

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003058.D
 Acq On : 01 Jul 2020 15:01
 Operator : SY/MD
 Sample : L3157-04RE
 Misc : 5.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D35RE

Quant Time: Jul 02 03:11:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

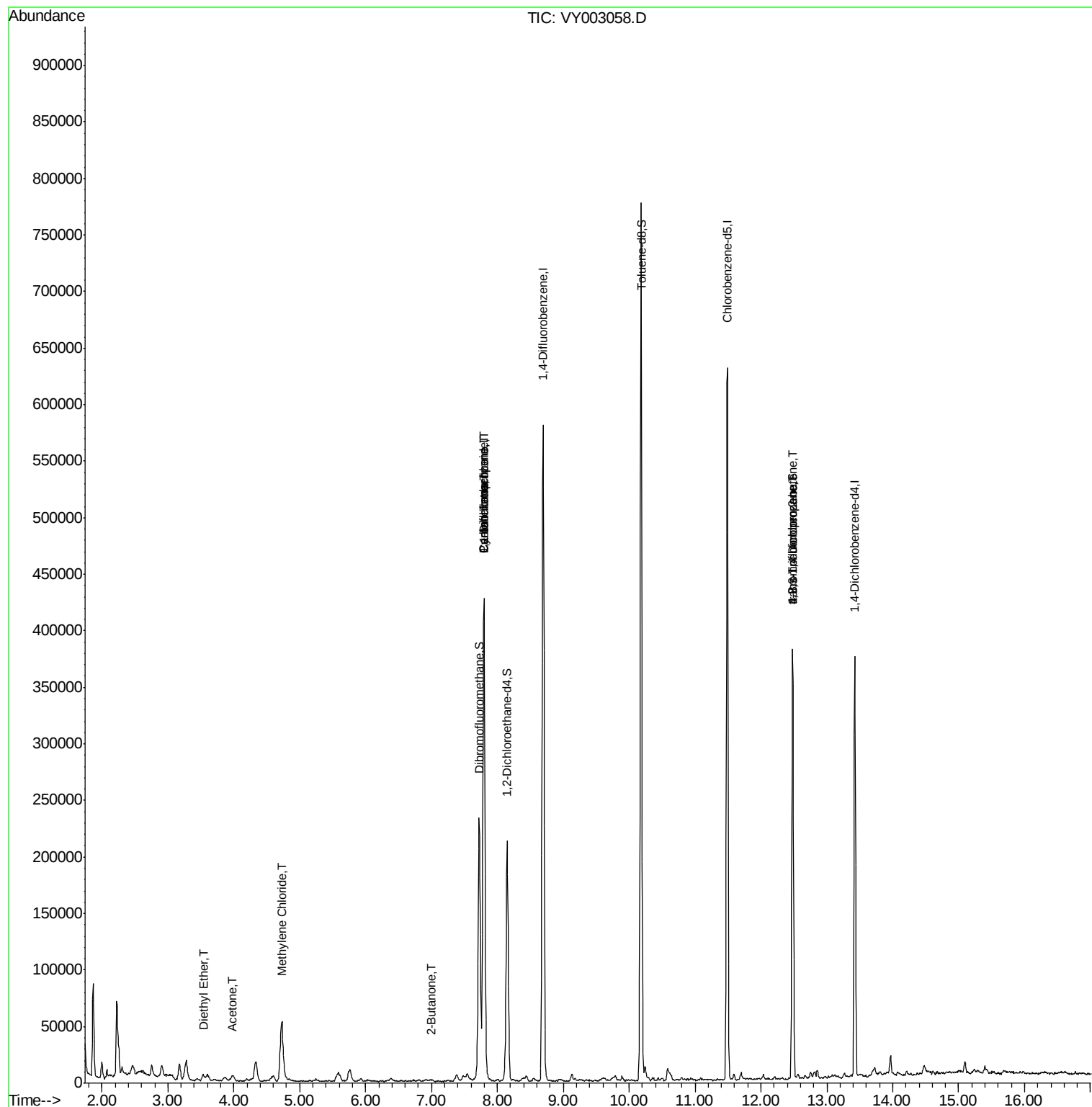
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	498946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	355891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	167170	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.72	113	160253	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
50) Toluene-d8	10.18	98	516786	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	12.48	95	109437	26.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.62%	
Target Compounds						
8) Diethyl Ether	3.53	74	3335	1.837	ug/l	93
16) Acetone	3.96	43	5198	6.399	ug/l #	84
20) Methylene Chloride	4.72	84	40731	4.957	ug/l	90
25) 2-Butanone	7.00	43	1951	1.512	ug/l #	48
31) Cyclohexane	7.80	56	7232	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	23861	4.965	ug/l #	50
38) Carbon Tetrachloride	7.80	117	31595	6.319	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	55238	57.836	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	55238	112.524	ug/l #	12

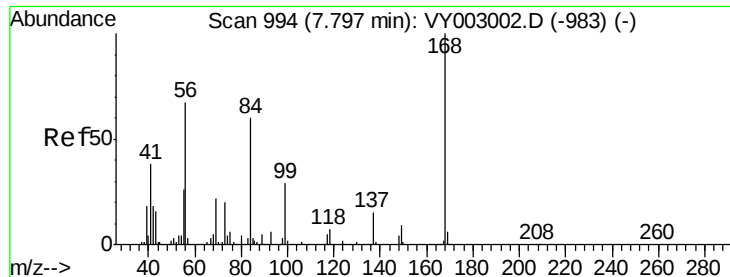
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
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Operator : SY/MD
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Quant Time: Jul 02 03:11:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003058.D

