

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001226.D
 Acq On : 15 Jan 2020 18:15
 Operator : SY/MD
 Sample : L1127-04
 Misc : 6.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-102-2-2.5

Quant Time: Jan 16 04:52:11 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	164530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	294920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	255302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99381	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	90346	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	7.73	113	86361	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.18	98	342499	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.48	95	113585	41.76	ug/l	0.00
Spiked Amount			Recovery	=	83.52%	

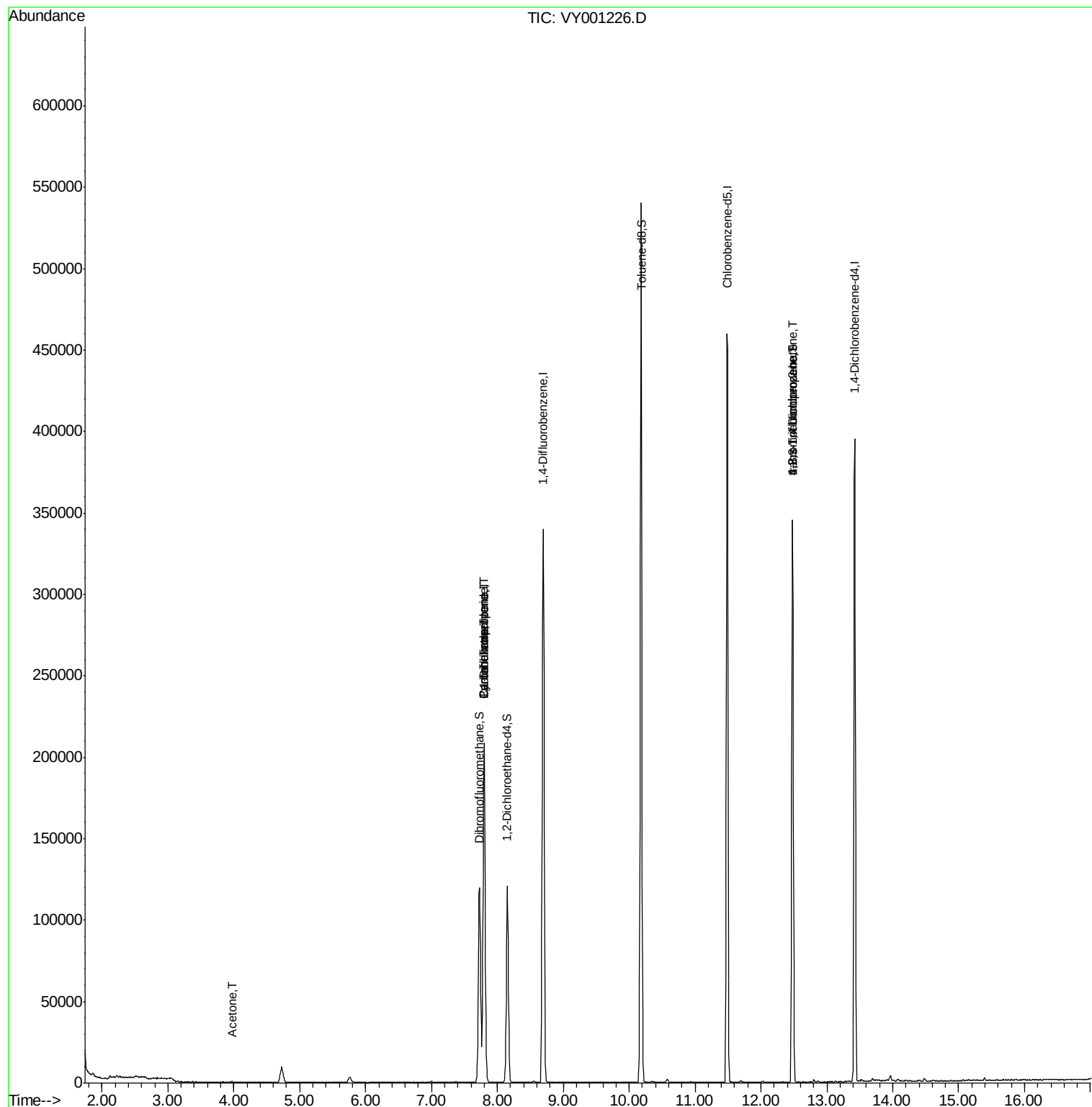
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	746	1.848	ug/l #	80
20) Methylene Chloride	4.72	84	7190	Below Cal		94
31) Cyclohexane	7.80	56	3505	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12105	4.503	ug/l #	49
38) Carbon Tetrachloride	7.80	117	15495	6.290	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	55048	51.743	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	55048	87.744	ug/l #	6

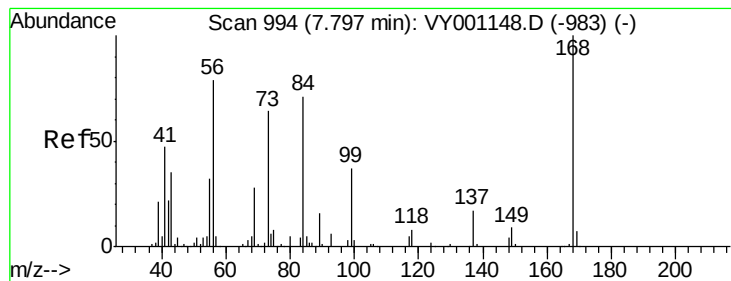
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001226.D

