

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001194.D
 Acq On : 14 Jan 2020 11:28
 Operator : SY/MD
 Sample : L1098-02
 Misc : 7.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2_13.0-13.5

Quant Time: Jan 15 01:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	161212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	295001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123528	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	92566	54.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.72%	
35) Dibromofluoromethane	7.73	113	88150	51.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.08%	
50) Toluene-d8	10.18	98	348611	52.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	127007	46.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.36%	

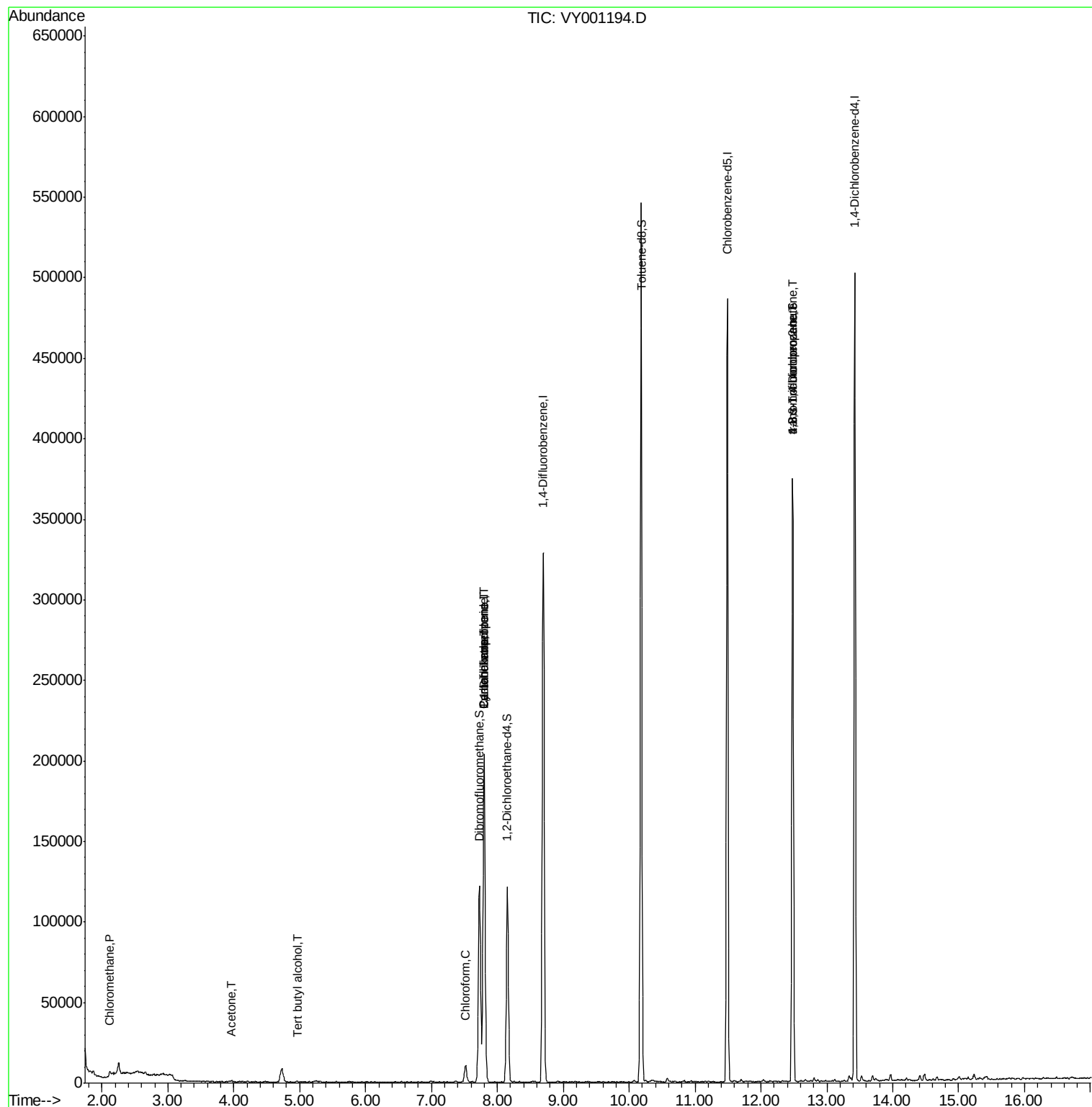
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	1850	1.037	ug/l	91
11) Tert butyl alcohol	4.96	59	241	1.407	ug/l #	60
16) Acetone	3.96	43	1206	3.050	ug/l #	79
20) Methylene Chloride	4.73	84	6114	Below Cal		95
30) Chloroform	7.52	83	10047	3.297	ug/l	99
31) Cyclohexane	7.80	56	3523	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12124	4.509	ug/l #	48
38) Carbon Tetrachloride	7.80	117	15324	6.219	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	61953	46.850	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	61953	79.447	ug/l #	6

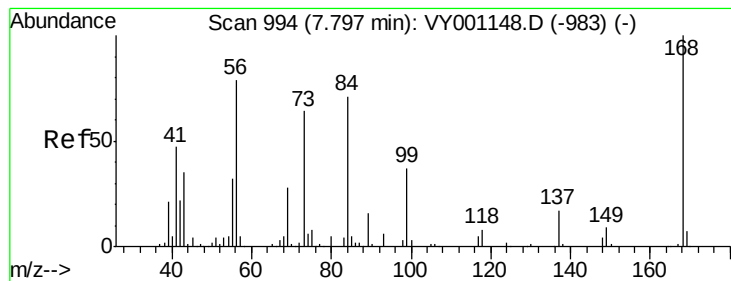
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