Acq: 01 Jul 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

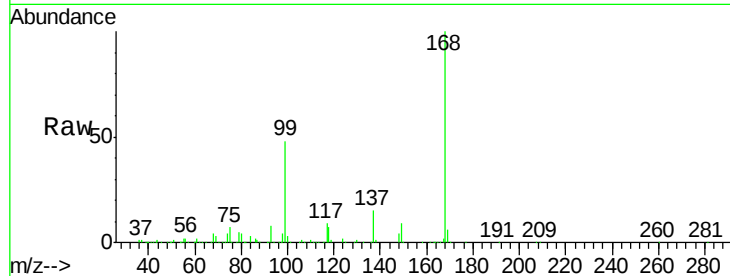
CB-D35RE

Tot Ion:168 Resp: 346778

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

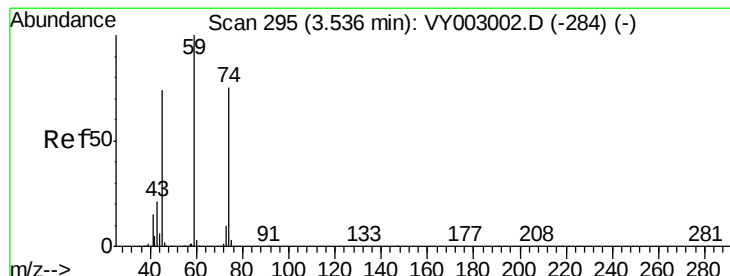
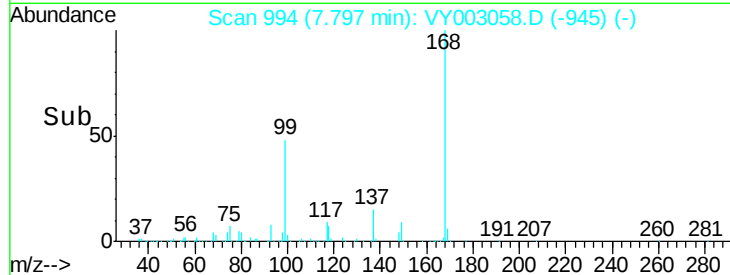
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.837 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003058.D

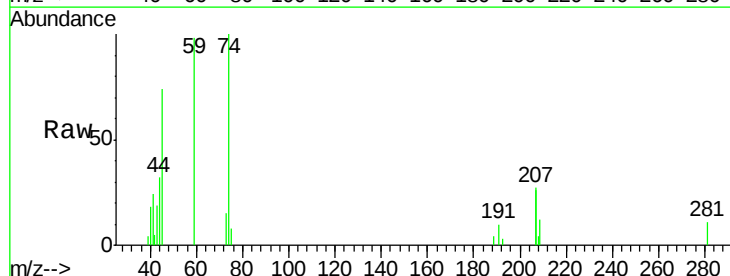
Acq: 01 Jul 2020 15:01

Tgt Ion: 74 Resp: 3335

Ion Ratio Lower Upper

74 100

45 91.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003002.D (-284) (-)

Ion 45.00 (44.70 to 45.70): VY003002.D (-284) (-)

3.53

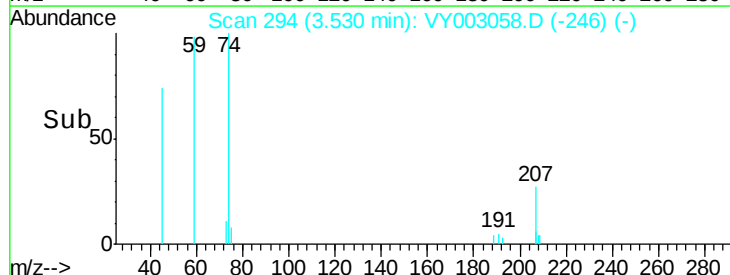
1500

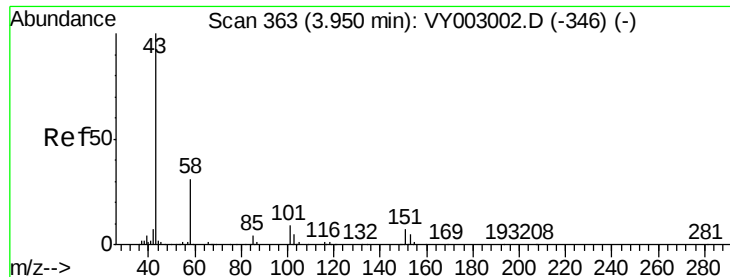
1000

500

0

Time-->





#16

Acetone

Concen: 6.399 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

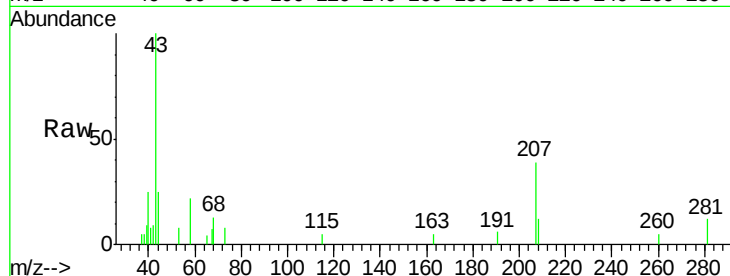
CB-D35RE

Tot Ion: 43 Resp: 5198

Ion Ratio Lower Upper

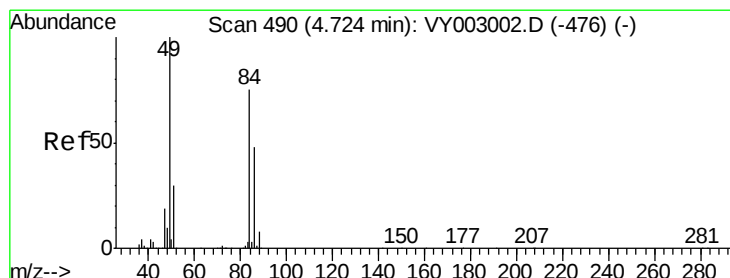
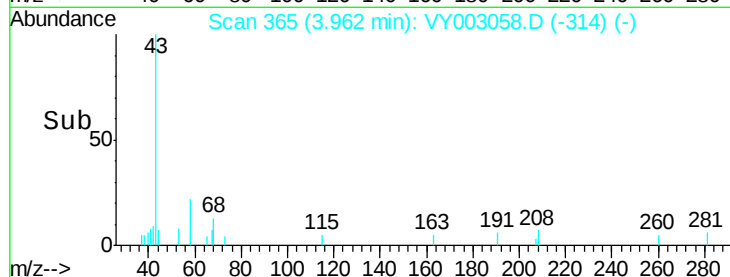
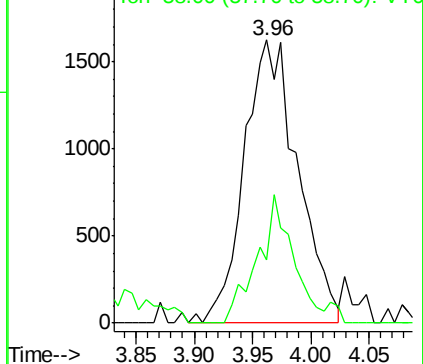
43 100

