

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002053.D
 Acq On : 24 Mar 2020 16:11
 Operator : SY/MD
 Sample : L2028-01
 Misc : 7.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30-(8-8.5)

Quant Time: Mar 24 16:59:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126620	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	239460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	212152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	93282	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	72285	53.48	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.96%	
35) Dibromofluoromethane	7.74	113	67912	51.94	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	103.88%	
50) Toluene-d8	10.19	98	287844	52.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.49	95	96744	50.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.92%	

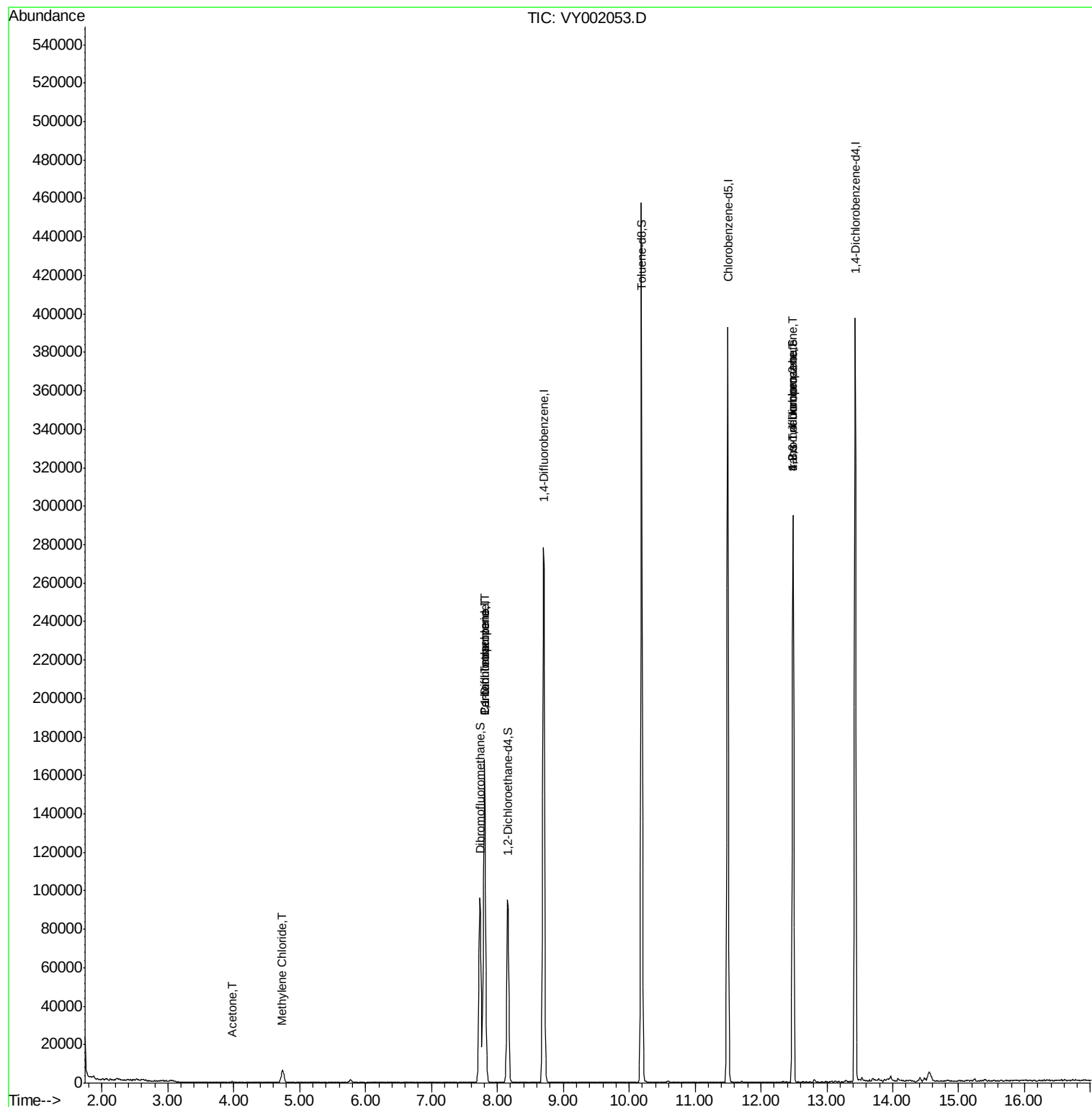
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.83	94	20	Below Cal	#	4
16) Acetone	3.97	43	805	2.04	ug/l #	76
20) Methylene Chloride	4.74	84	4562	2.70	ug/l #	93
36) 1,1-Dichloropropene	7.80	75	10886	4.72	ug/l #	50
38) Carbon Tetrachloride	7.80	117	13367	6.79	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	50311	45.45	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50311	91.82	ug/l #	17

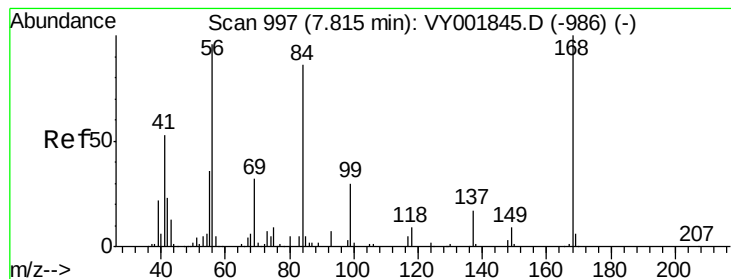
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