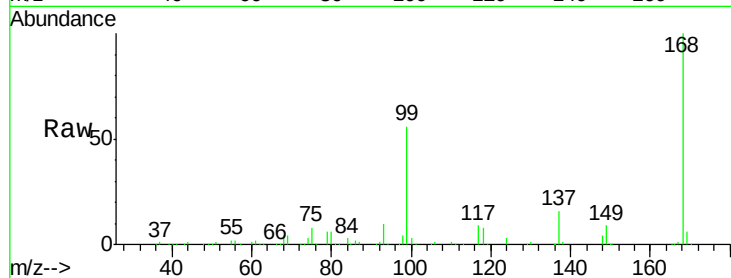
SB-2_13.0-13.5

Tgt Ion:168 Resp: 161212

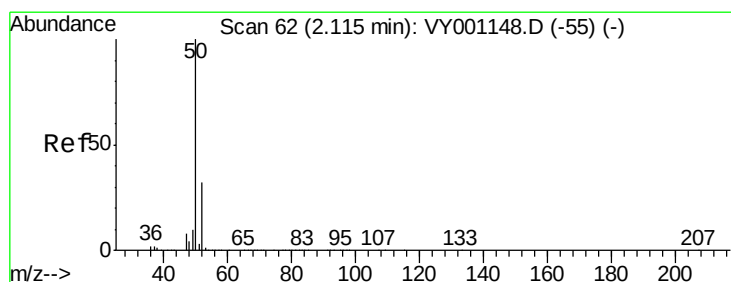
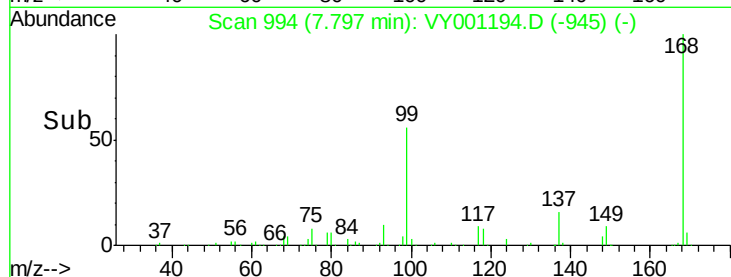
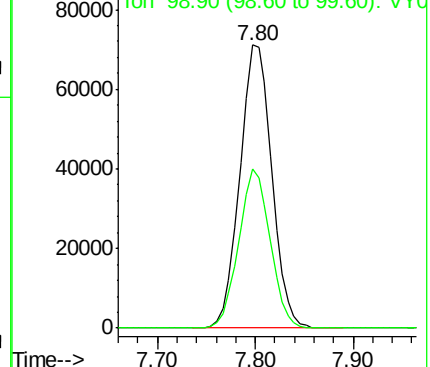
Ion Ratio Lower Upper

168 100

99 56.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)



#3

Chloromethane

Concen: 1.037 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001194.D

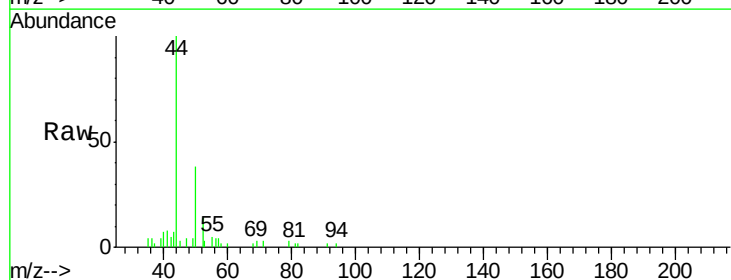
Acq: 14 Jan 2020 11:28

Tgt Ion: 50 Resp: 1850

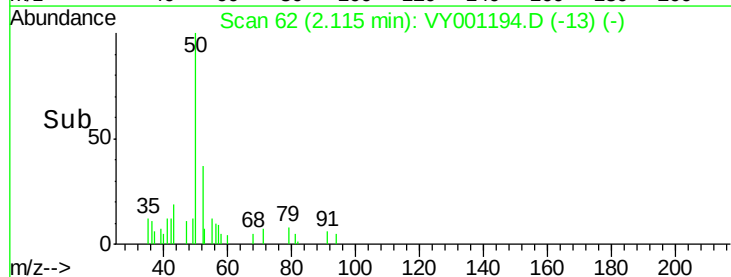
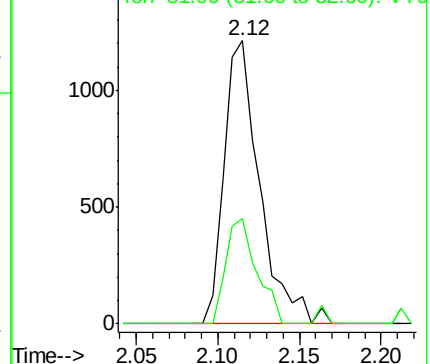
Ion Ratio Lower Upper

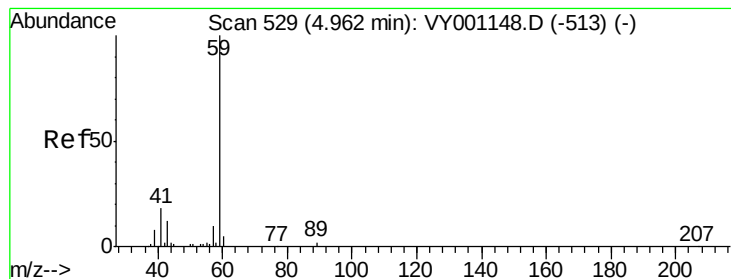
50 100

52 37.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001148.D (-55) (-)





#11

Tert butyl alcohol

Concen: 1.407 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

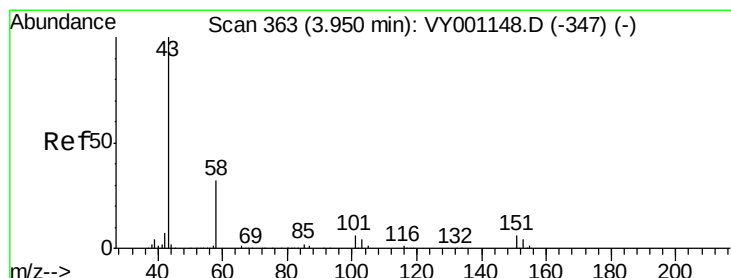
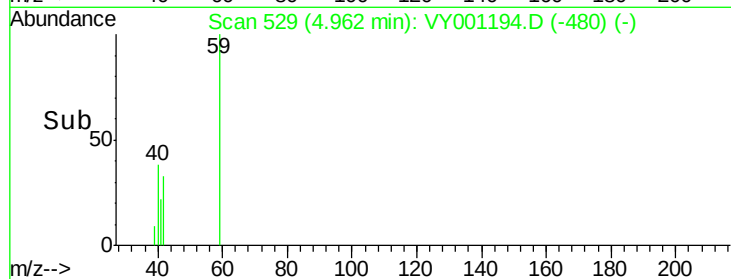
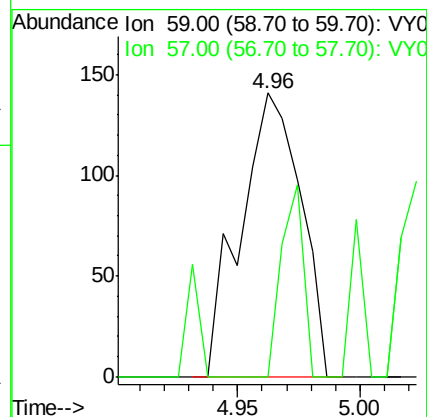
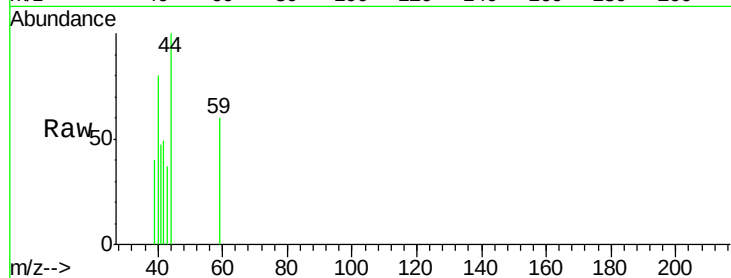
SB-2_13.0-13.5

