

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000849.D
 Acq On : 03 Dec 2019 19:16
 Operator : SY/MD
 Sample : K6119-05
 Misc : 4.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:59:33 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	240424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	453368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186186	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	152028	59.51	ug/l	0.00
Spiked Amount			Recovery	=	119.02%	
35) Dibromofluoromethane	7.73	113	131879	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	10.18	98	542196	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.48	95	184868	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

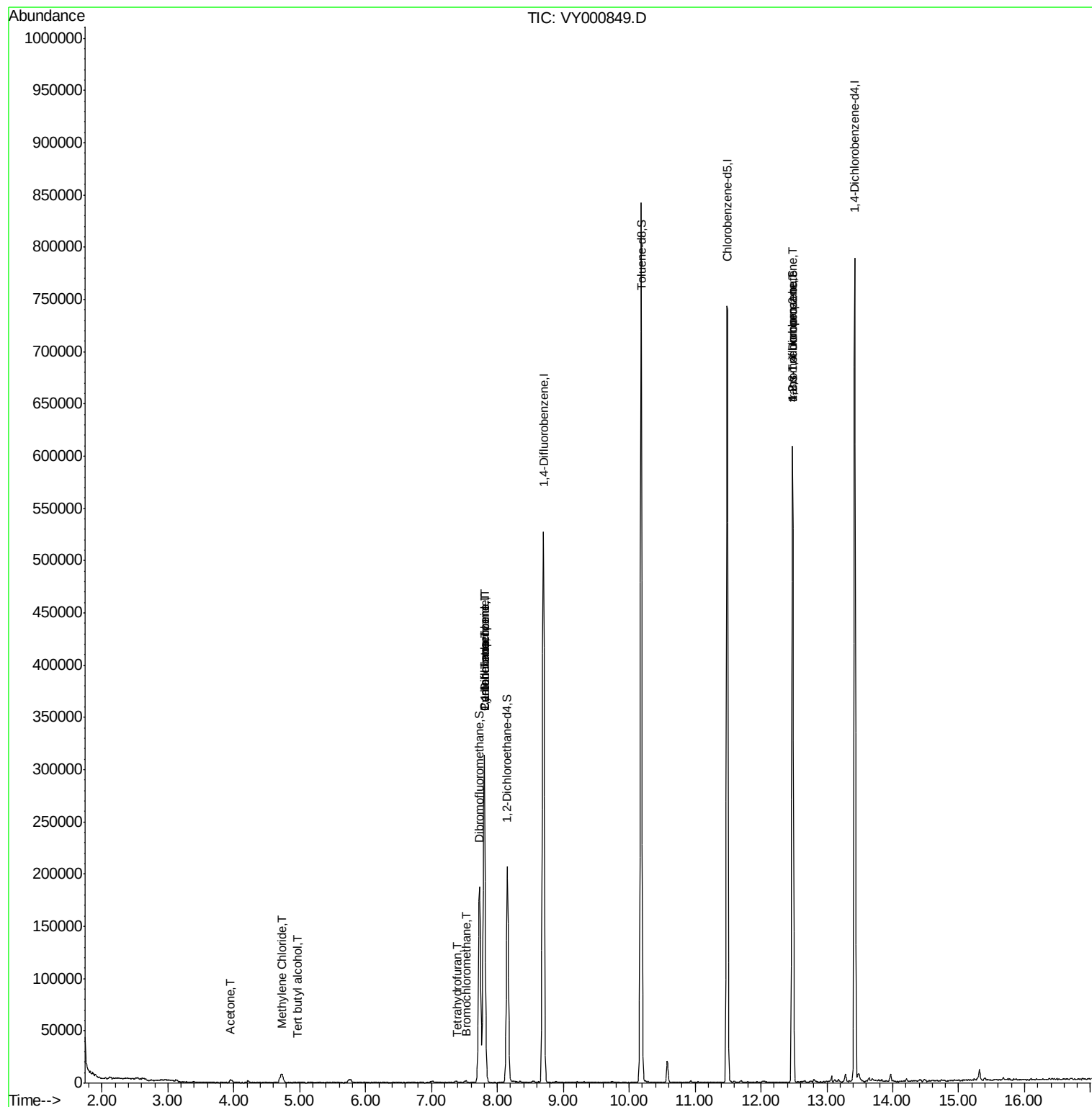
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	161	Below Cal	#	3
11) Tert butyl alcohol	4.97	59	400	1.556	ug/l #	74
16) Acetone	3.95	43	4657	7.946	ug/l	97
20) Methylene Chloride	4.74	84	6441	2.085	ug/l #	75
28) Bromochloromethane	7.52	49	125	2.079	ug/l #	15
29) Tetrahydrofuran	7.38	42	786	1.096	ug/l #	65
31) Cyclohexane	7.80	56	5783	1.066	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	19696	4.369	ug/l #	50
38) Carbon Tetrachloride	7.80	117	24808	6.180	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	96913	45.942	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96913	90.243	ug/l #	17

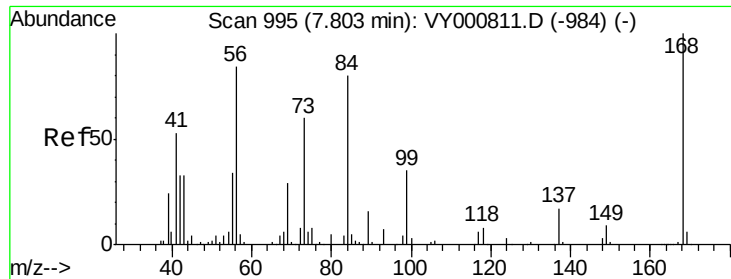
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
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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: VY000849.D

Acq: 03 Dec 2019 19:16

Instrument :

MSVOA_Y

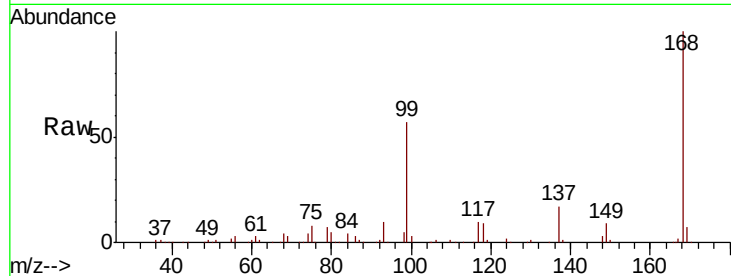
ClientSampleId :

