

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002108.D
 Acq On : 27 Mar 2020 16:16
 Operator : SY/MD
 Sample : L2049-05
 Misc : 7.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(10-12)

Quant Time: Mar 30 03:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	247417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	230817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	102426	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	81078	58.70	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	117.40%	
35) Dibromofluoromethane	7.73	113	72556	52.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.68%	
50) Toluene-d8	10.18	98	306563	53.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.49	95	108498	53.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.74%	

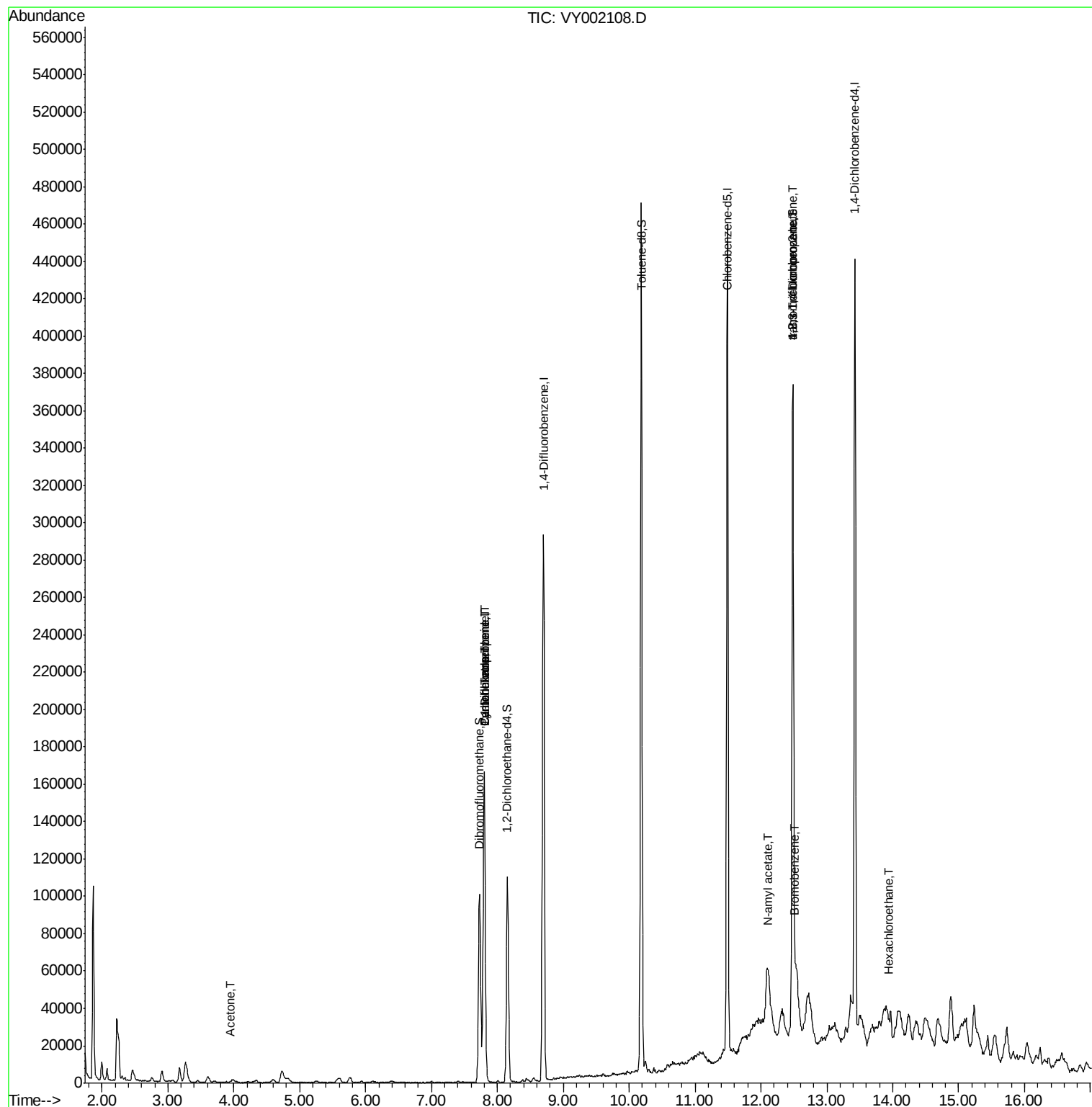
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.95	43	573	1.477	ug/l #	84
20) Methylene Chloride	4.74	84	4620	Below Cal		95
31) Cyclohexane	7.80	56	3207	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11308	4.832	ug/l #	50
38) Carbon Tetrachloride	7.80	117	13259	6.678	ug/l #	17
74) N-amyl acetate	12.11	43	32004	13.355	ug/l #	42
76) 1,2,3-Trichloropropane	12.49	75	55717	48.630	ug/l #	100
77) Bromobenzene	12.52	156	30334	18.702	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	55717	94.214	ug/l #	19
90) Hexachloroethane	13.94	117	1605	1.280	ug/l #	22

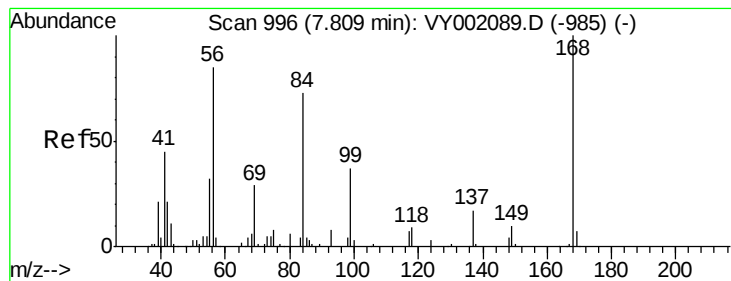
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 07:11:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

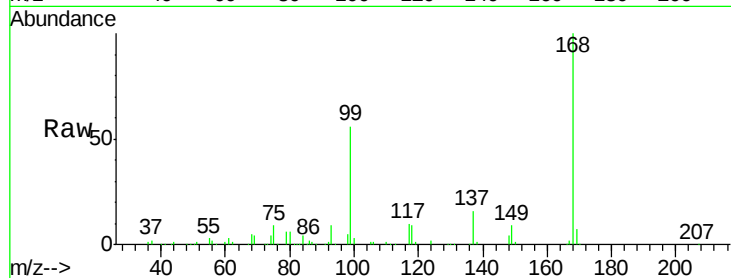
SB-1-(10-12)