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

59 100

57 24.5 7.8 11.8#



#16

Acetone

Concen: 3.050 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001194.D

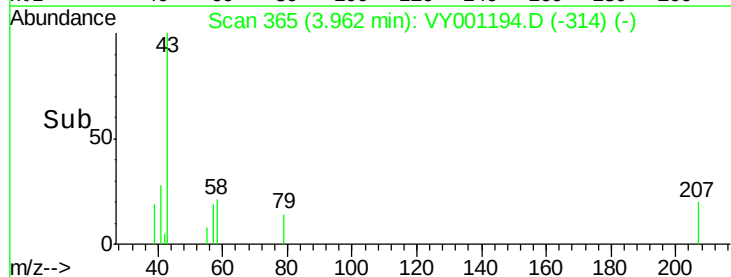
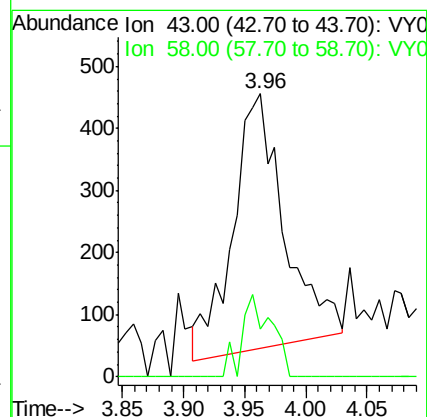
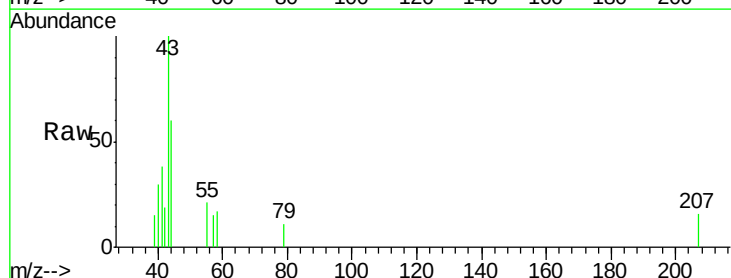
Acq: 14 Jan 2020 11:28

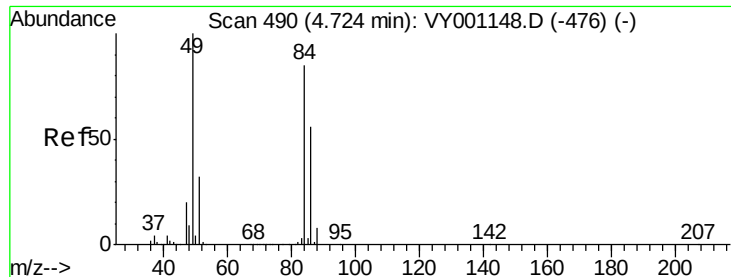
Tgt Ion: 43 Resp: 1206

Ion Ratio Lower Upper

43 100

58 20.3 25.8 38.6#

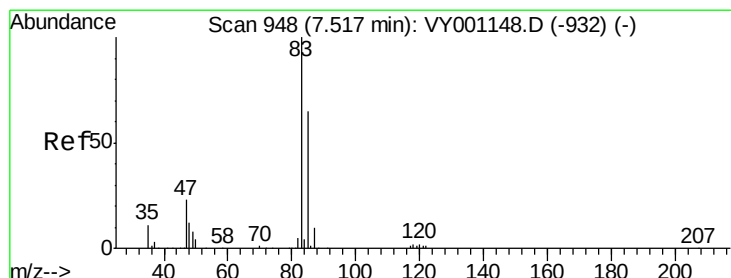
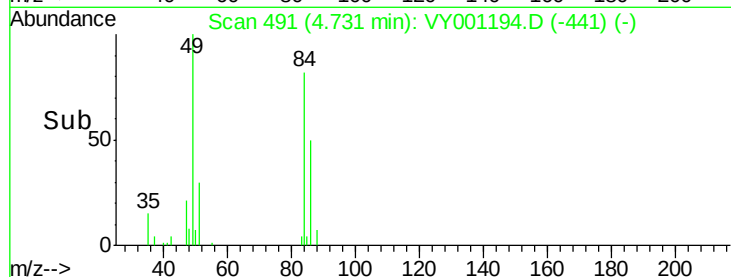
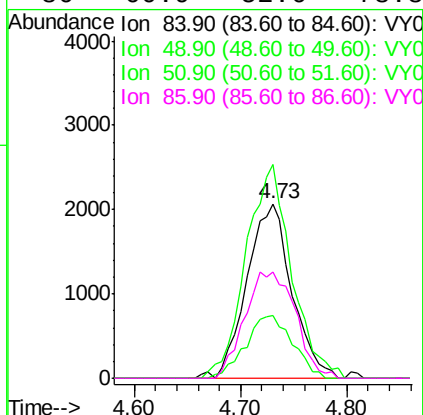
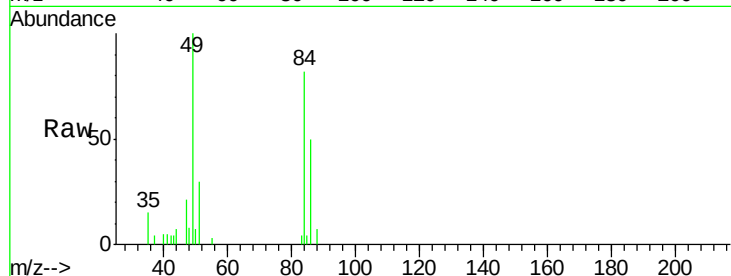




