

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002130.D
 Acq On : 31 Mar 2020 14:07
 Operator : SY/MD
 Sample : L2055-07
 Misc : 8.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-(1-3)

Quant Time: Mar 31 15:01:14 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	7.82	168	125169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	249380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	79449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80996	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	
35) Dibromofluoromethane	7.74	113	73679	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.19	98	302056	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.49	95	92706	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	

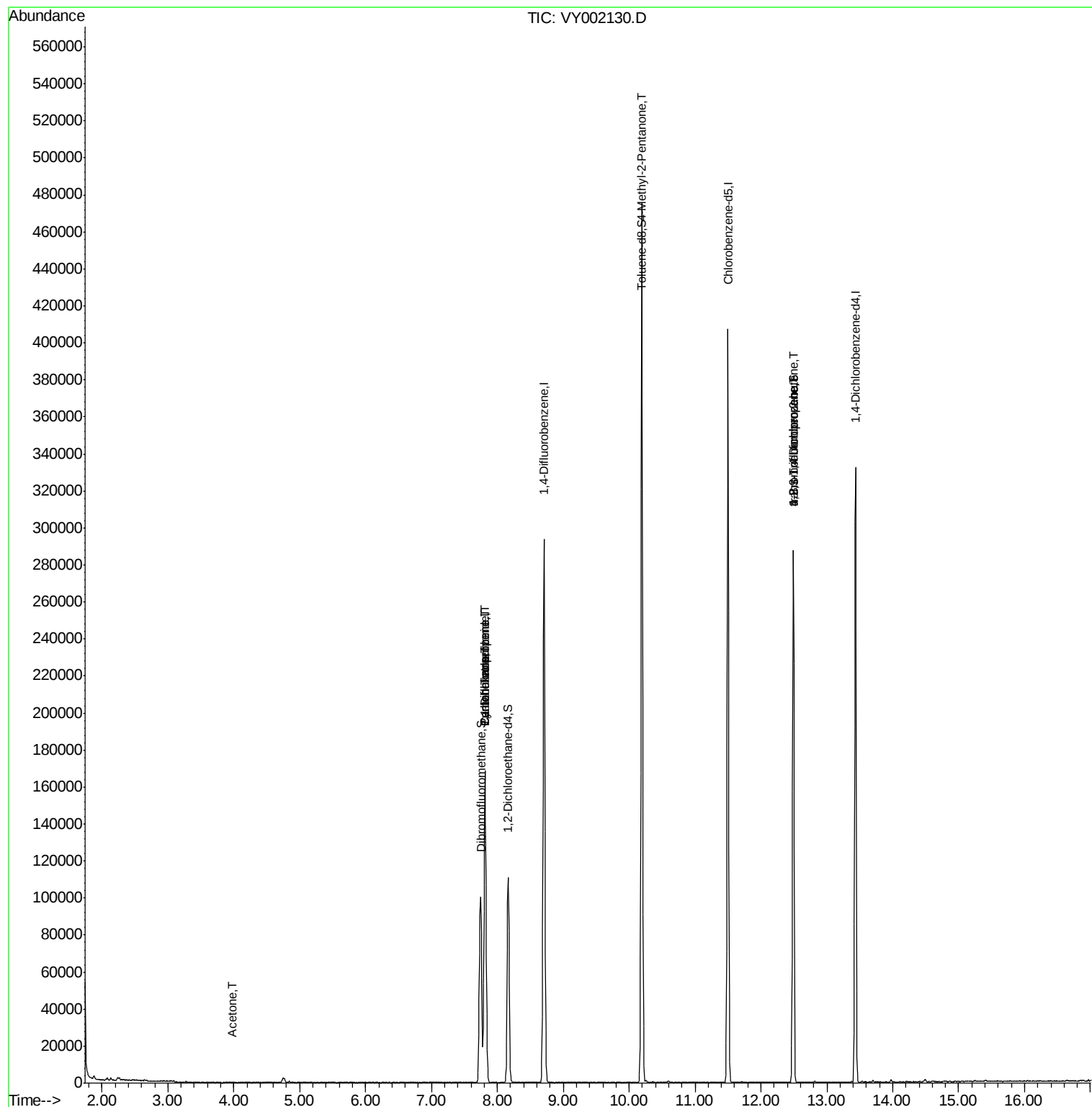
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	413	1.06	ug/l	# 48
20) Methylene Chloride	4.76	84	1913	Below	Cal	# 85
31) Cyclohexane	7.81	56	2888	1.00	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	10982	4.66	ug/l	# 50
38) Carbon Tetrachloride	7.82	117	13122	6.56	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.18	43	1406	1.03	ug/l	# 1
76) 1,2,3-Trichloropropane	12.49	75	47236	53.15	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	47236	102.97	ug/l	# 17

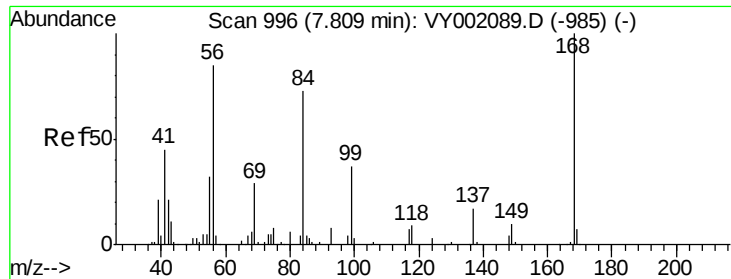
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
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Instrument :
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SB-9-(1-3)

Quant Time: Mar 31 15:01:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002130.D