Tgt Ion:168 Resp: 124934

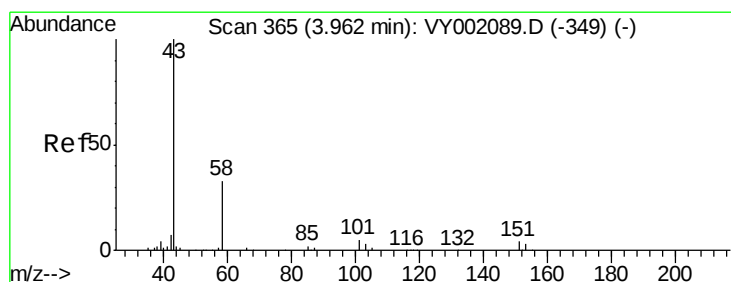
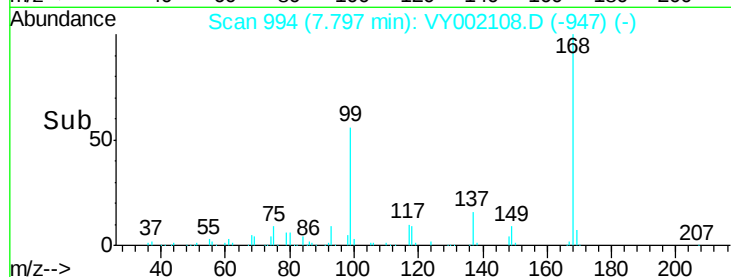
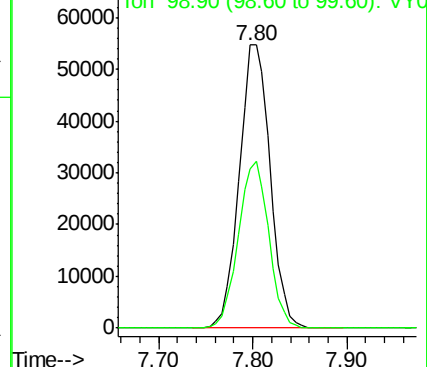
Ion Ratio Lower Upper

168 100

99 56.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002108.D (-985) (-)



#16

Acetone

Concen: 1.477 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002108.D

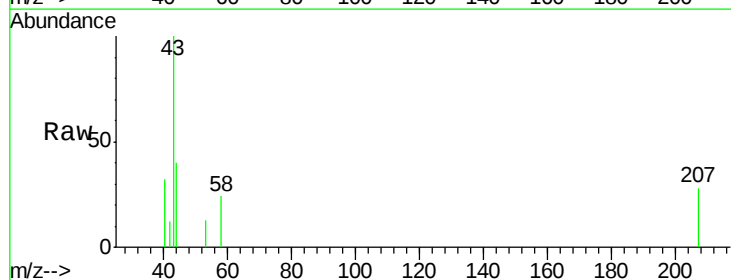
Acq: 27 Mar 2020 16:16

Tgt Ion: 43 Resp: 573

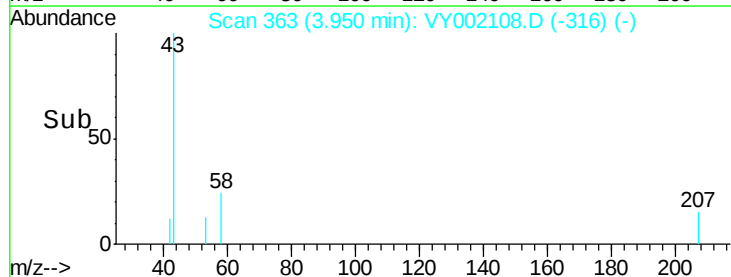
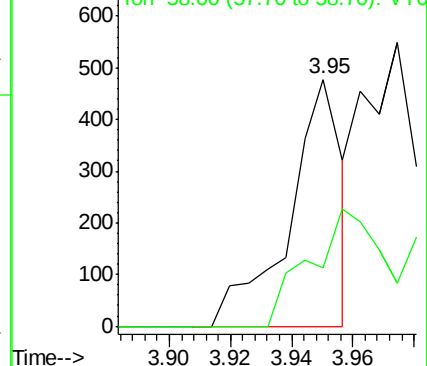
Ion Ratio Lower Upper

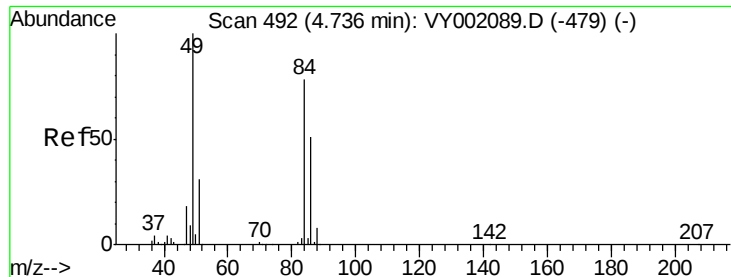
43 100

58 23.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002108.D (-316) (-)

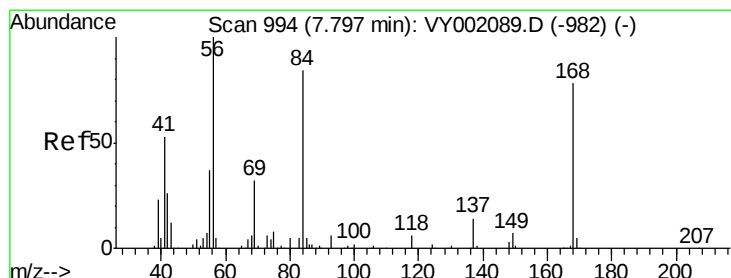
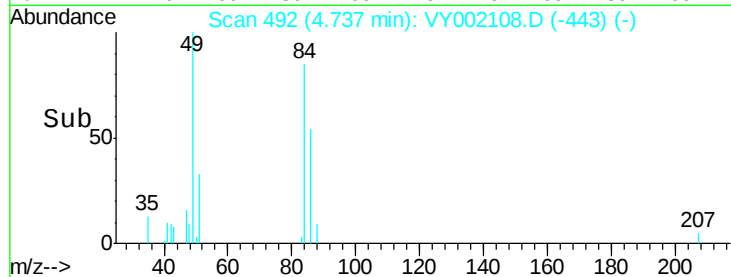
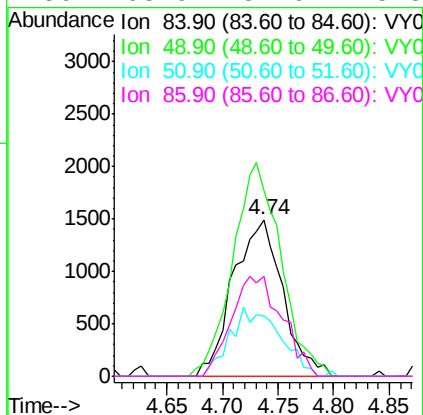
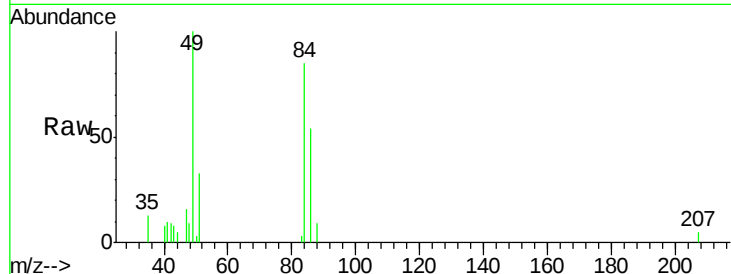