58 22.2 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 4.957 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

Tgt Ion: 84 Resp: 40731

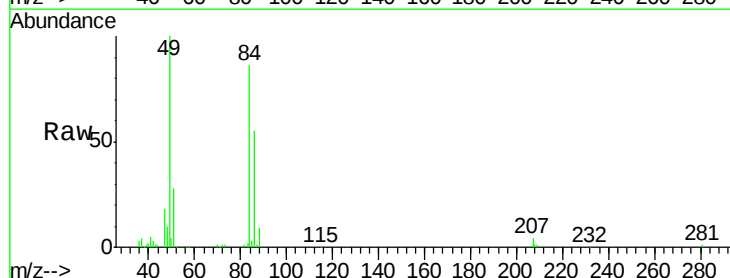
Ion Ratio Lower Upper

84 100

49 116.6 106.8 160.2

51 33.0 32.0 48.0

86 63.7 51.4 77.2

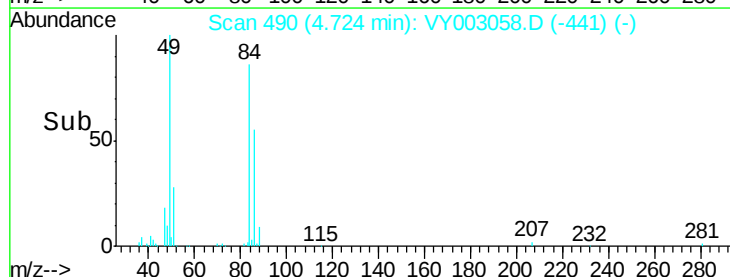
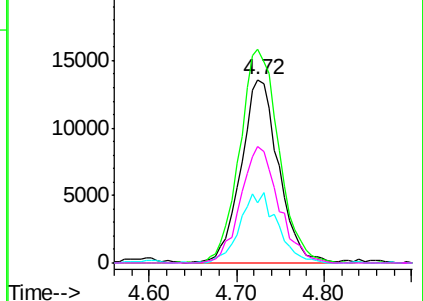


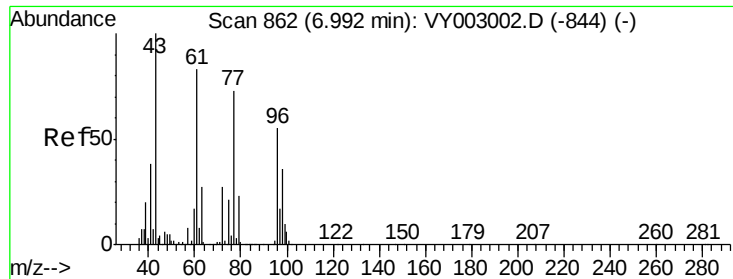
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

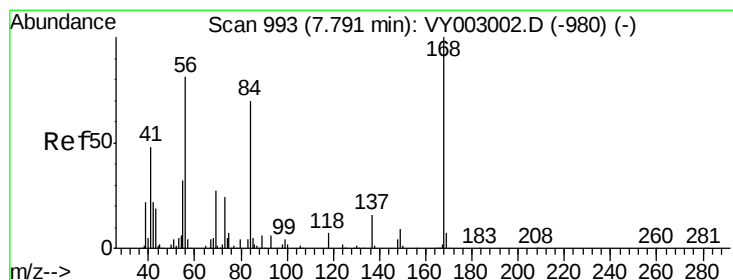
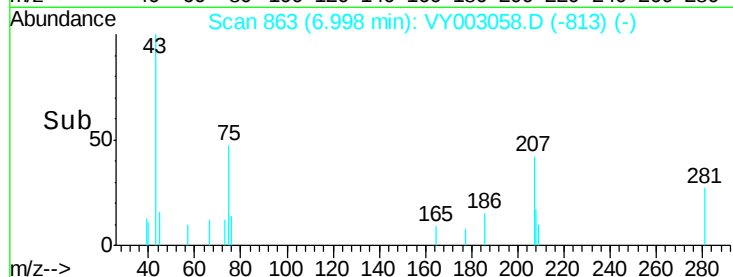
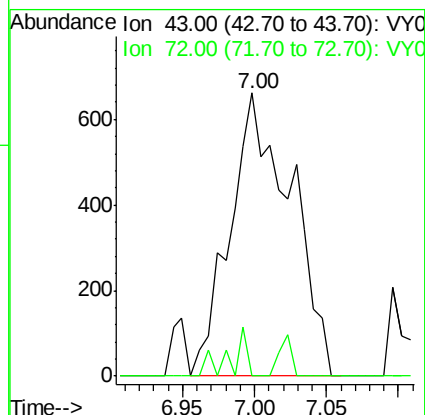
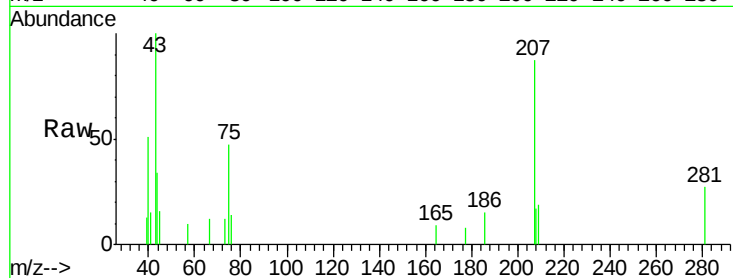




