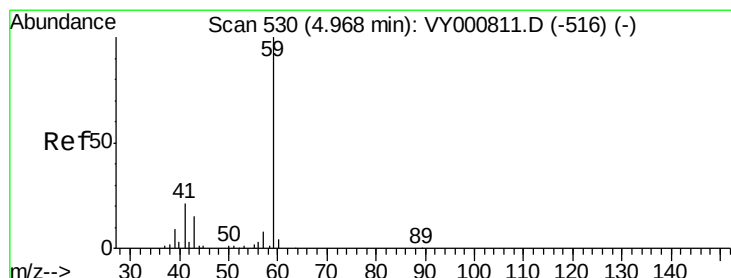
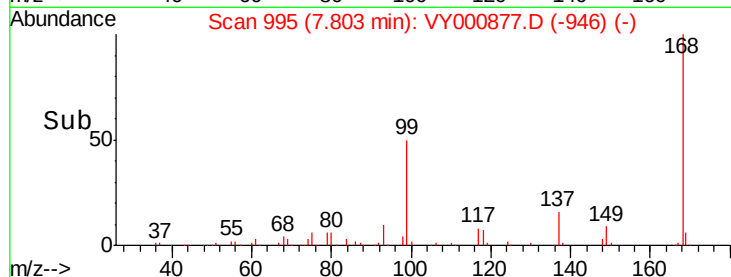
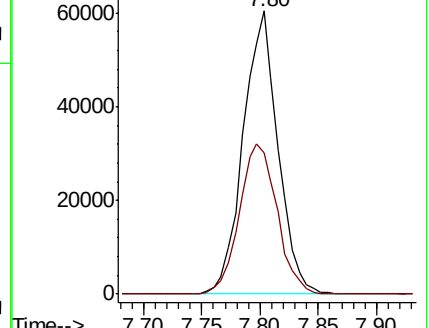
168 100

99 50.0 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) (-)



#11

Tert butyl alcohol

Concen: 3.058 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY000877.D

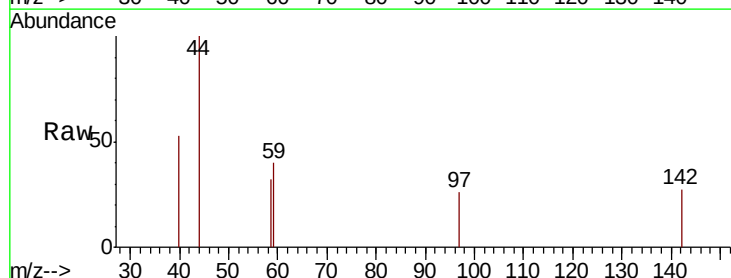
Acq: 05 Dec 2019 13:04

Tgt Ion: 59 Resp: 410

Ion Ratio Lower Upper

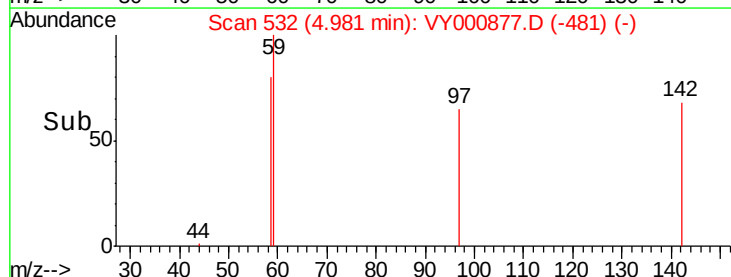
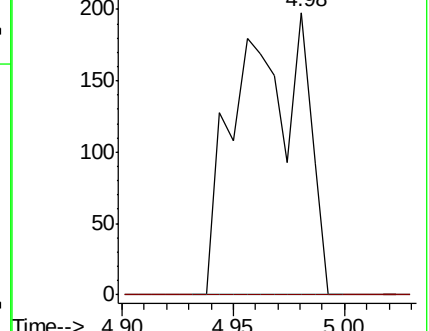
59 100