Acq: 15 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

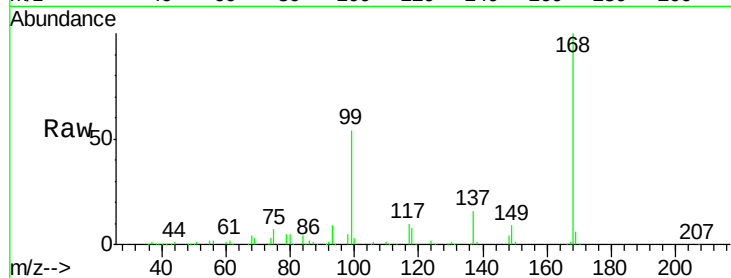
QVD-SB-102-2-2.5

Tgt Ion:168 Resp: 164530

Ion Ratio Lower Upper

168 100

99 53.8 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

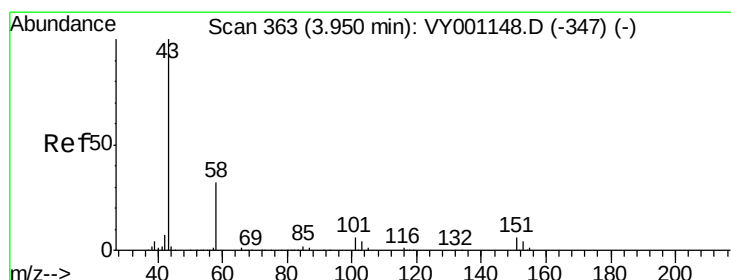
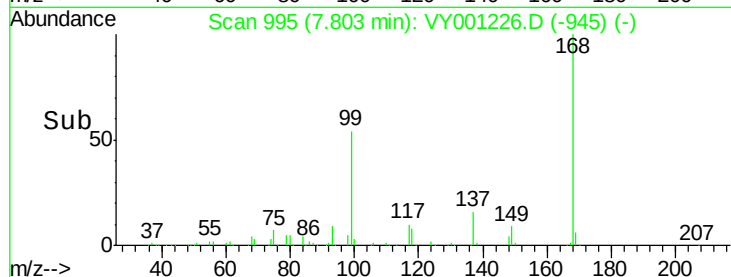
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 1.848 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001226.D