Acq: 31 Mar 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

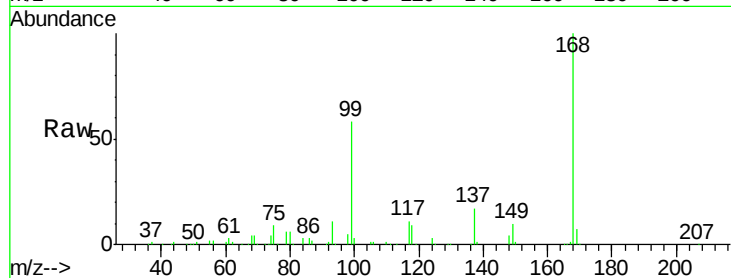
SB-9-(1-3)

Tgt Ion:168 Resp: 125169

Ion Ratio Lower Upper

168 100

99 57.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002130.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002130.D (-947) (-)

7.82

60000

50000

40000

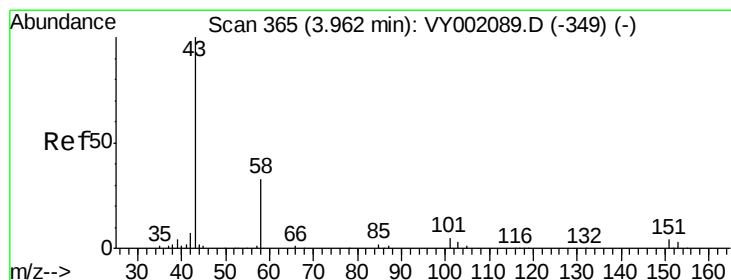
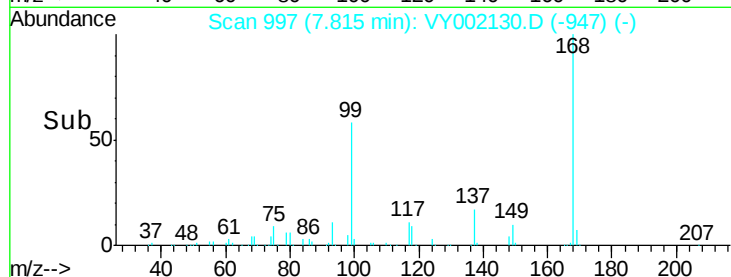
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 1.06 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002130.D

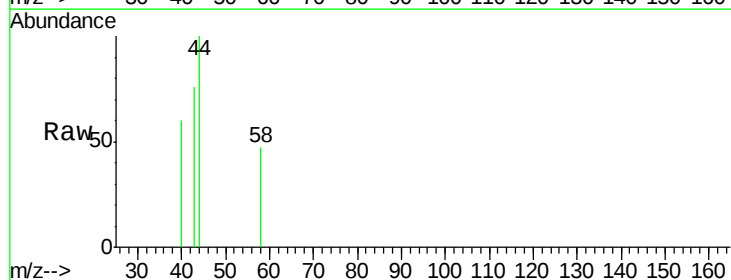
Acq: 31 Mar 2020 14:07

Tgt Ion: 43 Resp: 413

Ion Ratio Lower Upper

43 100

58 62.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002130.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002130.D (-316) (-)