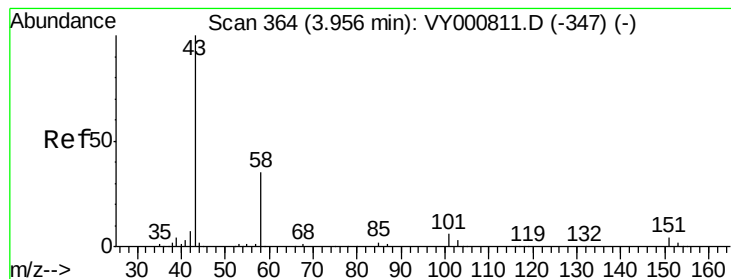
57 0.0 7.8 11.6#



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

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





#16

Acetone

Concen: 6.028 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

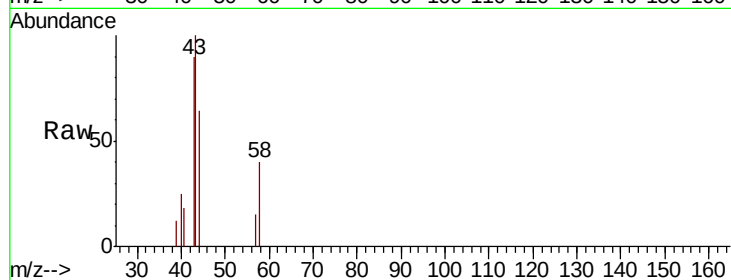
P001-WC001

Tot Ion: 43 Resp: 1843

Ion Ratio Lower Upper

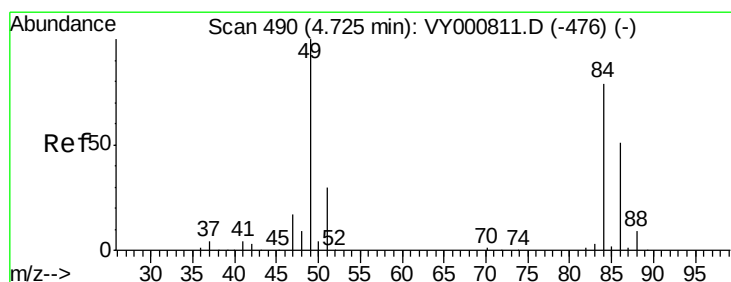
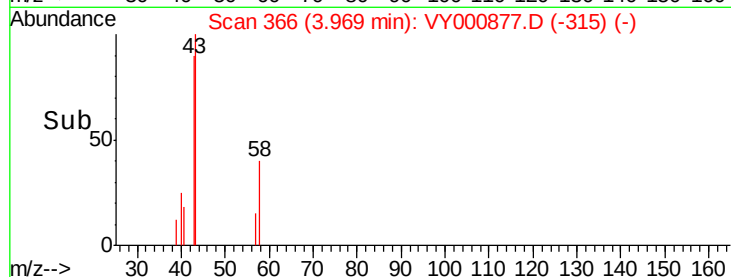
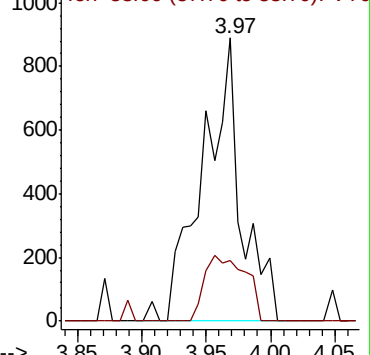
43 100

58 21.3 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 1.985 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

Tgt Ion: 84 Resp: 3199

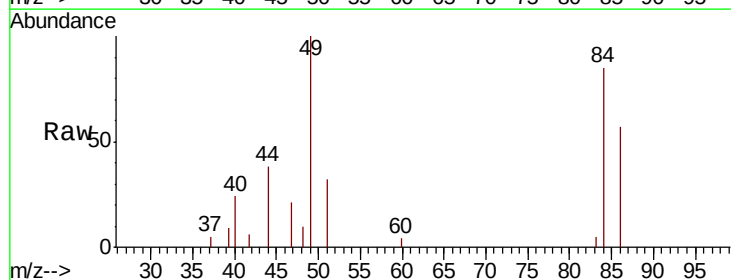
Ion Ratio Lower Upper

84 100

49 117.5 101.3 151.9

51 37.3 30.6 45.8

86 67.4 51.3 76.9

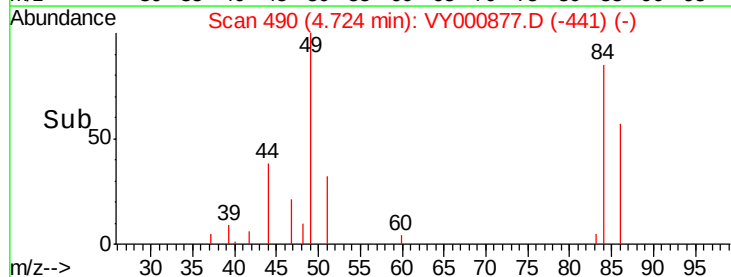
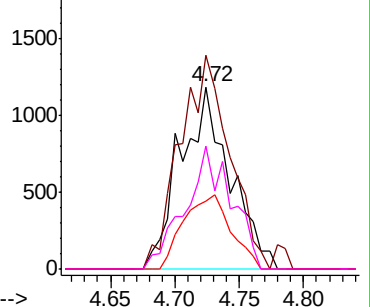


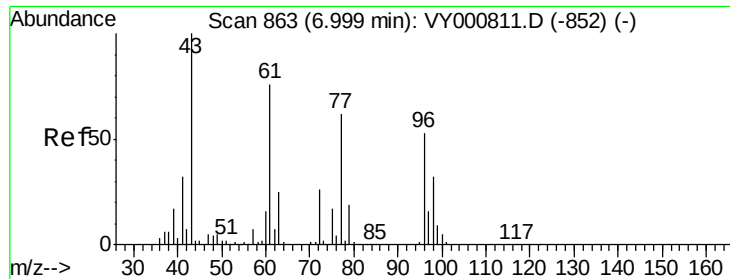
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#25

