

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002679.D
 Acq On : 13 May 2020 13:10
 Operator : SY/MD
 Sample : L2604-01
 Misc : 5.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:54:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

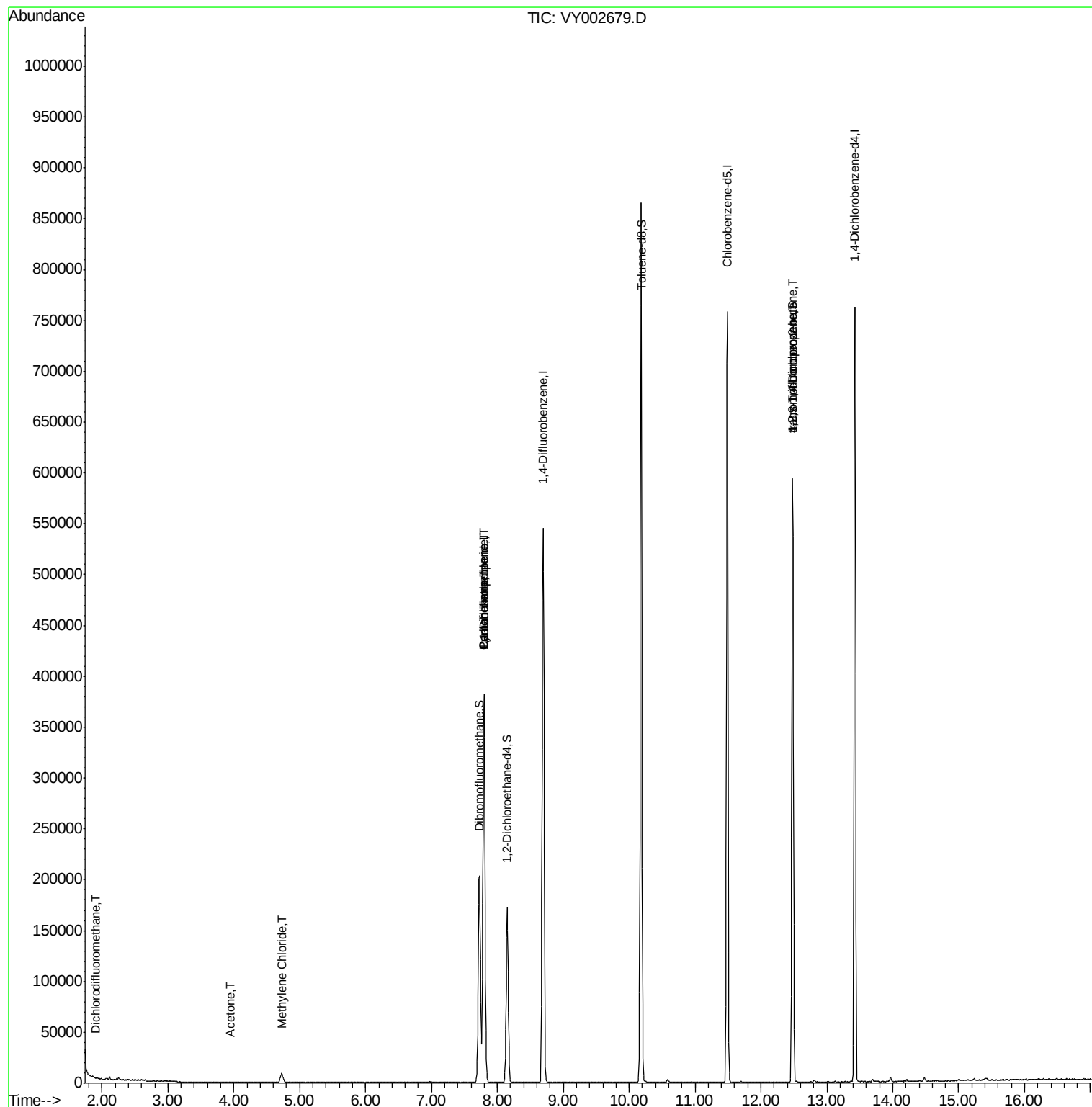
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316039	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	499972	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	439794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209703	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	136227	51.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	7.72	113	146391	51.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.18	98	579211	51.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.48	95	182953	48.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	60	1.807	ug/l #	43
16) Acetone	3.96	43	847	1.544	ug/l #	73
20) Methylene Chloride	4.72	84	7036	2.294	ug/l	94
31) Cyclohexane	7.79	56	5007	1.048	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	19659	4.690	ug/l #	49
38) Carbon Tetrachloride	7.80	117	28015	6.122	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	87517	46.962	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87517	94.168	ug/l #	15

