

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000828.D
 Acq On : 27 Nov 2019 18:38
 Operator : SY/MD
 Sample : WET BLANK TEST
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 22:10:27 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	255014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	483466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	413721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178404	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	142990	52.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.54%	
35) Dibromofluoromethane	7.73	113	139035	49.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.68%	
50) Toluene-d8	10.18	98	569432	50.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.48	95	180308	42.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.24%	

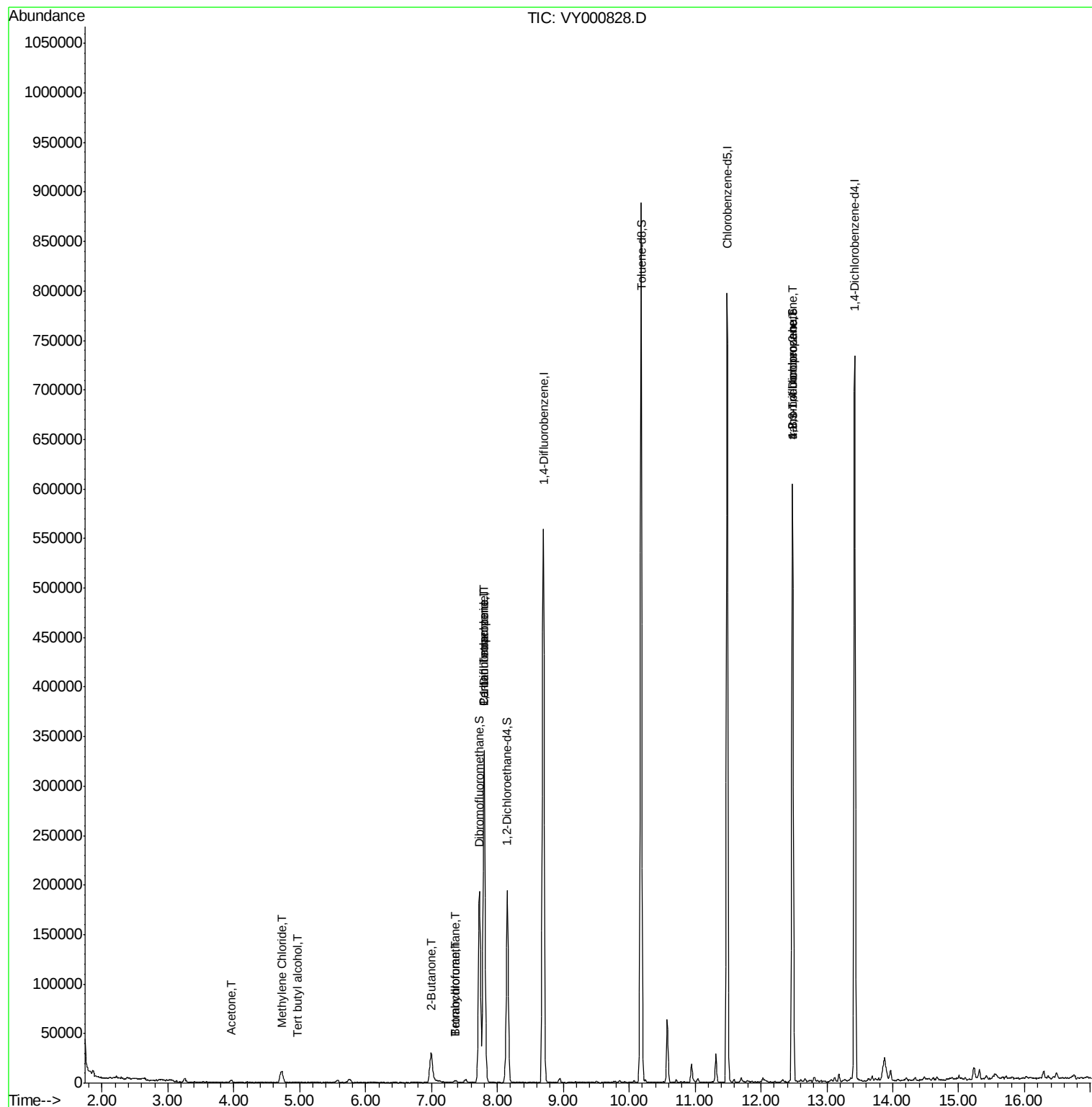
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.63	94	84	Below Cal	#	3
11) Tert butyl alcohol	4.96	59	596	2.186	ug/l #	74
16) Acetone	3.95	43	4378	7.043	ug/l #	73
20) Methylene Chloride	4.72	84	8479	2.588	ug/l #	82
25) 2-Butanone	7.00	43	3072	2.675	ug/l	96
28) Bromochloromethane	7.36	49	25	2.028	ug/l #	97
29) Tetrahydrofuran	7.36	42	1364	1.793	ug/l #	77
36) 1,1-Dichloropropene	7.80	75	20927	4.353	ug/l #	49
38) Carbon Tetrachloride	7.80	117	26067	6.089	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	92802	45.912	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	92802	90.184	ug/l #	18

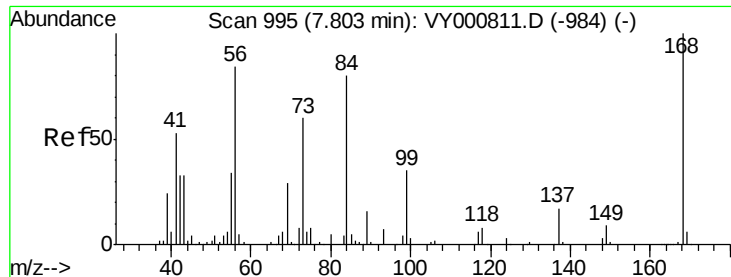
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

Instrument :

MSVOA_Y

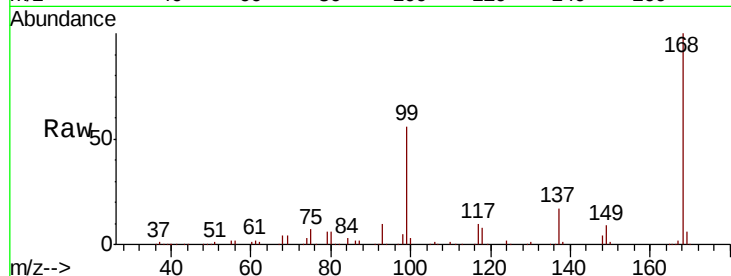
ClientSampleId :