#25
2-Butanone
Concen: 1.512 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

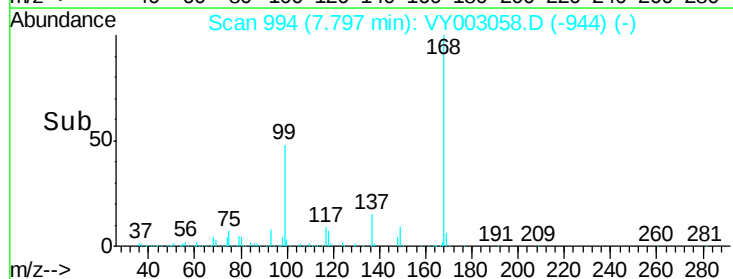
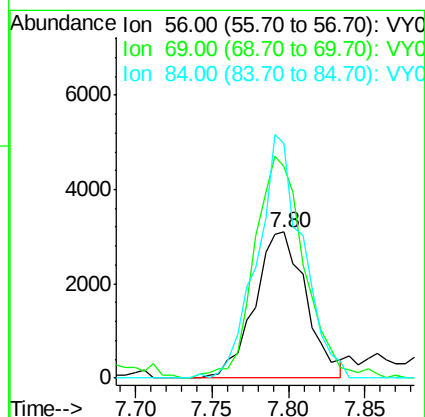
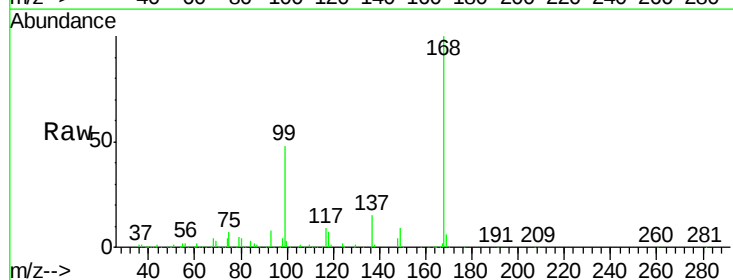
Instrument :
MSVOA_Y
ClientSampleId :
CB-D35RE

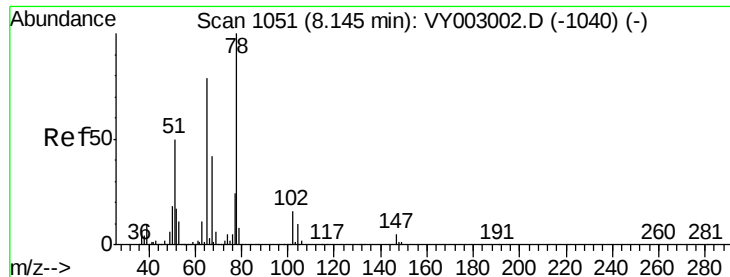
Tot Ion: 43 Resp: 1951
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Tgt Ion: 56 Resp: 7232
Ion Ratio Lower Upper
56 100
69 145.1 27.0 40.4#
84 160.7 68.1 102.1#





#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

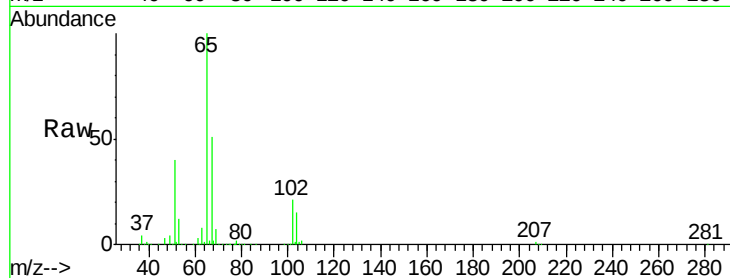
CB-D35RE

Tot Ion: 65 Resp: 167170

Ion Ratio Lower Upper

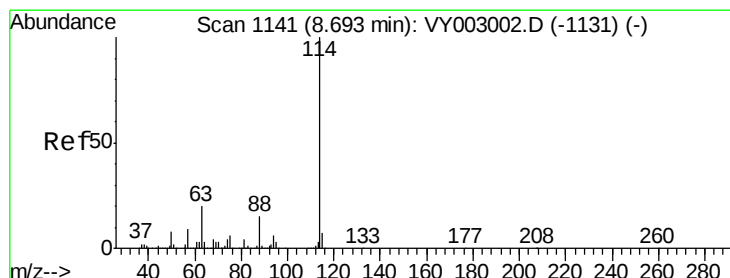
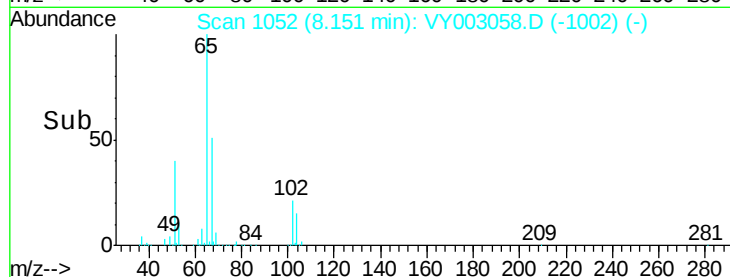
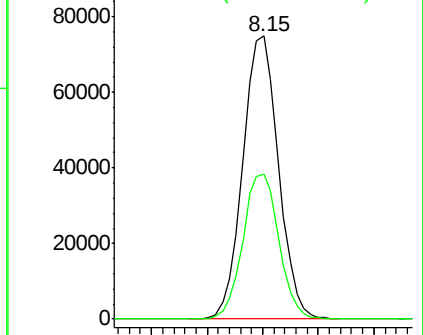
65 100

67 51.3 0.0 105.6



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: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