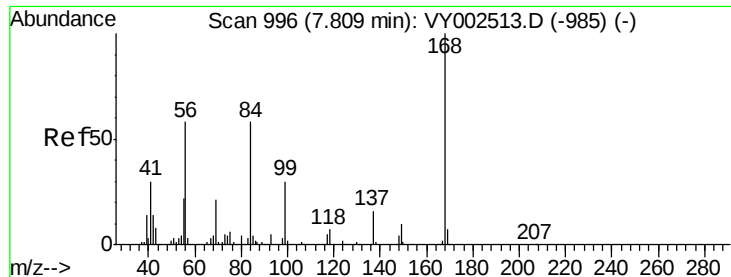
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
Data File : VY002679.D
Acq On : 13 May 2020 13:10
Operator : SY/MD
Sample : L2604-01
Misc : 5.29G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 14 02:54:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

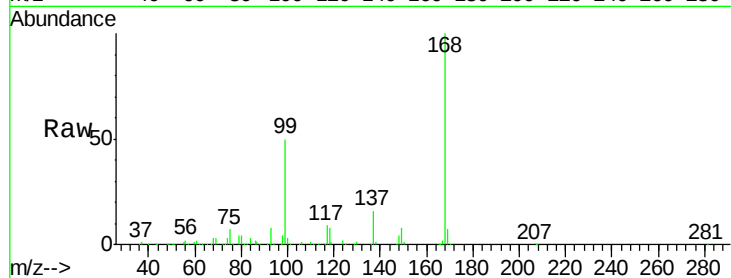
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 316039

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002679.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002679.D (-947) (-)

7.80

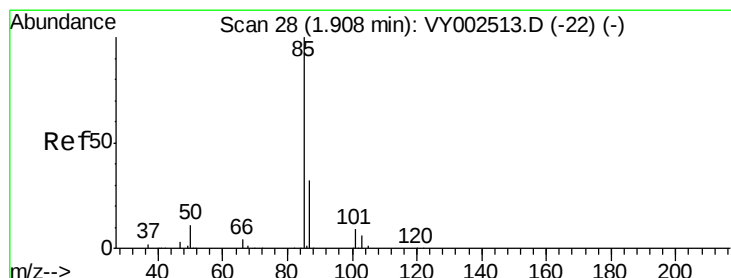
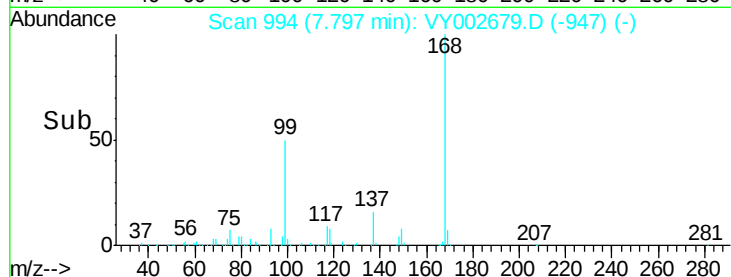
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.807 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002679.D

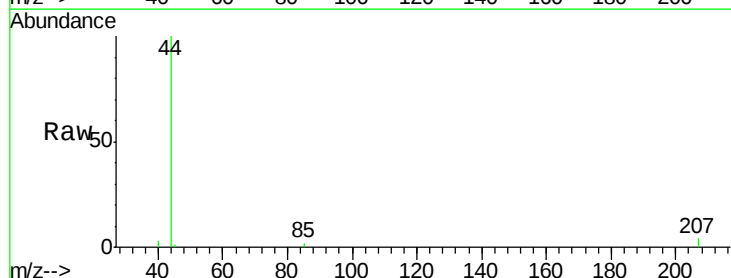
Acq: 13 May 2020 13:10

Tgt Ion: 85 Resp: 60

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002679.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002679.D (-1) (-)