3.97

200

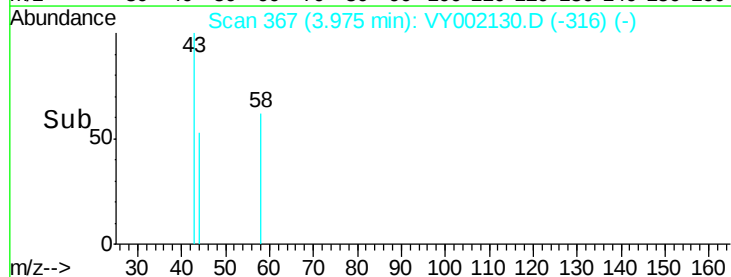
150

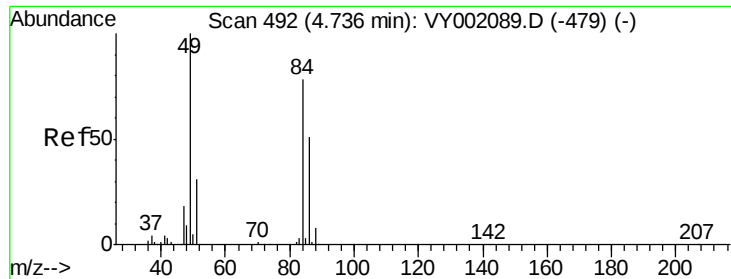
100

50

0

Time--> 3.95 4.00 4.05

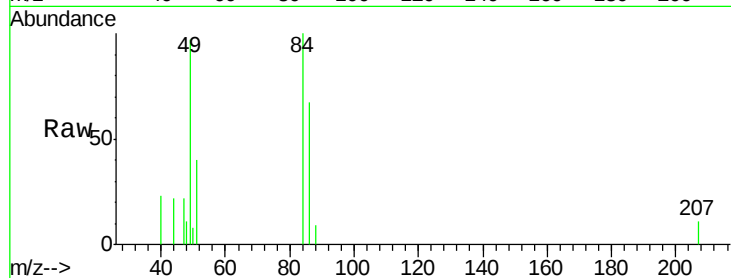




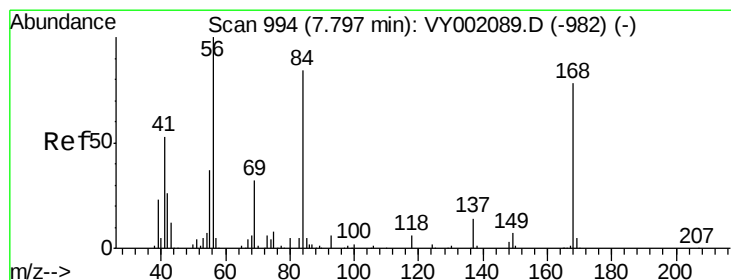
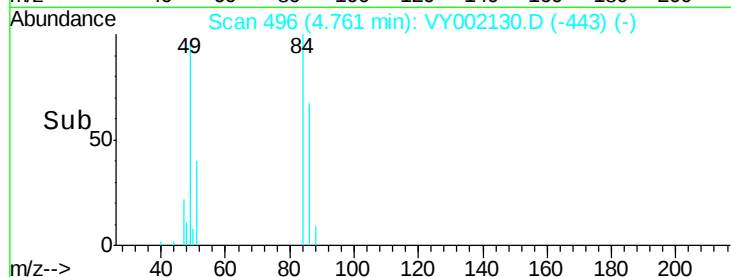
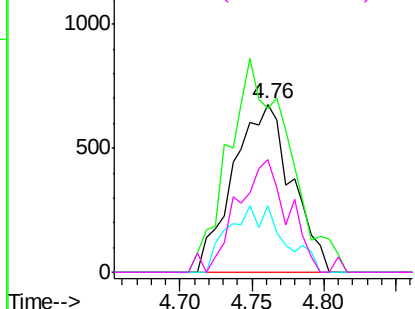
#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.03 min
Lab File: VY002130.D
Acq: 31 Mar 2020 14:07

Instrument :
MSVOA_Y
ClientSampled :
SB-9-(1-3)

Tgt Ion: 84 Resp: 1913
Ion Ratio Lower Upper
84 100
49 97.3 102.2 153.4#
51 39.6 31.2 46.8
86 67.1 52.6 78.8

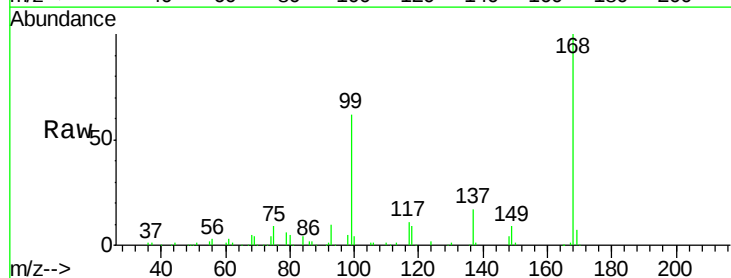


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

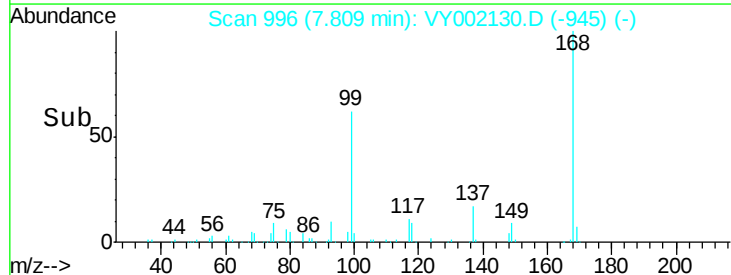
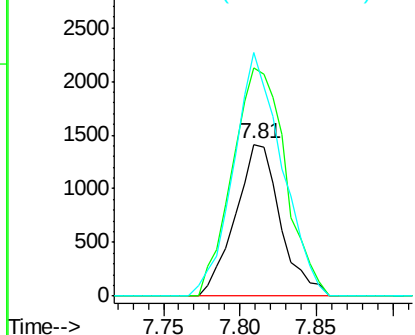


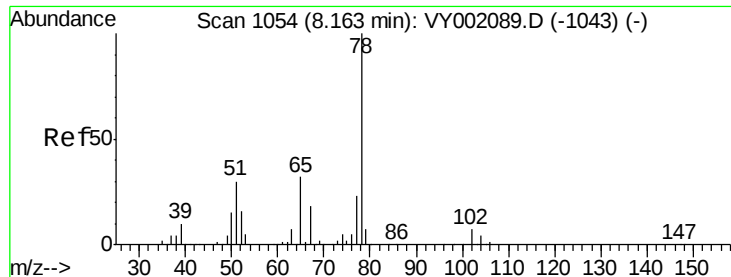
#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002130.D
Acq: 31 Mar 2020 14:07

Tgt Ion: 56 Resp: 2888
Ion Ratio Lower Upper
56 100
69 150.7 25.8 38.8#
84 160.5 67.1 100.7#



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

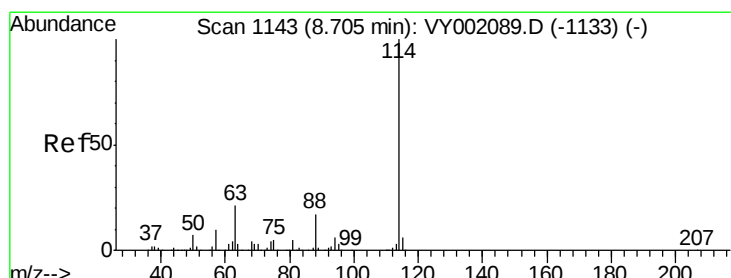
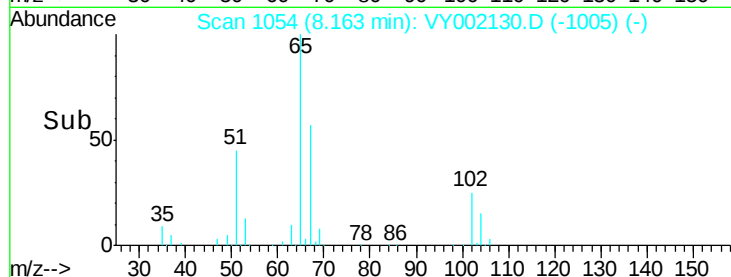
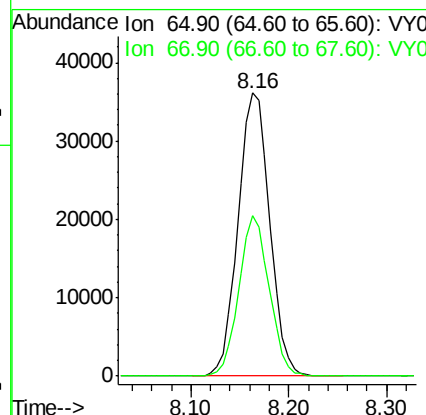
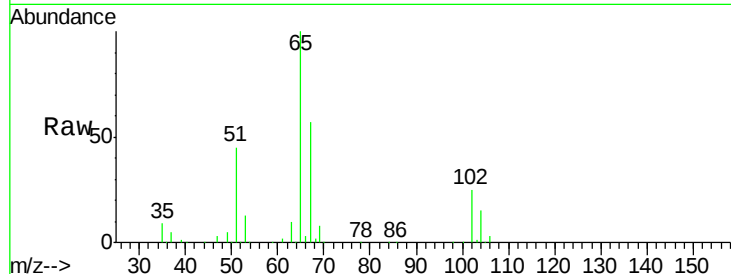