Tot Ion:168 Resp: 255014

Ion Ratio Lower Upper

168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000828.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000828.D (-946) (-)

7.80

120000

100000

80000

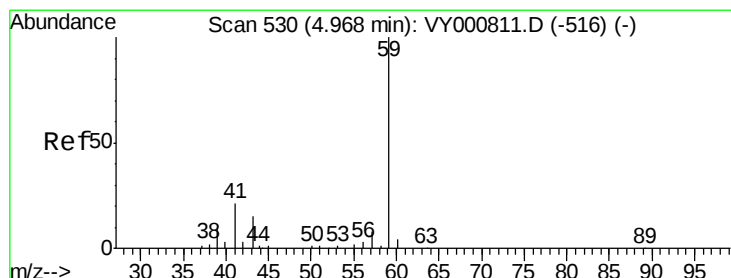
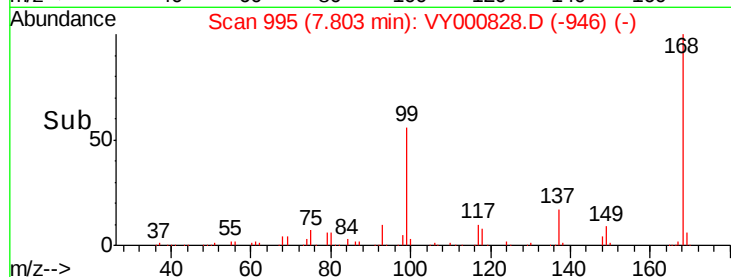
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.186 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000828.D

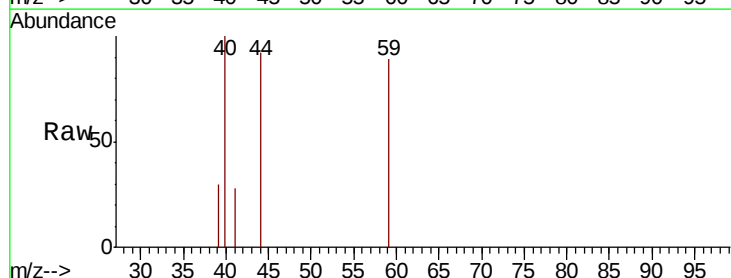
Acq: 27 Nov 2019 18:38

Tgt Ion: 59 Resp: 596

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000828.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000828.D (-481) (-)

4.96

400

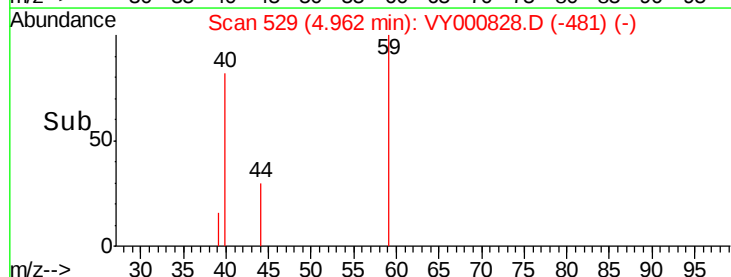
300

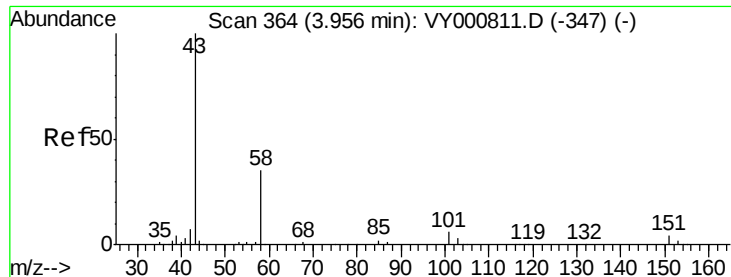
200

100

0

Time-->





#16

Acetone

Concen: 7.043 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

Instrument :

MSVOA_Y

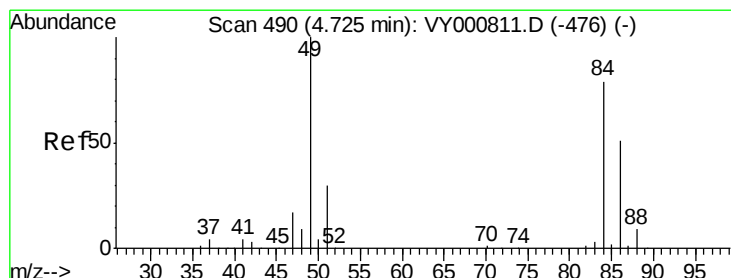
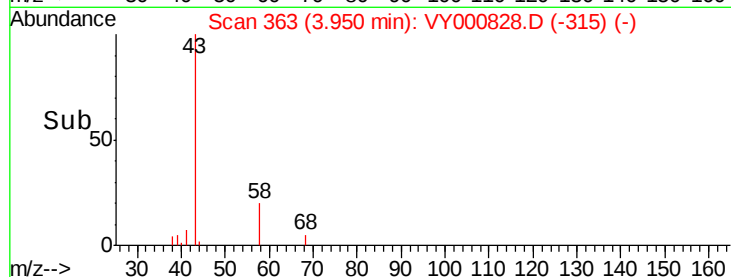
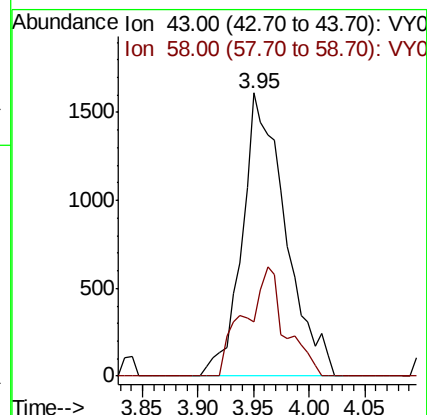
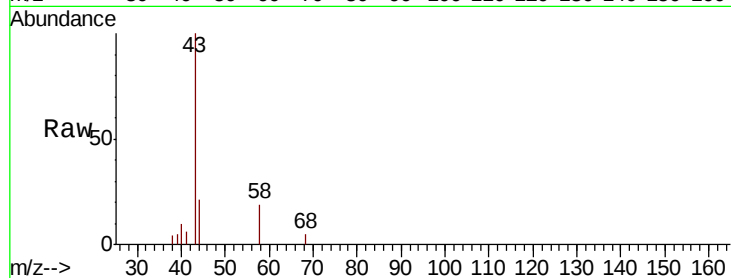
ClientSampleId :