1.91

100

80

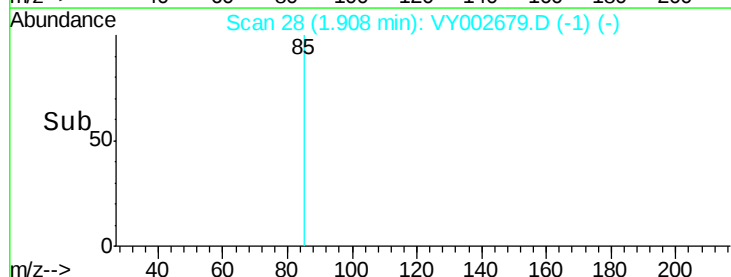
60

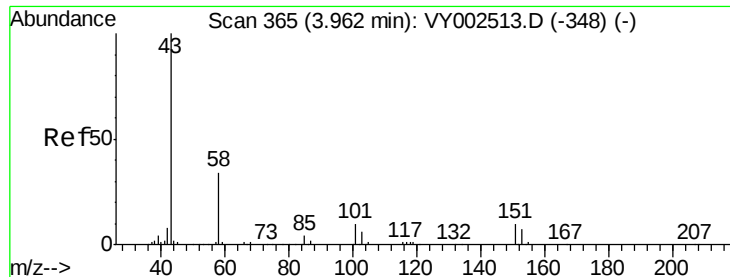
40

20

0

Time-->





#16

Acetone

Concen: 1.544 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Instrument :

MSVOA_Y

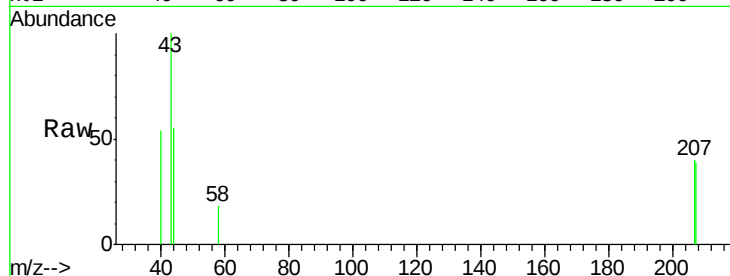
ClientSampleId :

Tot Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

58 18.2 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

400

300

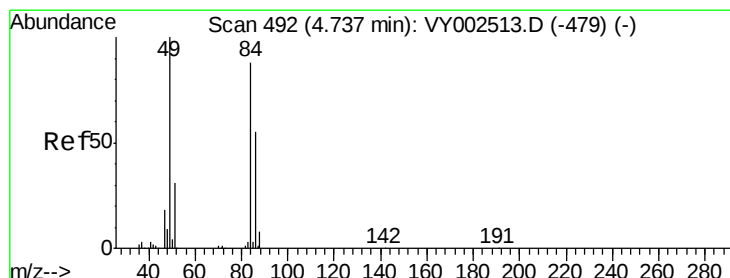
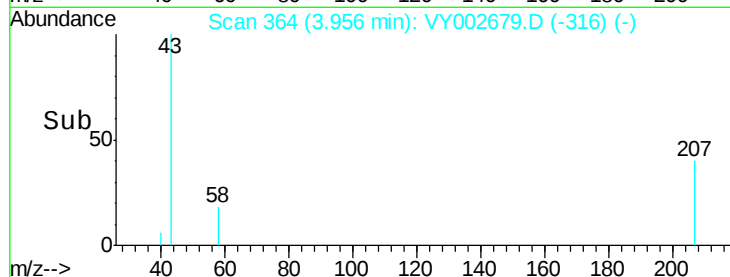
200

100

0

3.90 3.95 4.00

Time-->



#20

Methylene Chloride

Concen: 2.294 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Tgt Ion: 84 Resp: 7036

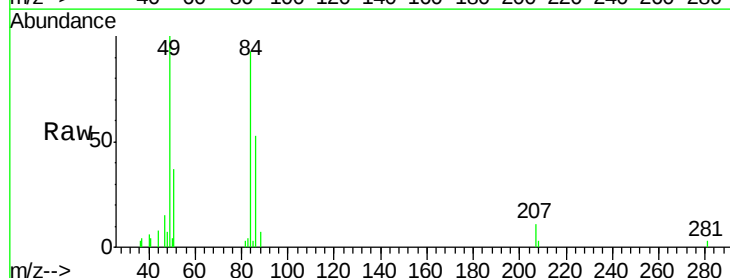
Ion Ratio Lower Upper

84 100

49 107.7 90.5 135.7

51 40.0 28.3 42.5

86 57.0 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY002513.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002513.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002513.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002513.D (-479) (-)