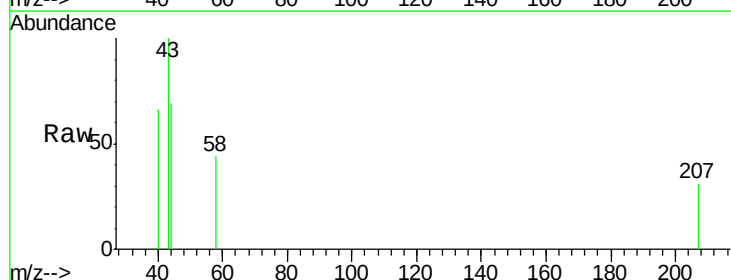
Acq: 15 Jan 2020 18:15

Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

58 43.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

300

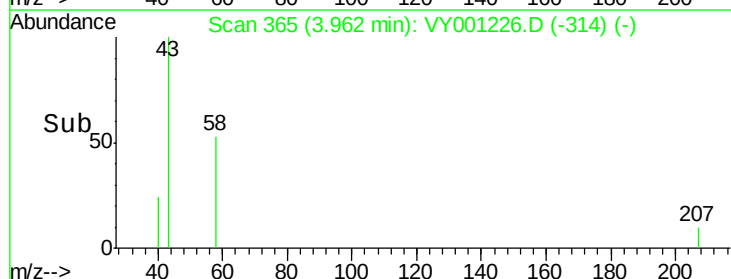
200

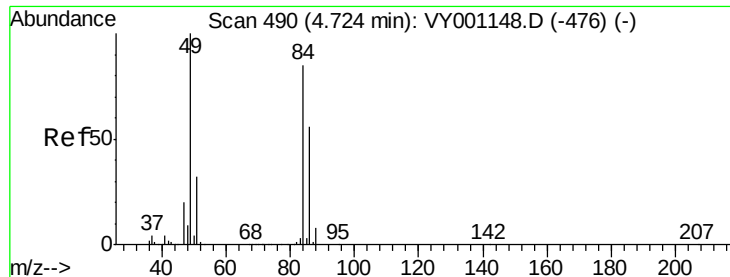
100

0

3.90 3.95 4.00

Time-->

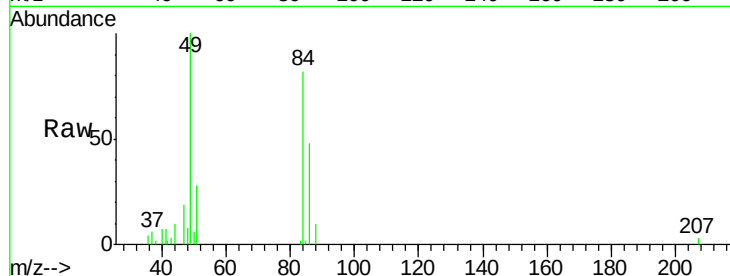




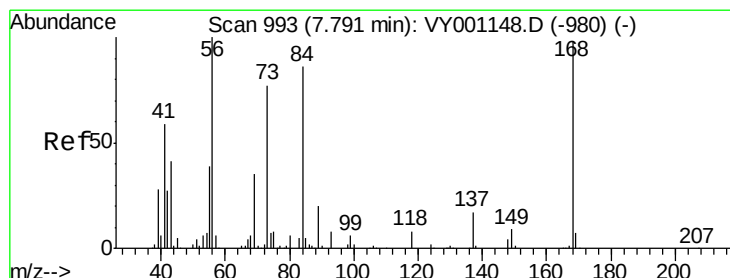
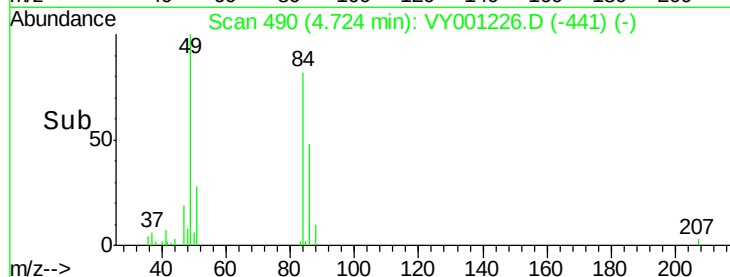
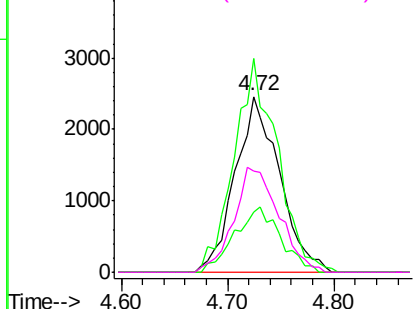
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-102-2-2.5

Tgt Ion:	84	Resp:	7190
Ion	Ratio	Lower	Upper
84	100		
49	121.5	93.8	140.6
51	34.4	29.9	44.9
86	57.8	52.6	78.8

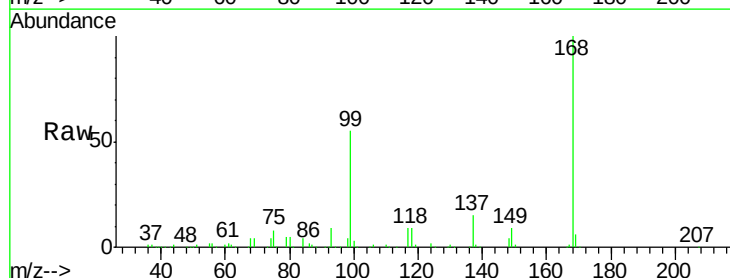


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

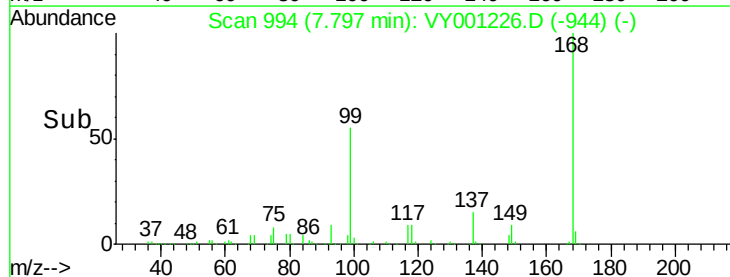
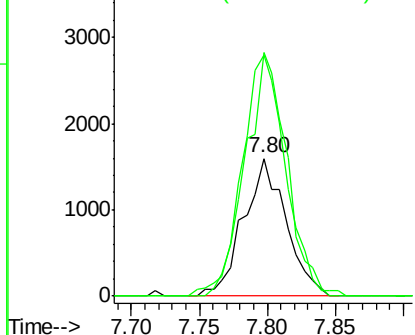


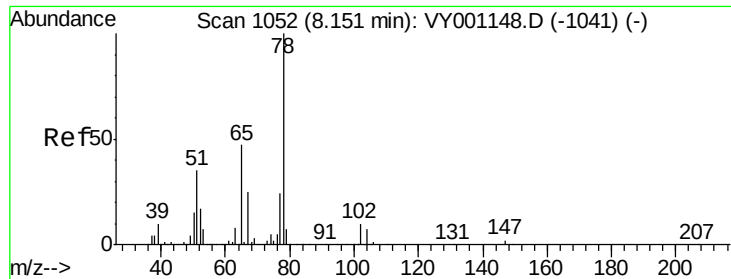
#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Tgt Ion:	56	Resp:	3505
Ion	Ratio	Lower	Upper
56	100		
69	175.1	27.8	41.8#
84	177.2	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

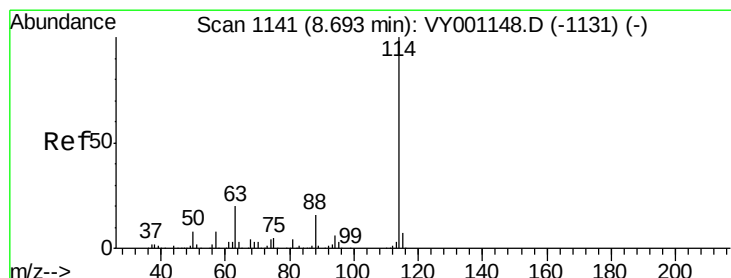
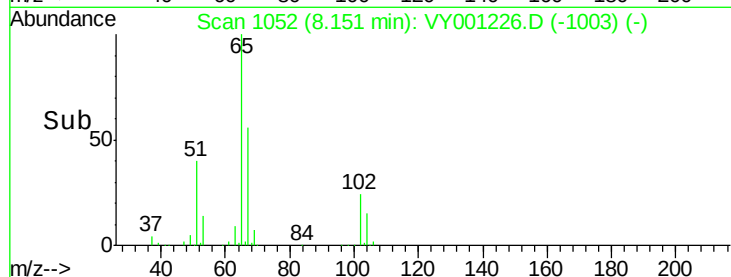
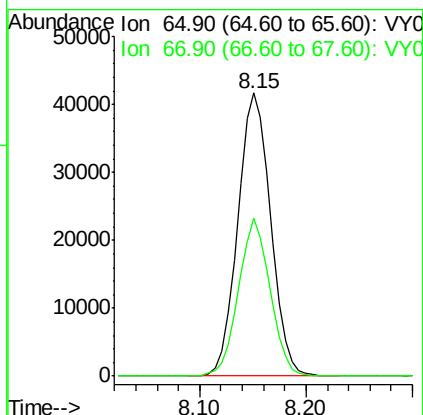
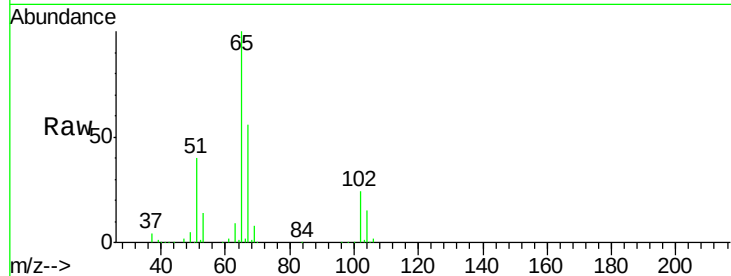