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002108.D
Acq: 27 Mar 2020 16:16

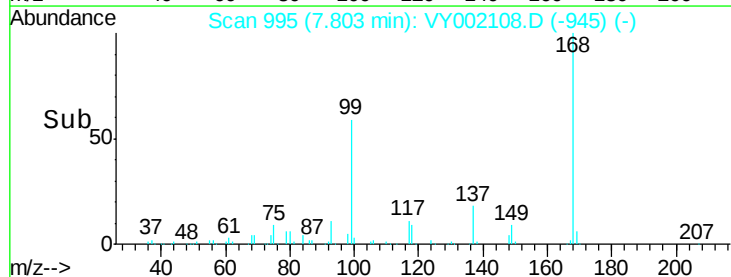
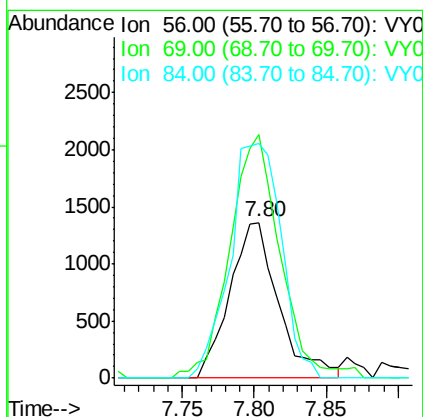
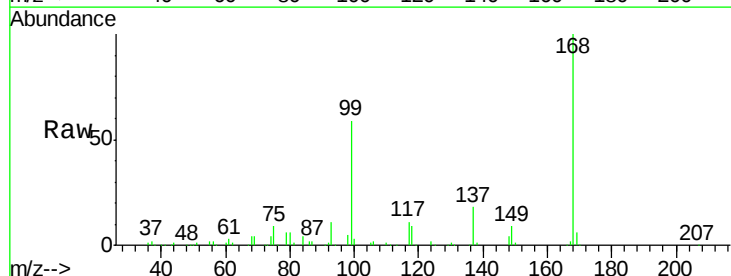
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(10-12)

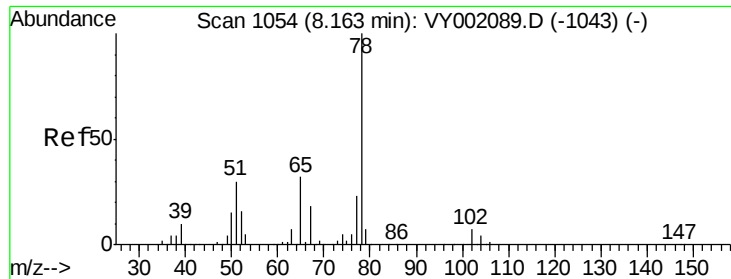
Tgt Ion: 84 Resp: 4620
Ion Ratio Lower Upper
84 100
49 118.2 102.2 153.4
51 38.7 31.2 46.8
86 63.9 52.6 78.8



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002108.D
Acq: 27 Mar 2020 16:16

Tgt Ion: 56 Resp: 3207
Ion Ratio Lower Upper
56 100
69 152.1 25.8 38.8#
84 150.8 67.1 100.7#

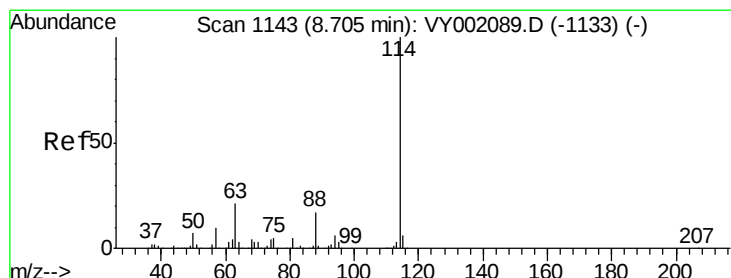
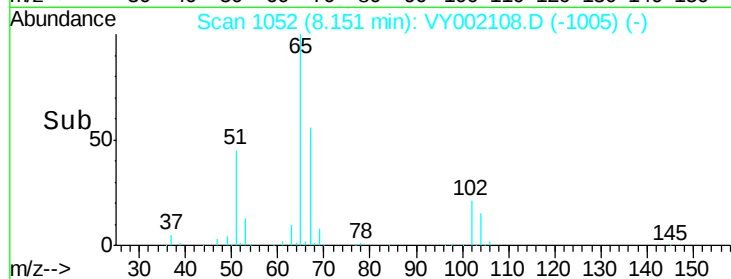
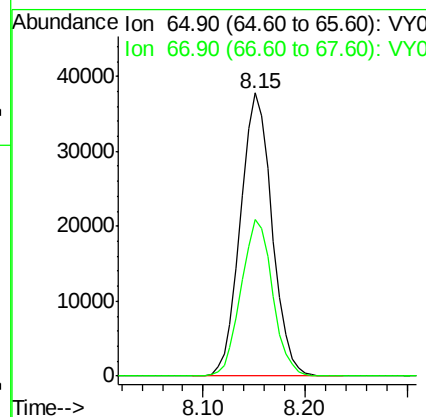
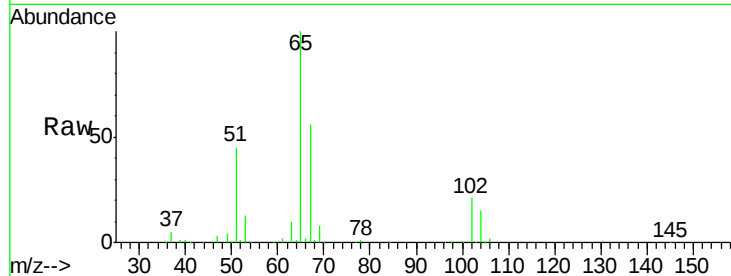




#33
 1,2-Dichloroethane-d4
 Concen: 58.705 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002108.D
 Acq: 27 Mar 2020 16:16