4000

3000

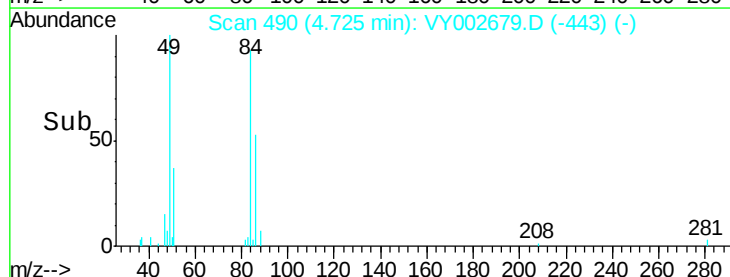
2000

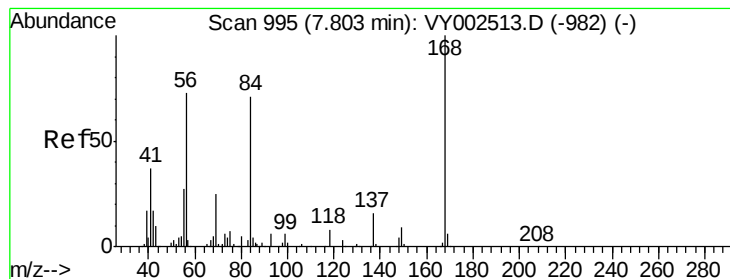
1000

0

4.60 4.65 4.70 4.75 4.80

Time-->





#31

Cyclohexane

Concen: 1.048 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Instrument :
MSVOA_Y
ClientSampleId :

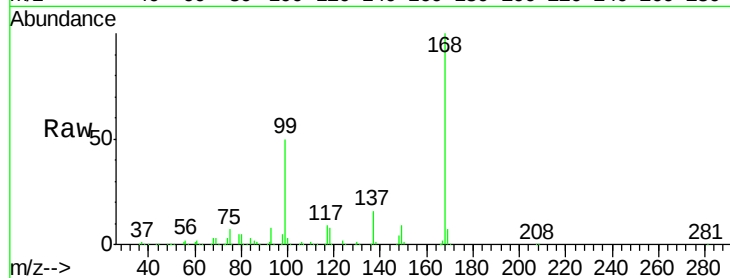
Tot Ion: 56 Resp: 5007

Ion Ratio Lower Upper

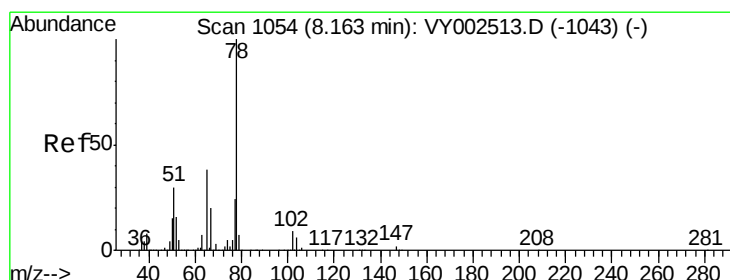
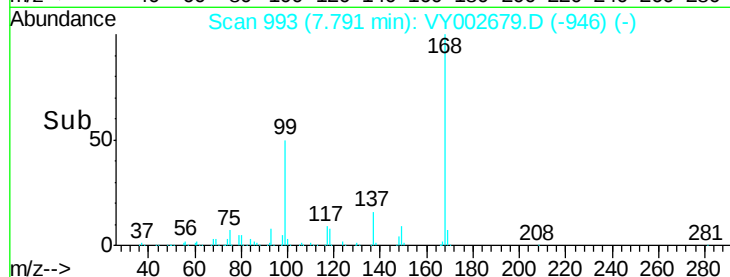
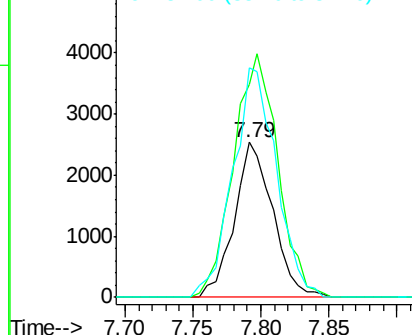
56 100