Tot Ion:168 Resp: 240424

Ion Ratio Lower Upper

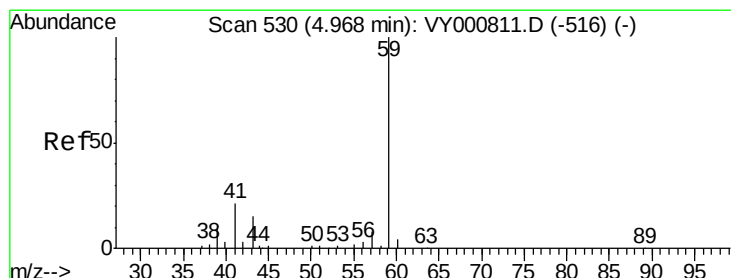
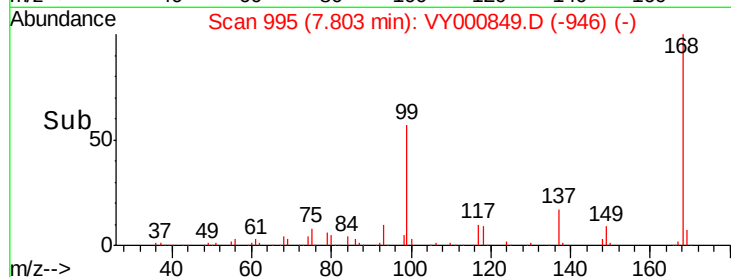
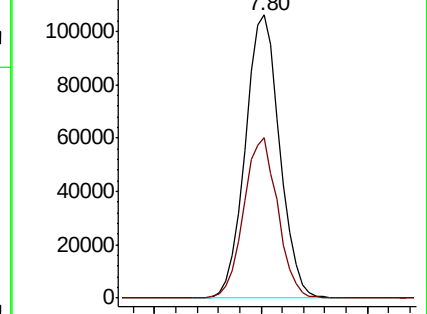
168 100

99 56.6 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: 1.556 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY000849.D

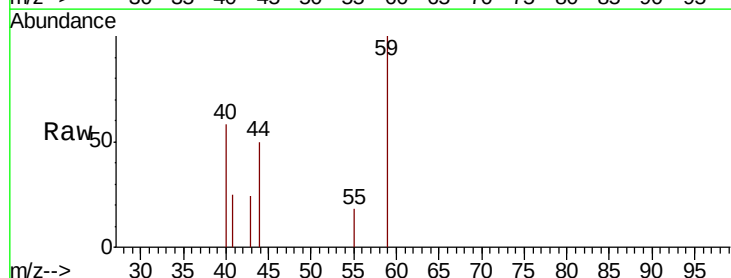
Acq: 03 Dec 2019 19:16

Tgt Ion: 59 Resp: 400

Ion Ratio Lower Upper

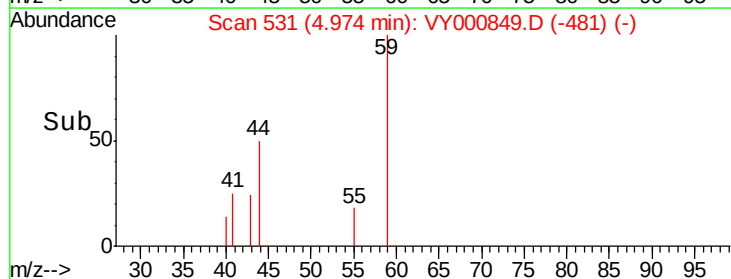
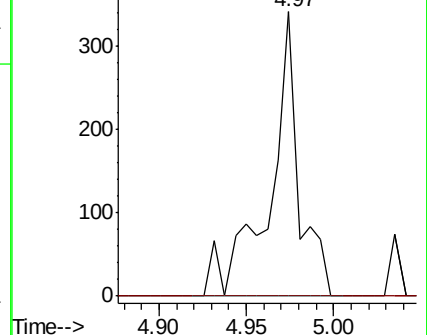
59 100

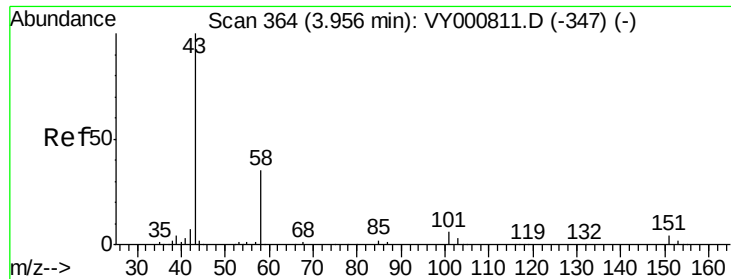
57 0.0 7.8 11.6#



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: 7.946 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

Instrument :

MSVOA_Y

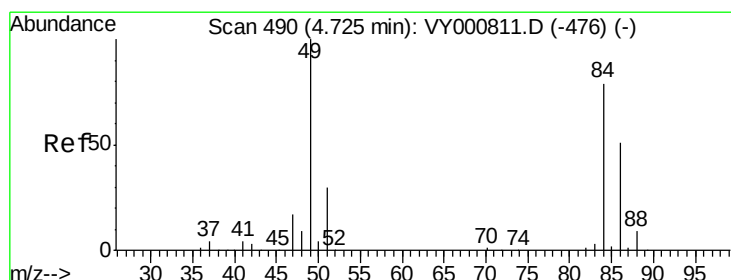
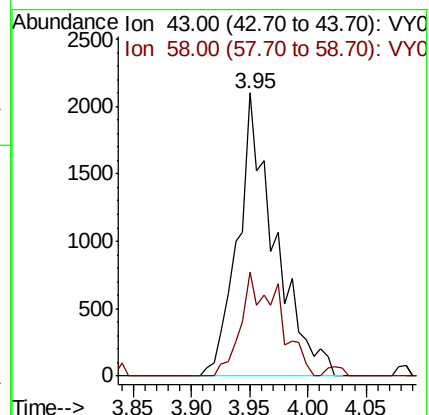
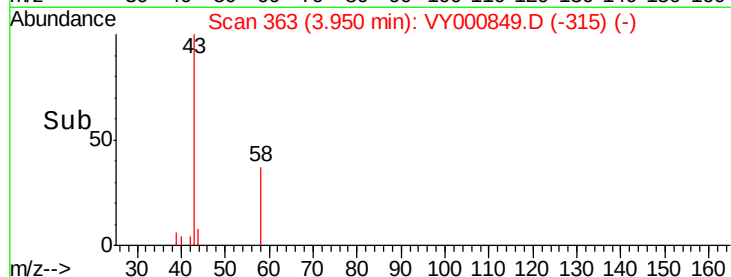
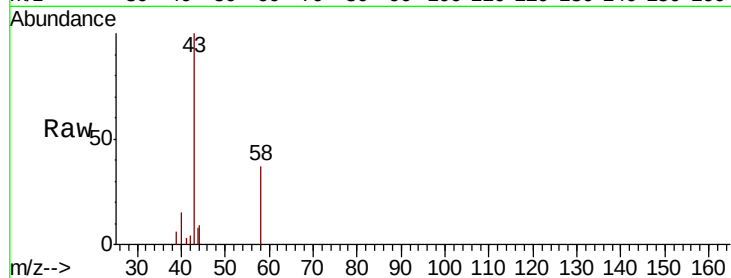
ClientSampleId :