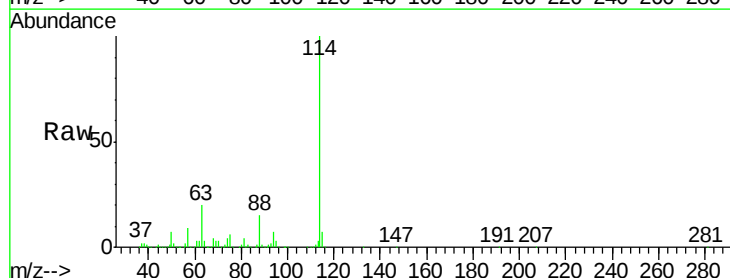
Tgt Ion: 114 Resp: 498946

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

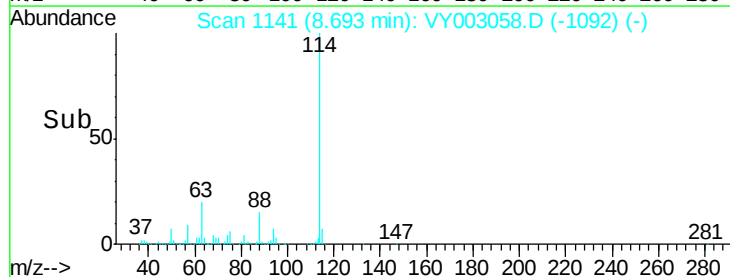
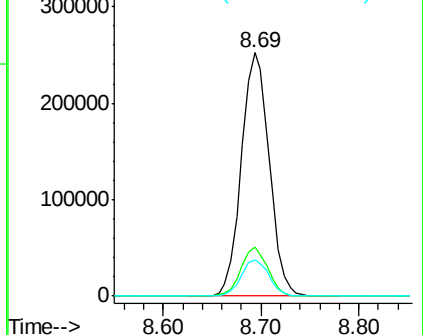
88 14.7 0.0 30.0

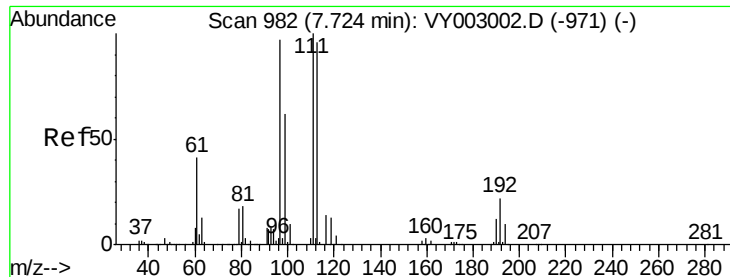


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.487 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

CB-D35RE

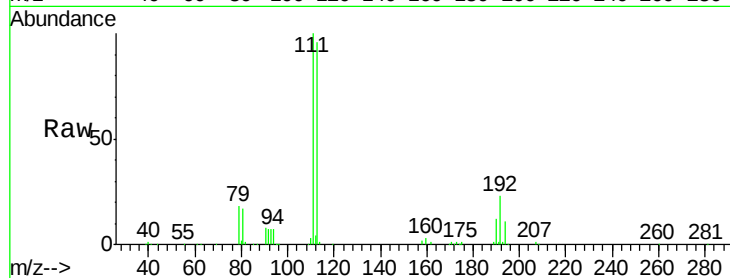
Tot Ion:113 Resp: 160253

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

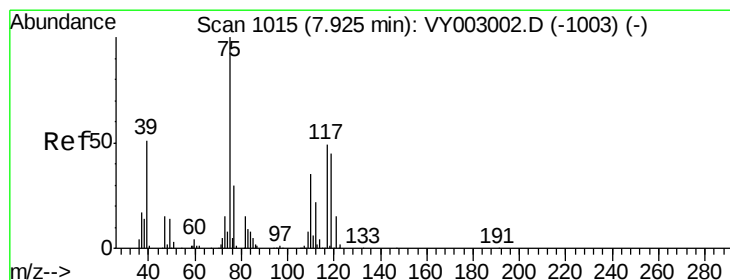
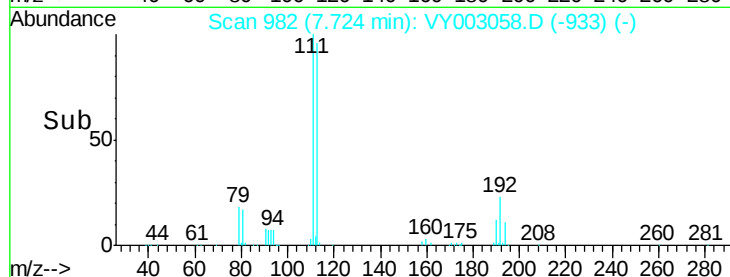
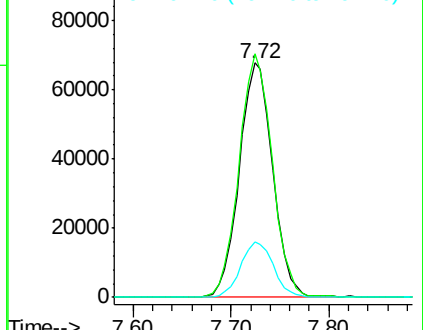
192 23.4 18.1 27.1



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: 4.965 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

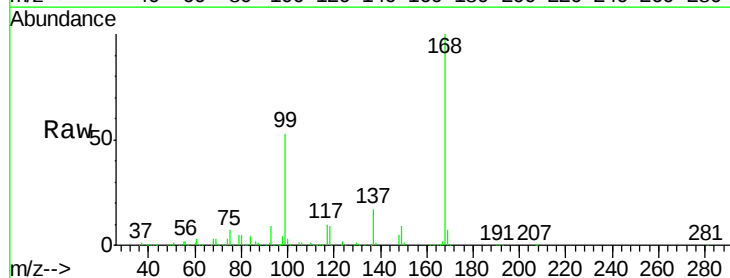
Tgt Ion: 75 Resp: 23861

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

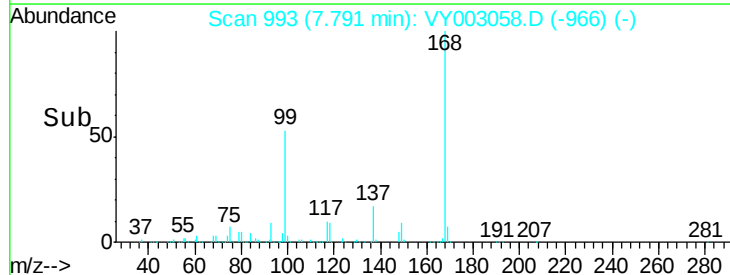
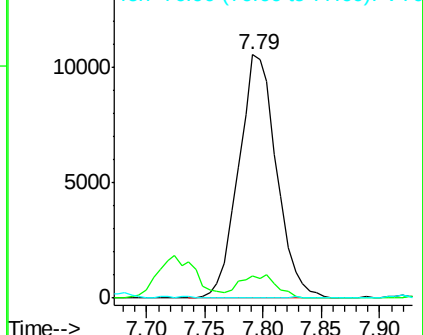
77 0.0 24.9 37.3#