Tot Ion: 43 Resp: 4378

Ion Ratio Lower Upper

43 100

58 19.2 28.0 42.0#



#20

Methylene Chloride

Concen: 2.588 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

Tgt Ion: 84 Resp: 8479

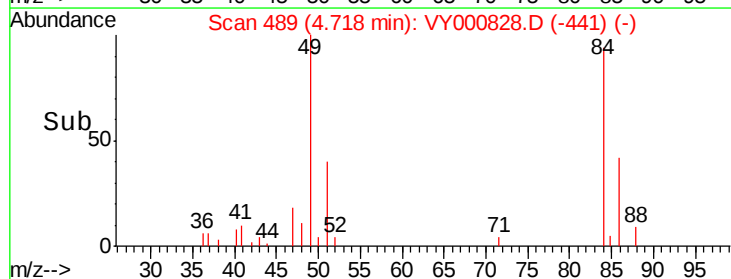
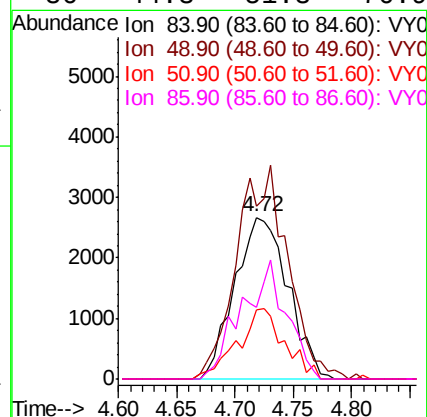
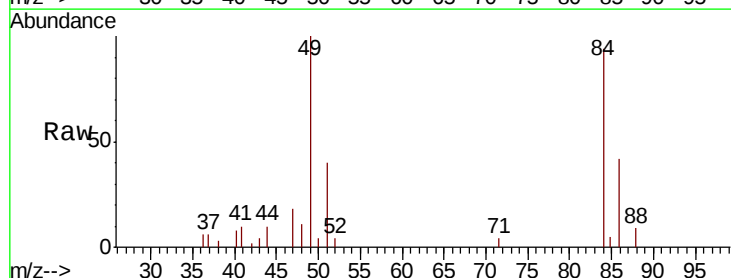
Ion Ratio Lower Upper

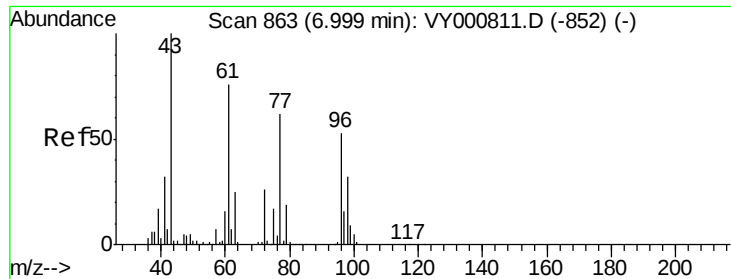
84 100

49 106.7 101.3 151.9

51 43.0 30.6 45.8

86 44.3 51.3 76.9#





#25

2-Butanone

Concen: 2.675 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

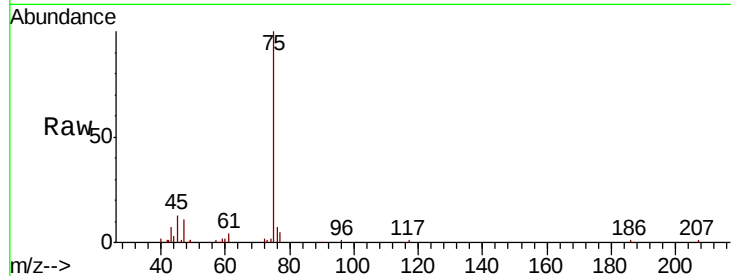
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 3072

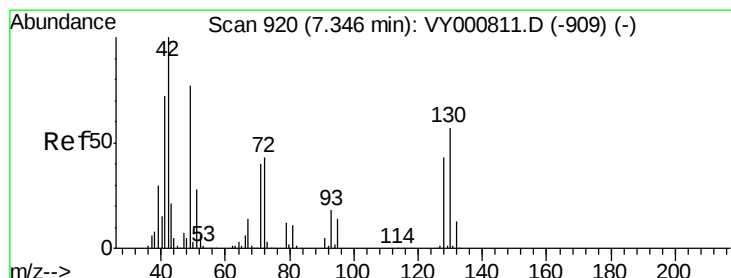
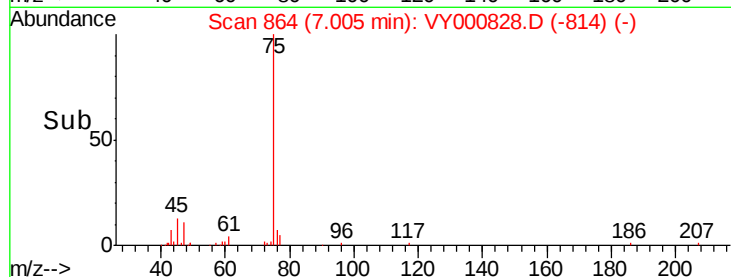
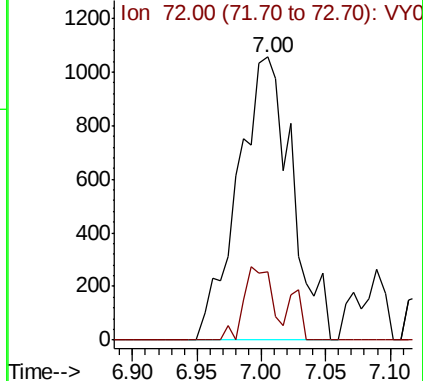
Ion Ratio Lower Upper

43 100

72 24.1 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: 2.028 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