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

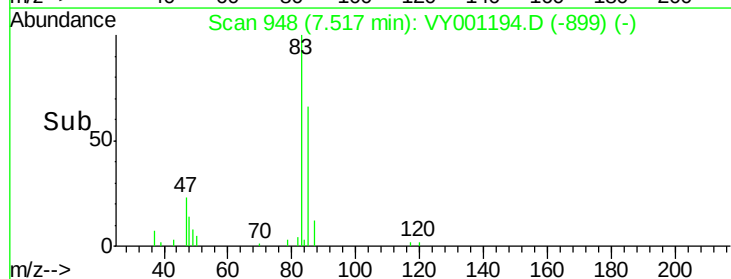
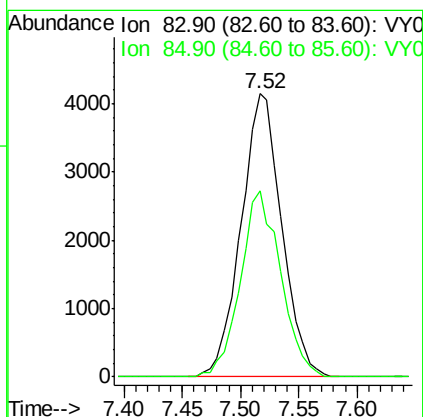
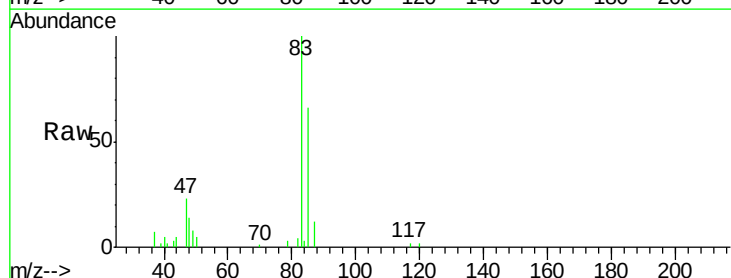
Instrument :
MSVOA_Y
ClientSampleId :
SB-2_13.0-13.5

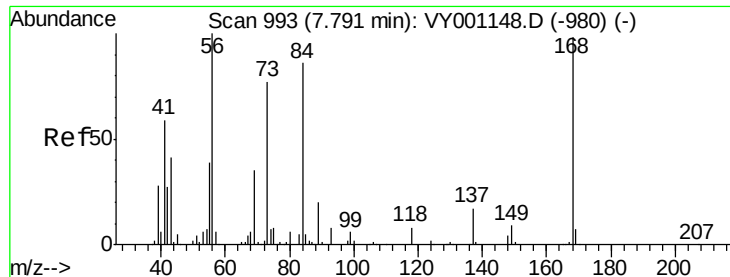
Tgt Ion:	84	Resp:	6114
Ion	Ratio	Lower	Upper
84	100		
49	122.4	93.8	140.6
51	36.2	29.9	44.9
86	60.9	52.6	78.8



#30
Chloroform
Concen: 3.297 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

Tgt Ion:	83	Resp:	10047
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.9	77.9





#31

Cyclohexane

Concen: 1.070 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-2_13.0-13.5

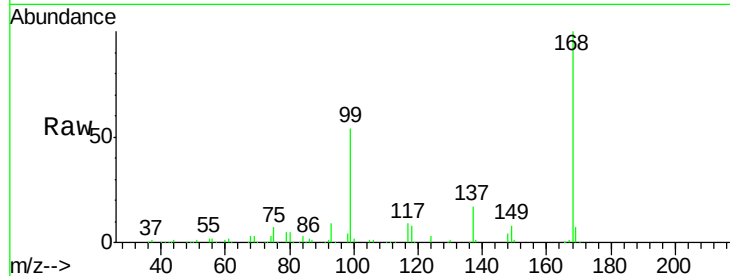
Tgt Ion: 56 Resp: 3523

Ion Ratio Lower Upper

56 100

69 151.6 27.8 41.8#

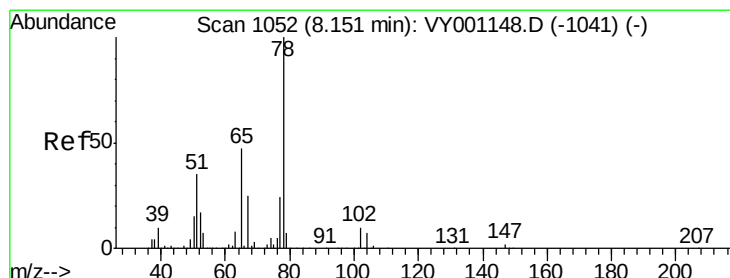
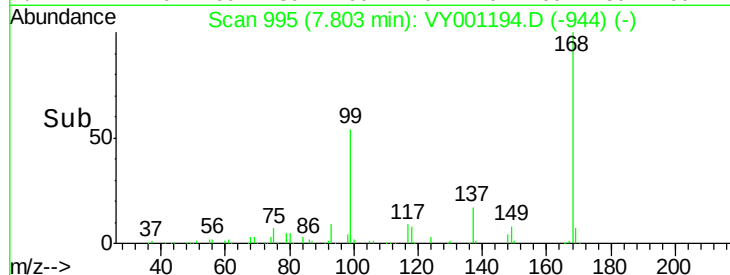
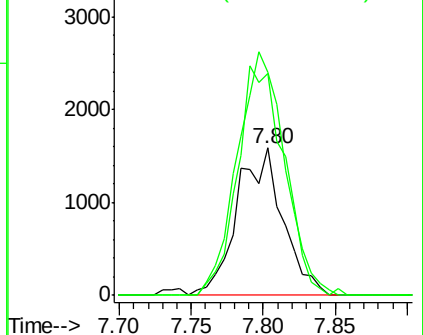
84 150.5 68.9 103.3#



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: 54.365 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001194.D