Tot Ion: 43 Resp: 4657

Ion Ratio Lower Upper

43 100

58 36.7 28.0 42.0



#20

Methylene Chloride

Concen: 2.085 ug/l

RT: 4.74 min Scan# 492

Delta R.T. 0.01 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

Tgt Ion: 84 Resp: 6441

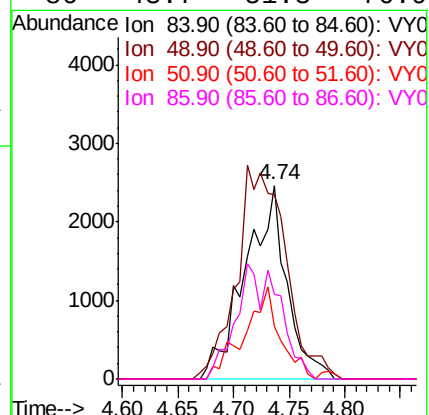
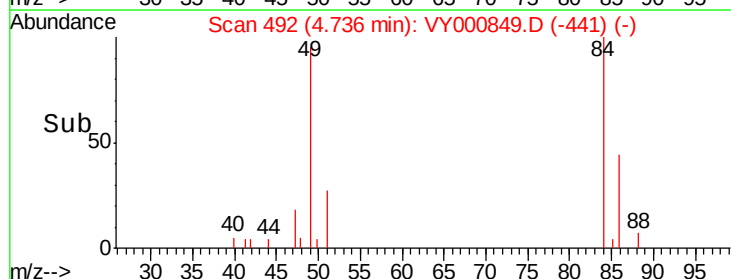
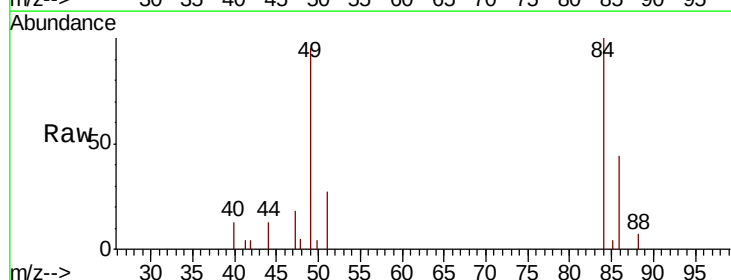
Ion Ratio Lower Upper

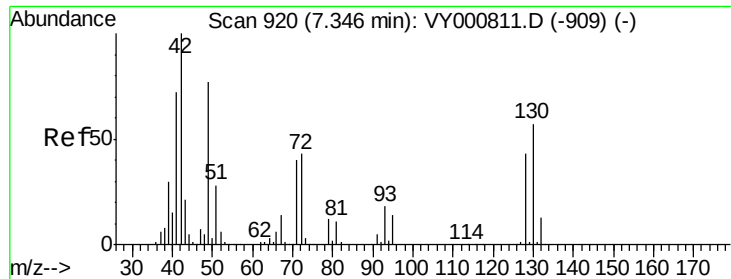
84 100

49 95.3 101.3 151.9#

51 27.2 30.6 45.8#

86 43.7 51.3 76.9#





#28

Bromochloromethane

Concen: 2.079 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.17 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

Instrument :
MSVOA_Y
ClientSampleId :

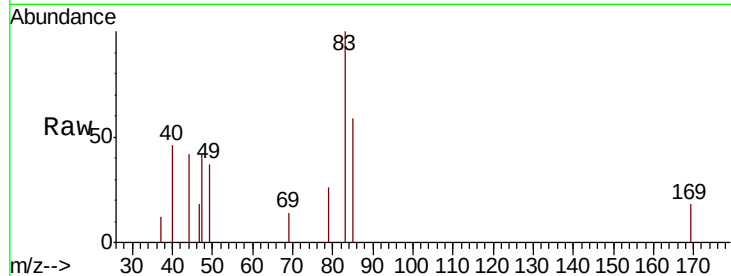
Tot Ion: 49 Resp: 125

Ion Ratio Lower Upper

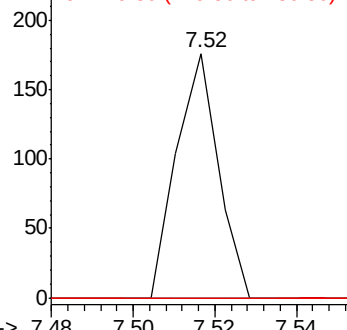
49 100

129 0.0 0.0 3.8

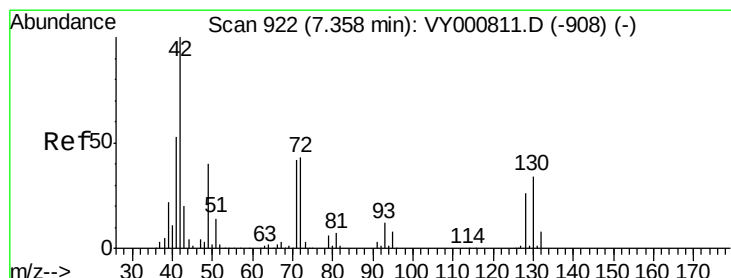
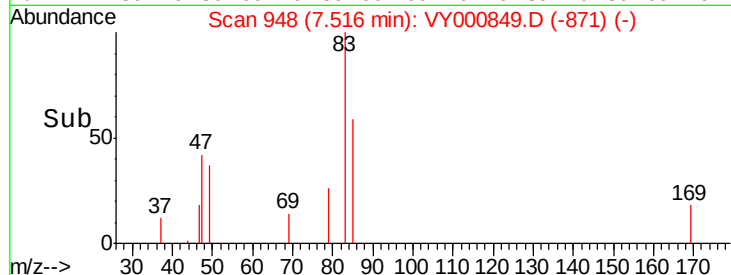
130 0.0 58.7 88.1#



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



Time-->



#29

Tetrahydrofuran

Concen: 1.096 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.02 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