69 137.0 27.6 41.4#

84 147.7 77.7 116.5#



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: 51.265 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.02 min

Lab File: VY002679.D

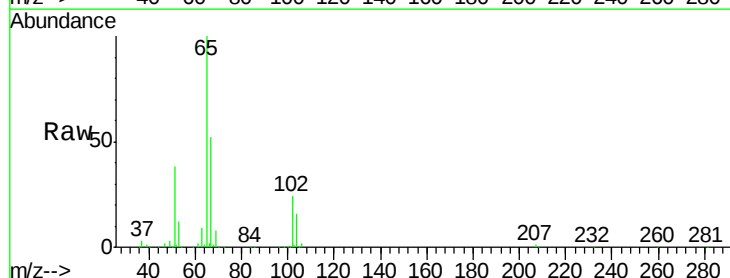
Acq: 13 May 2020 13:10

Tgt Ion: 65 Resp: 136227

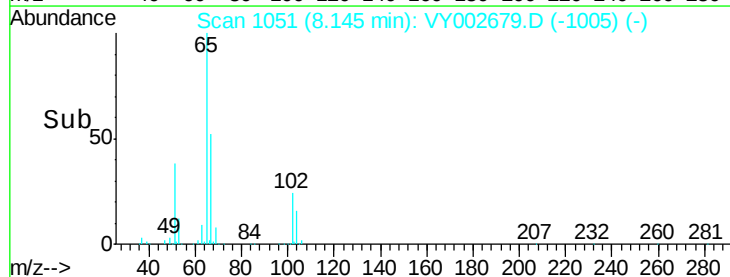
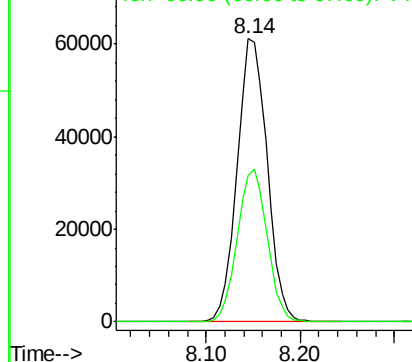
Ion Ratio Lower Upper

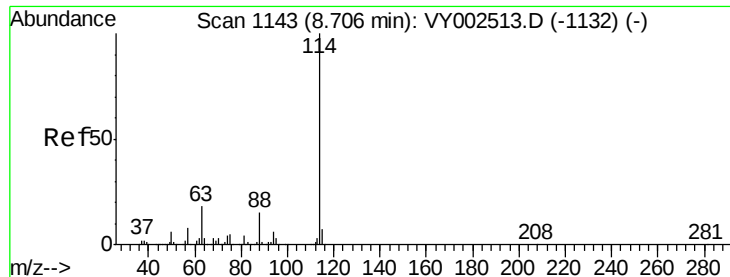
65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