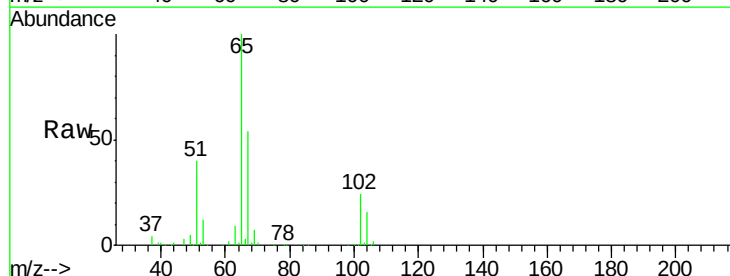
Acq: 14 Jan 2020 11:28

Tgt Ion: 65 Resp: 92566

Ion Ratio Lower Upper

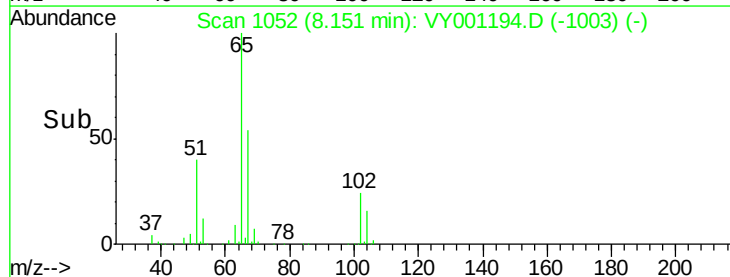
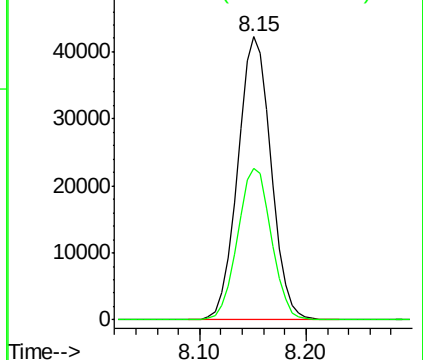
65 100

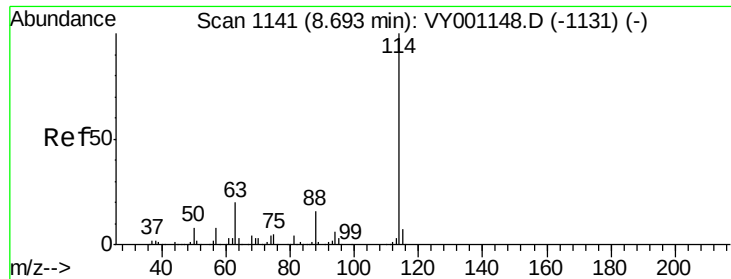
67 54.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

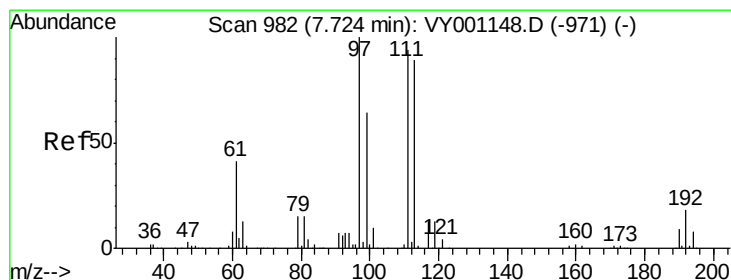
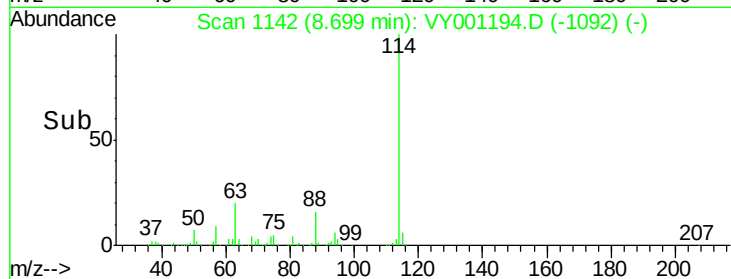
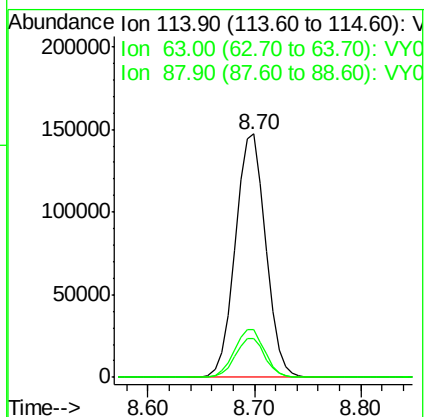
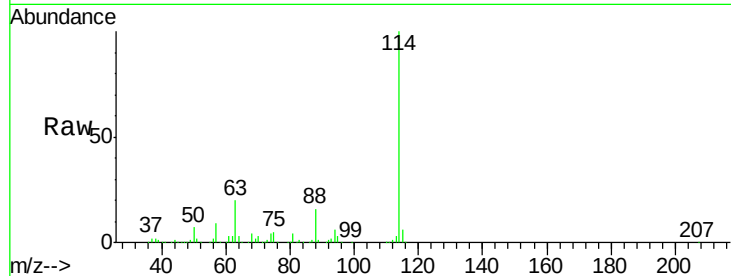




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001194.D
 Acq: 14 Jan 2020 11:28

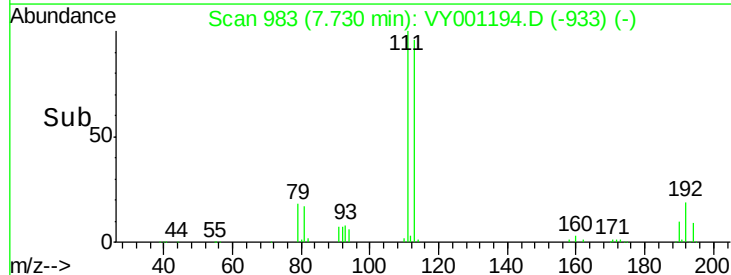
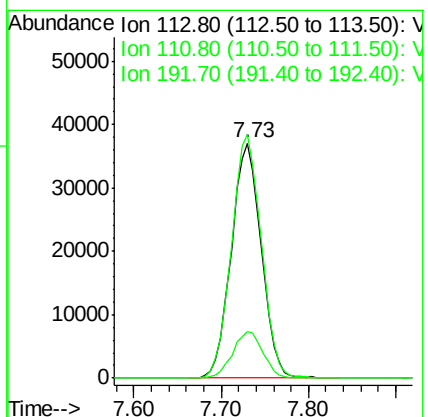
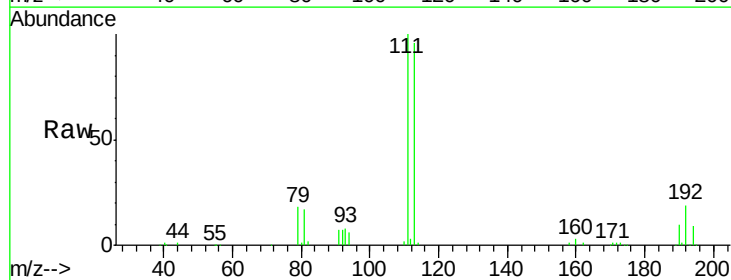
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 MSVOA_Y
 ClientSampleId :
 SB-2_13.0-13.5