#33
 1,2-Dichloroethane-d4
 Concen: 51.991 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001226.D
 Acq: 15 Jan 2020 18:15

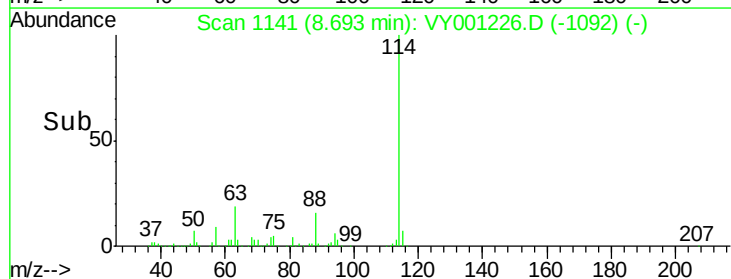
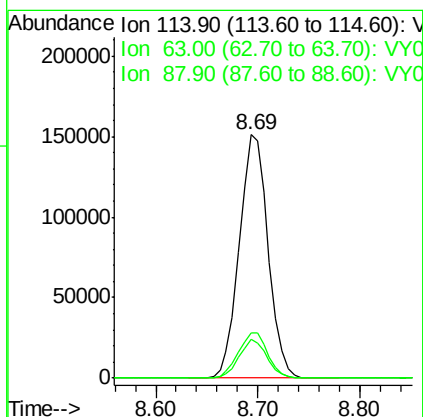
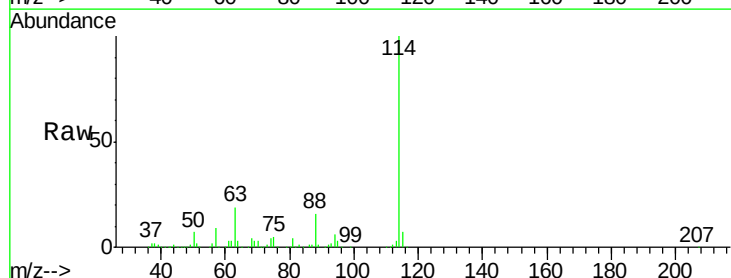
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-102-2-2.5

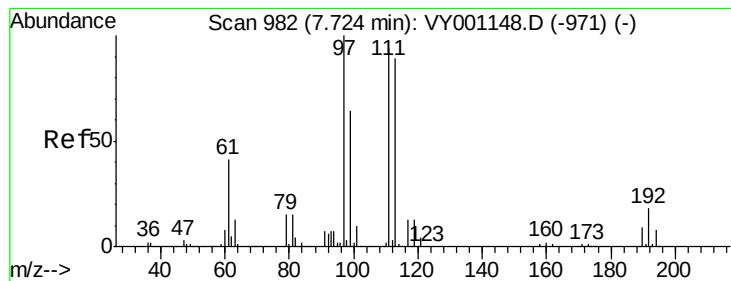
Tgt Ion: 65 Resp: 90346
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001226.D
 Acq: 15 Jan 2020 18:15

Tgt Ion: 114 Resp: 294920
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.8
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.014 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001226.D