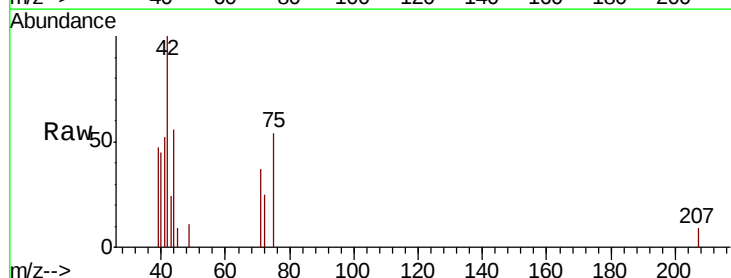
Tgt Ion: 49 Resp: 25

Ion Ratio Lower Upper

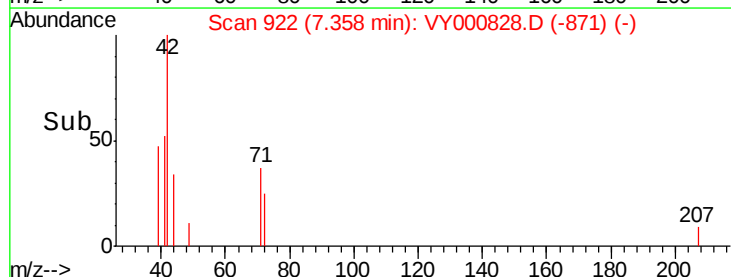
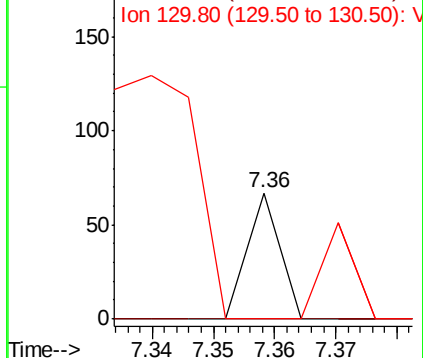
49 100

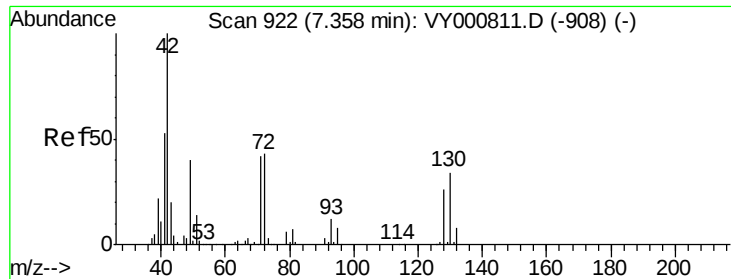
129 0.0 0.0 3.8

130 76.0 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





#29

Tetrahydrofuran

Concen: 1.793 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

Instrument :

MSVOA_Y

ClientSampleId :

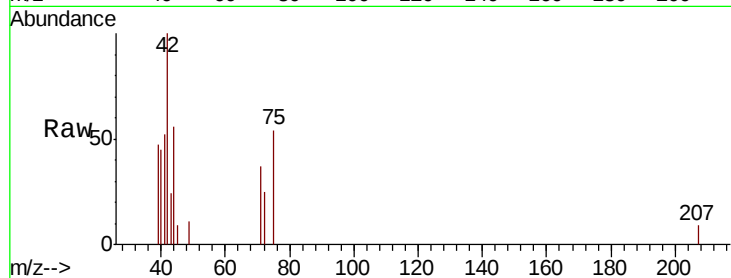
Tot Ion: 42 Resp: 1364

Ion Ratio Lower Upper

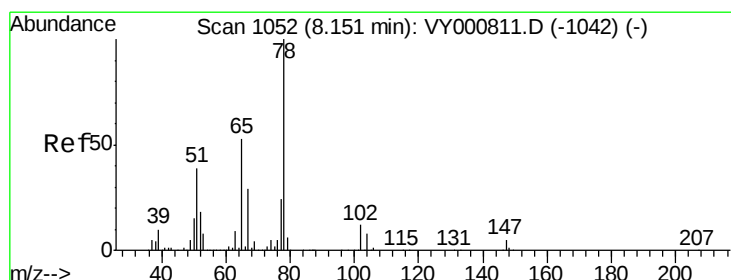
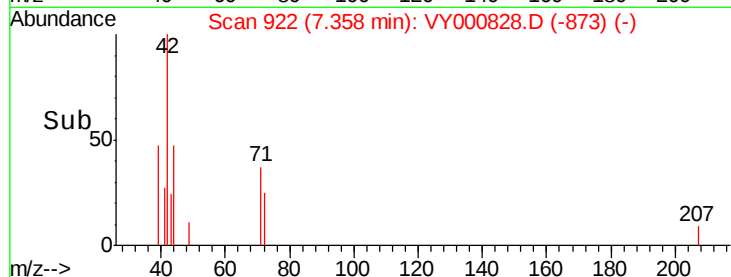
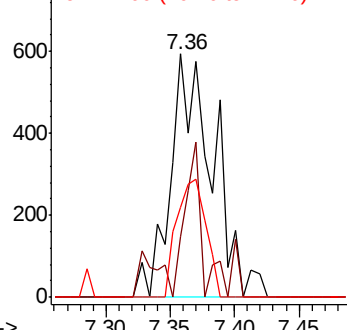
42 100

72 23.2 35.1 52.7#

71 33.1 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: 52.769 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000828.D

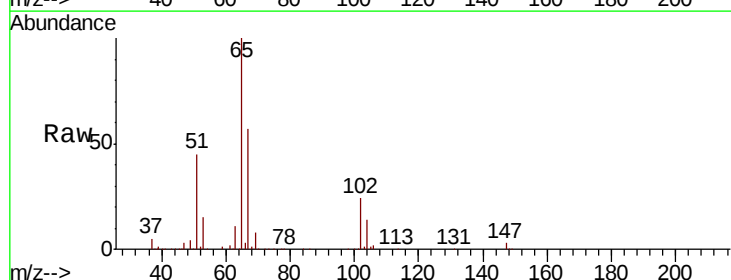
Acq: 27 Nov 2019 18:38

Tgt Ion: 65 Resp: 142990

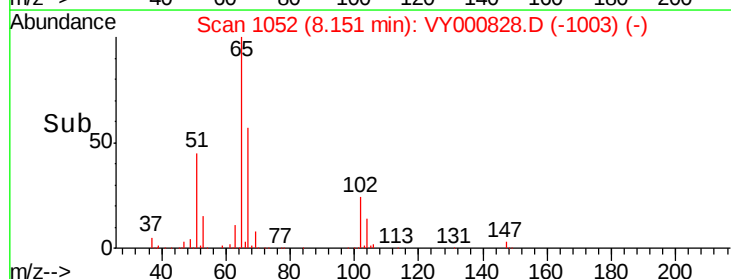
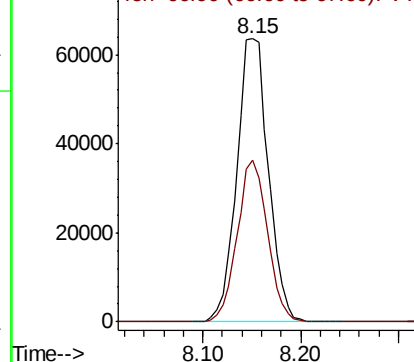
Ion Ratio Lower Upper