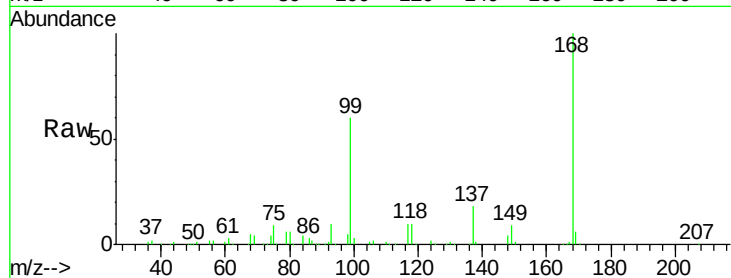
SB-30-(8-8.5)

Tgt Ion:168 Resp: 126620

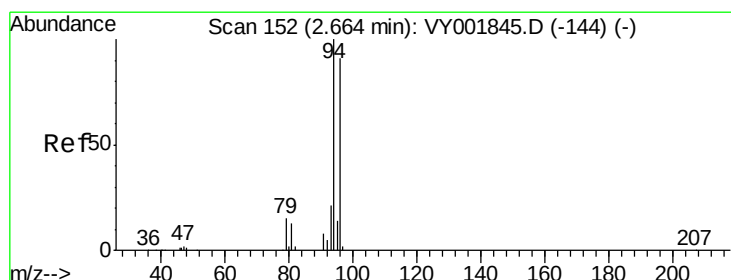
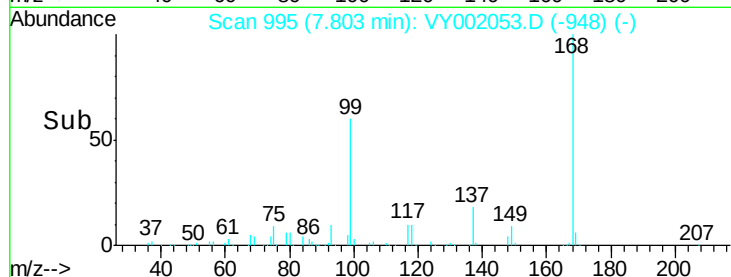
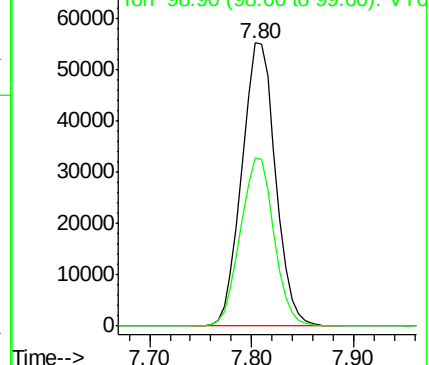
Ion Ratio Lower Upper

168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.83 min Scan# 179

Delta R.T. 0.17 min

Lab File: VY002053.D

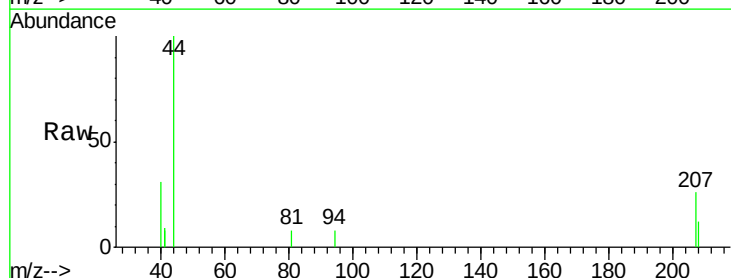
Acq: 24 Mar 2020 16:11

Tgt Ion: 94 Resp: 20

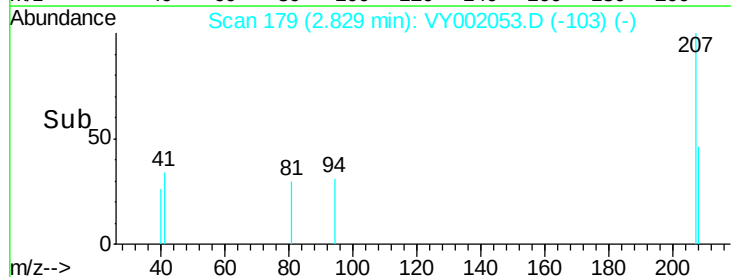
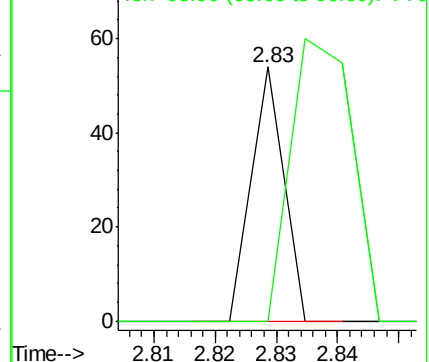
Ion Ratio Lower Upper

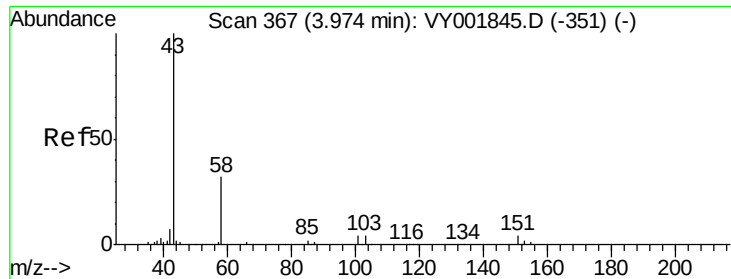
94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)