Acq: 15 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-102-2-2.5

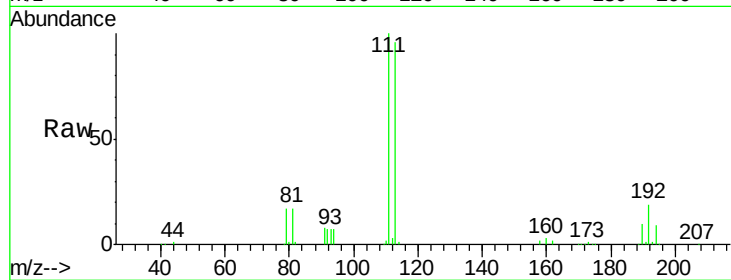
Tgt Ion:113 Resp: 86361

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

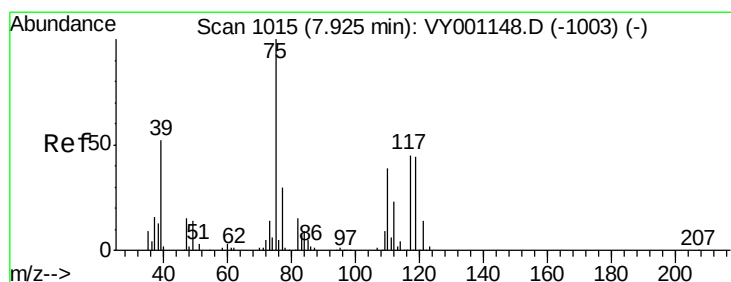
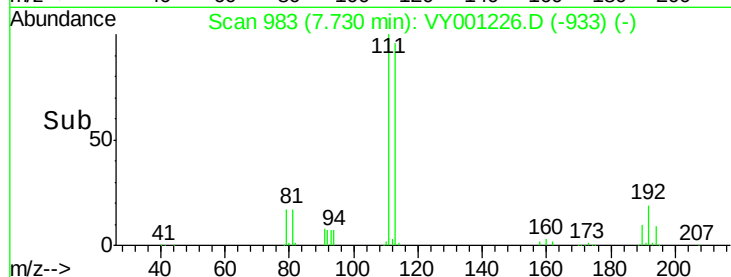
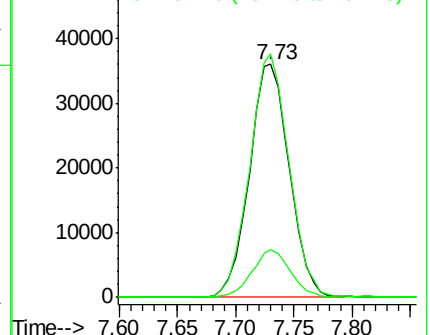
192 19.5 15.4 23.2



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: 4.503 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001226.D

Acq: 15 Jan 2020 18:15

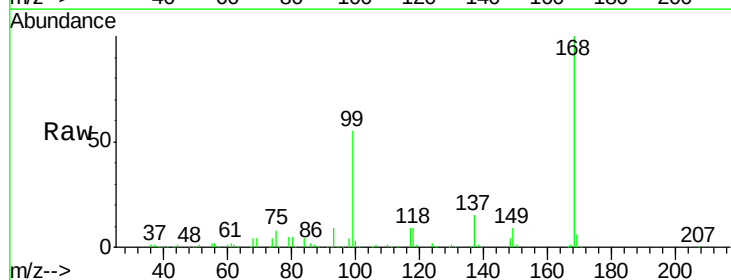
Tgt Ion: 75 Resp: 12105

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

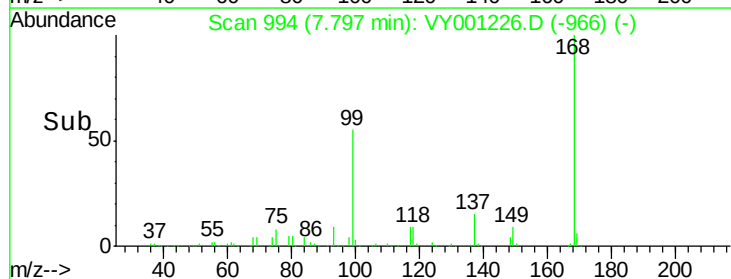
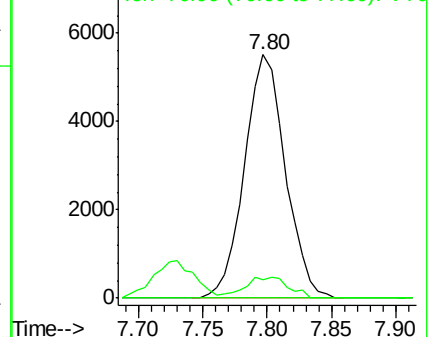
77 0.0 25.1 37.7#