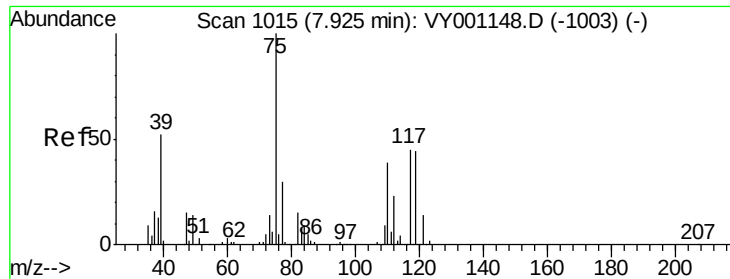
Tgt Ion:	114	Resp:	295001
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.8	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 51.036 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001194.D
 Acq: 14 Jan 2020 11:28

Tgt Ion:	113	Resp:	88150
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.9	15.4	23.2

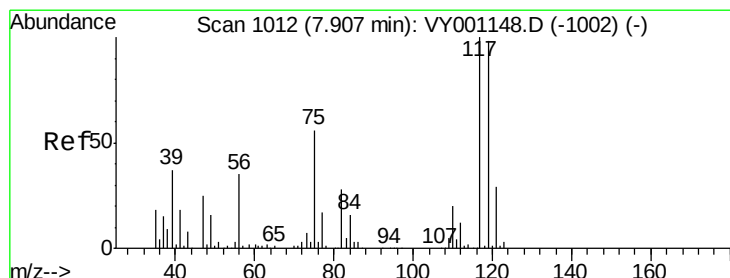
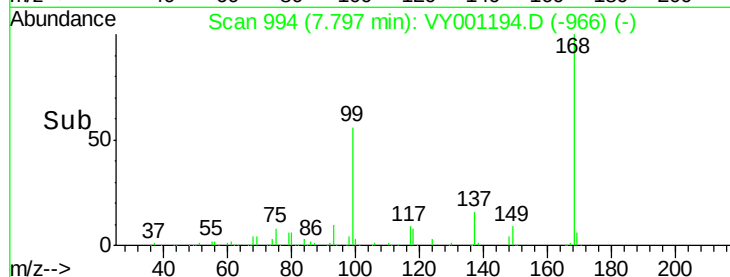
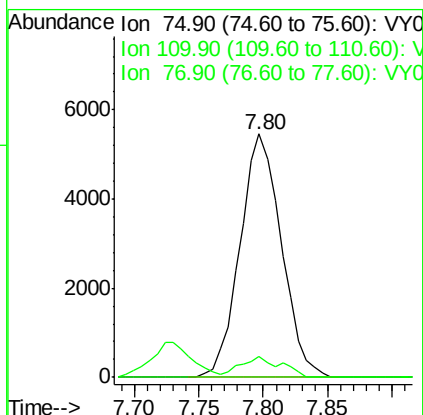
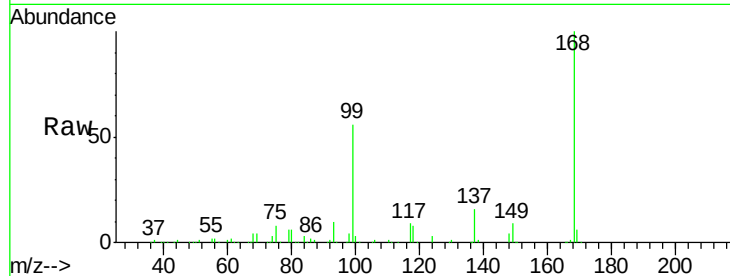




#36
 1,1-Dichloropropene
 Concen: 4.509 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001194.D
 Acq: 14 Jan 2020 11:28

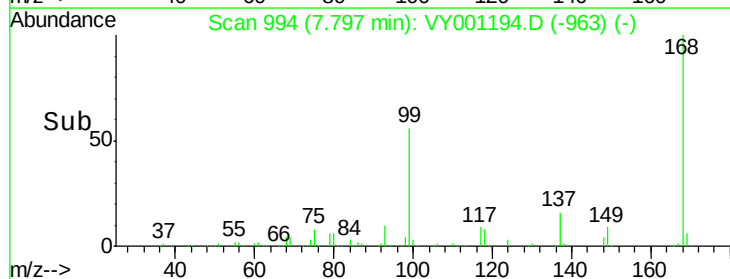
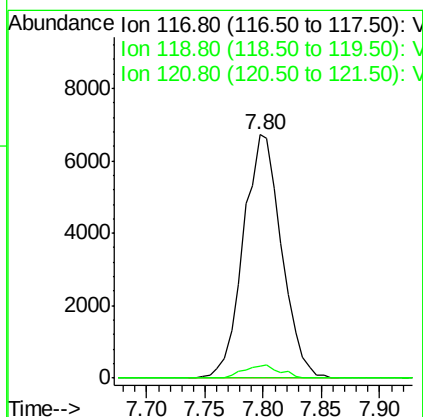
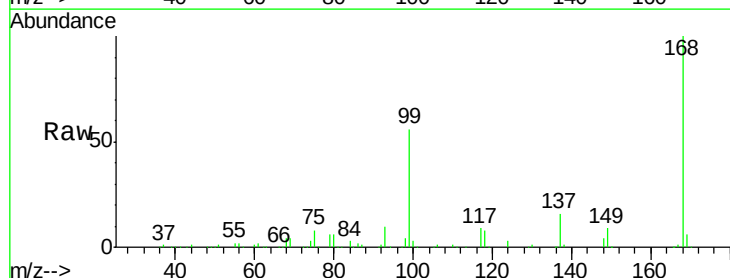
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 SB-2_13.0-13.5

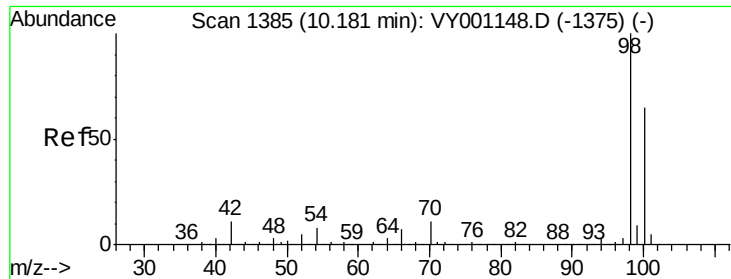
Tgt Ion: 75 Resp: 12124
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.219 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001194.D
 Acq: 14 Jan 2020 11:28