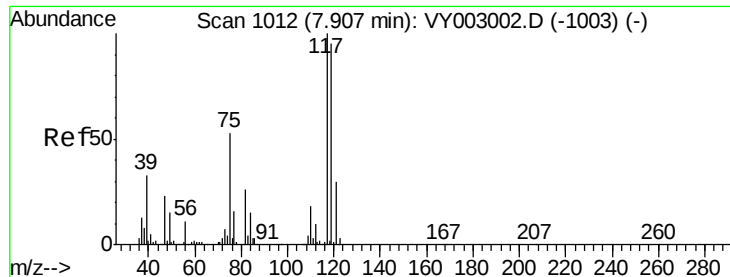


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

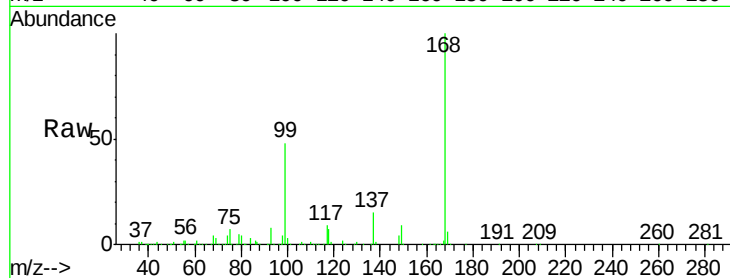




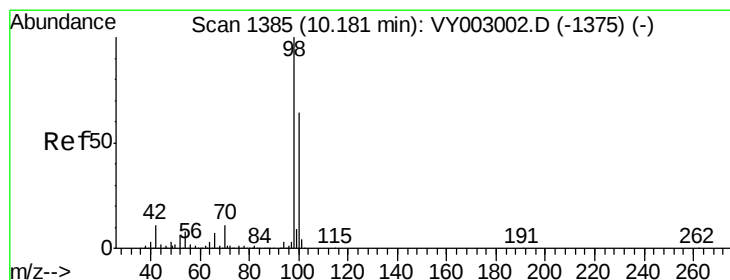
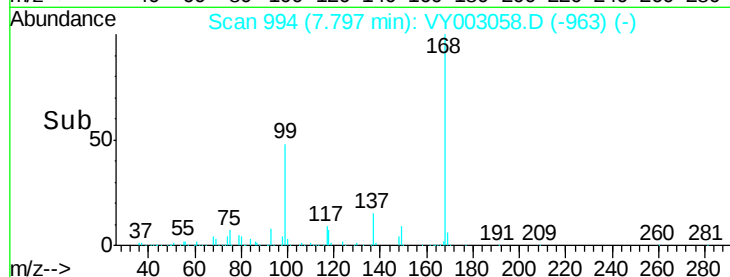
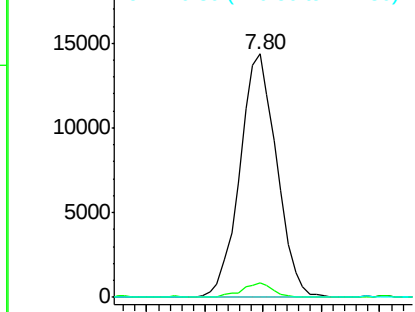
#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Instrument :
MSVOA_Y
ClientSampleId :
CB-D35RE

Tot Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.7	113.5#
121	0.0	23.9	35.9#

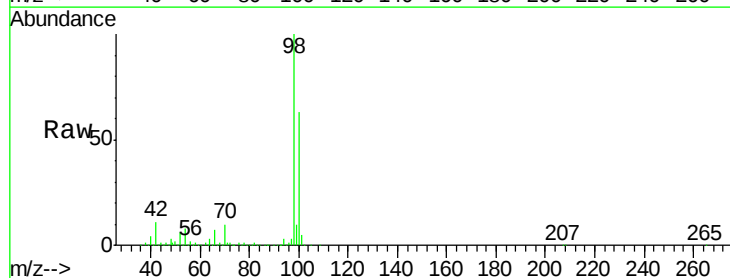


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

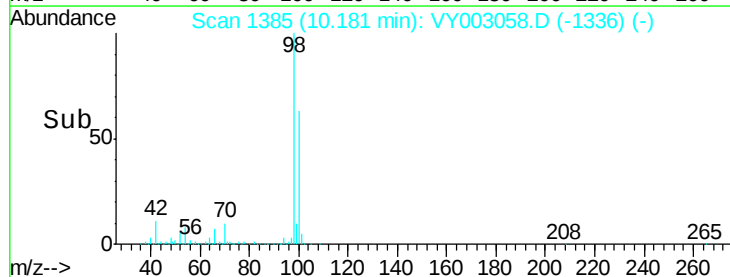
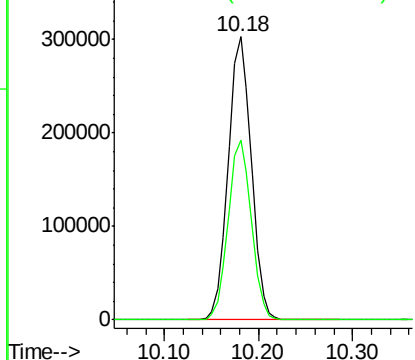