#16

Acetone

Concen: 2.04 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

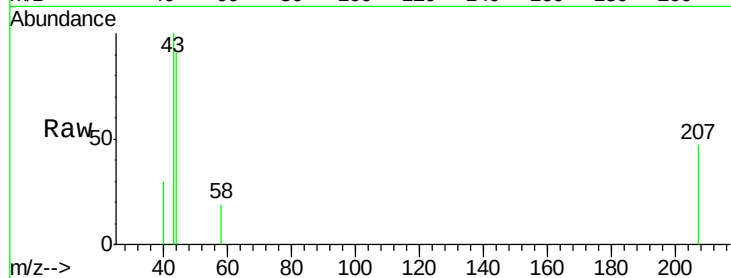
SB-30-(8-8.5)

Tgt Ion: 43 Resp: 805

Ion Ratio Lower Upper

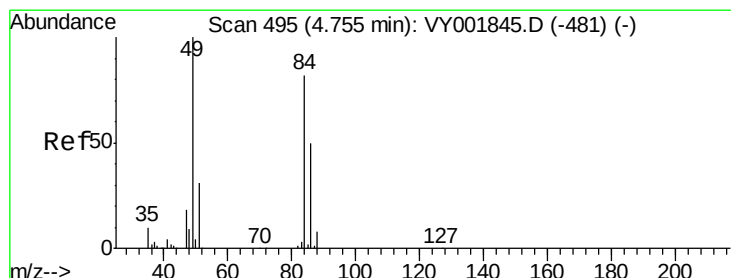
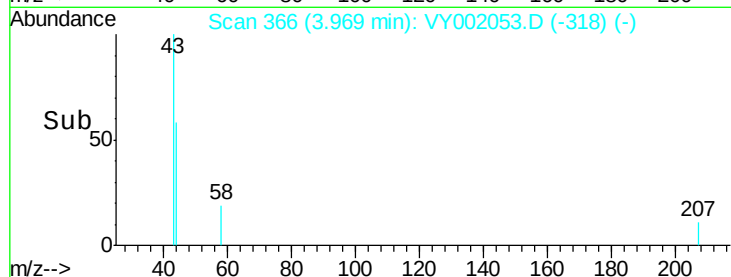
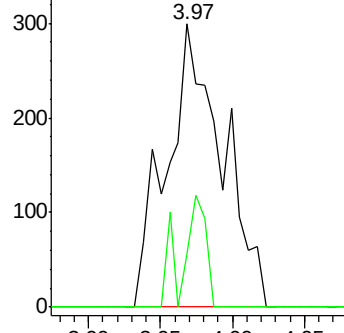
43 100

58 18.7 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.70 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.02 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Tgt Ion: 84 Resp: 4562

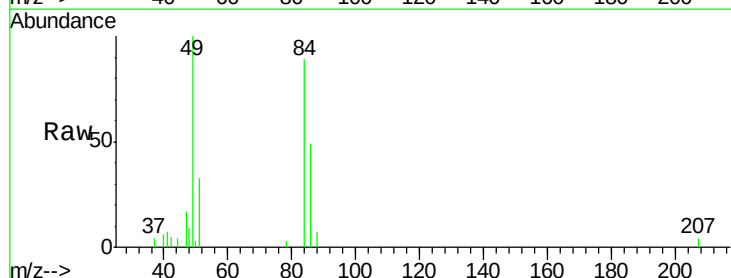
Ion Ratio Lower Upper

84 100

49 112.8 98.2 147.2

51 36.8 30.2 45.2

86 55.3 48.9 73.3

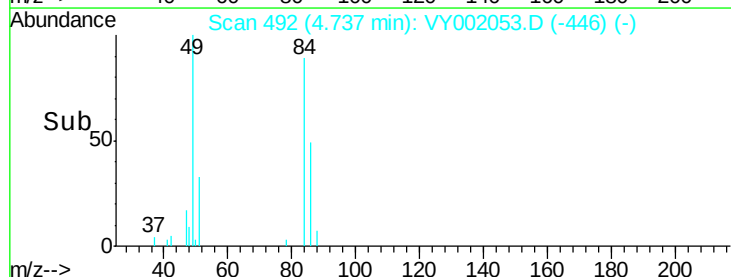
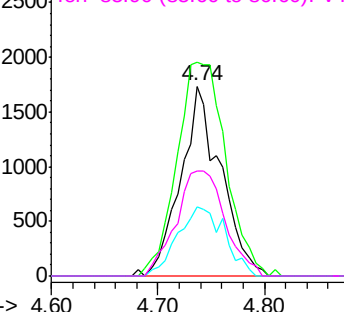


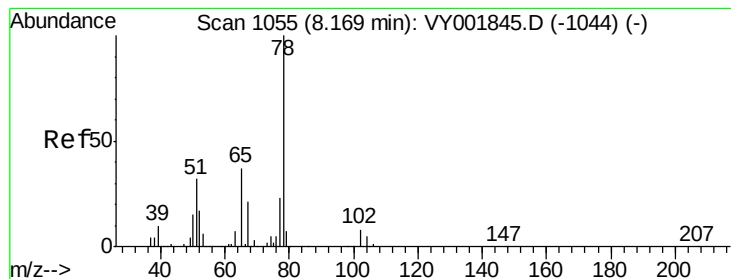
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#33