Tgt Ion: 117 Resp: 15324
 Ion Ratio Lower Upper
 117 100
 119 4.8 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.381 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

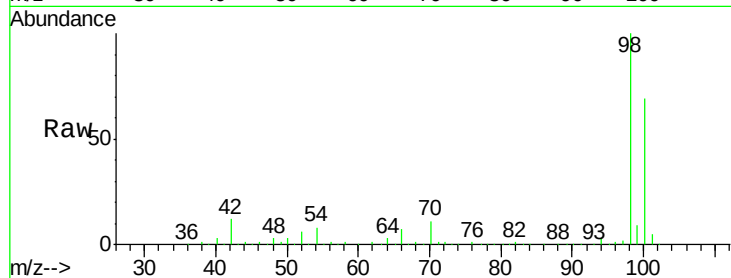
SB-2_13.0-13.5

Tgt Ion: 98 Resp: 348611

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

200000

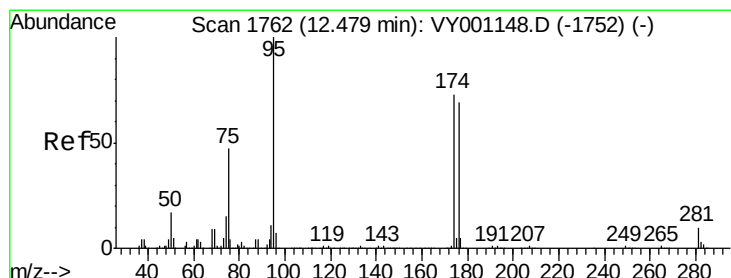
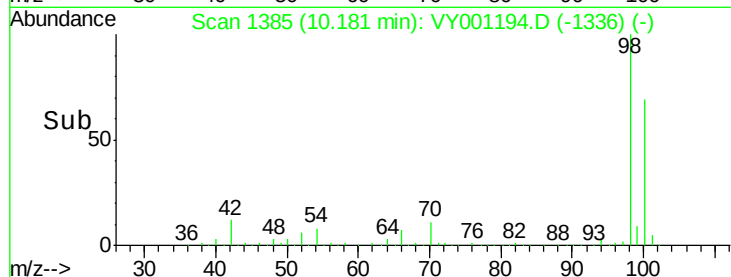
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.679 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

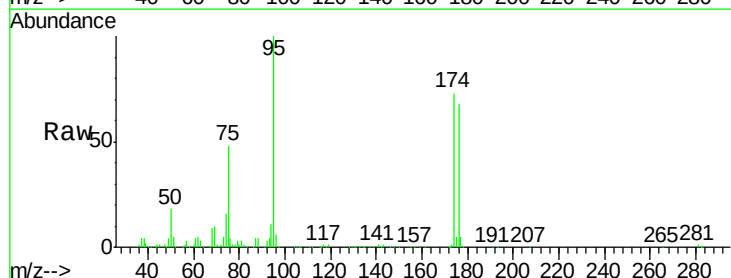
Tgt Ion: 95 Resp: 127007

Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.2

176 72.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

100000

80000

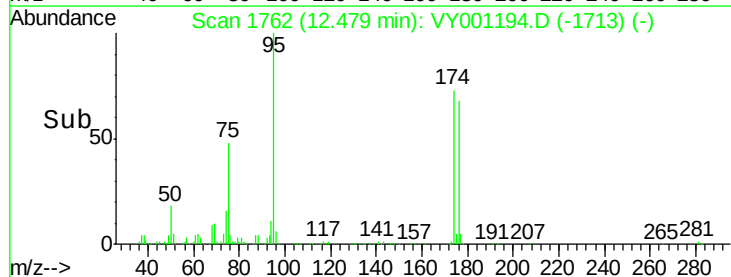
60000

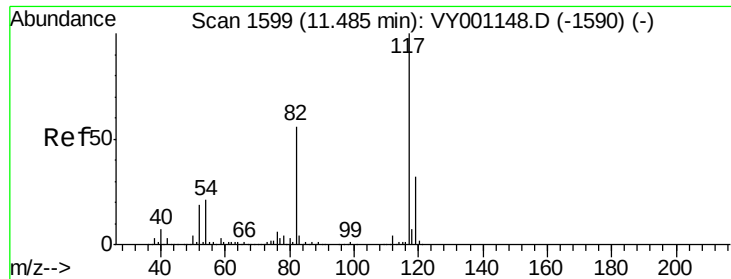
40000

20000

0

Time-->

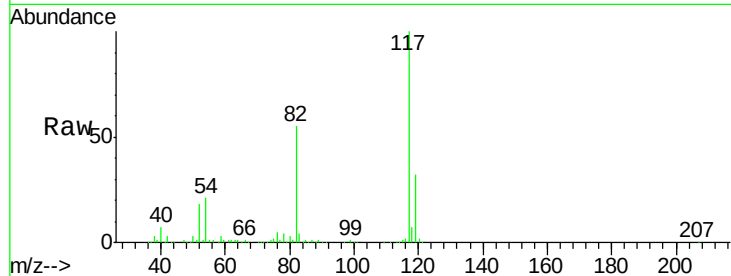




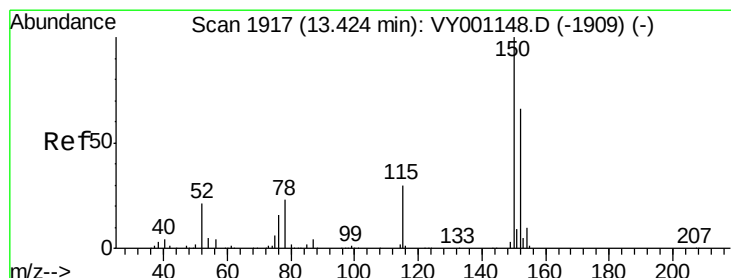
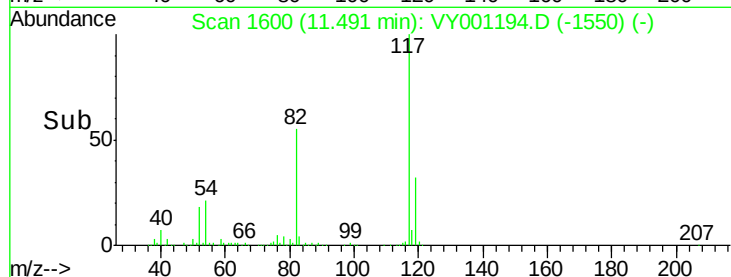
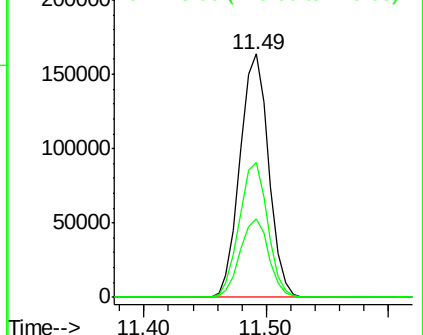
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-2_13.0-13.5