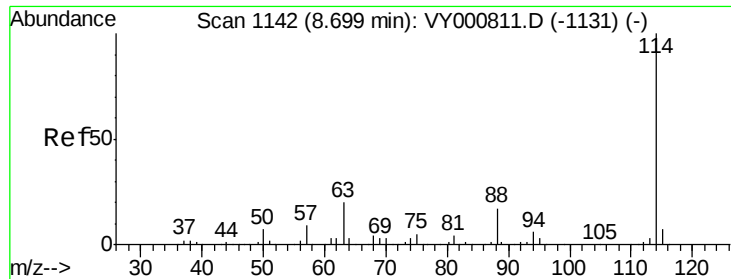
65 100

67 54.7 0.0 112.0



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

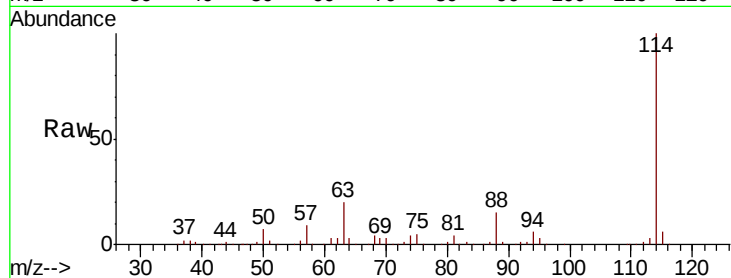




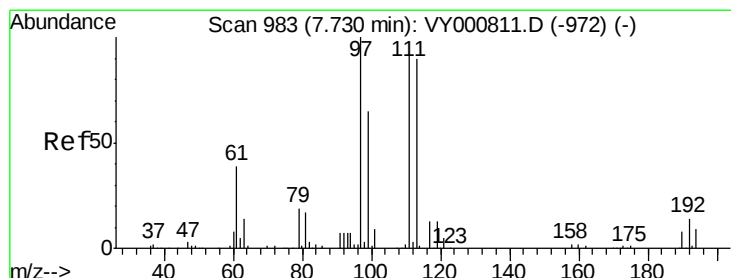
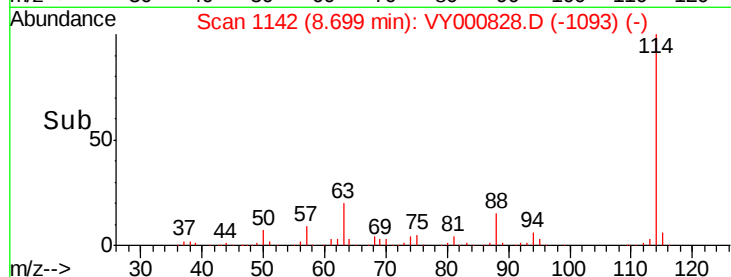
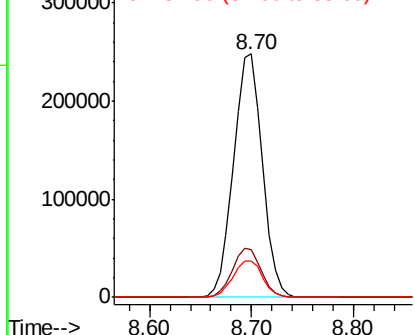
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000828.D
 Acq: 27 Nov 2019 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 483466
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.1 0.0 33.2

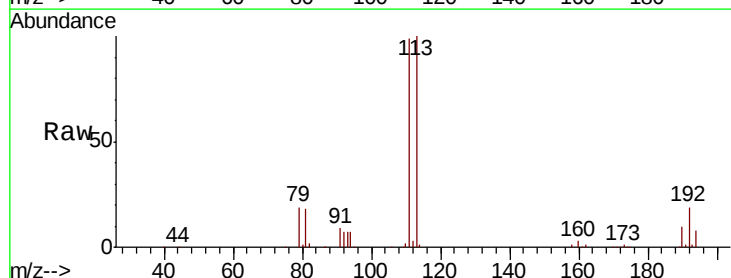


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

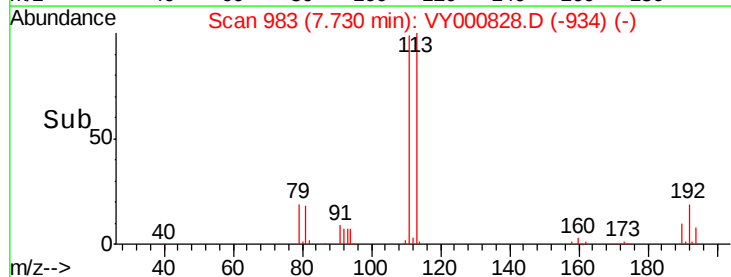
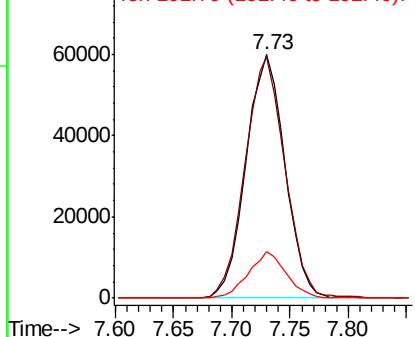


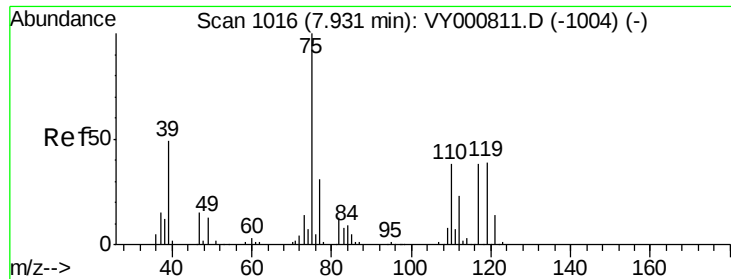
#35
 Dibromofluoromethane
 Concen: 49.345 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000828.D
 Acq: 27 Nov 2019 18:38

Tgt Ion:113 Resp: 139035
 Ion Ratio Lower Upper
 113 100
 111 101.3 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