1,2-Dichloroethane-d4

Concen: 53.48 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

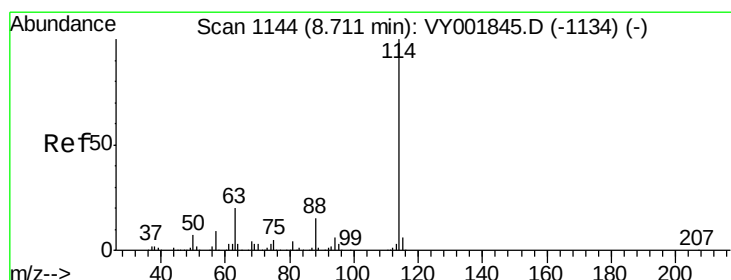
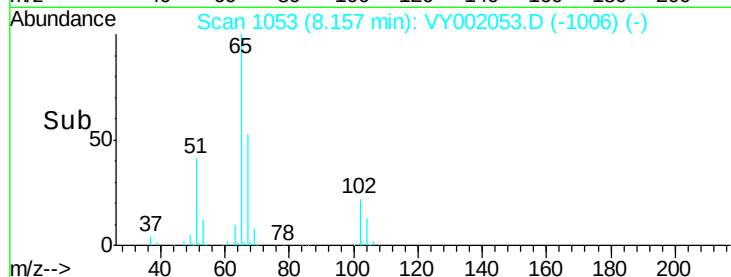
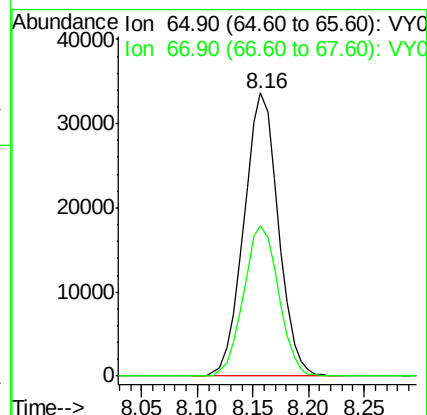
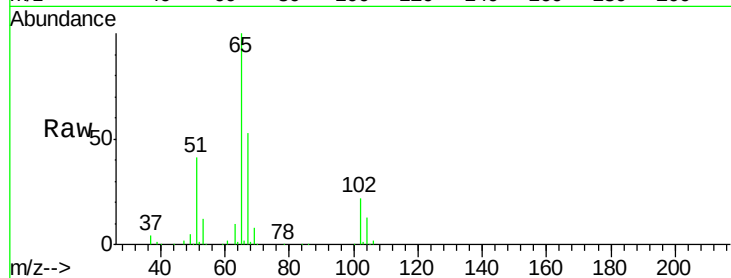
SB-30-(8-8.5)

Tgt Ion: 65 Resp: 72285

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

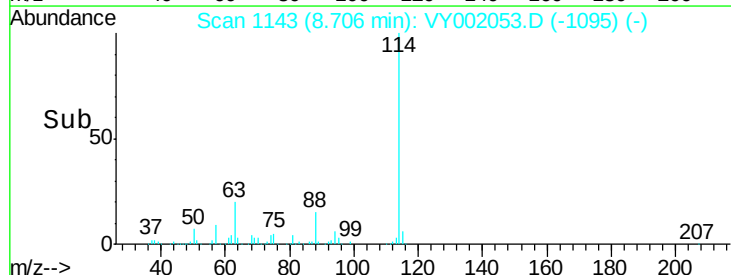
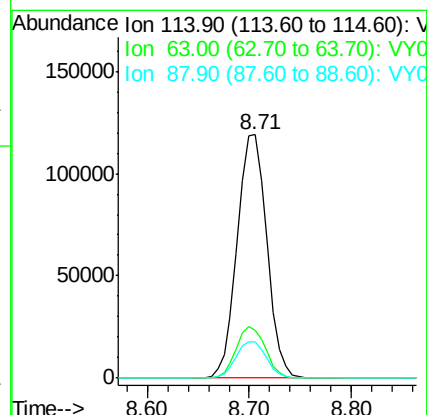
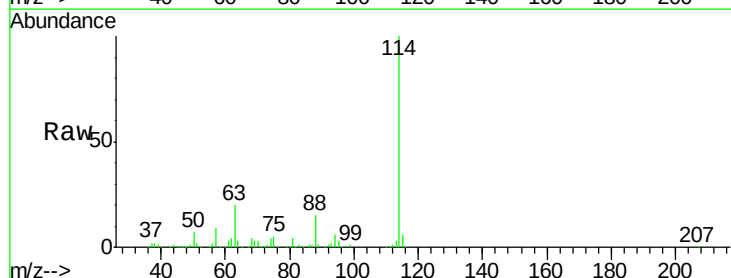
Tgt Ion: 114 Resp: 239460

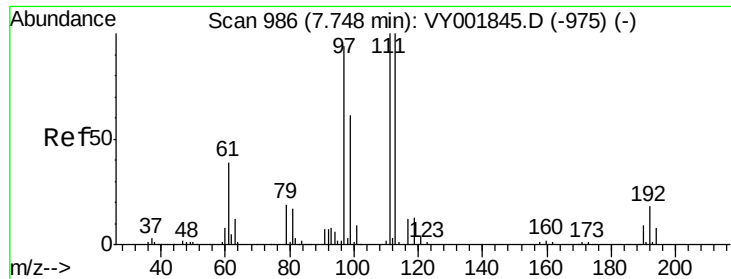
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 14.9 0.0 30.4