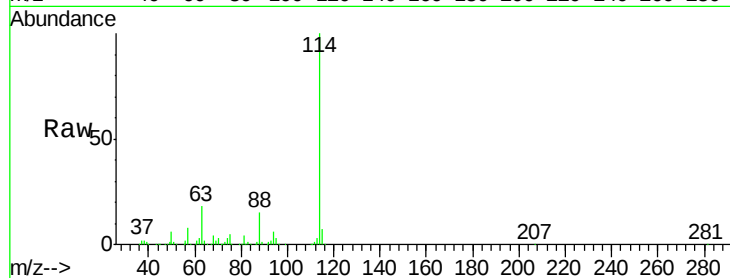




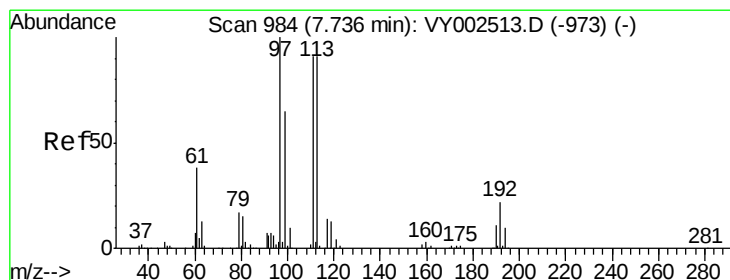
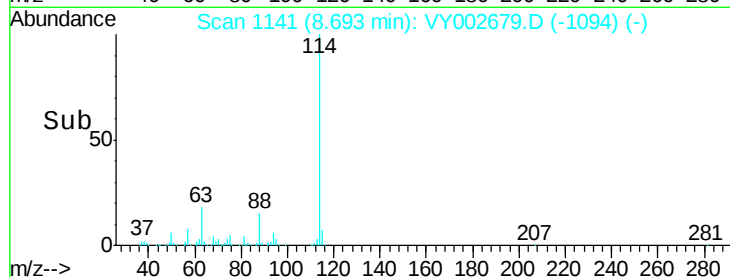
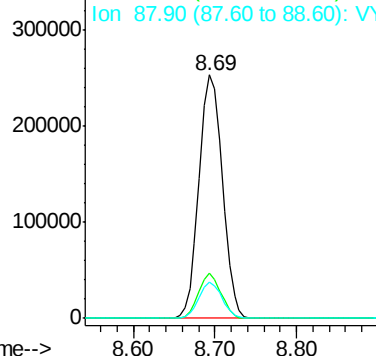
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002679.D
 Acq: 13 May 2020 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 499972
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.4
 88 14.8 0.0 29.6

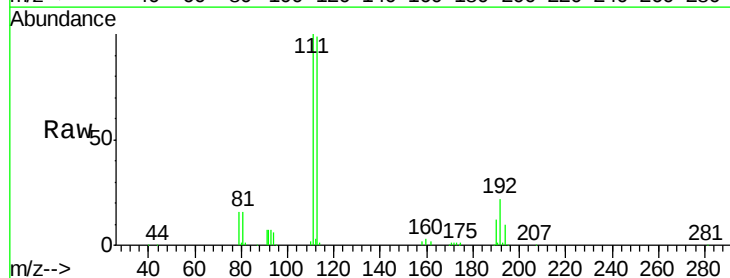


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

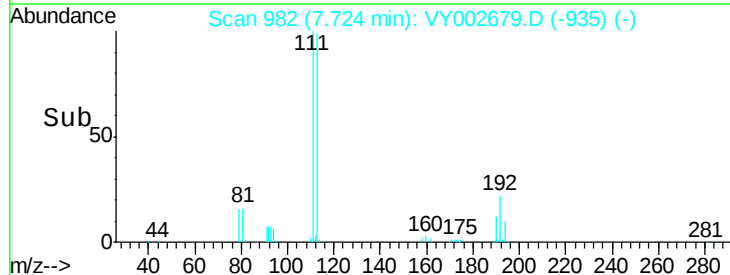
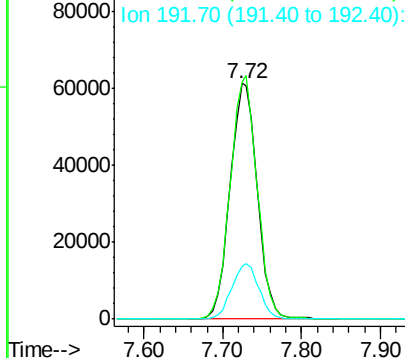


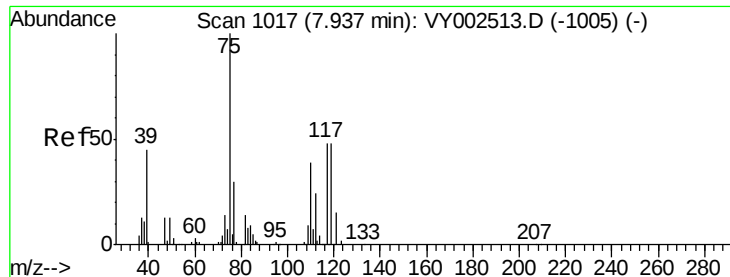
#35
 Dibromofluoromethane
 Concen: 51.197 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002679.D
 Acq: 13 May 2020 13:10

Tgt Ion:113 Resp: 146391
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 23.5 18.2 27.4