#33
 1,2-Dichloroethane-d4
 Concen: 58.54 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002130.D
 Acq: 31 Mar 2020 14:07

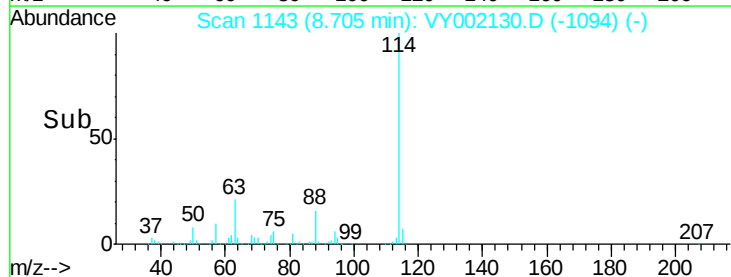
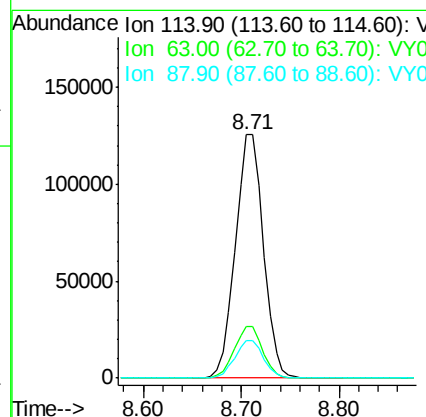
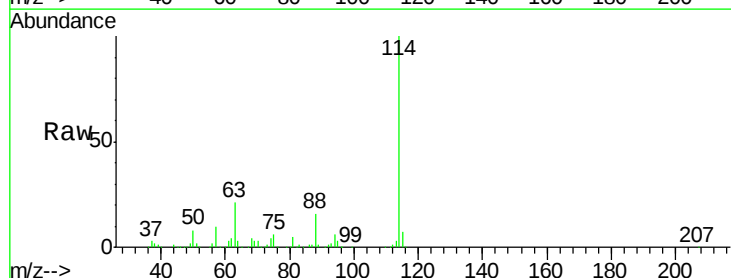
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-(1-3)

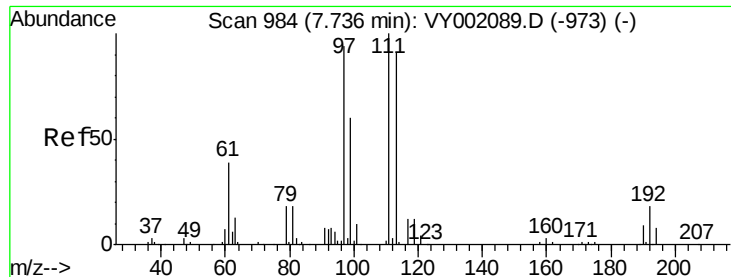
Tgt Ion: 65 Resp: 80996
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002130.D
 Acq: 31 Mar 2020 14:07

Tgt Ion: 114 Resp: 249380
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 15.6 0.0 33.0

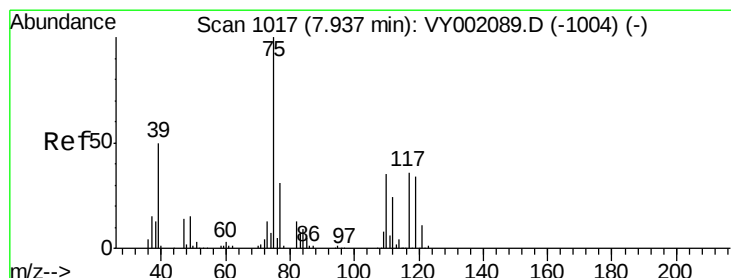
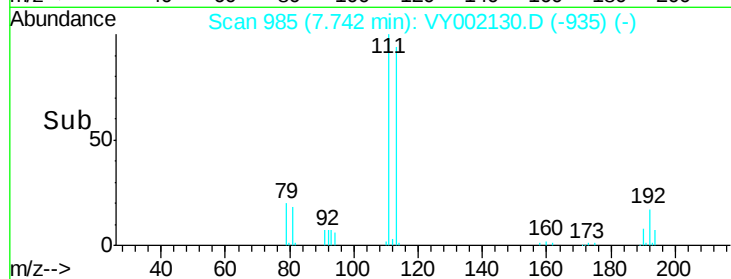
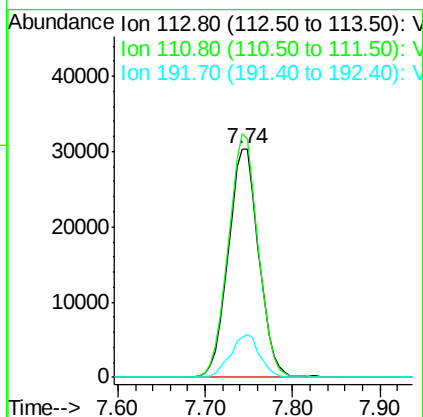
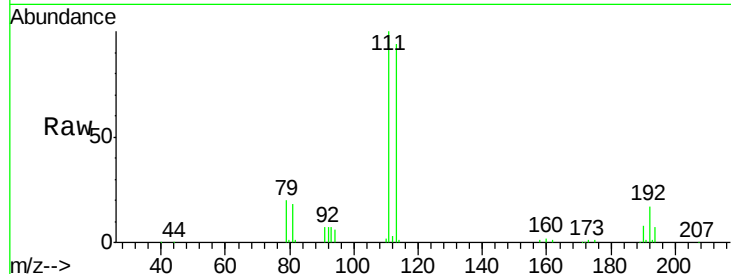