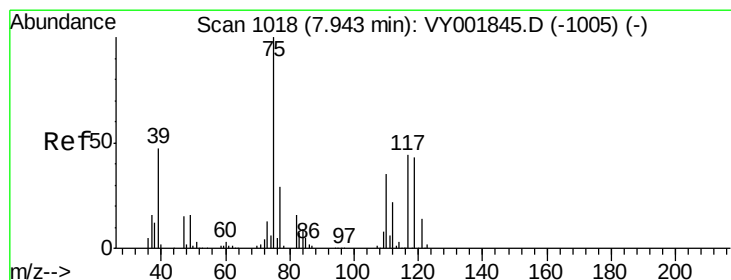
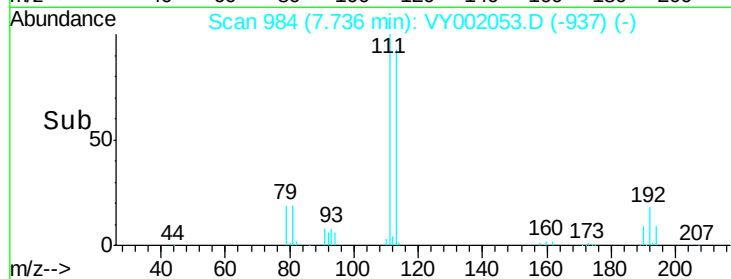
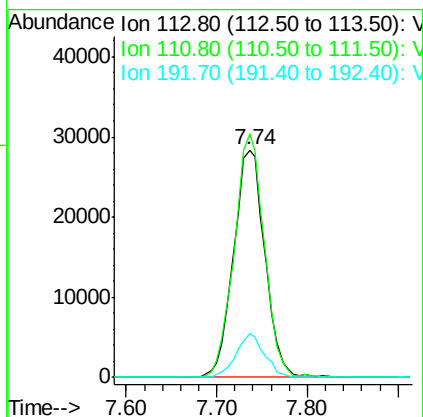
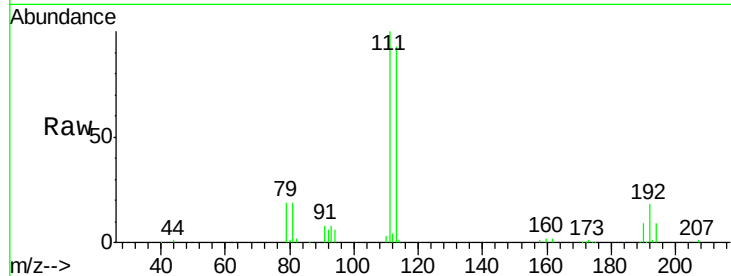




#35
 Dibromofluoromethane
 Concen: 51.94 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002053.D
 Acq: 24 Mar 2020 16:11

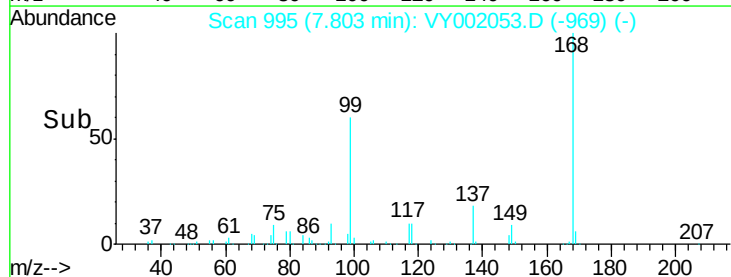
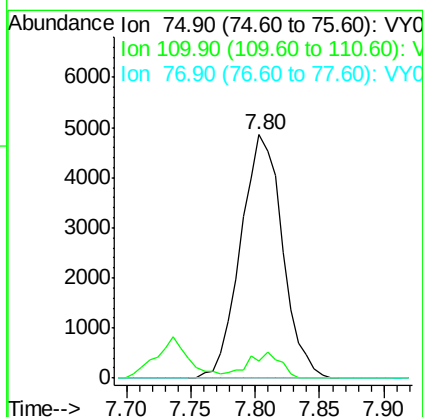
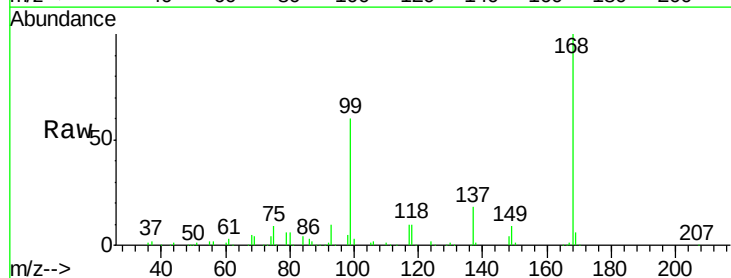
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30-(8-8.5)

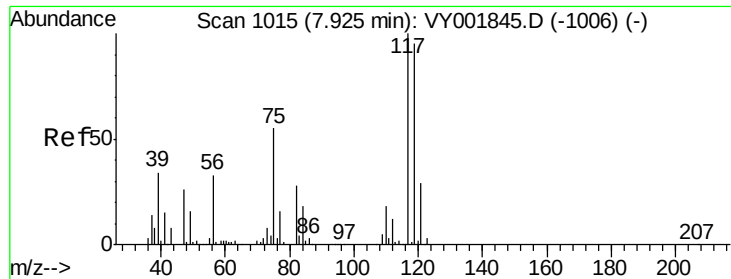
Tgt Ion:113 Resp: 67912
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 17.4 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.72 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY002053.D
 Acq: 24 Mar 2020 16:11

Tgt Ion: 75 Resp: 10886
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.4 52.2#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.79 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-30-(8-8.5)