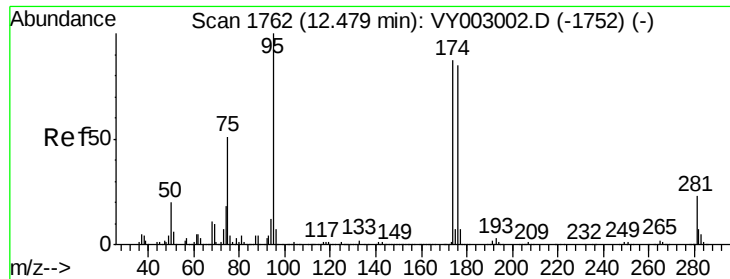
#50
Toluene-d8
Concen: 44.568 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

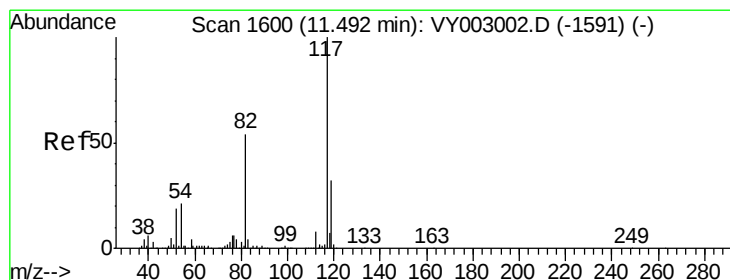
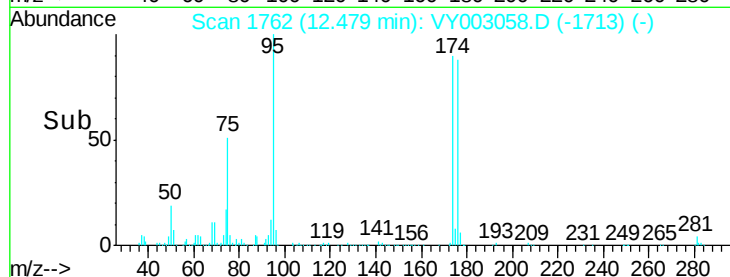
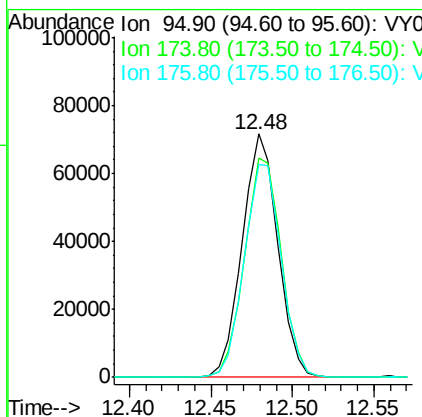
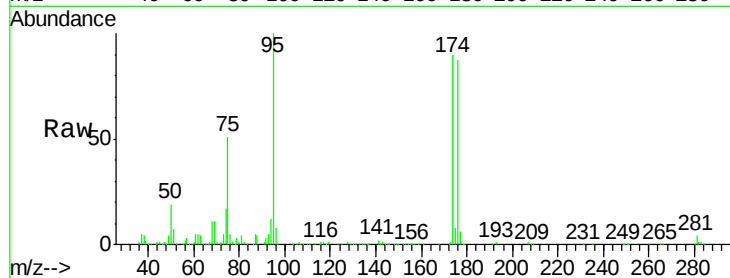




#62
4-Bromofluorobenzene
Concen: 26.812 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

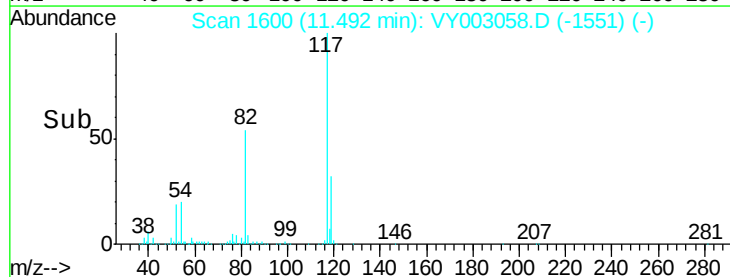
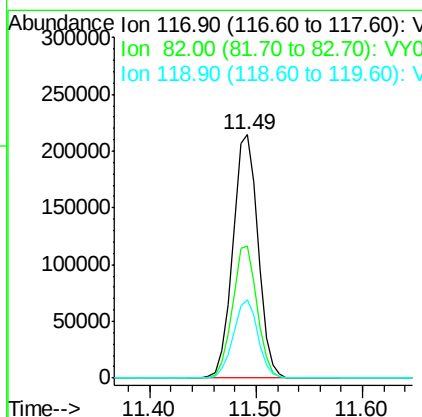
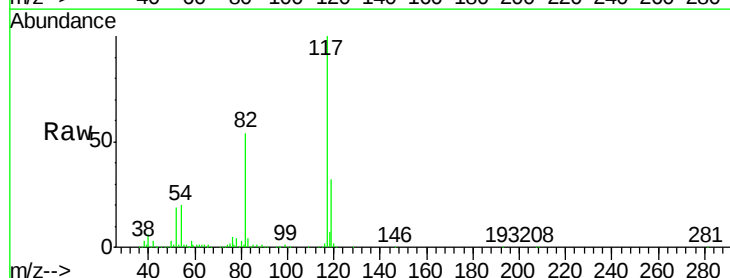
Instrument :
MSVOA_Y
ClientSampleId :
CB-D35RE

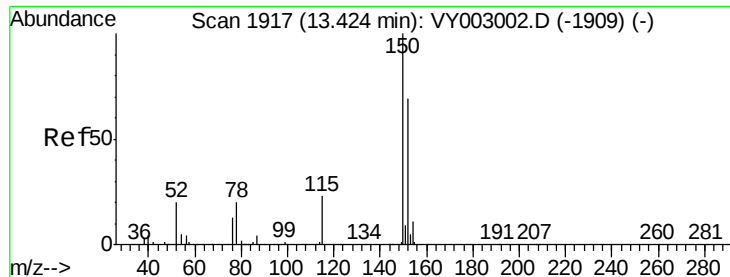
Tot Ion	95	Resp	109437
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	184.8
176	90.6	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Tgt Ion	117	Resp	355891
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.0	64.6
119	32.1	25.8	38.8