2-Butanone

Concen: 2.011 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

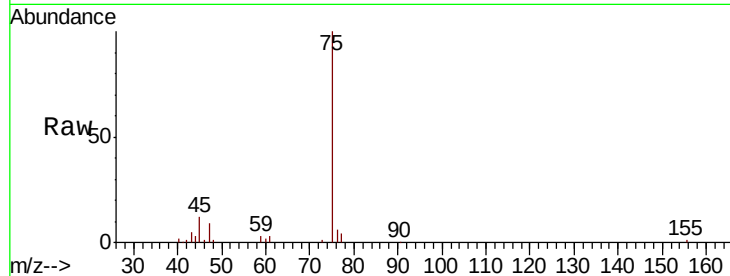
P001-WC001

Tot Ion: 43 Resp: 1136

Ion Ratio Lower Upper

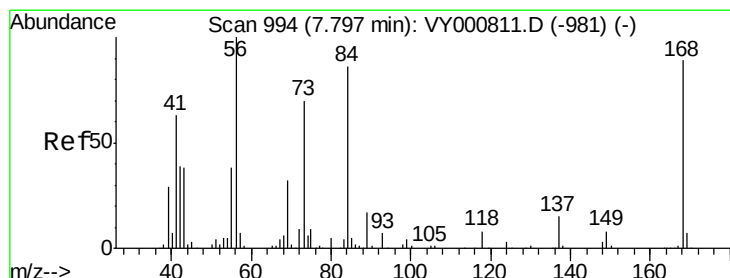
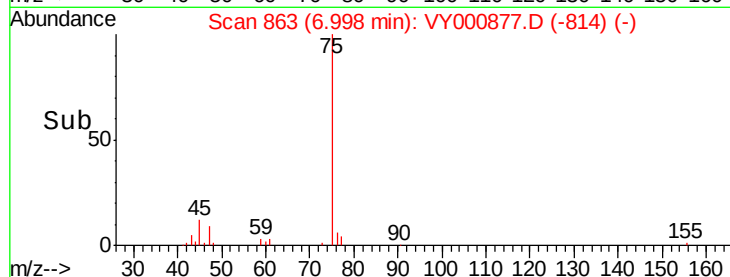
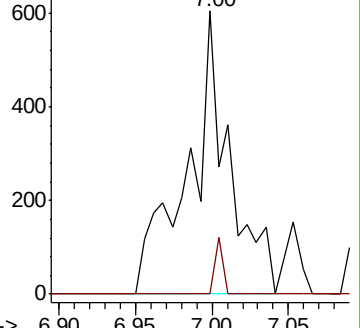
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

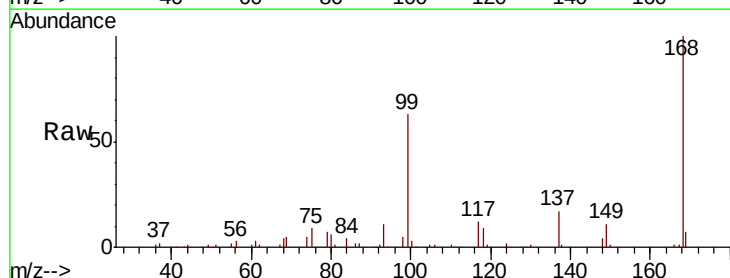
Tgt Ion: 56 Resp: 3041

Ion Ratio Lower Upper

56 100

69 154.8 25.9 38.9#

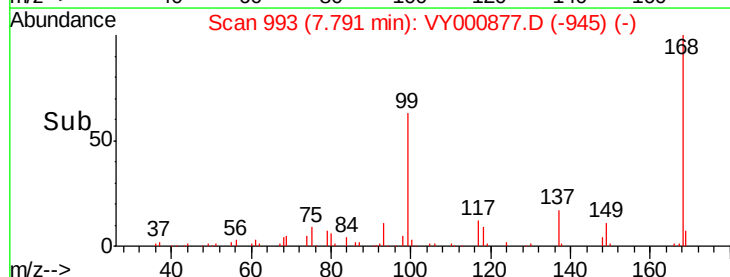
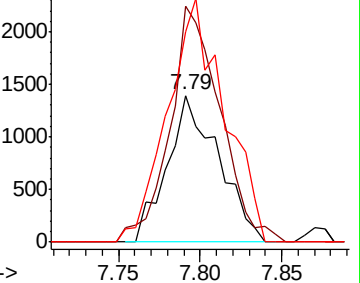
84 143.3 68.6 102.8#