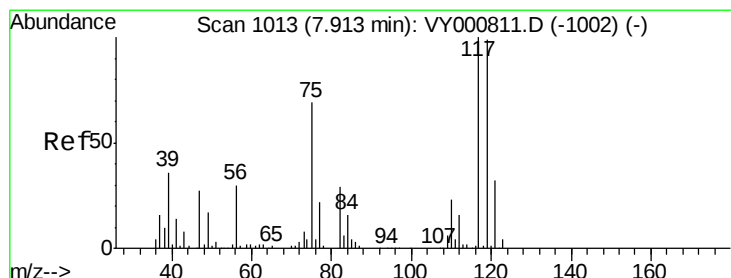
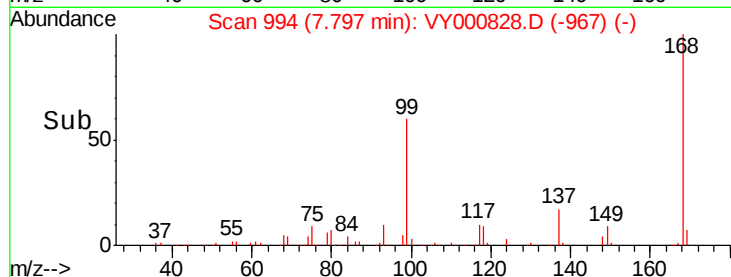
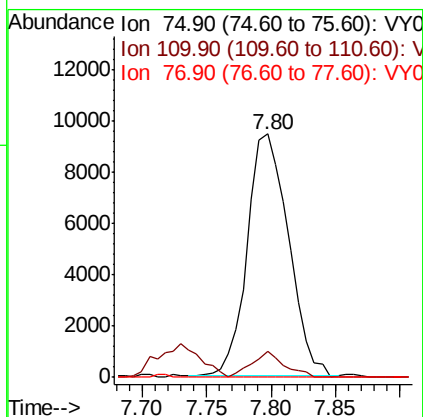
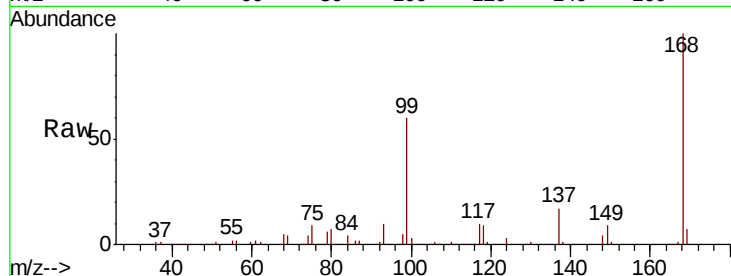




#36
 1,1-Dichloropropene
 Concen: 4.353 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000828.D
 Acq: 27 Nov 2019 18:38

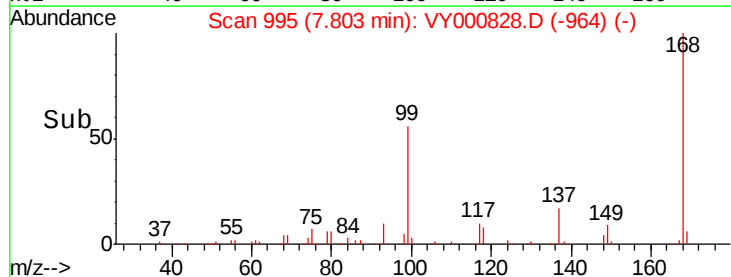
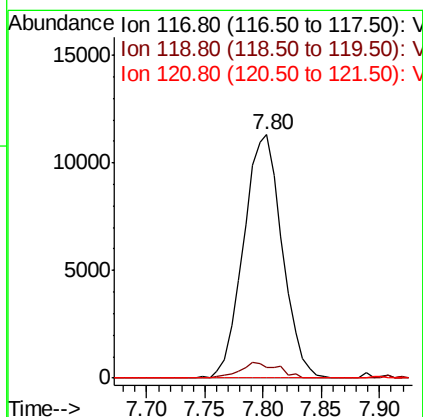
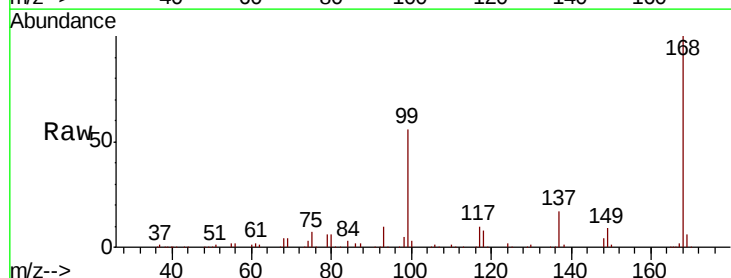
Instrument :
 MSVOA_Y
 ClientSampleId :

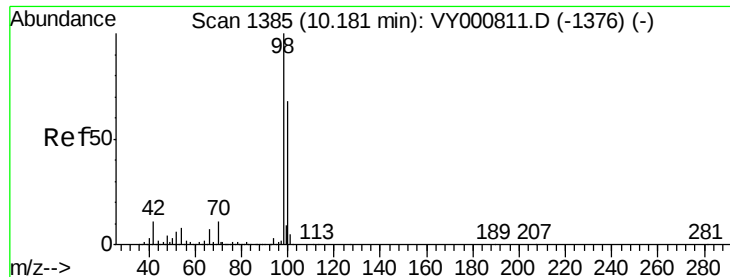
Tot Ion	75	Resp	20927
Ion Ratio	Lower	Upper	
75	100		
110	8.4	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.089 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000828.D
 Acq: 27 Nov 2019 18:38

Tgt Ion	117	Resp	26067
Ion Ratio	Lower	Upper	
117	100		
119	4.5	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 50.550 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

Instrument :