#35
 Dibromofluoromethane
 Concen: 52.73 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002130.D
 Acq: 31 Mar 2020 14:07

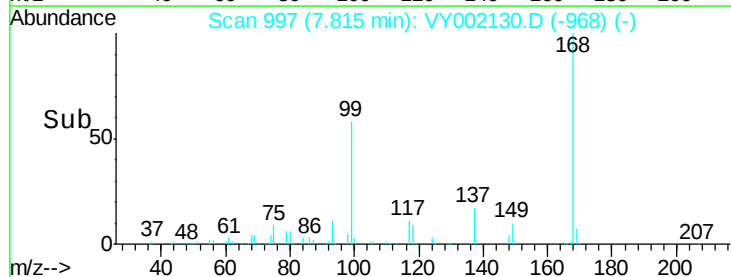
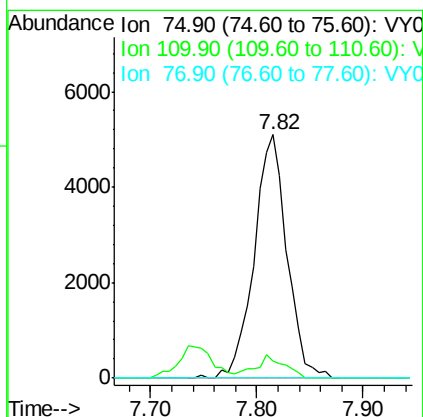
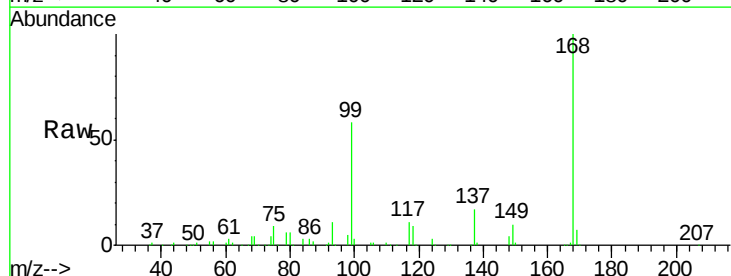
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-(1-3)

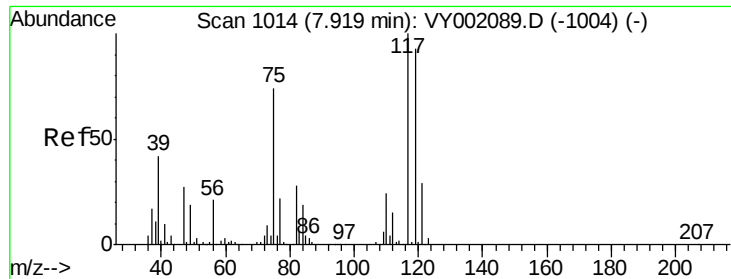
Tgt Ion:113 Resp: 73679
 Ion Ratio Lower Upper
 113 100
 111 103.9 84.4 126.6
 192 18.0 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.66 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002130.D
 Acq: 31 Mar 2020 14:07

Tgt Ion: 75 Resp: 10982
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.2 51.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.56 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002130.D

Acq: 31 Mar 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-(1-3)

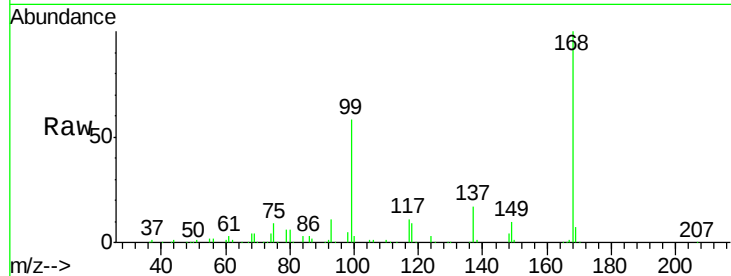
Tgt Ion:117 Resp: 13122

Ion Ratio Lower Upper

117 100

119 4.0 74.3 111.5#

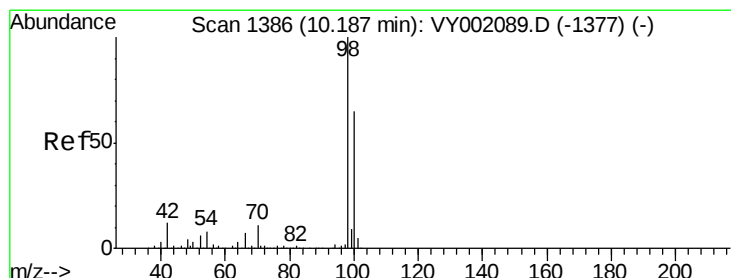
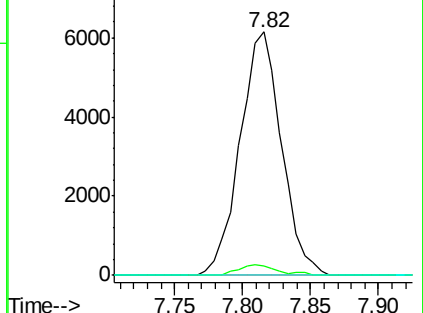
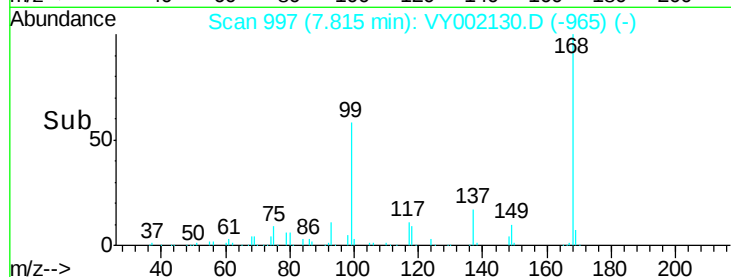
121 0.0 23.3 34.9#