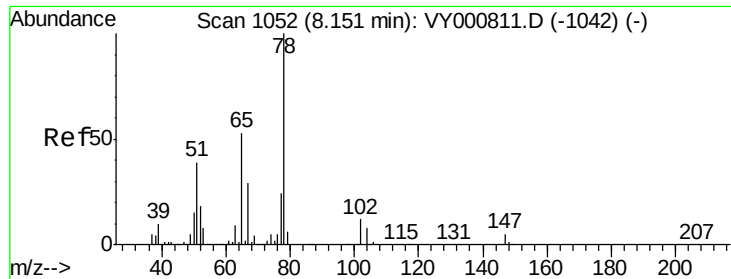


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

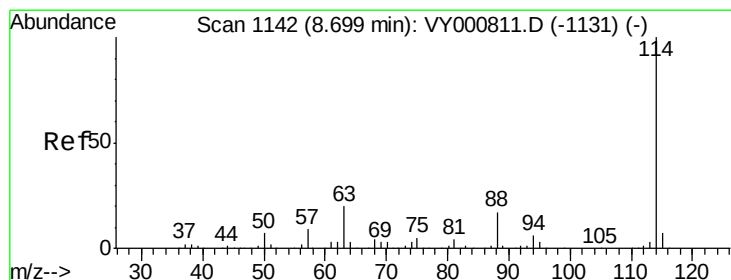
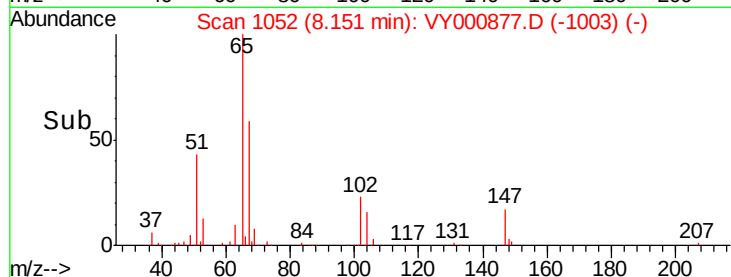
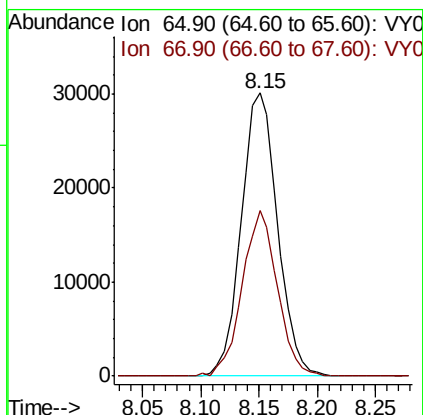
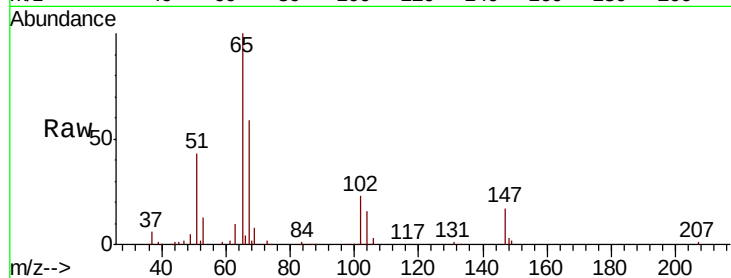




#33
 1,2-Dichloroethane-d4
 Concen: 48.975 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000877.D
 Acq: 05 Dec 2019 13:04

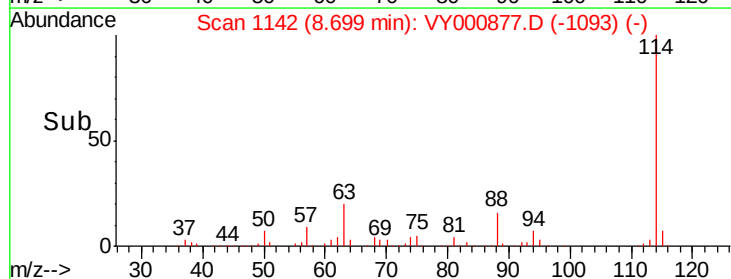
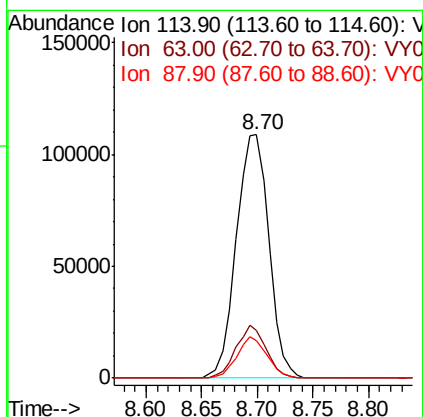
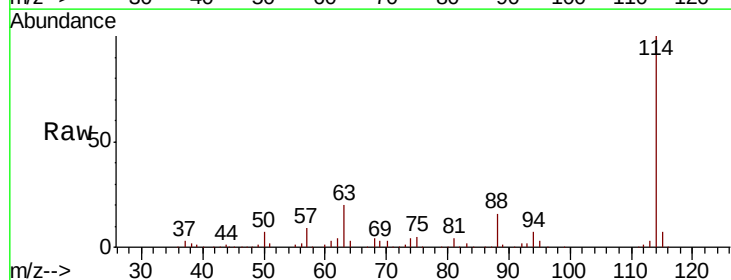
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC001

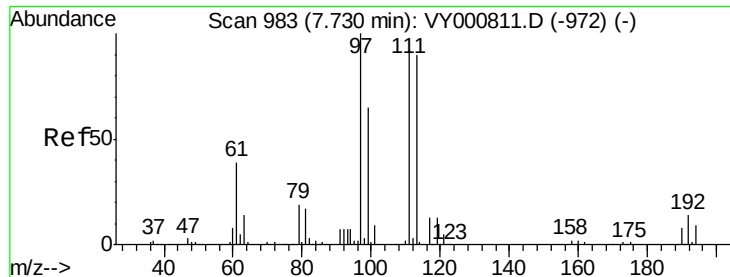
Tot Ion: 65 Resp: 65274
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000877.D
 Acq: 05 Dec 2019 13:04

Tgt Ion: 114 Resp: 221174
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.415 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