Tgt Ion:117 Resp: 266032
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.3 25.7 38.5

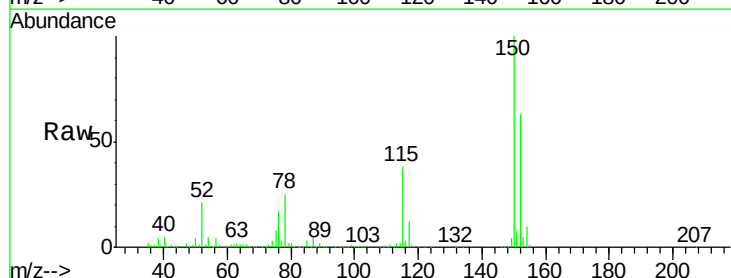


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

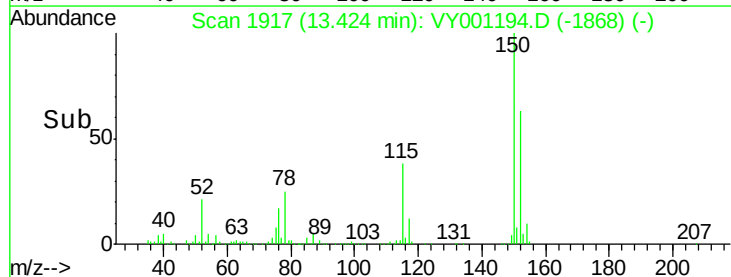
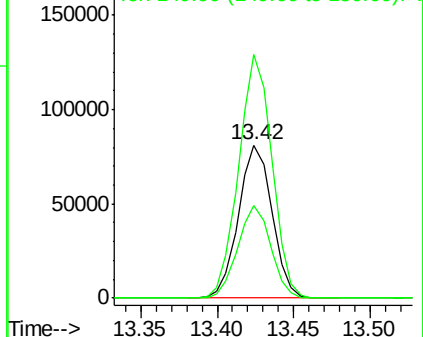


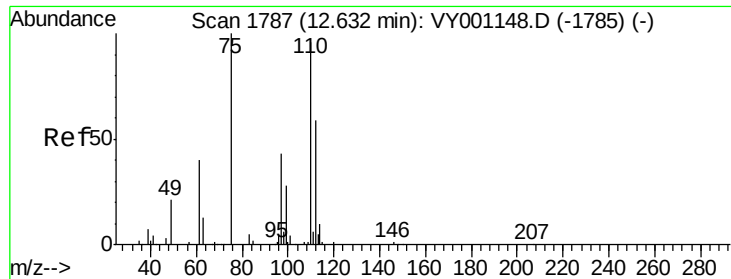
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001194.D
Acq: 14 Jan 2020 11:28

Tgt Ion:152 Resp: 123528
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.5
150 157.7 0.0 346.8



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: 46.850 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

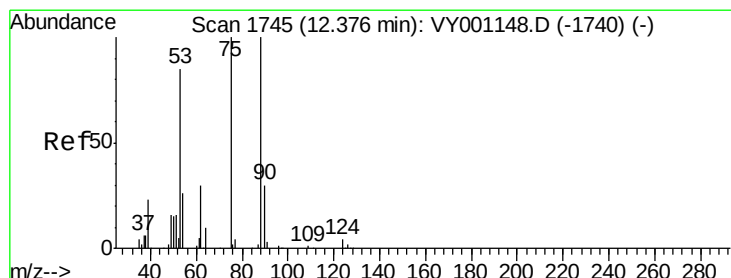
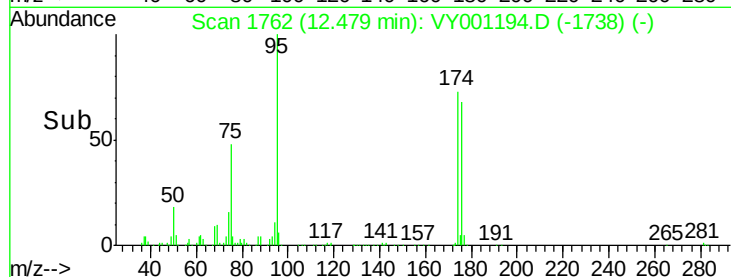
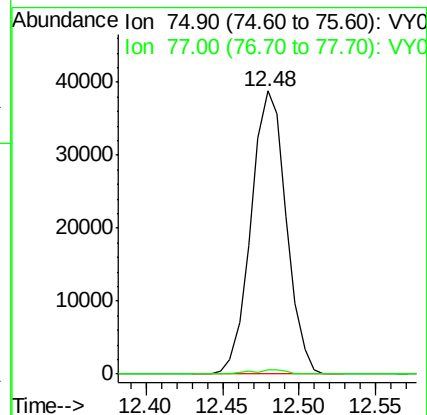
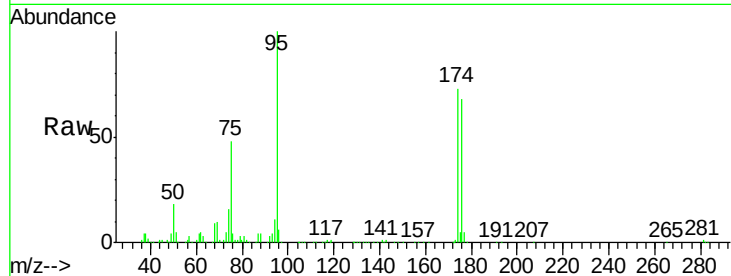
SB-2_13.0-13.5

Tgt Ion: 75 Resp: 61953

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.447 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001194.D

Acq: 14 Jan 2020 11:28

Tgt Ion: 75 Resp: 61953

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 0.0 0.0#