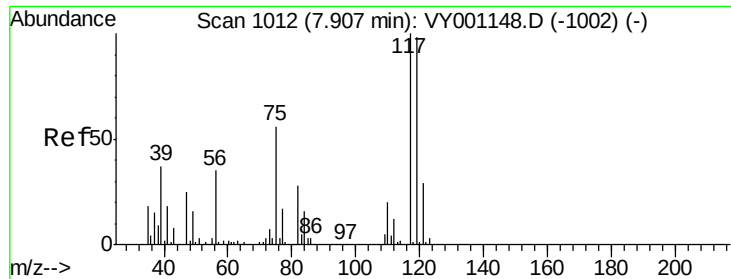


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

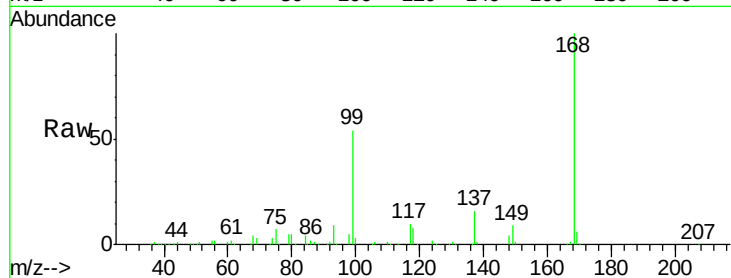




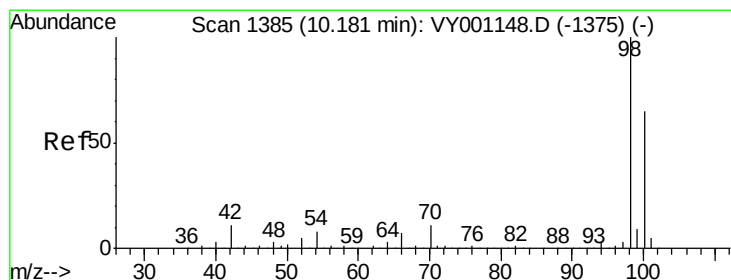
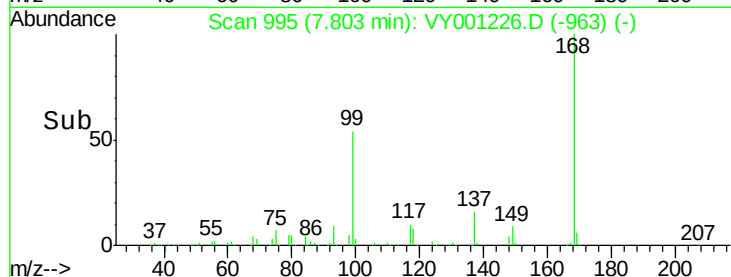
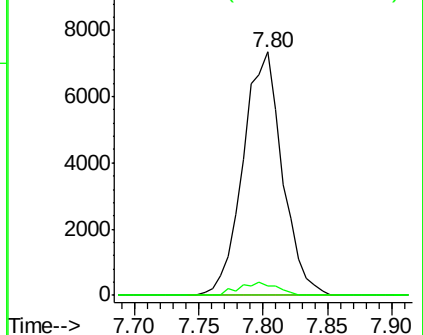
#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-102-2-2.5

Tgt Ion: 117 Resp: 15495
Ion Ratio Lower Upper
117 100
119 4.1 78.3 117.5#
121 0.0 23.5 35.3#

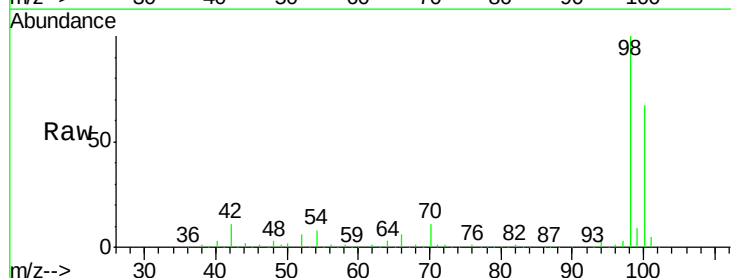


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

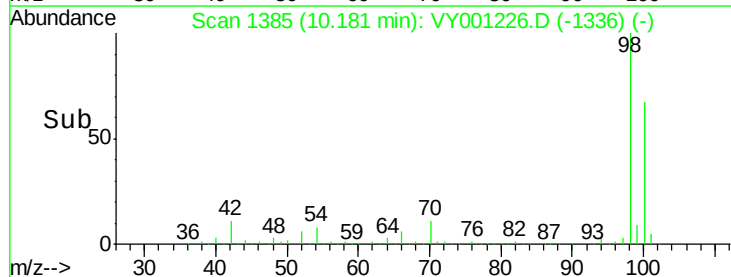
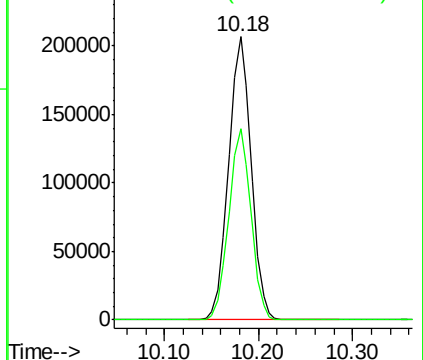


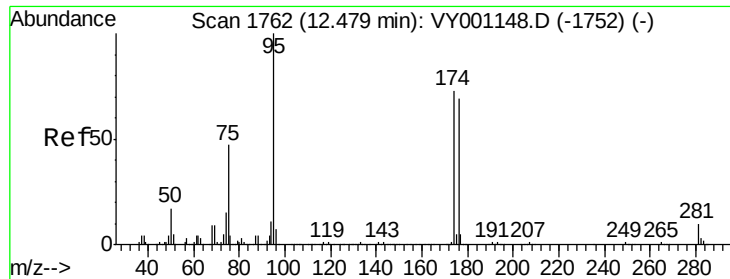
#50
Toluene-d8
Concen: 51.477 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Tgt Ion: 98 Resp: 342499
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



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

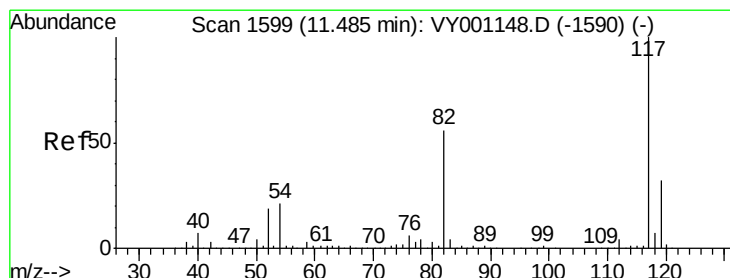
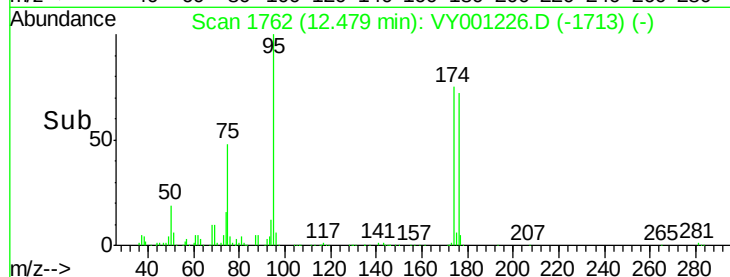
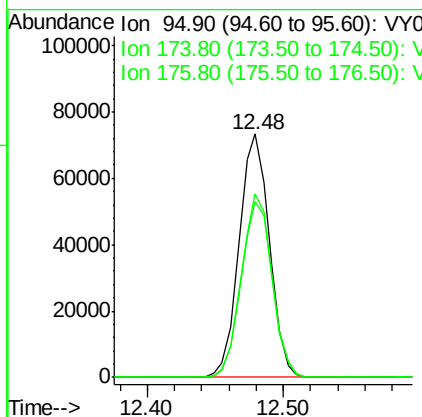
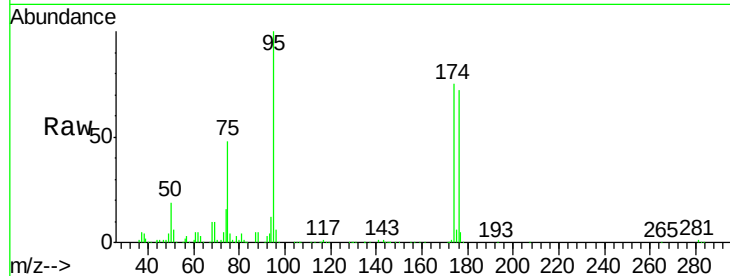