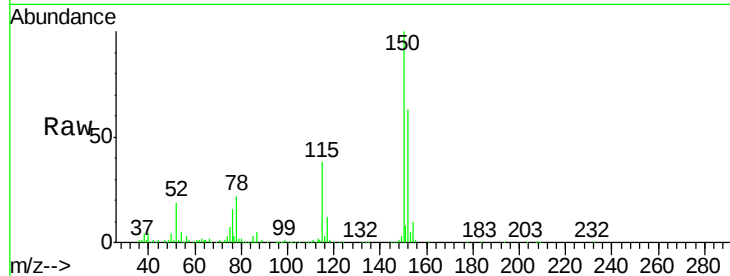


#72

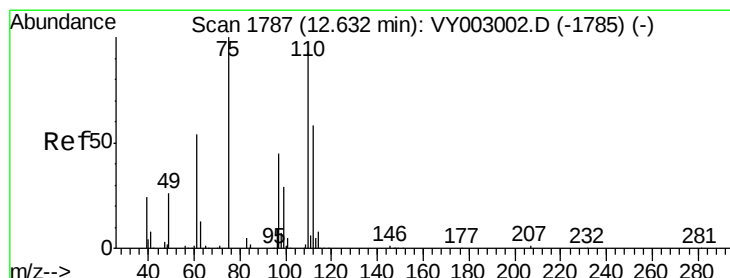
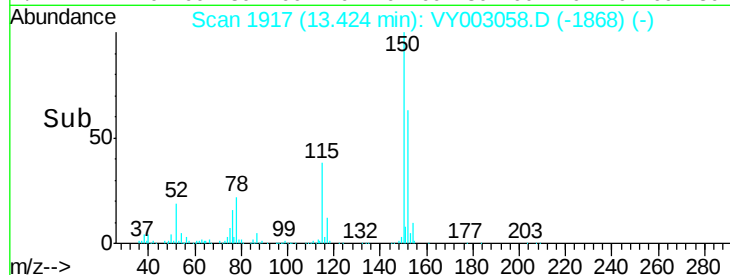
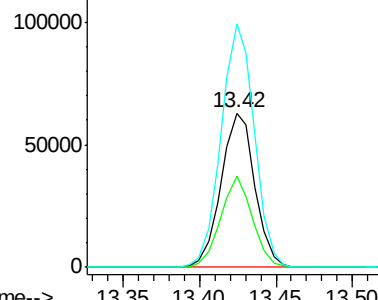
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Instrument :
MSVOA_Y
ClientSampleId :
CB-D35RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.3	81.9
150	155.4	0.0	343.4



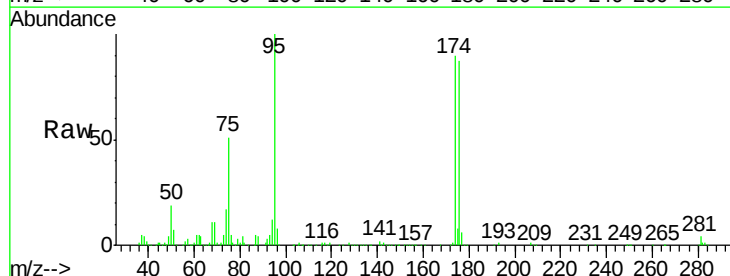
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



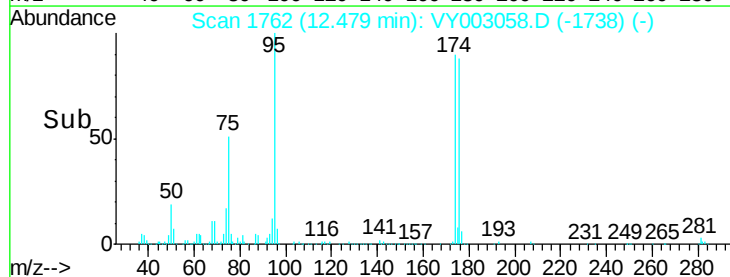
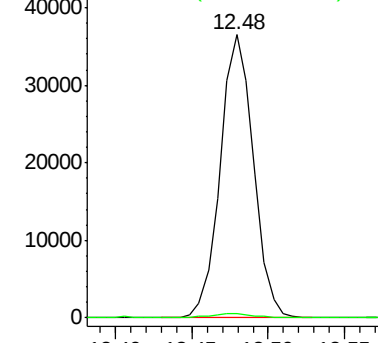
#76

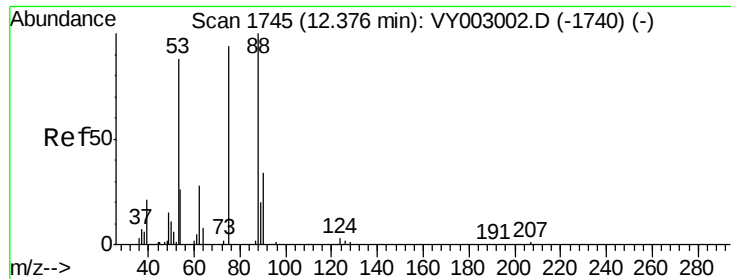
1,2,3-Trichloropropane
Concen: 57.836 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 112.524 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

CB-D35RE

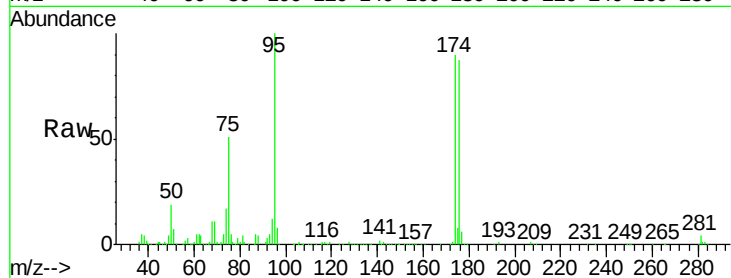
Tot Ion: 75 Resp: 55238

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.2 37.5 56.3#



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