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: 52.04 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002130.D

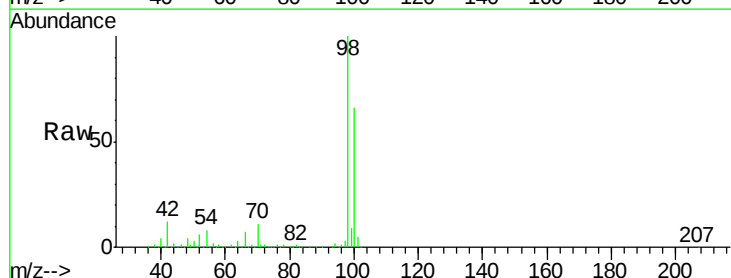
Acq: 31 Mar 2020 14:07

Tgt Ion: 98 Resp: 302056

Ion Ratio Lower Upper

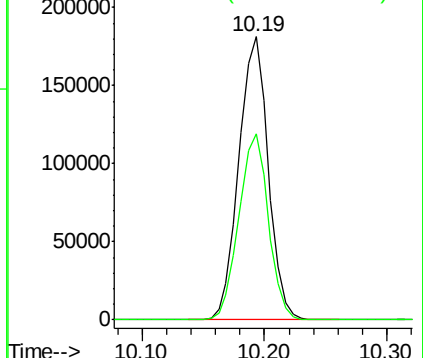
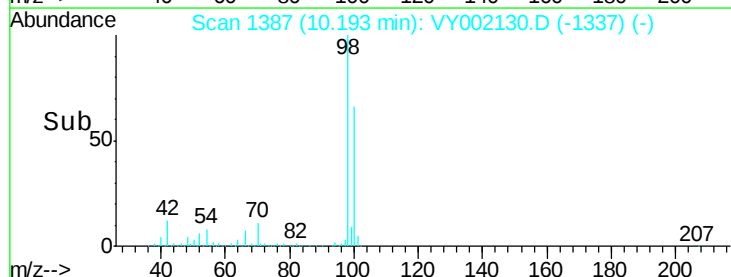
98 100

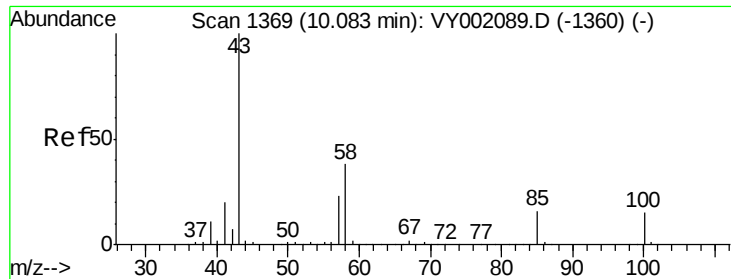
100 65.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.03 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002130.D

Acq: 31 Mar 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

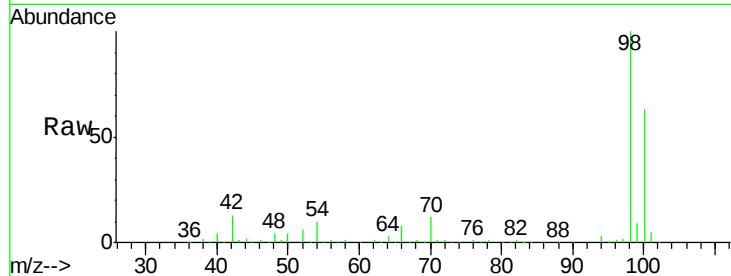
SB-9-(1-3)

Tgt Ion: 43 Resp: 1406

Ion Ratio Lower Upper

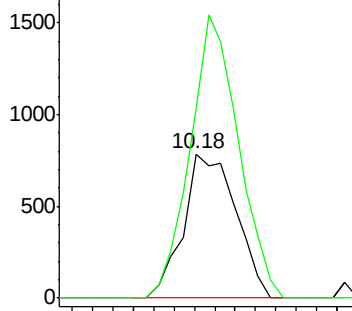
43 100

58 180.8 31.6 47.4#

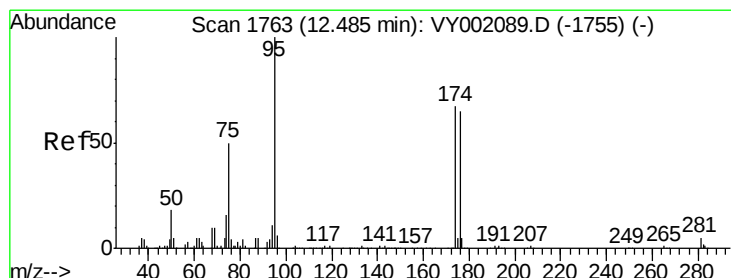
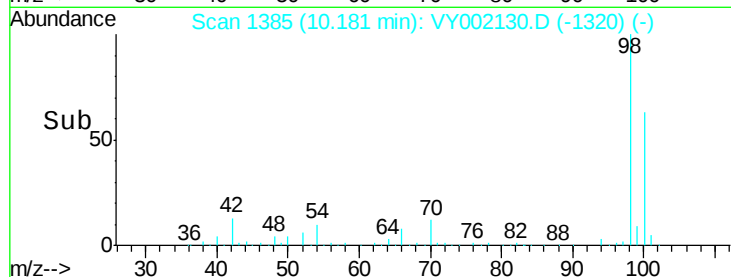