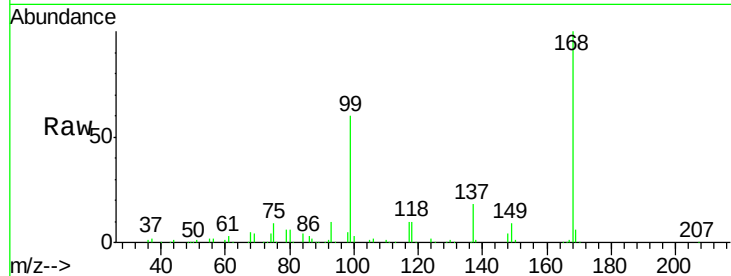
Tgt Ion:117 Resp: 13367

Ion Ratio Lower Upper

117 100

119 4.7 76.3 114.5#

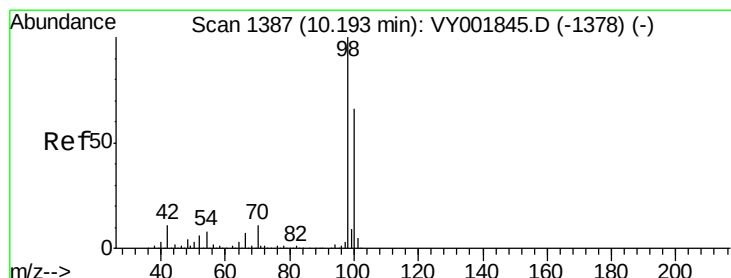
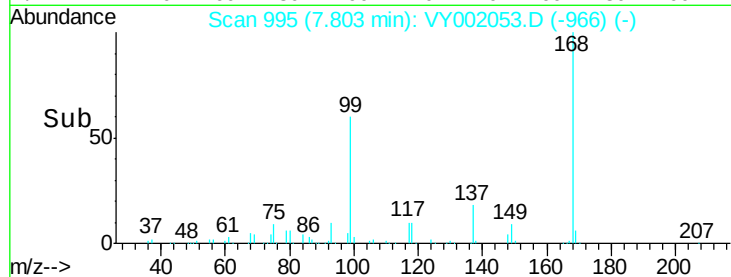
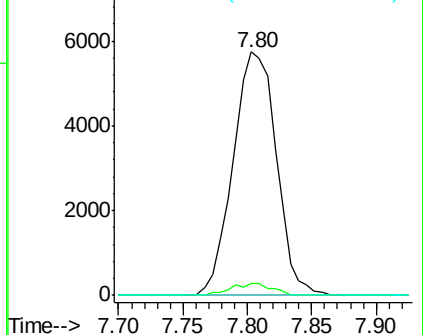
121 0.0 23.5 35.3#



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: 52.20 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002053.D

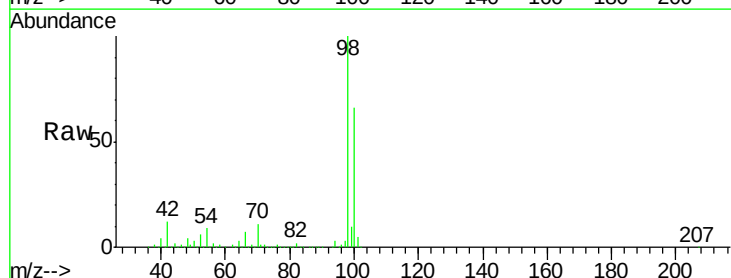
Acq: 24 Mar 2020 16:11

Tgt Ion: 98 Resp: 287844

Ion Ratio Lower Upper

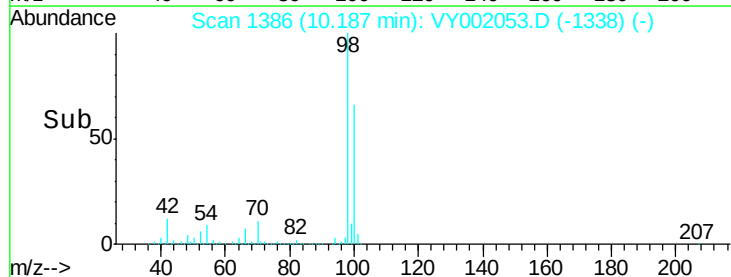
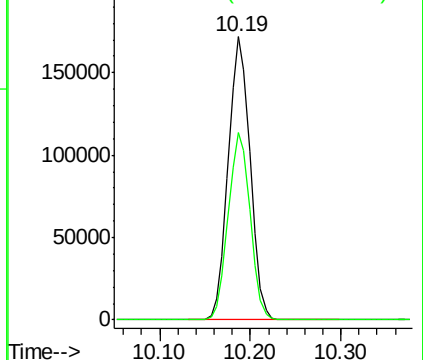
98 100

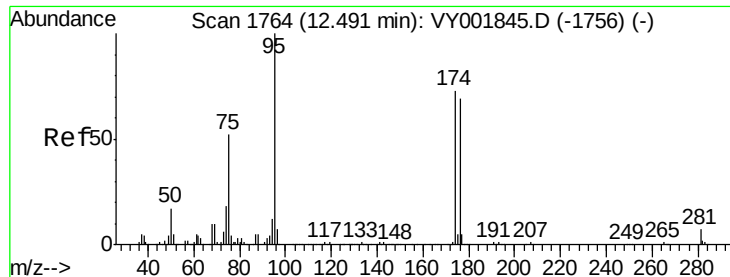
100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