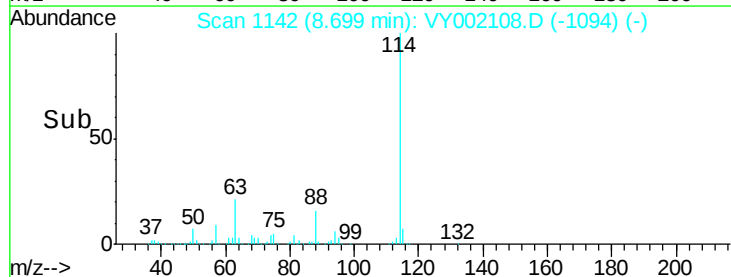
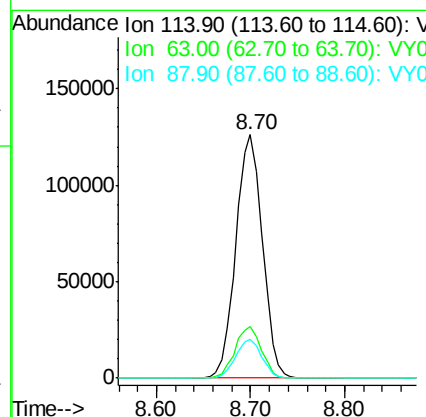
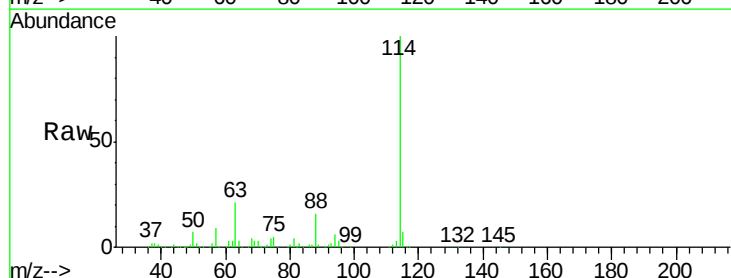
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(10-12)

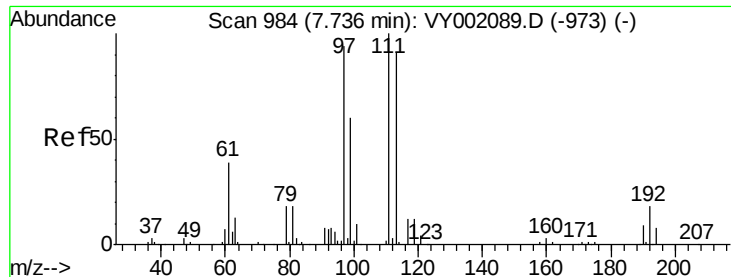
Tgt Ion: 65 Resp: 81078
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002108.D
 Acq: 27 Mar 2020 16:16

Tgt Ion: 114 Resp: 247417
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.337 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(10-12)

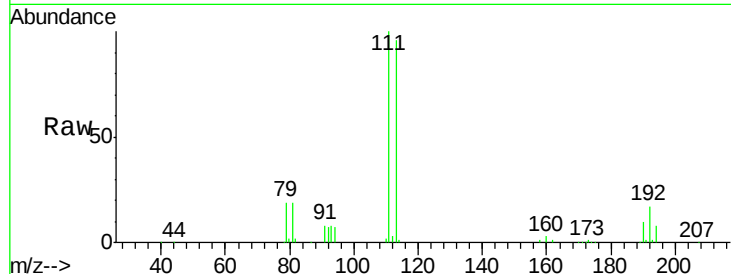
Tgt Ion:113 Resp: 72556

Ion Ratio Lower Upper

113 100

111 101.8 84.4 126.6

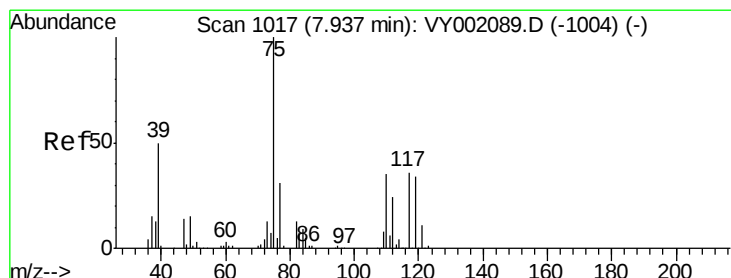
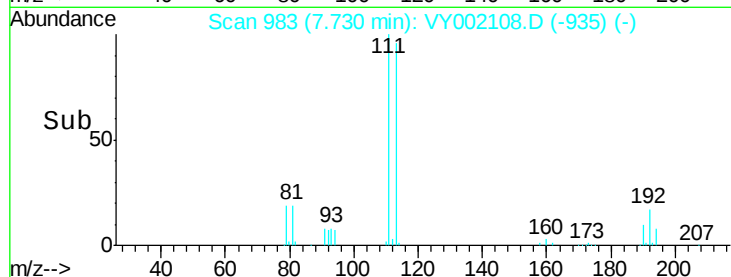
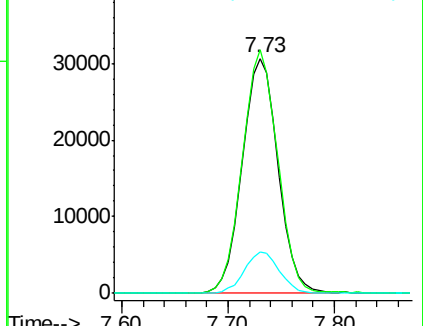
192 17.4 14.6 21.8



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: 4.832 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

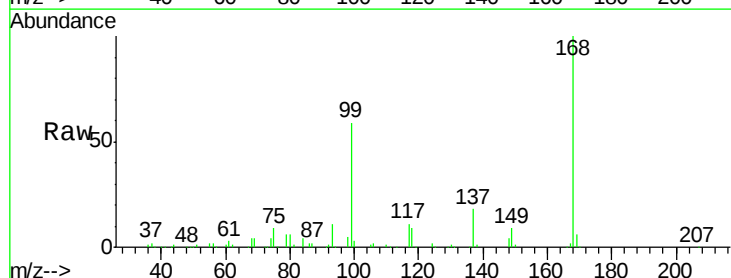
Tgt Ion: 75 Resp: 11308

Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.6#

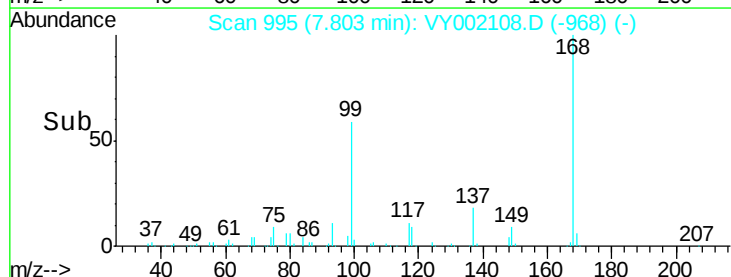
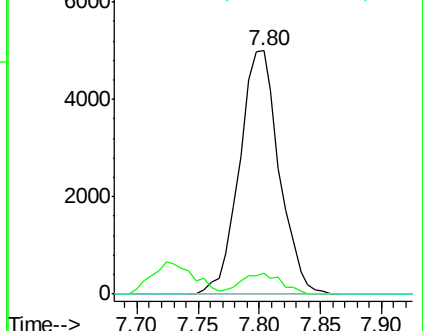
77 0.0 24.7 37.1#