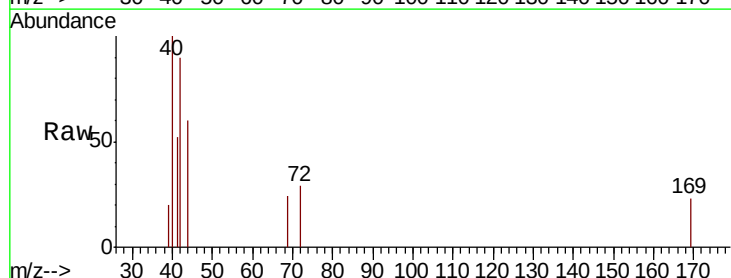
Tgt Ion: 42 Resp: 786

Ion Ratio Lower Upper

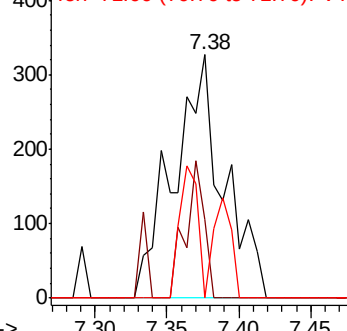
42 100

72 21.1 35.1 52.7#

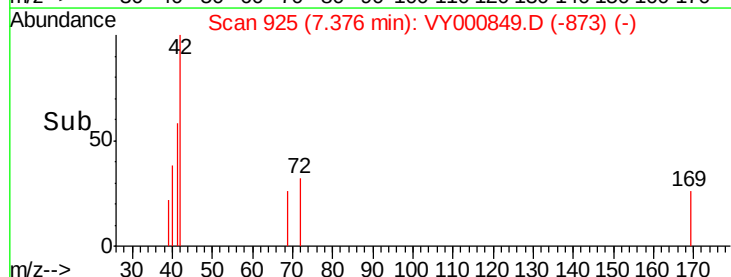
71 19.8 32.8 49.2#

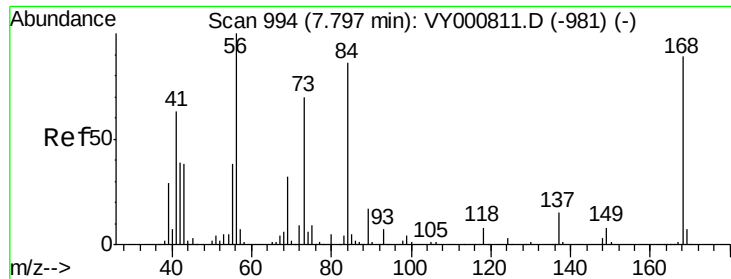


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



Time-->

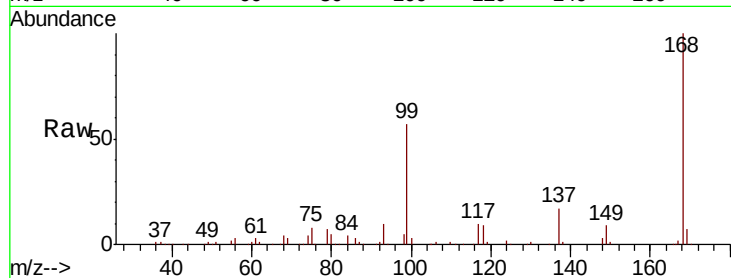




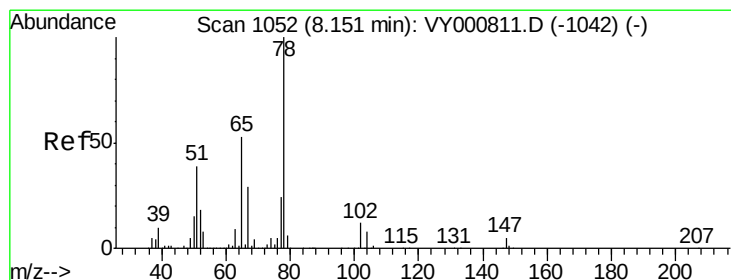
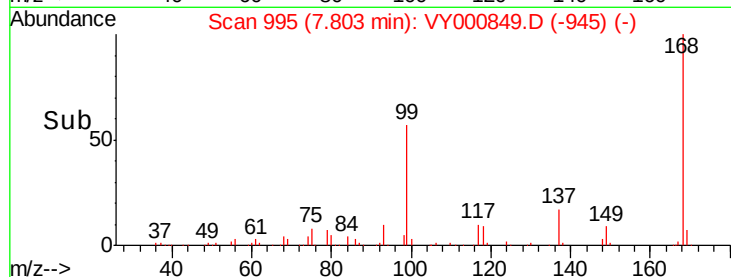
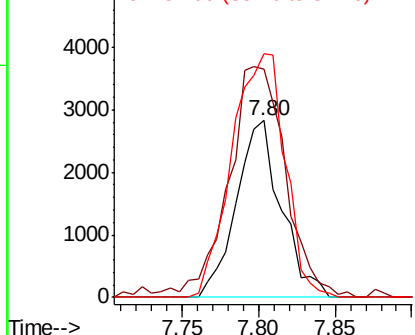
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000849.D
Acq: 03 Dec 2019 19:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 5783
Ion Ratio Lower Upper
56 100
69 127.4 25.9 38.9#
84 137.6 68.6 102.8#

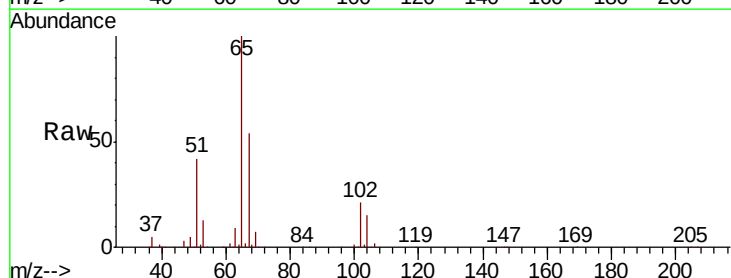


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

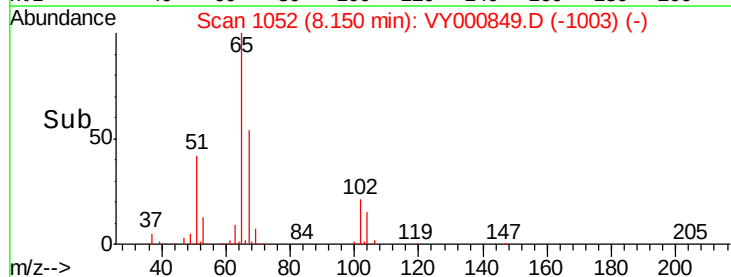
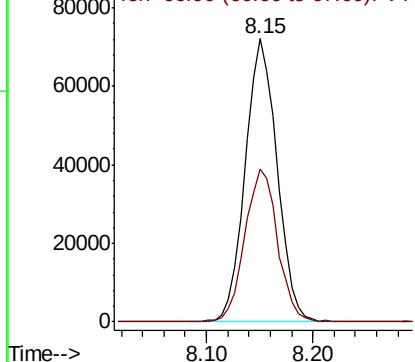