P001-WC001

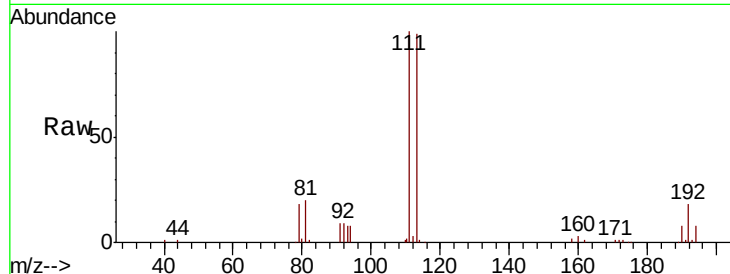
Tot Ion:113 Resp: 61118

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

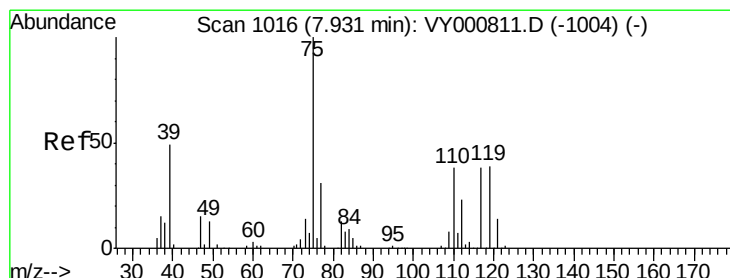
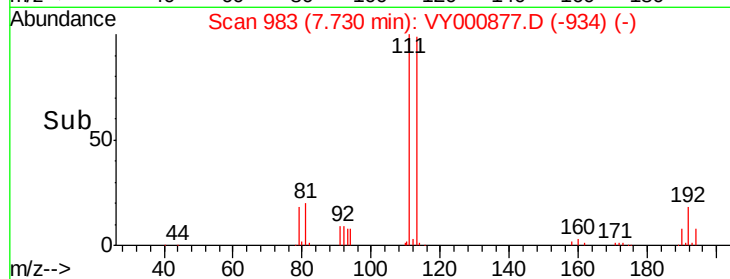
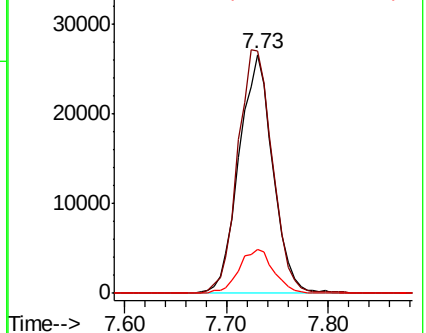
192 18.7 14.2 21.2



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: 5.059 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

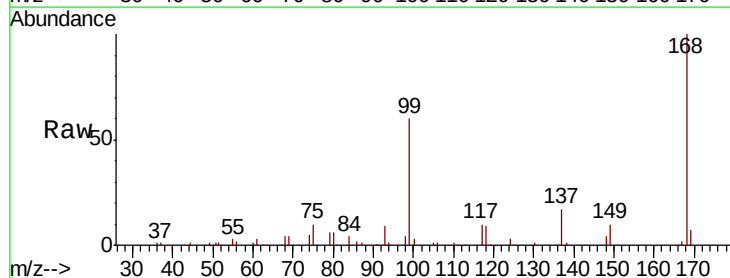
Tgt Ion: 75 Resp: 11125

Ion Ratio Lower Upper

75 100

110 10.0 17.9 53.7#

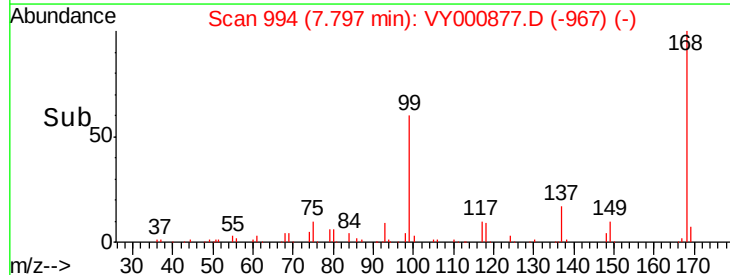
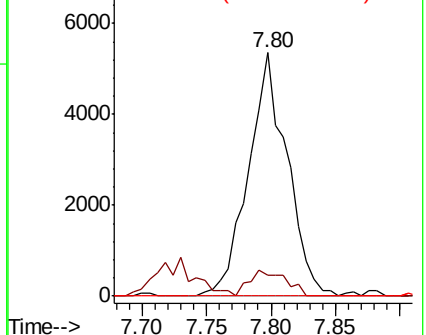
77 0.0 24.7 37.1#