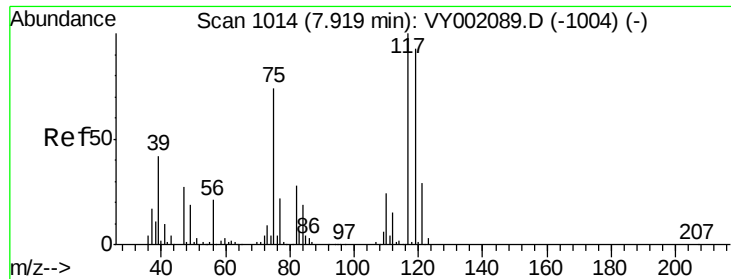


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.678 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(10-12)

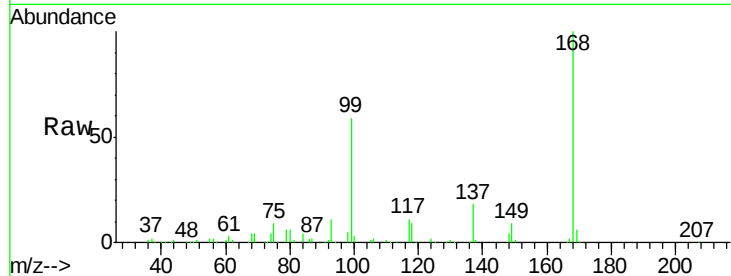
Tgt Ion:117 Resp: 13259

Ion Ratio Lower Upper

117 100

119 4.2 74.3 111.5#

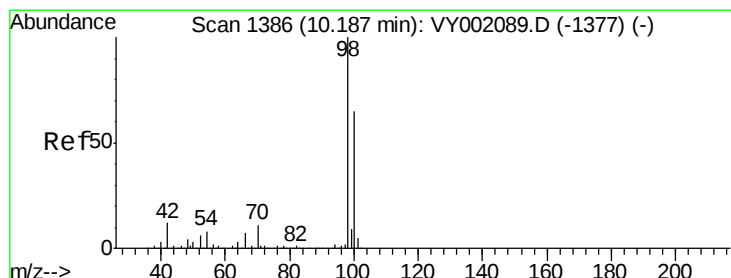
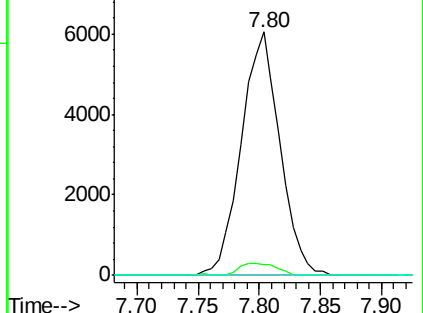
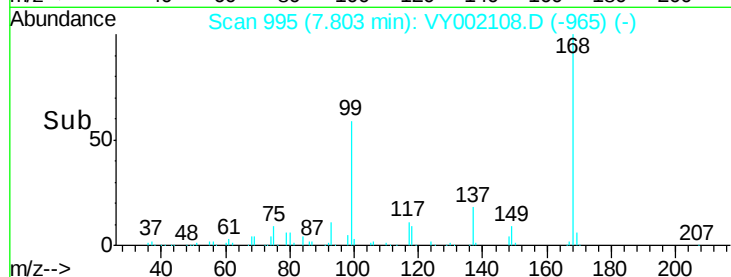
121 0.0 23.3 34.9#



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: 53.231 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002108.D

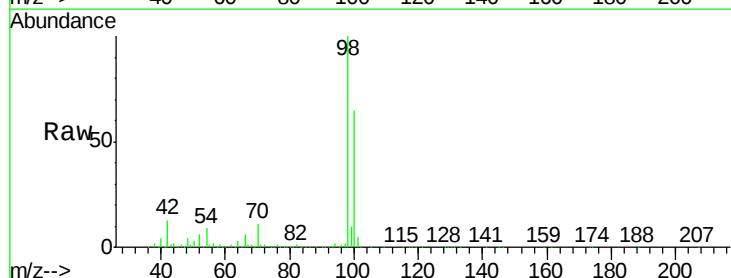
Acq: 27 Mar 2020 16:16

Tgt Ion: 98 Resp: 306563

Ion Ratio Lower Upper

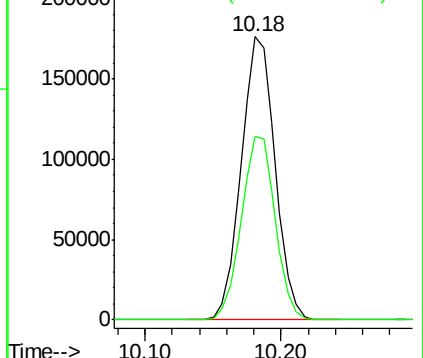
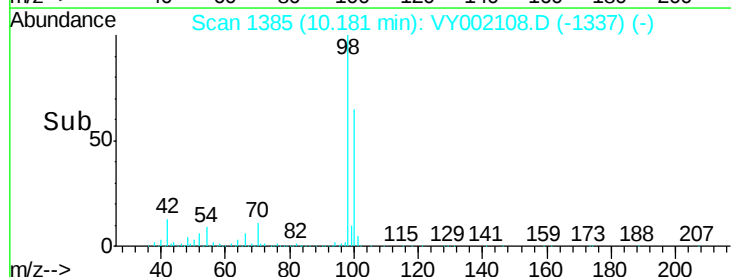
98 100

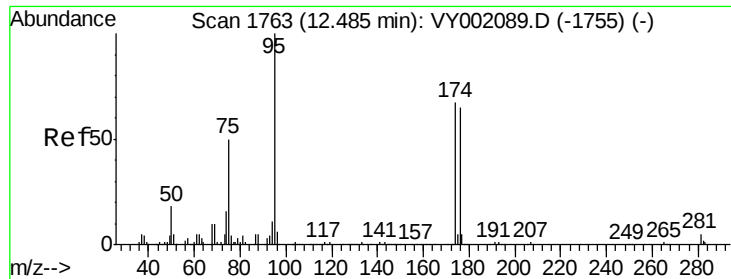
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