#62
4-Bromofluorobenzene
Concen: 41.757 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

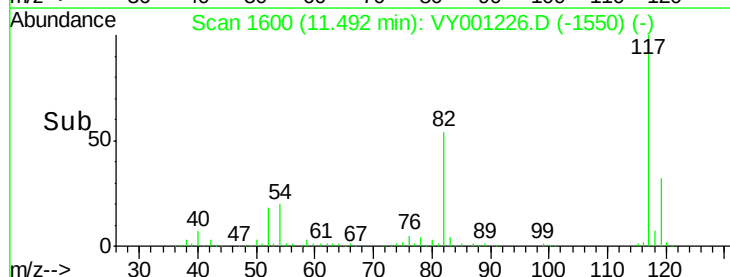
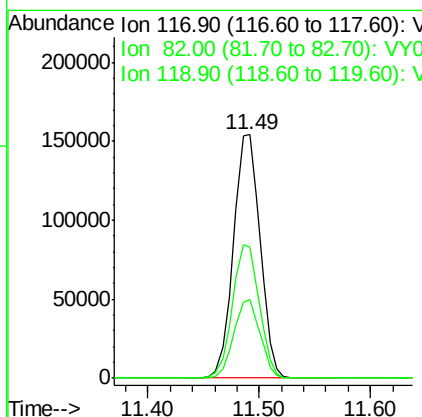
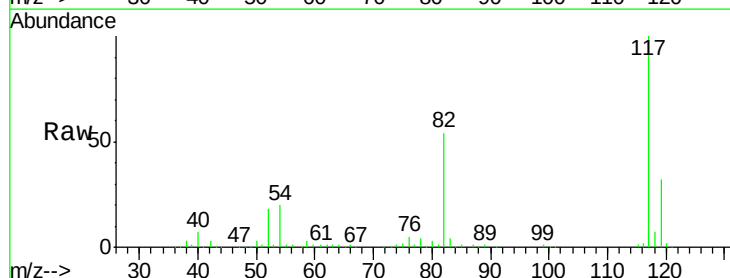
Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-102-2-2.5

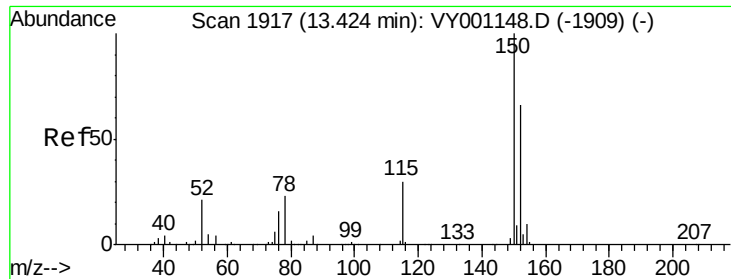
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	143.2
176	74.3	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.9	67.3
119	32.1	25.7	38.5