MSVOA_Y

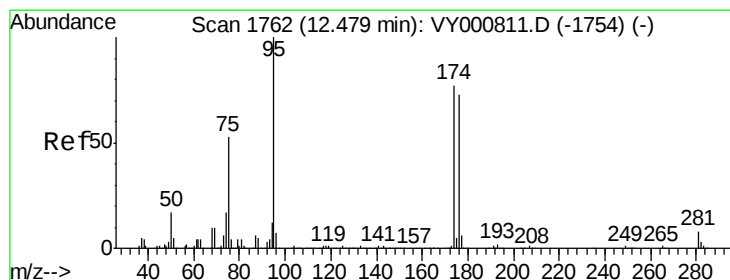
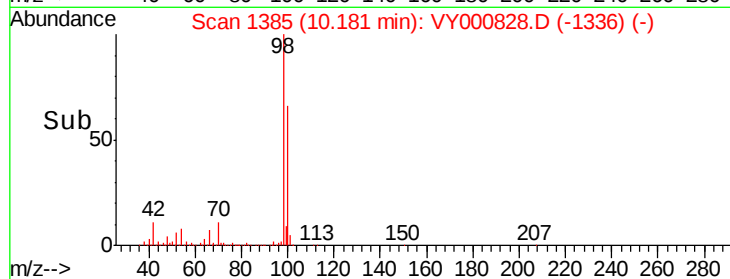
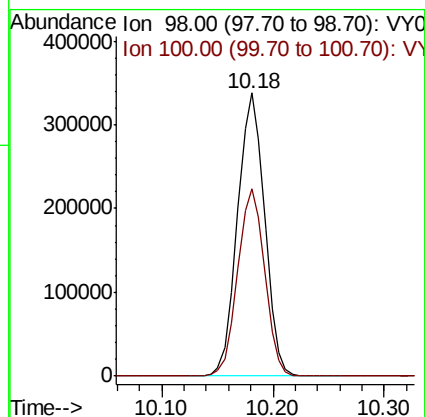
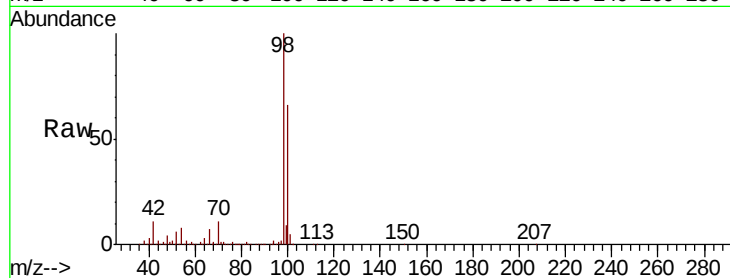
ClientSampleId :

Tot Ion: 98 Resp: 569432

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.621 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000828.D

Acq: 27 Nov 2019 18:38

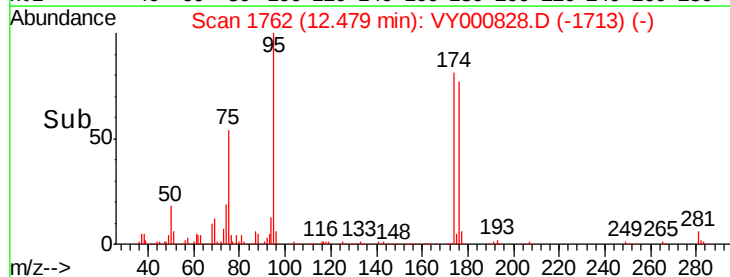
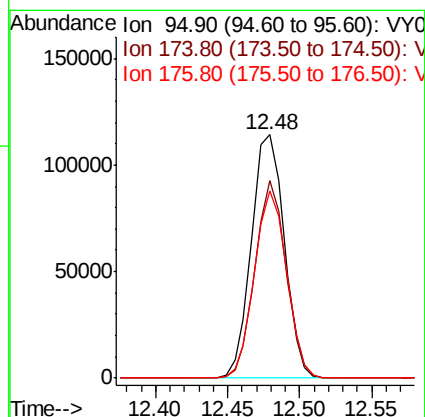
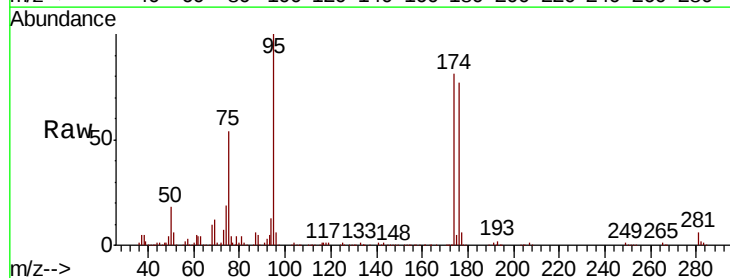
Tgt Ion: 95 Resp: 180308

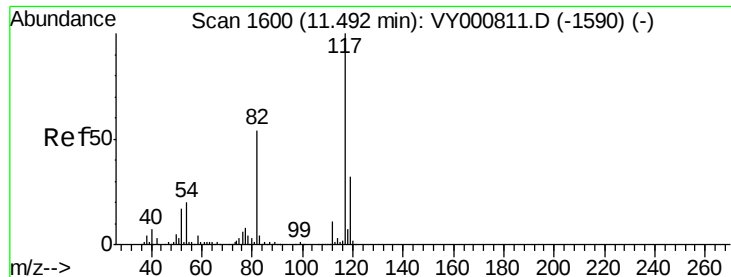
Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.6

176 75.4 0.0 145.2

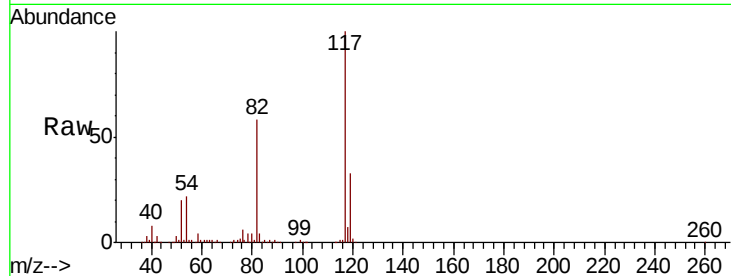




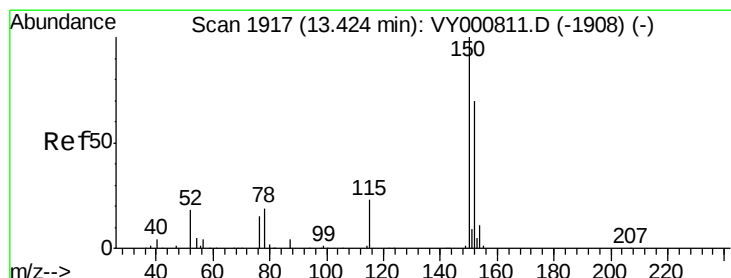
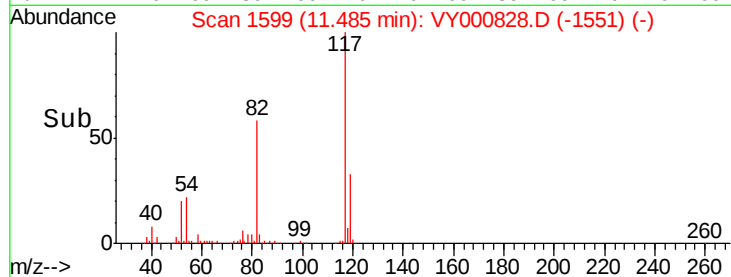
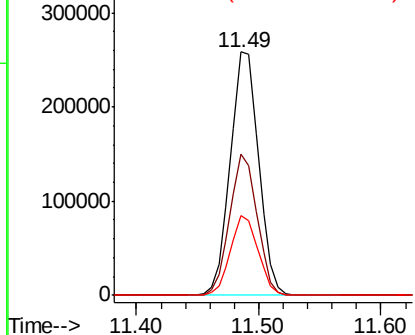
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000828.D
Acq: 27 Nov 2019 18:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.1	64.7
119	32.6	25.3	37.9