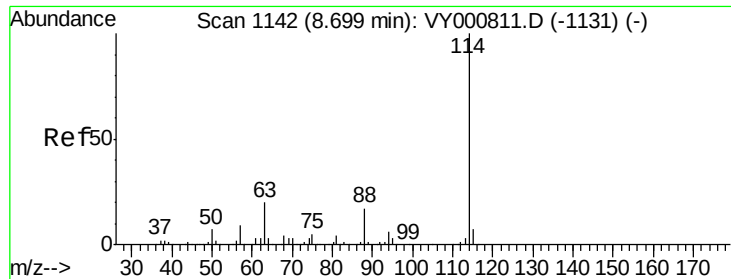
#33
1,2-Dichloroethane-d4
Concen: 59.509 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000849.D
Acq: 03 Dec 2019 19:16

Tgt Ion: 65 Resp: 152028
Ion Ratio Lower Upper
65 100
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

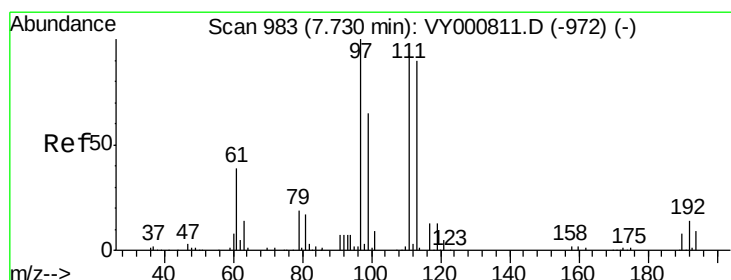
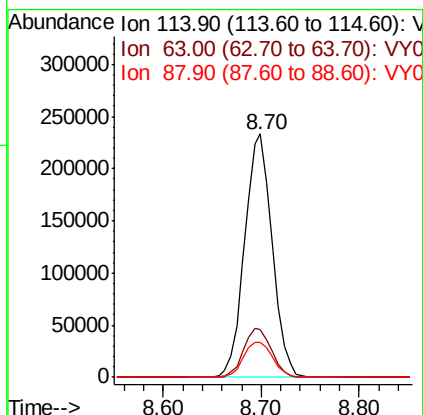
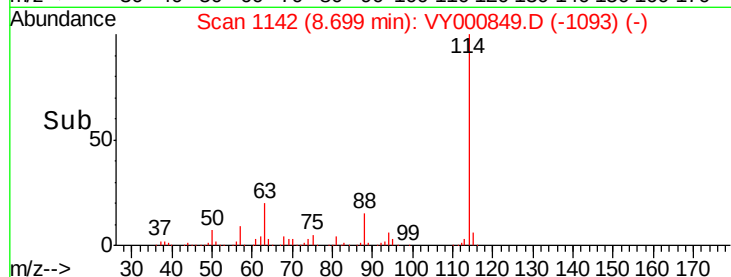
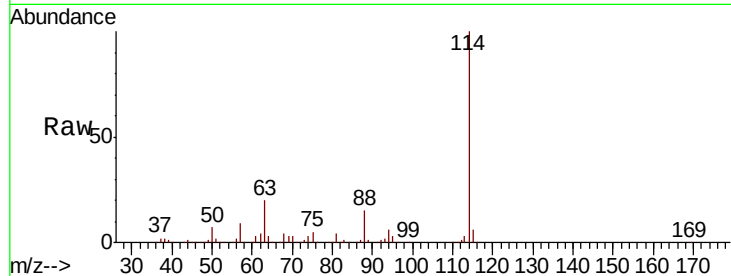




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000849.D
 Acq: 03 Dec 2019 19:16

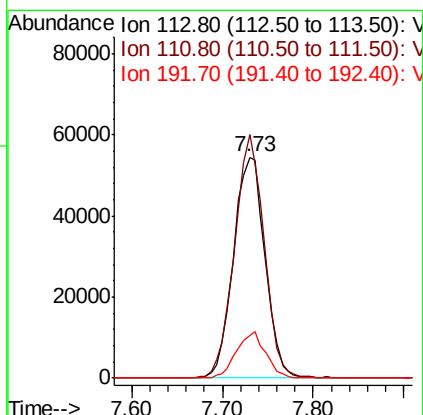
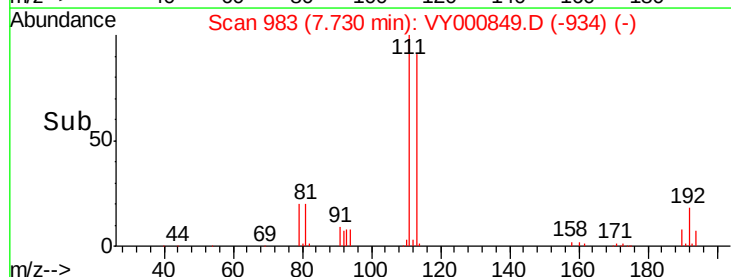
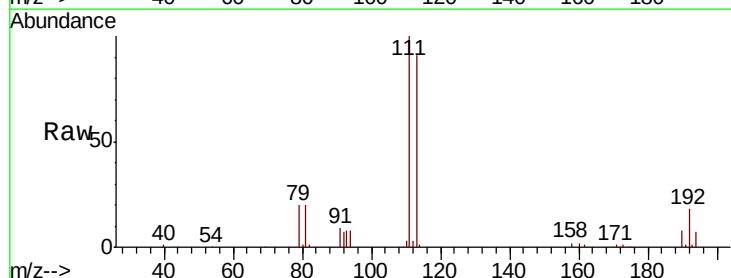
Instrument :
 MSVOA_Y
 ClientSampleId :

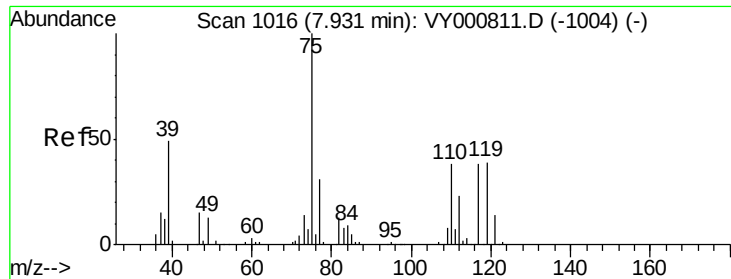
Tot Ion:114 Resp: 453368
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 14.6 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.912 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000849.D
 Acq: 03 Dec 2019 19:16