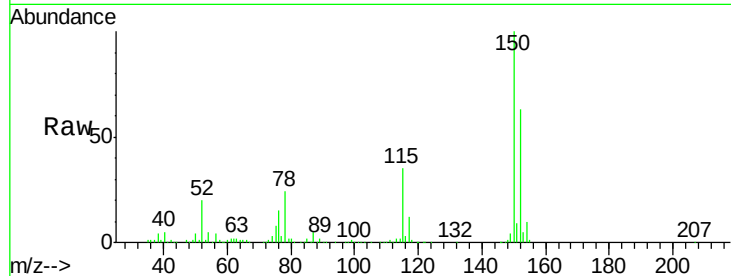


#72

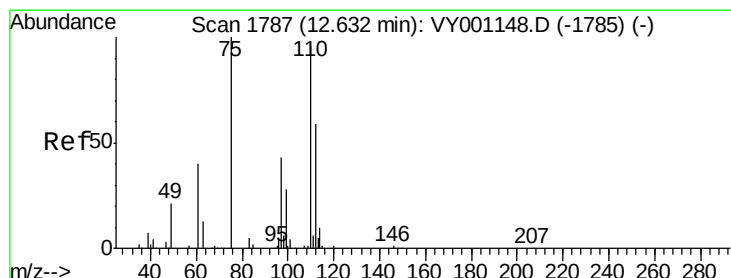
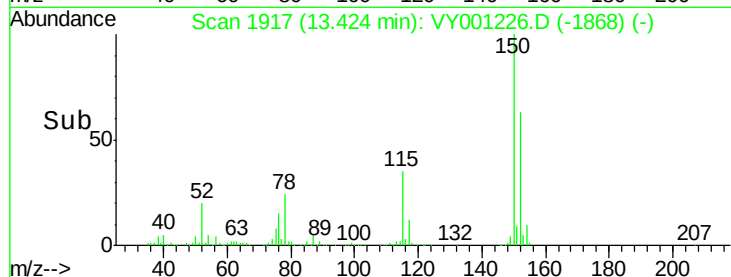
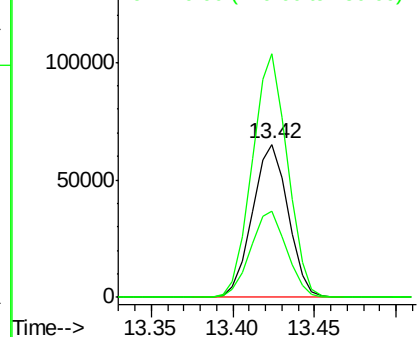
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-102-2-2.5

Tgt Ion:152 Resp: 99381
Ion Ratio Lower Upper
152 100
115 57.2 30.9 92.5
150 157.4 0.0 346.8



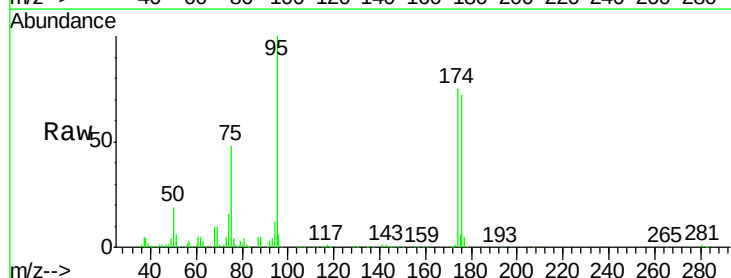
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



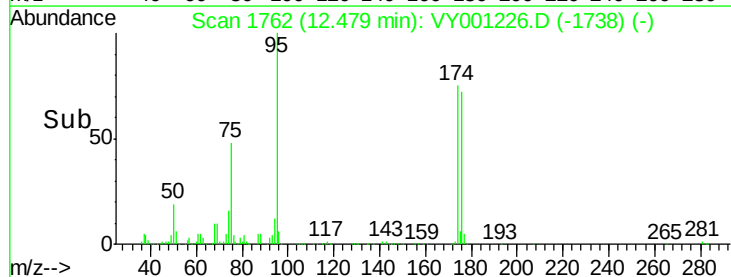
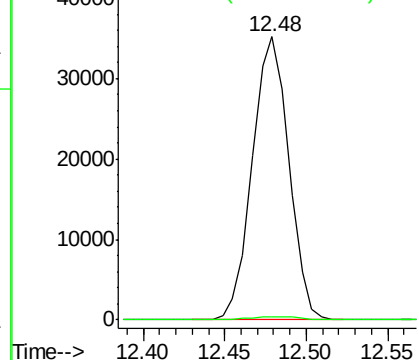
#76

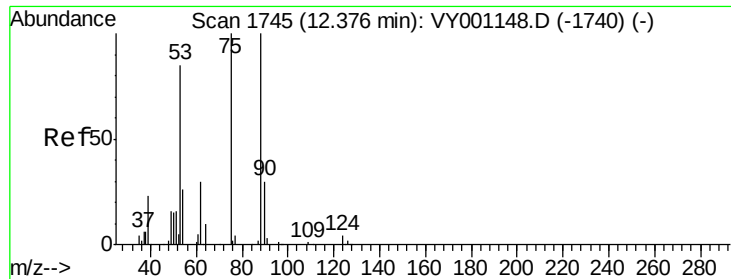
1,2,3-Trichloropropane
Concen: 51.743 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001226.D
Acq: 15 Jan 2020 18:15

Tgt Ion: 75 Resp: 55048
Ion Ratio Lower Upper
75 100
77 1.4 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: 87.744 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001226.D

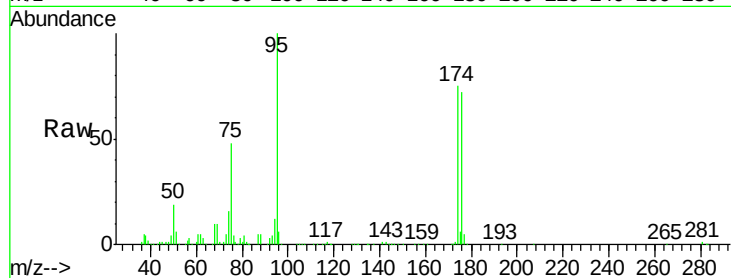
Acq: 15 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-102-2-2.5



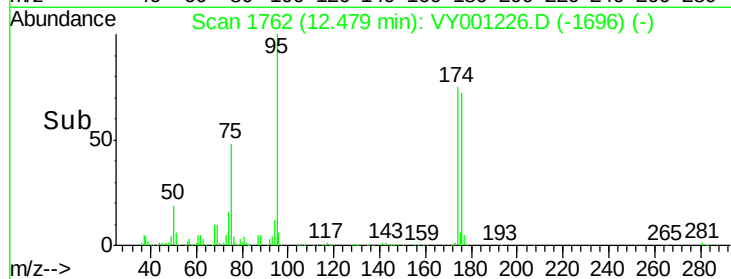
Tgt Ion: 75 Resp: 55048

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.1 0.0 0.0#



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