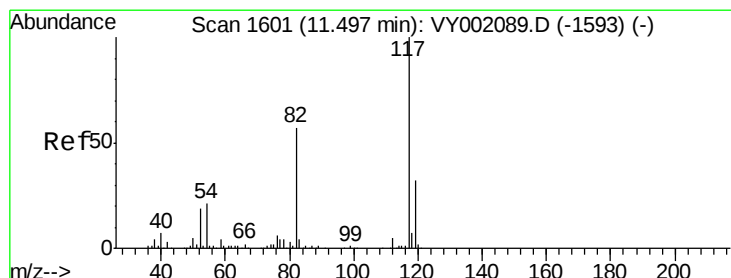
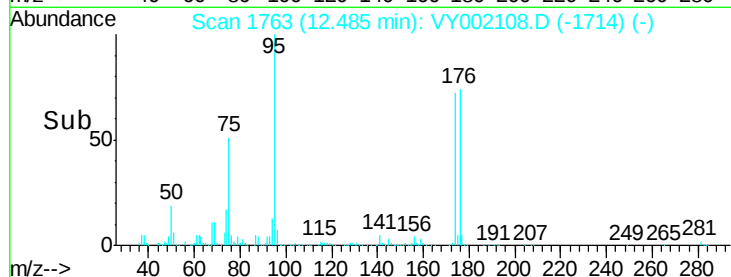
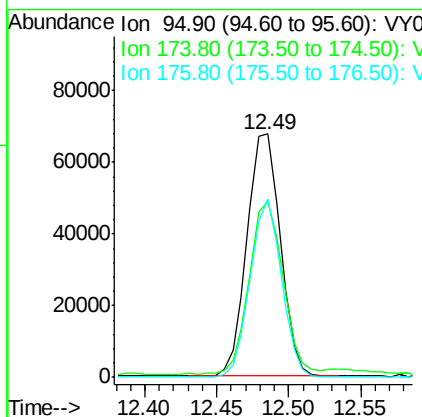
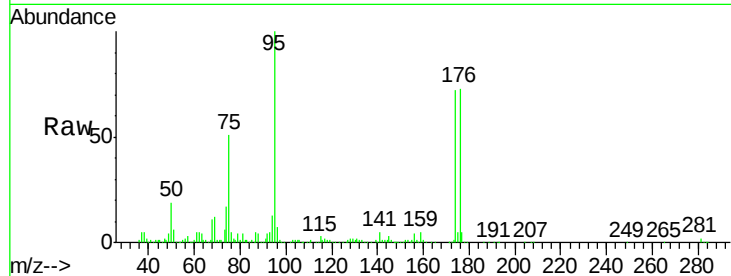




#62
4-Bromofluorobenzene
Concen: 53.868 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002108.D
Acq: 27 Mar 2020 16:16

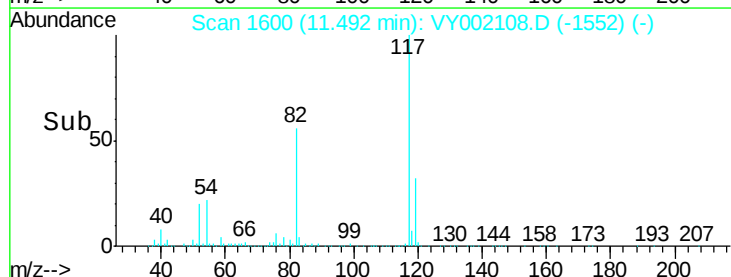
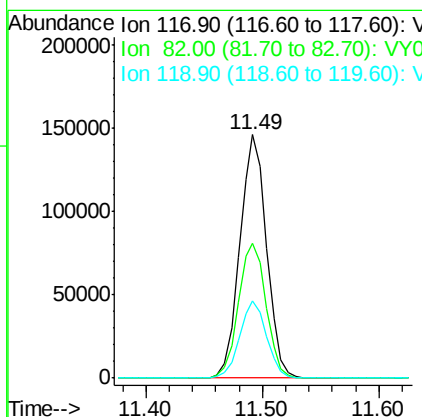
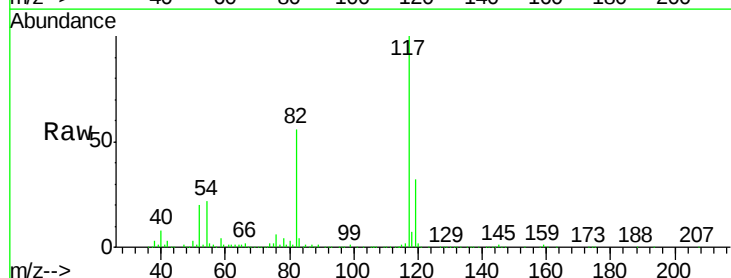
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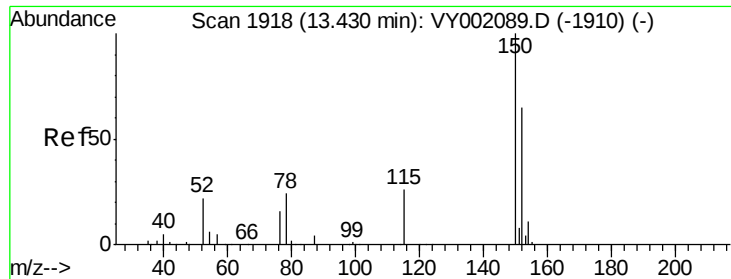
Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.4
176	69.0	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002108.D
Acq: 27 Mar 2020 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.2
119	31.8	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(10-12)