Tgt Ion:113 Resp: 131879
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 19.5 14.2 21.2

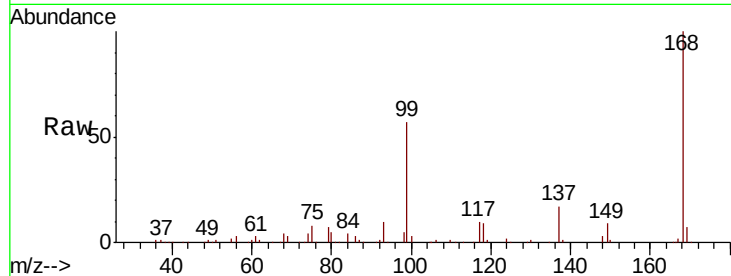




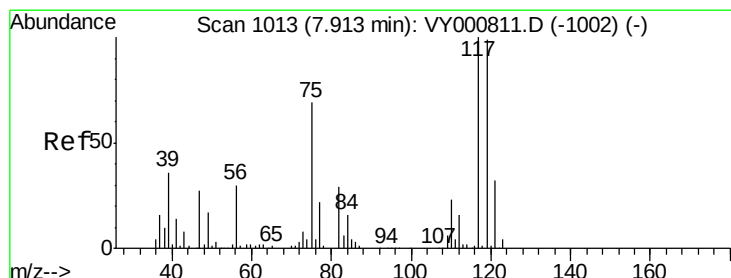
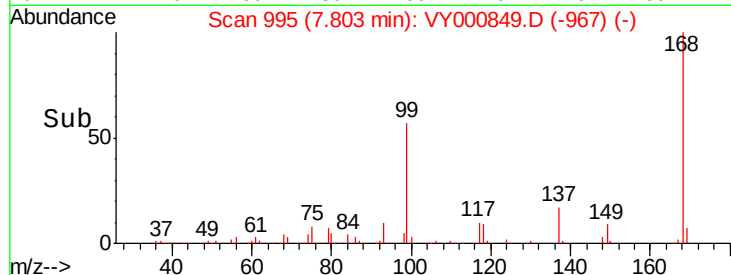
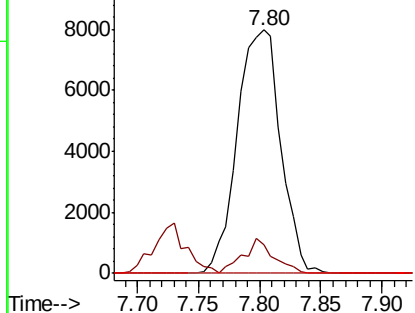
#36
 1,1-Dichloropropene
 Concen: 4.369 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000849.D
 Acq: 03 Dec 2019 19:16

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	75	Resp	19696
Ion Ratio	Lower	Upper	
75	100		
110	9.8	17.9	53.7#
77	0.0	24.7	37.1#

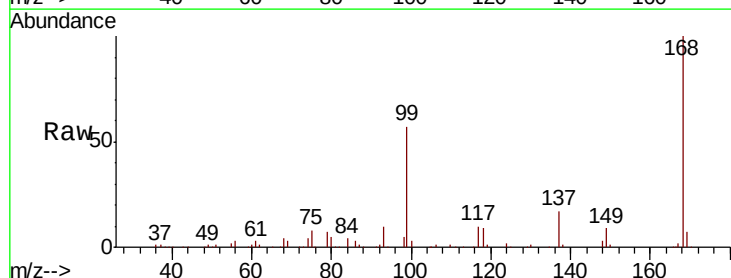


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

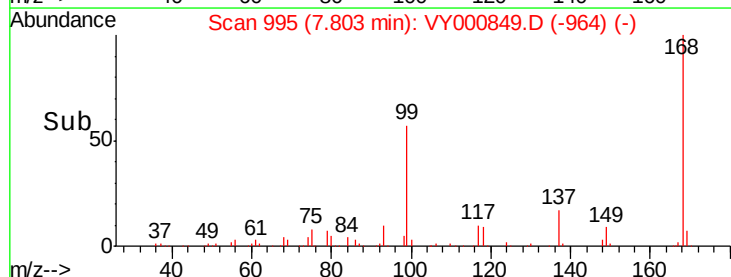
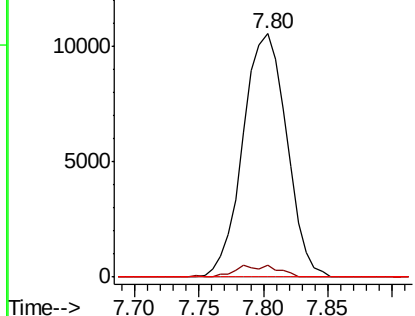


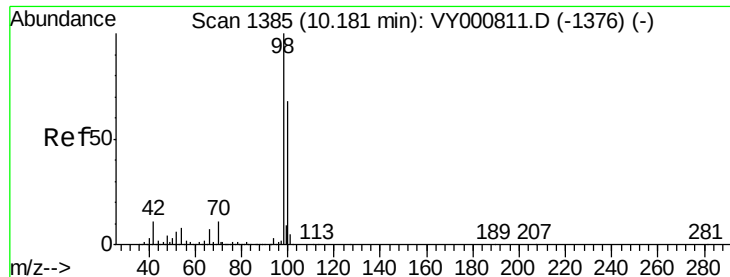
#38
 Carbon Tetrachloride
 Concen: 6.180 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000849.D
 Acq: 03 Dec 2019 19:16

Tgt Ion	117	Resp	24808
Ion Ratio	Lower	Upper	
117	100		
119	5.1	79.3	118.9#
121	0.0	25.5	38.3#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 51.327 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

Instrument :