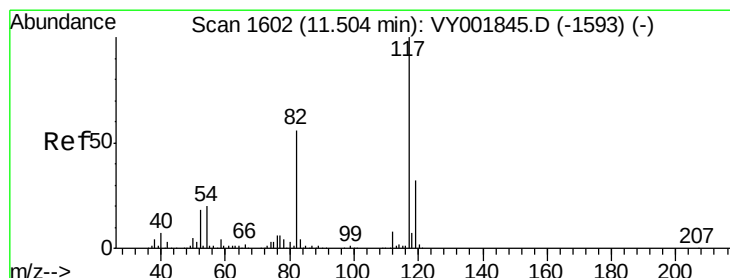
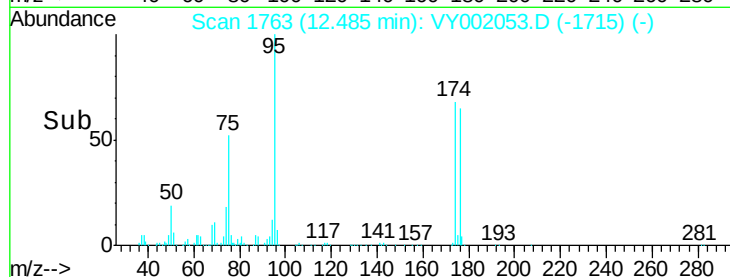
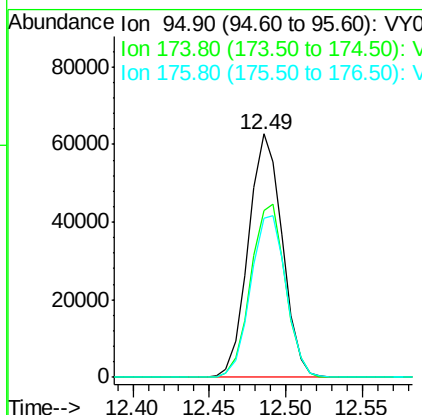
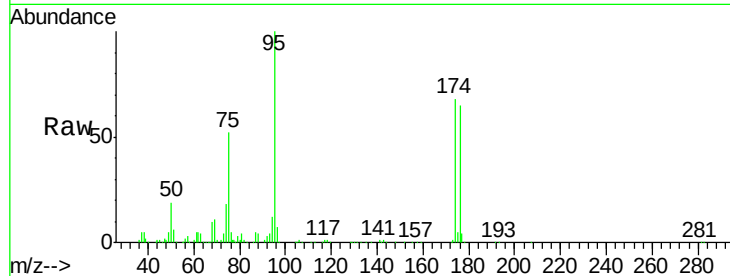




#62
4-Bromofluorobenzene
Concen: 50.46 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002053.D
Acq: 24 Mar 2020 16:11

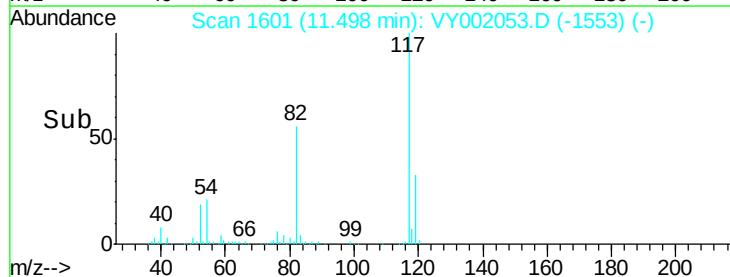
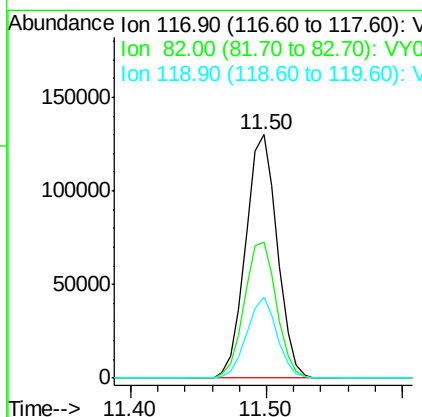
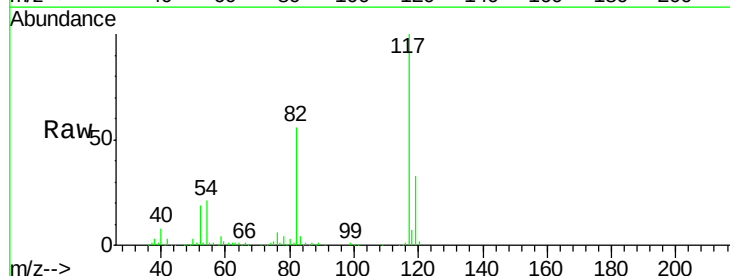
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SB-30-(8-8.5)

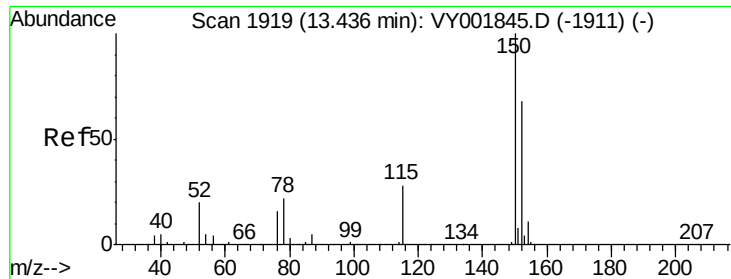
Tgt Ion: 95 Resp: 96744
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.0
176 69.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002053.D
Acq: 24 Mar 2020 16:11

Tgt Ion: 117 Resp: 212152
Ion Ratio Lower Upper
117 100
82 56.1 44.5 66.7
119 33.1 25.7 38.5