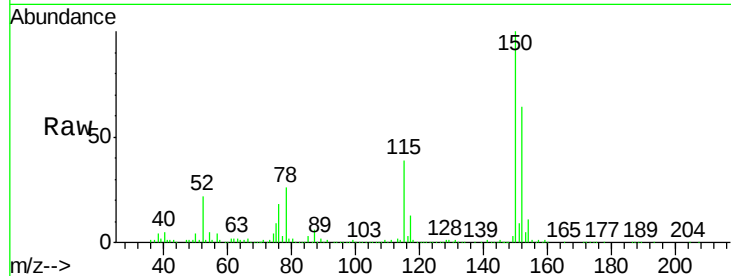
Tgt Ion:152 Resp: 102426

Ion Ratio Lower Upper

152 100

115 62.9 31.2 93.6

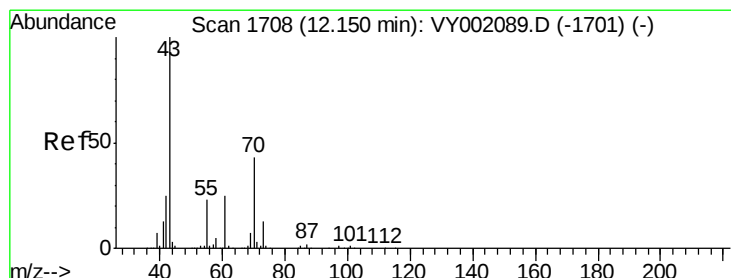
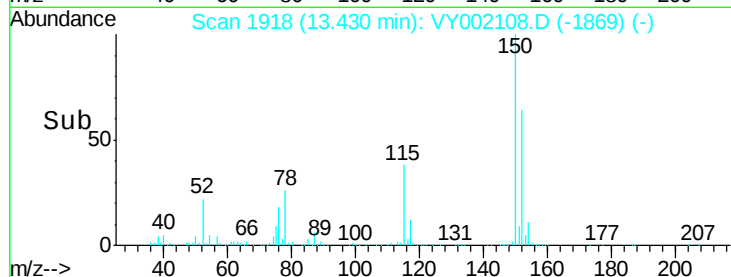
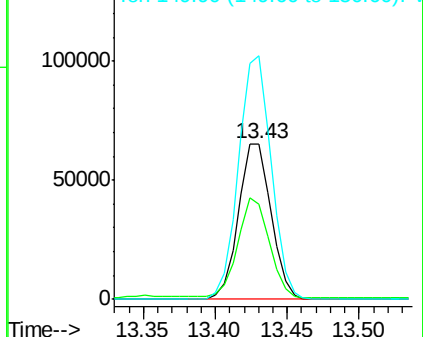
150 157.2 0.0 354.8



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



#74

N-ethyl acetate

Concen: 13.355 ug/l

RT: 12.11 min Scan# 1702

Delta R.T. -0.04 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Tgt Ion: 43 Resp: 32004

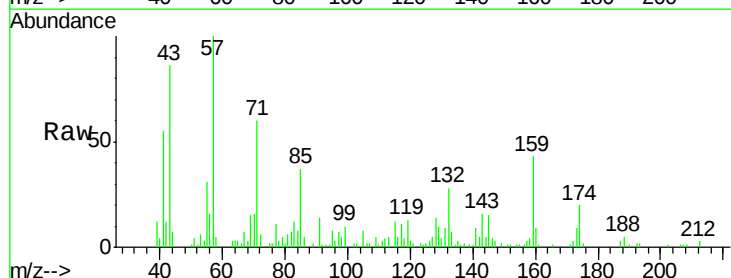
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.4#

55 0.0 18.7 28.1#

61 0.0 20.2 30.2#

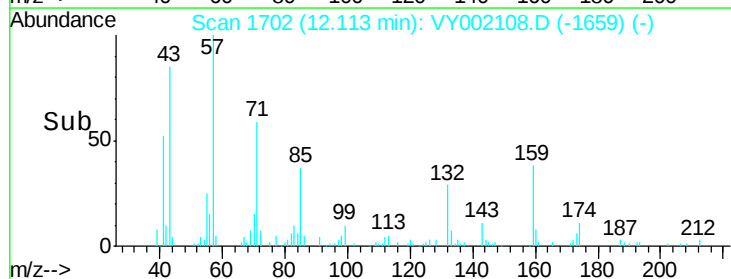
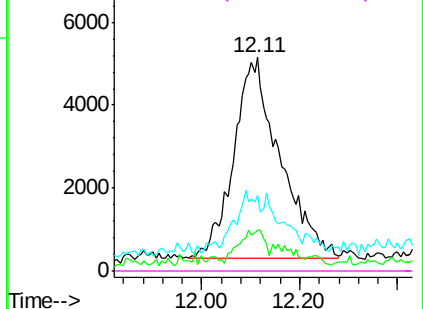


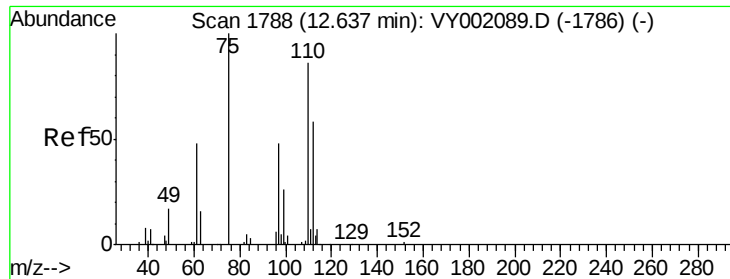
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

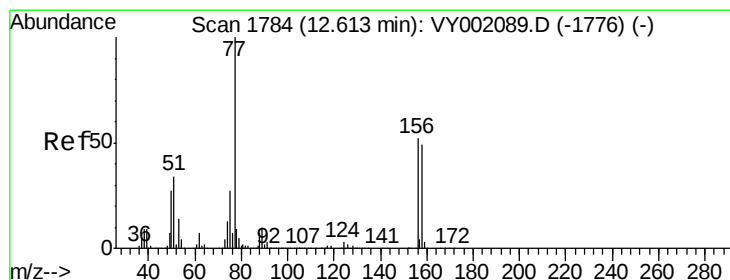
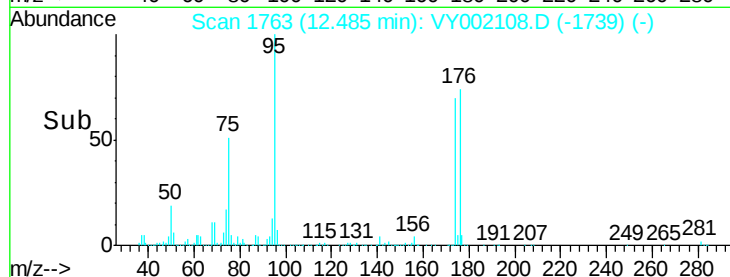
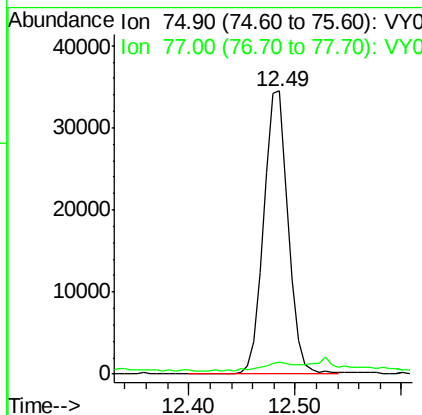
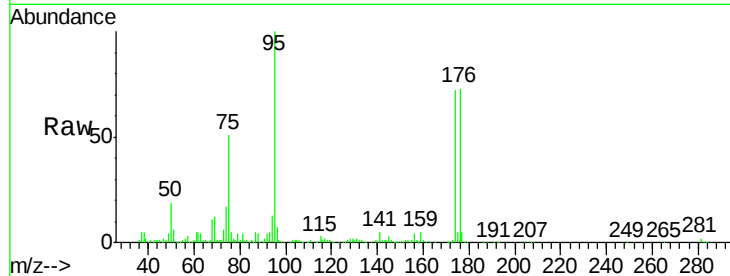




#76
 1,2,3-Trichloropropane
 Concen: 48.630 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002108.D
 Acq: 27 Mar 2020 16:16