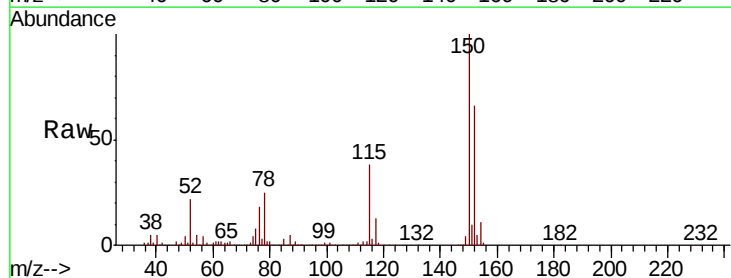


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

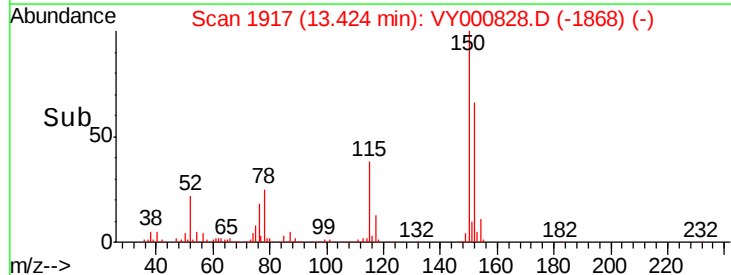
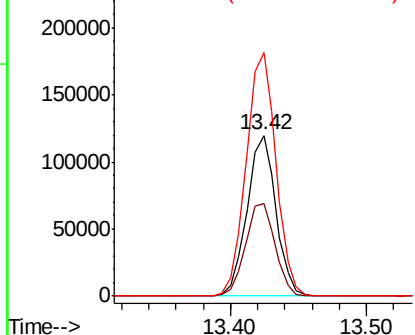


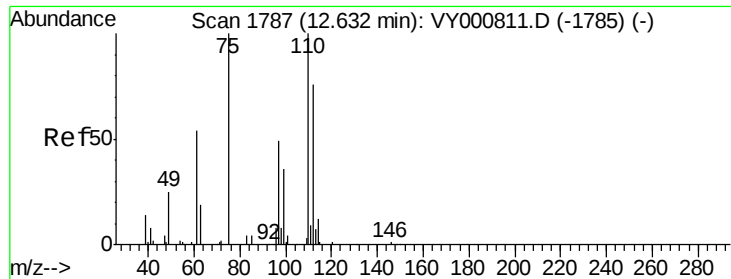
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000828.D
Acq: 27 Nov 2019 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	87.8
150	156.3	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

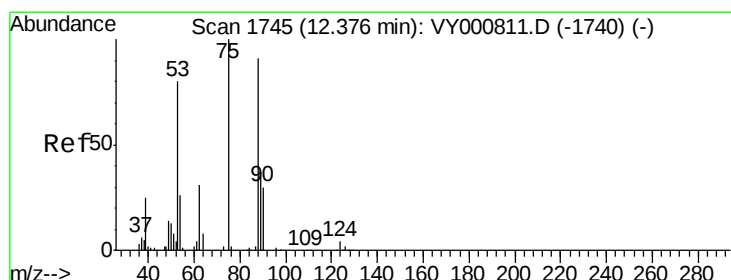
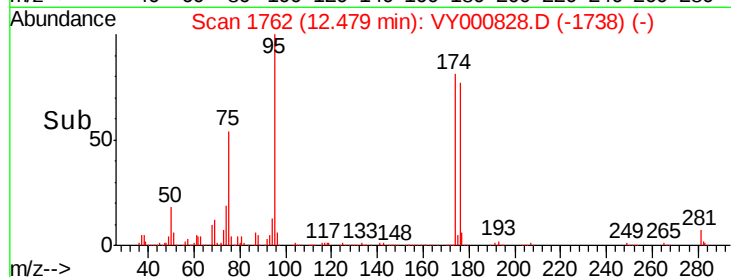
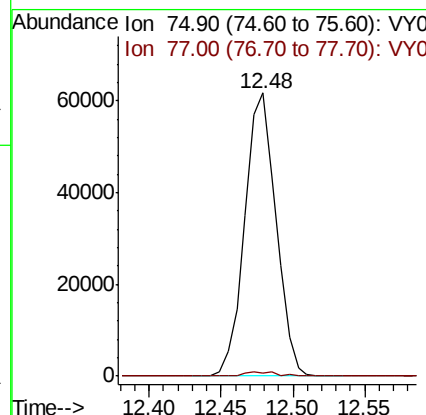
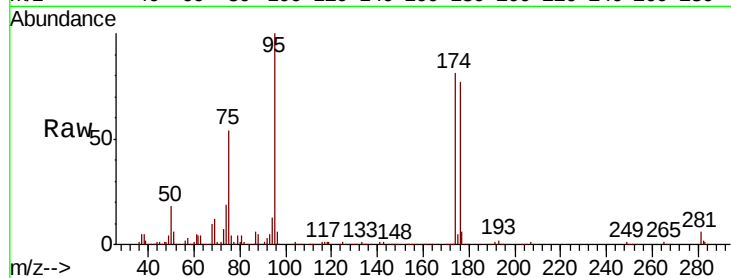




#76
 1,2,3-Trichloropropane
 Concen: 45.912 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY000828.D
 Acq: 27 Nov 2019 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 92802
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.184 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000828.D
 Acq: 27 Nov 2019 18:38

Tgt Ion: 75 Resp: 92802
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.6 96.8#
 89 0.2 33.6 50.4#