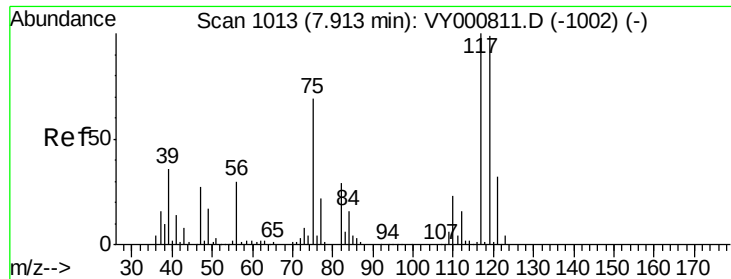


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

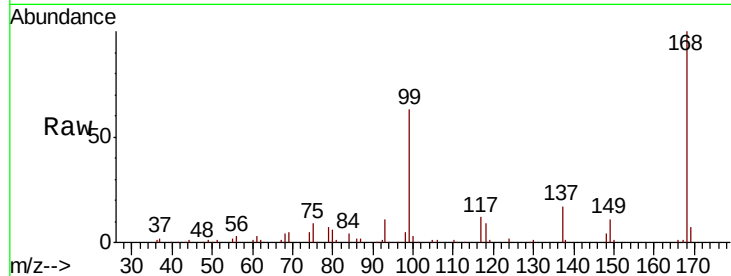




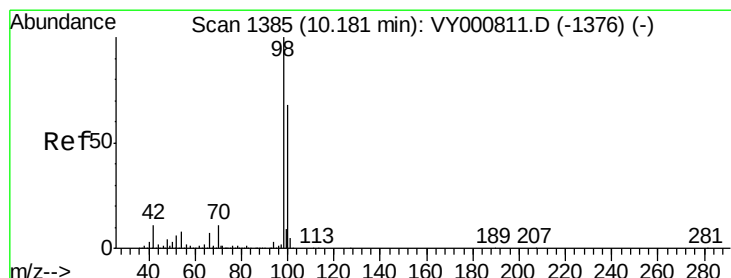
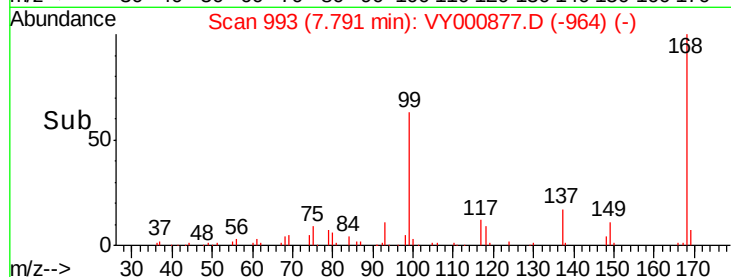
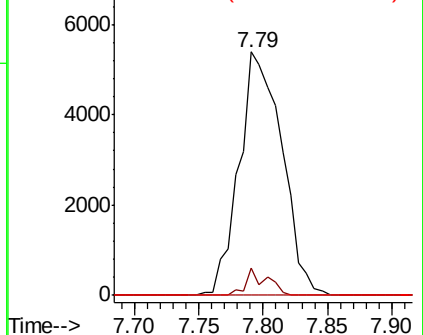
#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY000877.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC001

Tot Ion:117 Resp: 12400
Ion Ratio Lower Upper
117 100
119 11.5 79.3 118.9#
121 0.0 25.5 38.3#

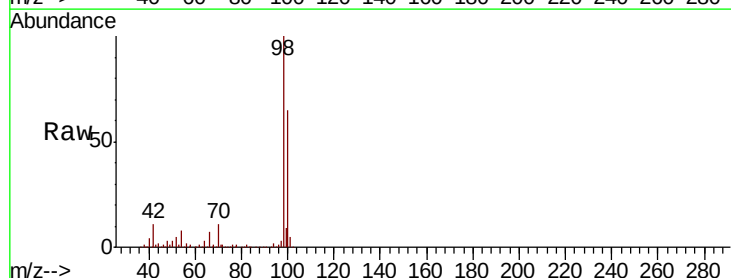


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

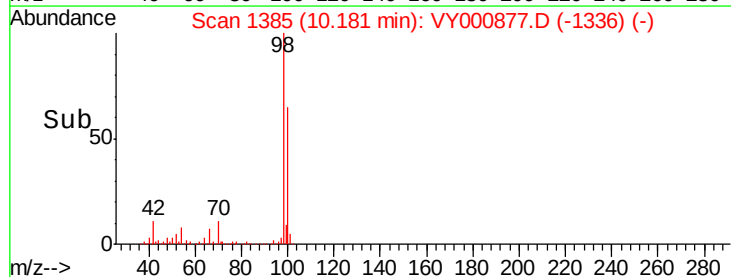
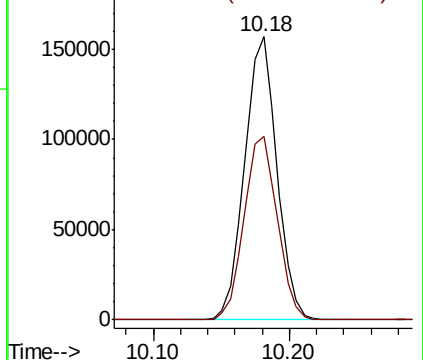


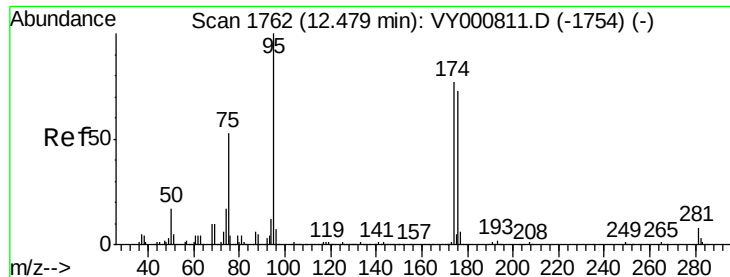
#50
Toluene-d8
Concen: 50.698 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000877.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 98 Resp: 261265
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