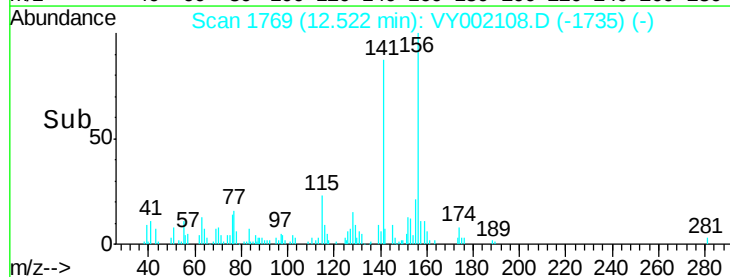
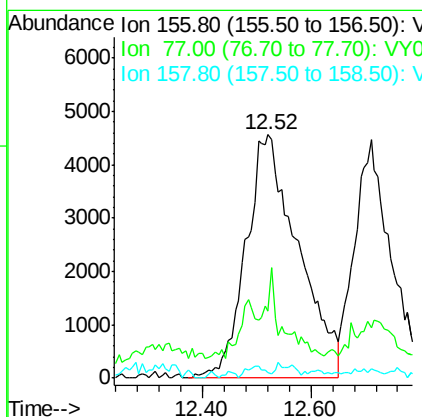
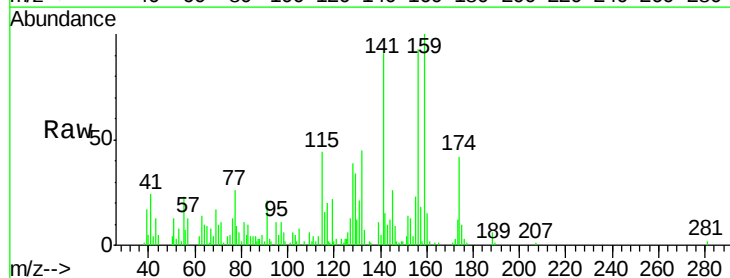
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(10-12)

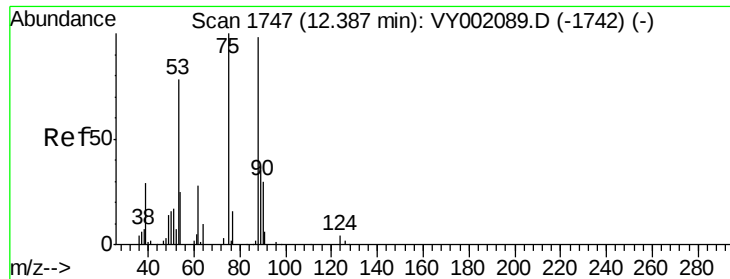
Tgt Ion: 75 Resp: 55717
 Ion Ratio Lower Upper
 75 100
 77 4.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 18.702 ug/l
 RT: 12.52 min Scan# 1769
 Delta R.T. -0.09 min
 Lab File: VY002108.D
 Acq: 27 Mar 2020 16:16

Tgt Ion: 156 Resp: 30334
 Ion Ratio Lower Upper
 156 100
 77 11.6 107.8 323.6#
 158 0.8 47.5 142.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 94.214 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(10-12)

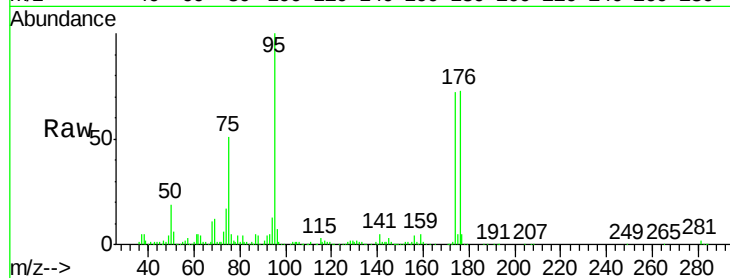
Tgt Ion: 75 Resp: 55717

Ion Ratio Lower Upper

75 100

53 0.7 65.0 97.4#

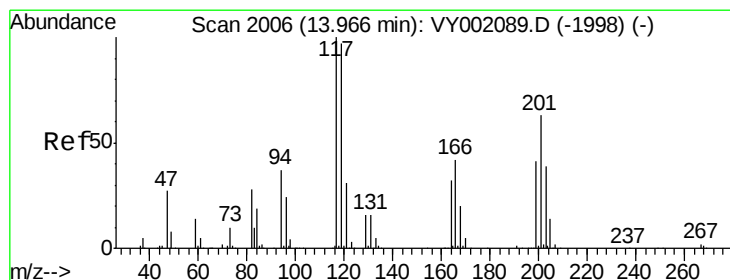
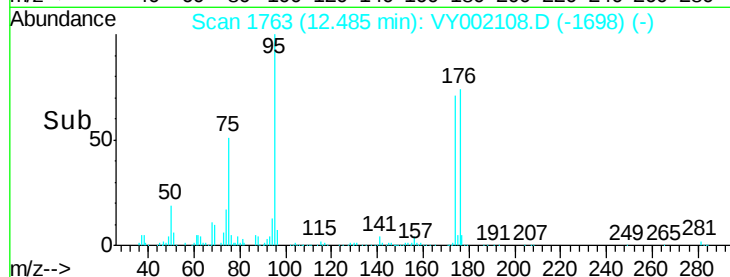
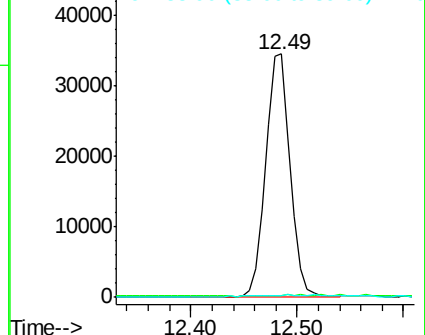
89 1.8 33.4 50.0#



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



#90

Hexachloroethane

Concen: 1.280 ug/l

RT: 13.94 min Scan# 2002

Delta R.T. -0.02 min

Lab File: VY002108.D

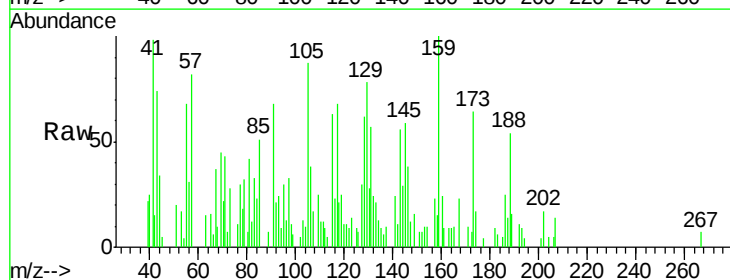
Acq: 27 Mar 2020 16:16

Tgt Ion: 117 Resp: 1605

Ion Ratio Lower Upper

117 100

201 2.4 31.6 94.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