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 45.67 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002130.D

Acq: 31 Mar 2020 14:07

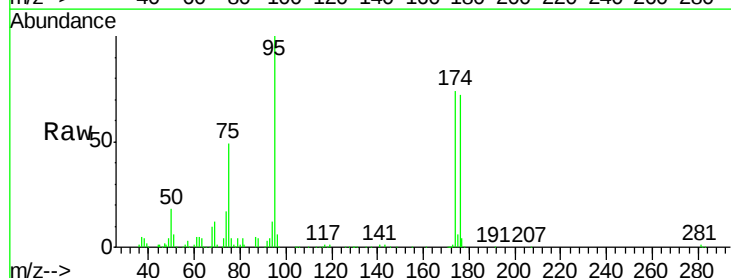
Tgt Ion: 95 Resp: 92706

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.4

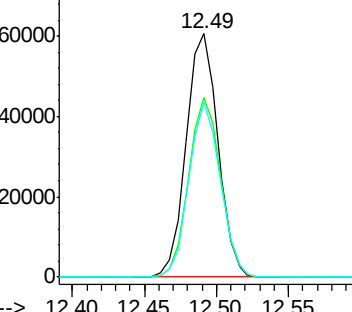
176 70.8 0.0 137.0



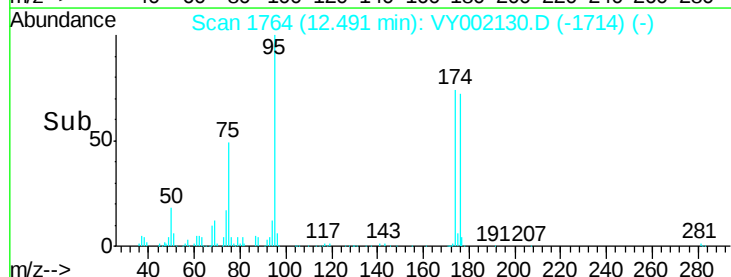
Abundance Ion 94.90 (94.60 to 95.60): VY0

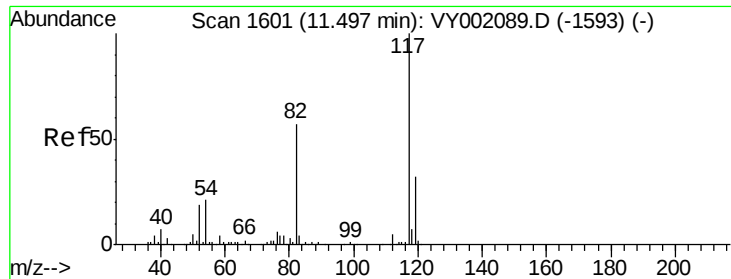
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

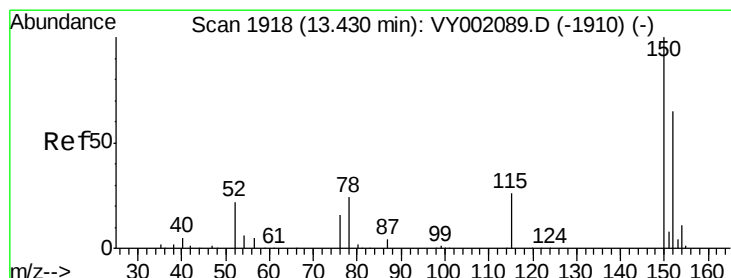
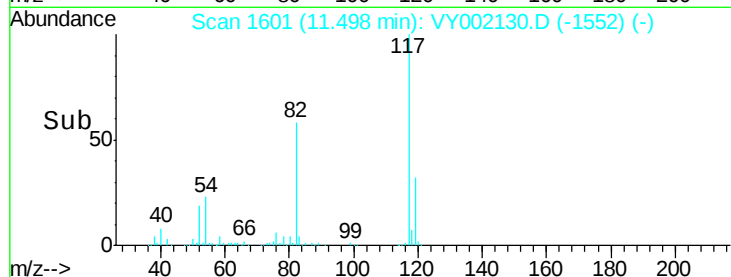
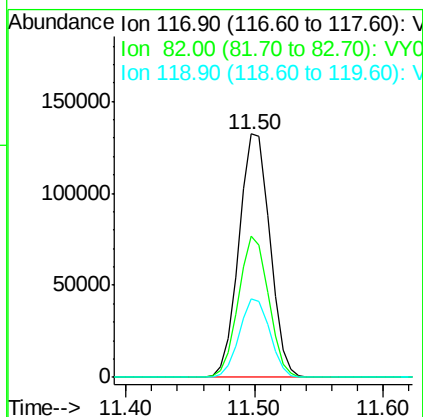
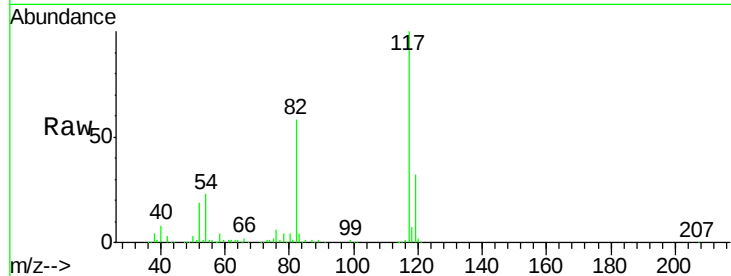




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002130.D
Acq: 31 Mar 2020 14:07