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

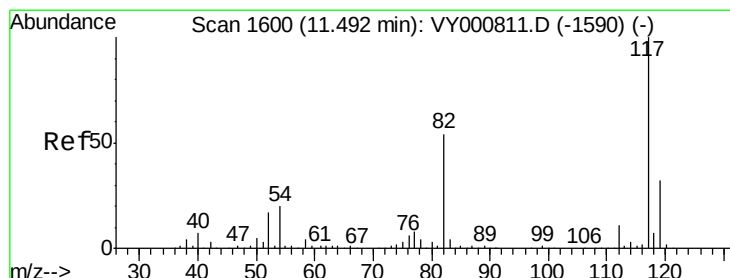
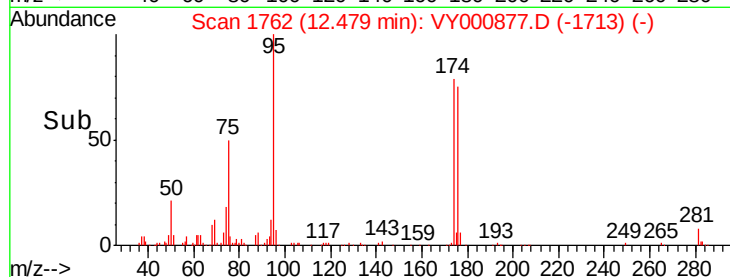
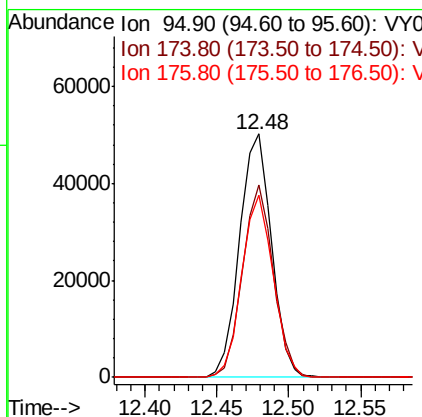
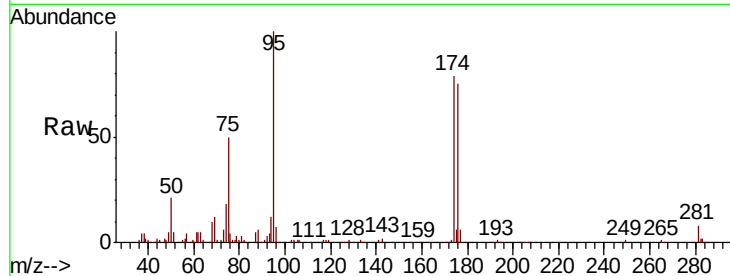




#62
4-Bromofluorobenzene
Concen: 39.977 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000877.D
Acq: 05 Dec 2019 13:04

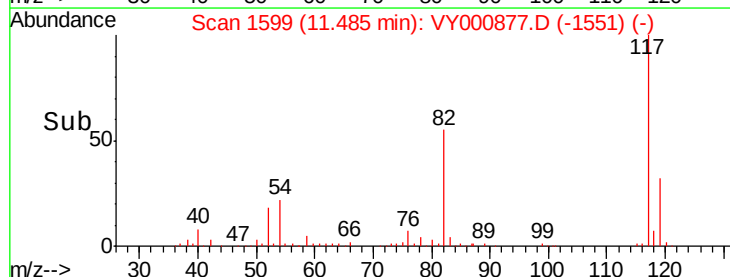
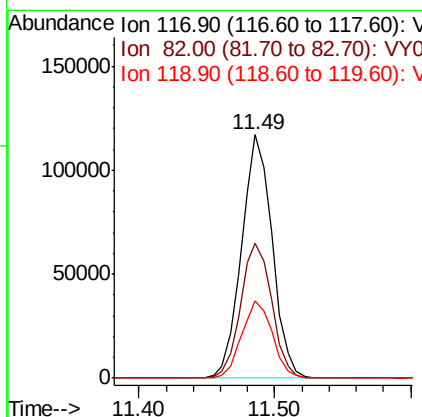
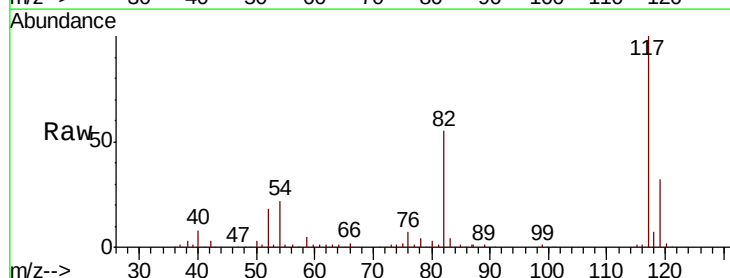
Instrument :
MSVOA_Y
ClientSampleId :
P001-WC001

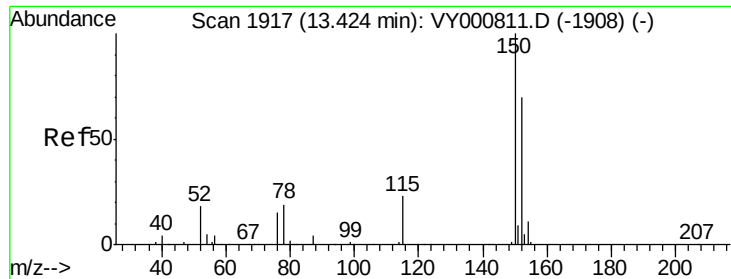
Tot Ion: 95 Resp: 77369
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 73.5 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000877.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 117 Resp: 183984
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 31.7 25.3 37.9