MSVOA_Y

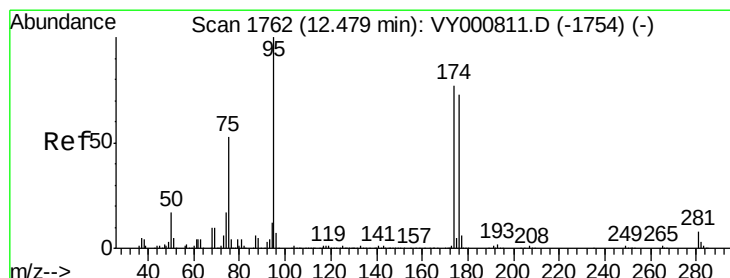
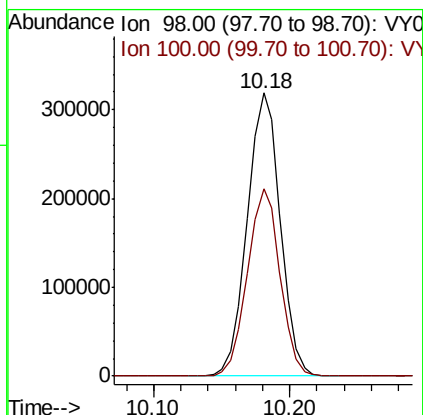
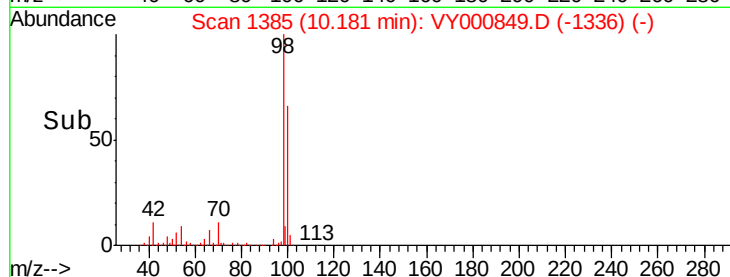
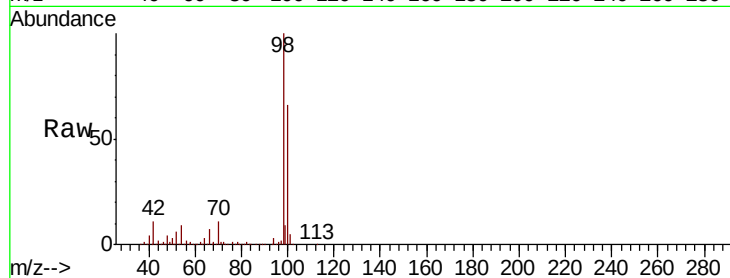
ClientSampleId :

Tot Ion: 98 Resp: 542196

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.600 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

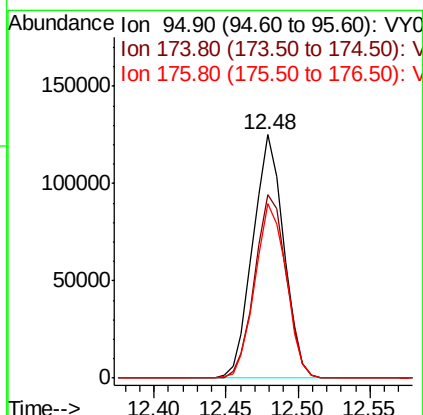
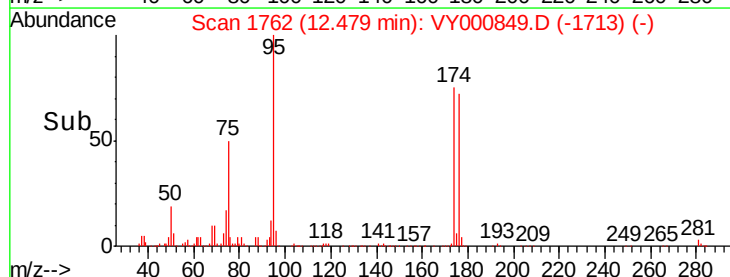
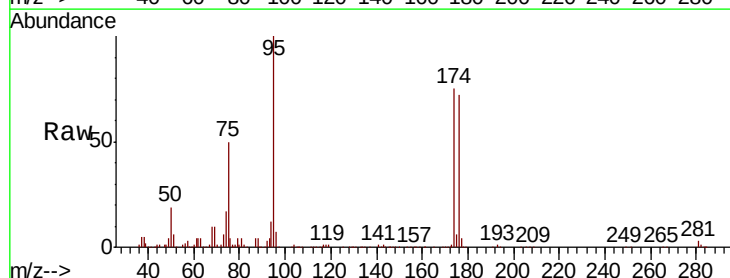
Tgt Ion: 95 Resp: 184868

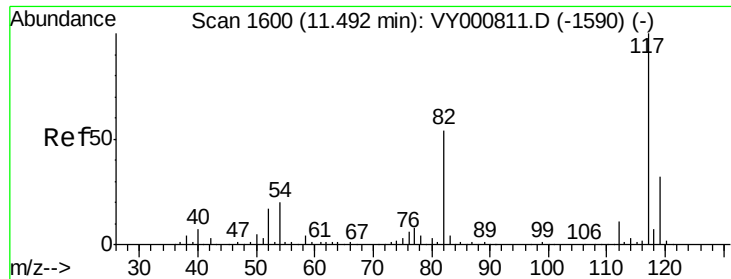
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 72.8 0.0 145.2

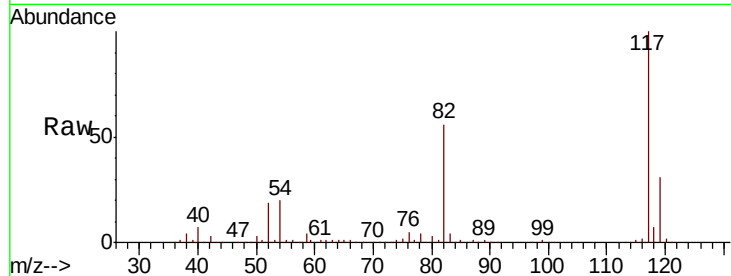




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000849.D
Acq: 03 Dec 2019 19:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.1	64.7
119	31.1	25.3	37.9

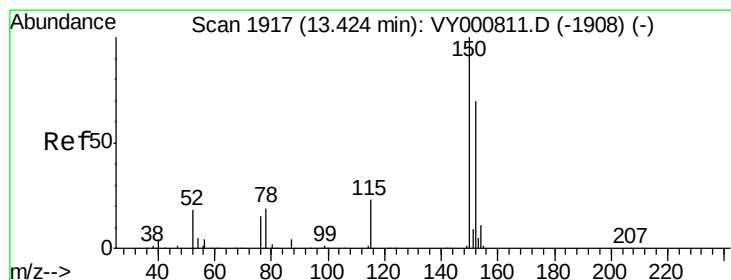
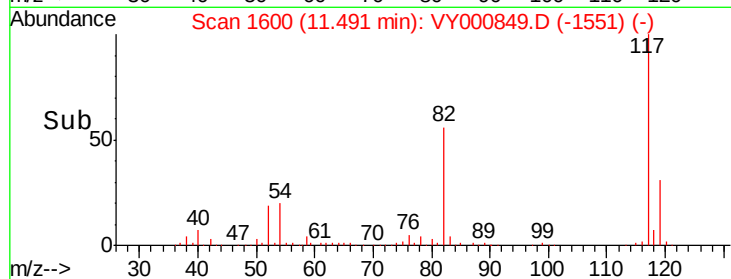
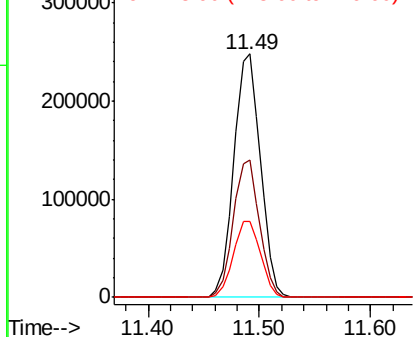