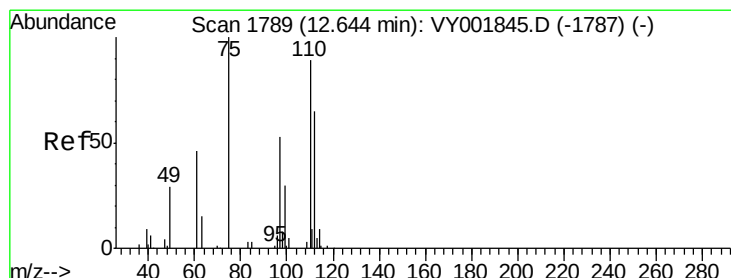
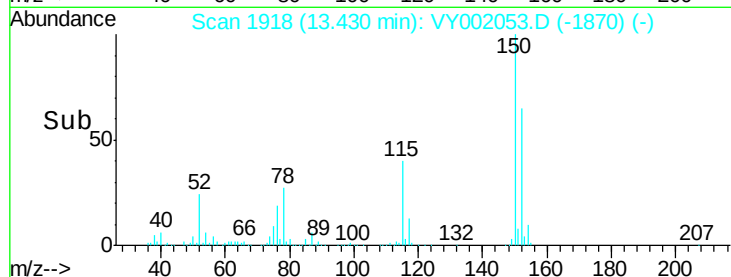
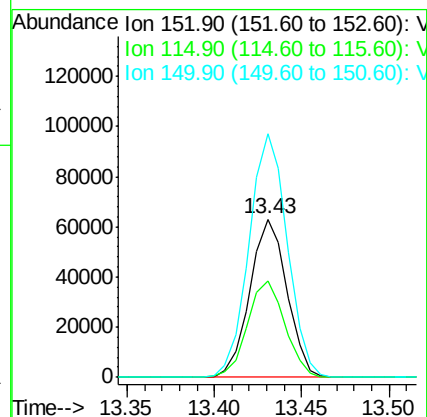
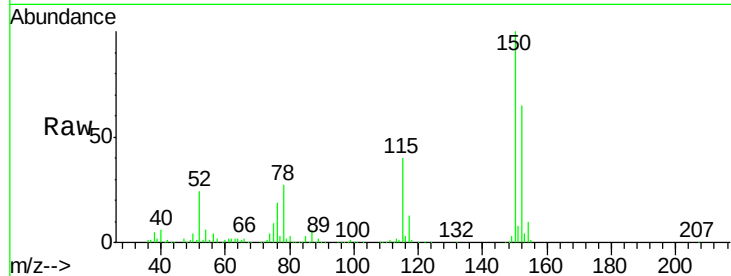




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: VY002053.D
 Acq: 24 Mar 2020 16:11

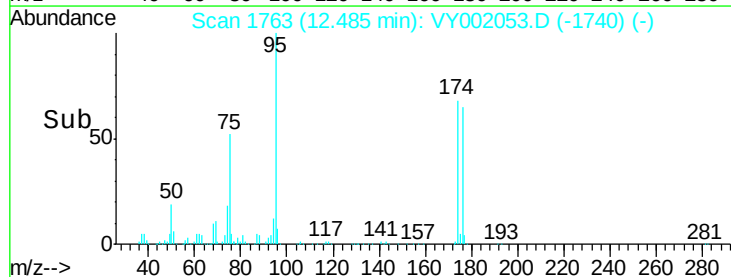
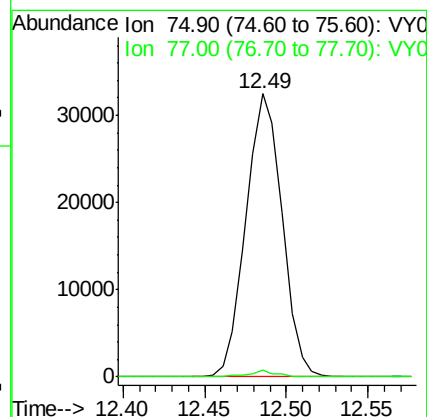
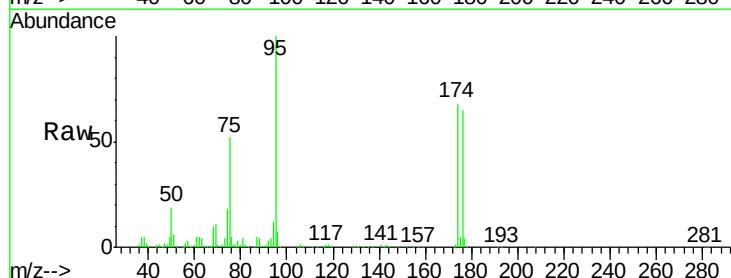
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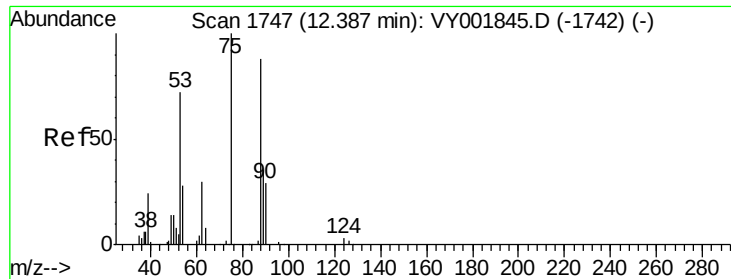
Tgt Ion:152 Resp: 93282
 Ion Ratio Lower Upper
 152 100
 115 61.4 29.9 89.7
 150 158.2 0.0 340.6



#76
 1,2,3-Trichloropropane
 Concen: 45.45 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY002053.D
 Acq: 24 Mar 2020 16:11

Tgt Ion: 75 Resp: 50311
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 91.82 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-30-(8-8.5)

Tgt Ion: 75 Resp: 50311

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