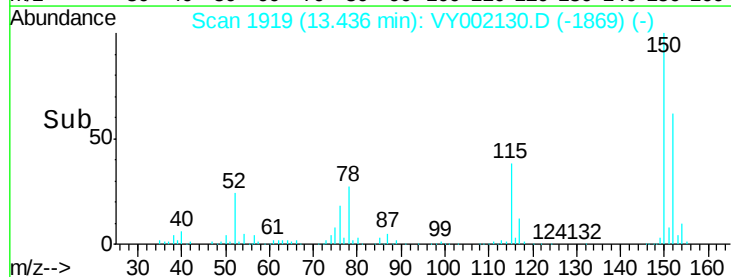
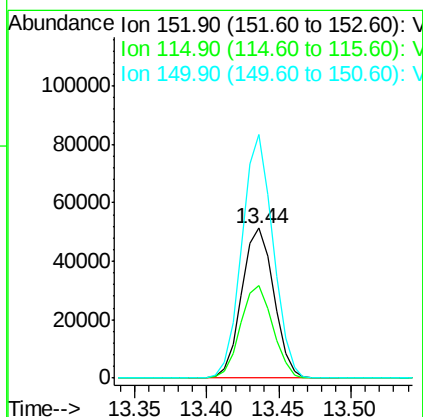
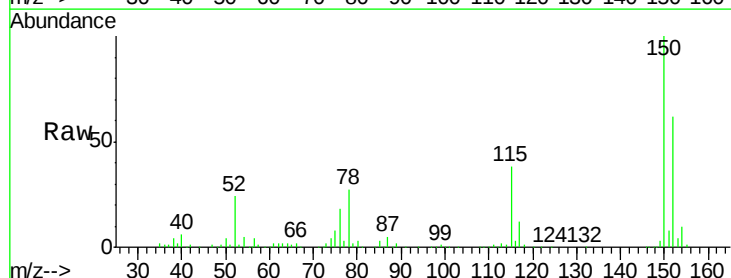
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-(1-3)

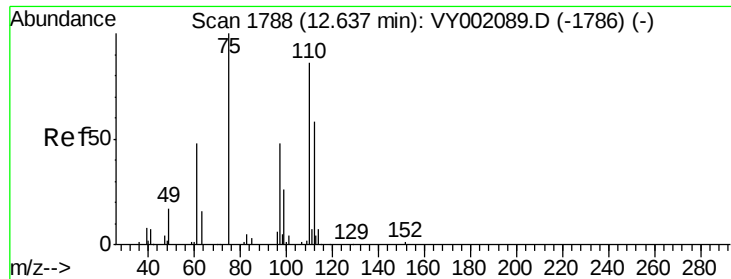
Tgt Ion:117 Resp: 219692
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.2
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002130.D
Acq: 31 Mar 2020 14:07

Tgt Ion:152 Resp: 79449
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 157.3 0.0 354.8





#76

1,2,3-Trichloropropane

Concen: 53.15 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002130.D

Acq: 31 Mar 2020 14:07

Instrument :

MSVOA_Y

ClientSampleId :

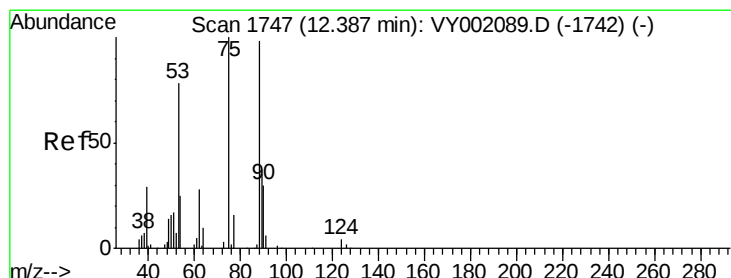
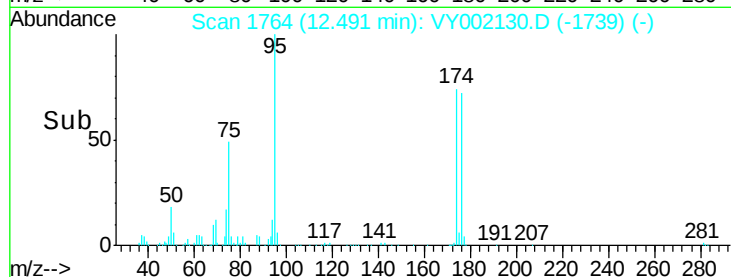
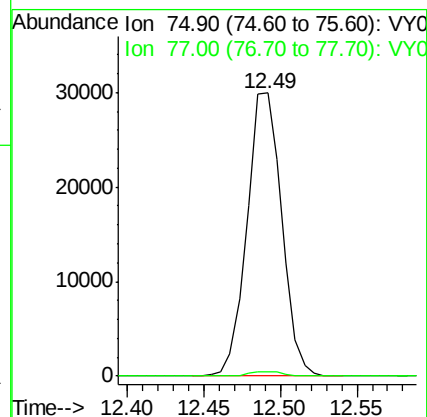
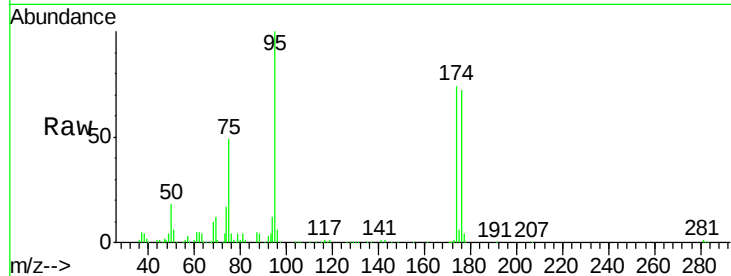
SB-9-(1-3)

Tgt Ion: 75 Resp: 47236

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.97 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002130.D

Acq: 31 Mar 2020 14:07

Tgt Ion: 75 Resp: 47236

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#