Abundance

Ion 116.90 (116.60 to 117.60): V

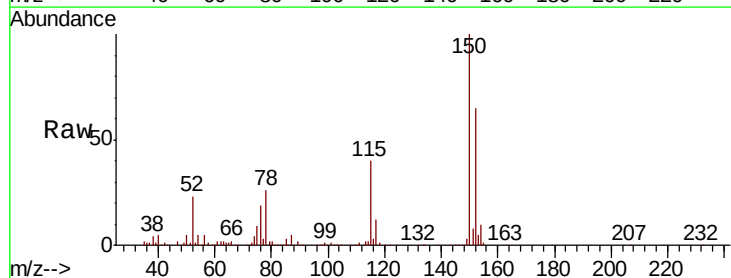
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000849.D
Acq: 03 Dec 2019 19:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	87.8
150	155.2	0.0	351.2

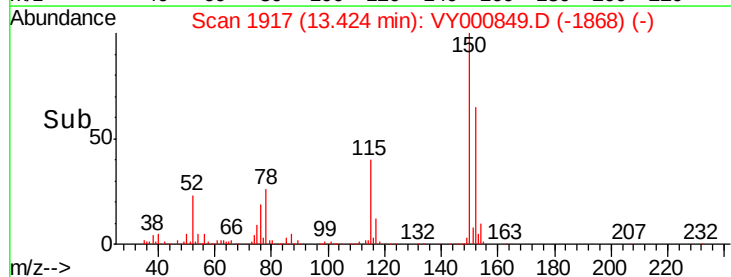
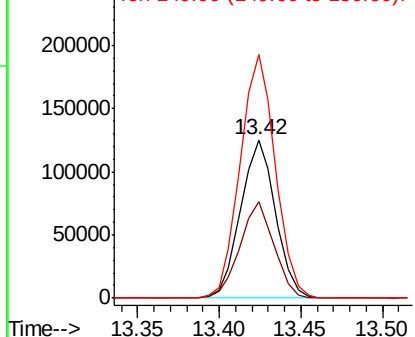


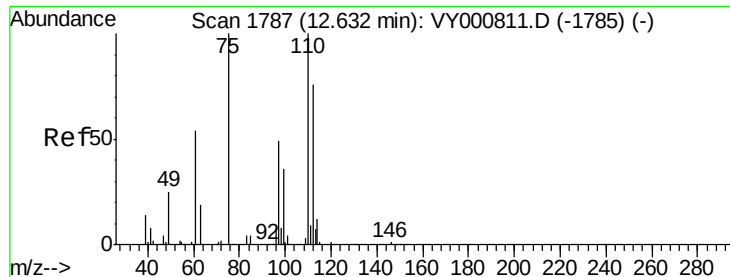
Abundance

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: 45.942 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

Instrument :

MSVOA_Y

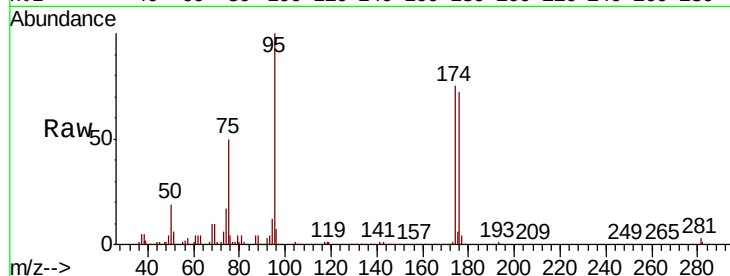
ClientSampleId :

Tot Ion: 75 Resp: 96913

Ion Ratio Lower Upper

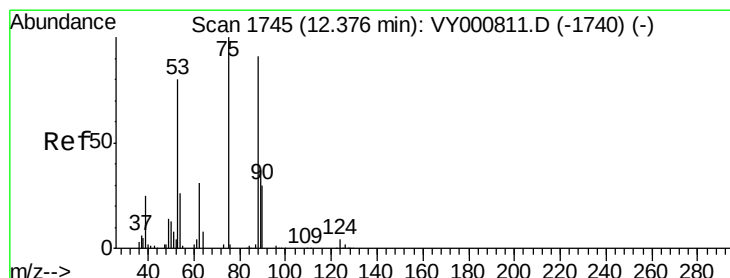
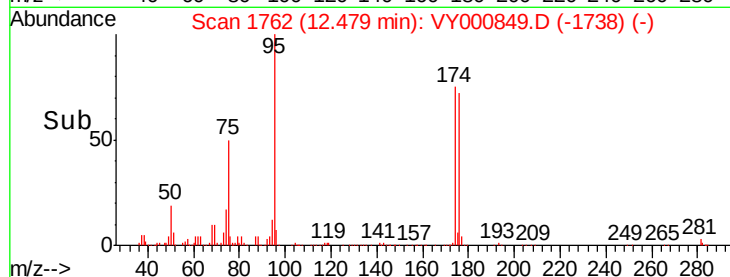
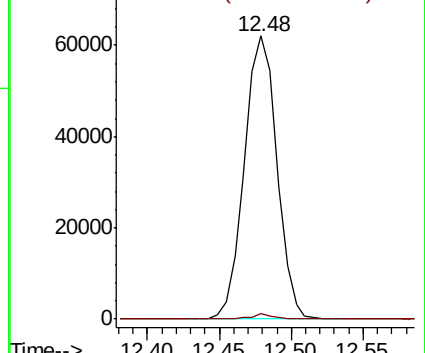
75 100

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: 90.243 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000849.D

Acq: 03 Dec 2019 19:16

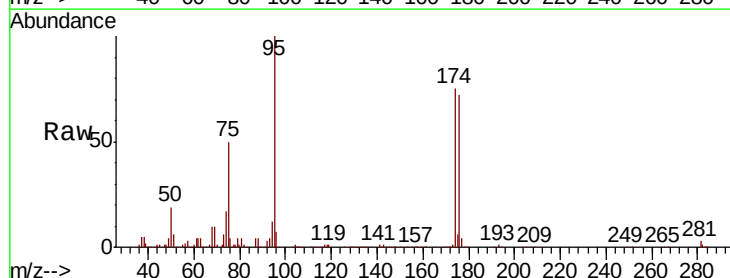
Tgt Ion: 75 Resp: 96913

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