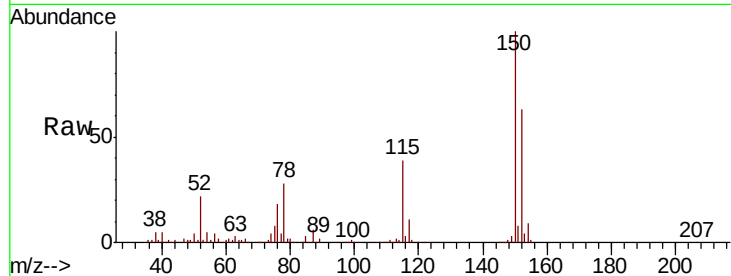




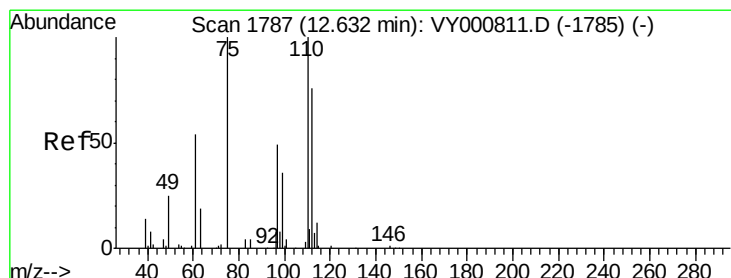
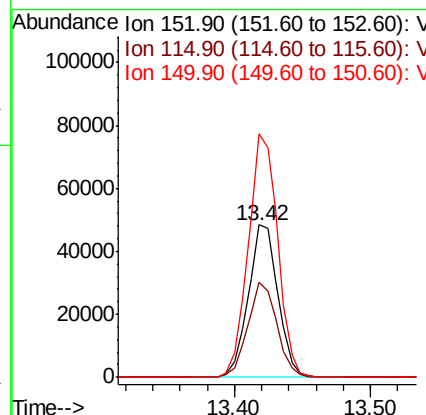
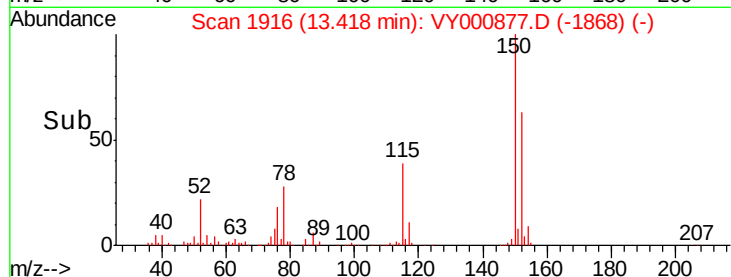
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: VY000877.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC001

Tot Ion:152 Resp: 73747
 Ion Ratio Lower Upper
 152 100
 115 61.3 29.3 87.8
 150 159.0 0.0 351.2

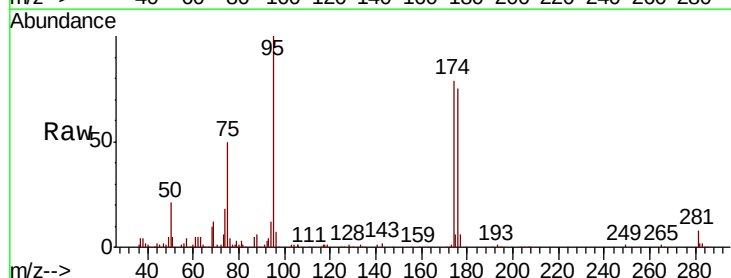


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

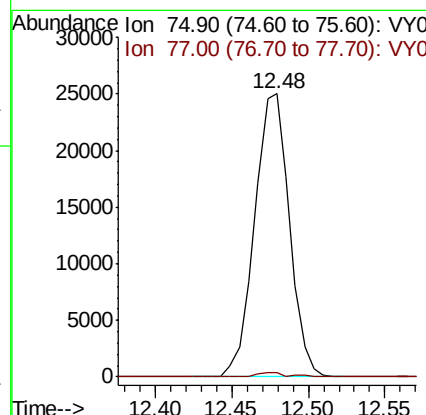
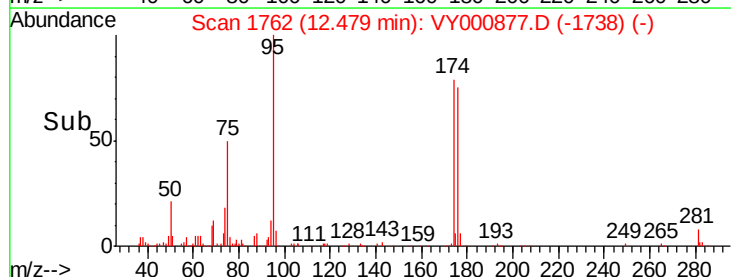


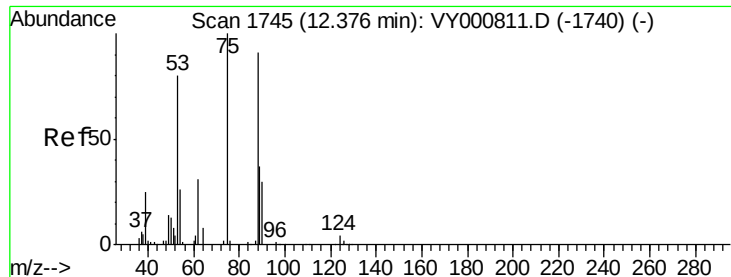
#76
 1,2,3-Trichloropropane
 Concen: 47.339 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY000877.D
 Acq: 05 Dec 2019 13:04

Tgt Ion: 75 Resp: 39554
 Ion Ratio Lower Upper
 75 100
 77 1.3 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: 92.988 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000877.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_Y

ClientSampleId :

P001-WC001

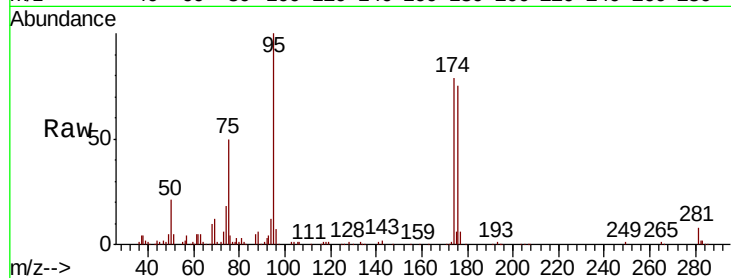
Tot Ion: 75 Resp: 39554

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.4 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