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

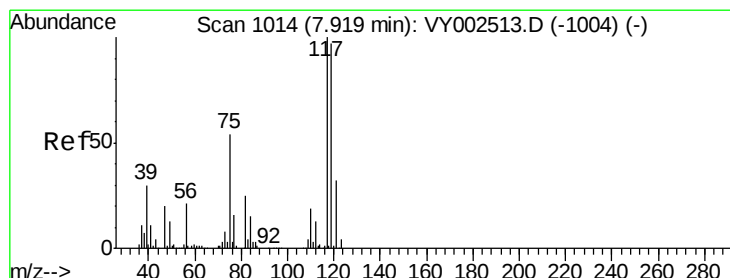
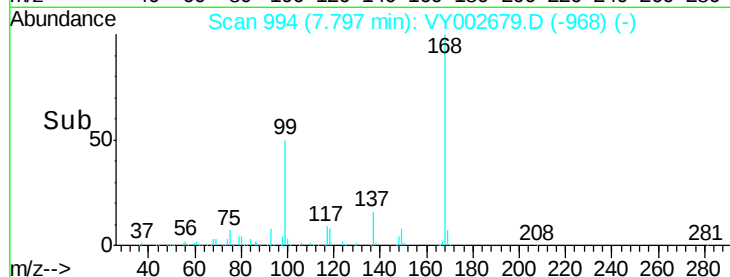
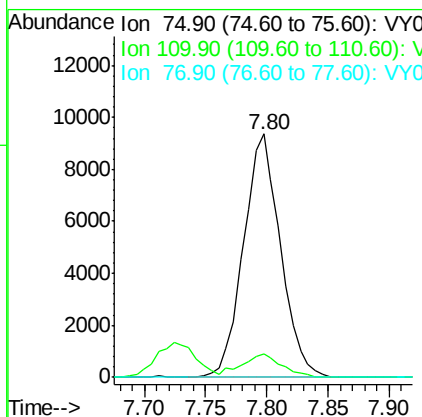
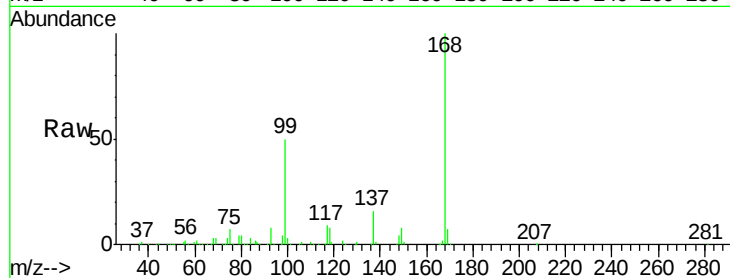




#36
 1,1-Dichloropropene
 Concen: 4.690 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002679.D
 Acq: 13 May 2020 13:10

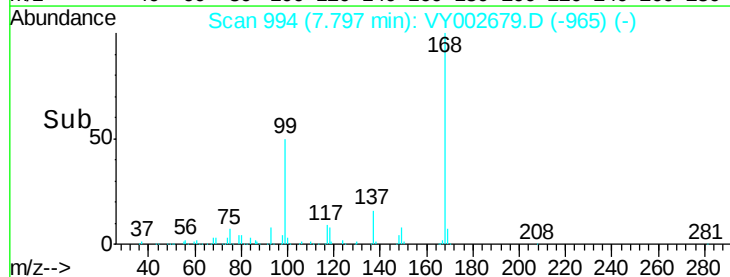
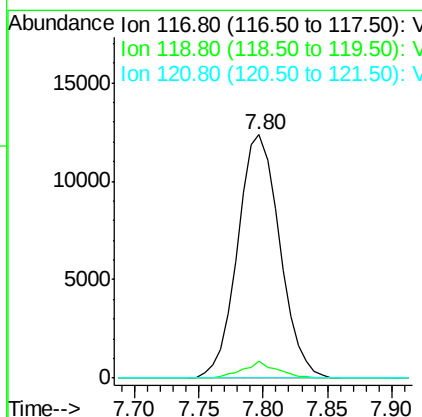
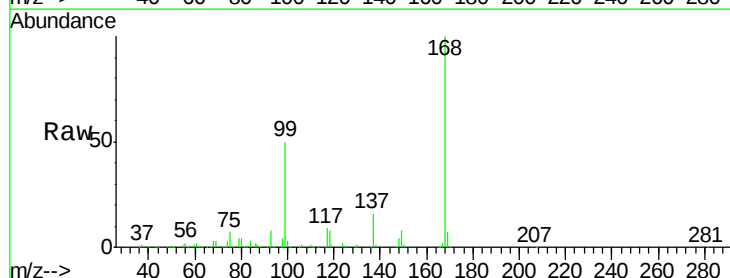
Instrument :
 MSVOA_Y
 ClientSampleId :

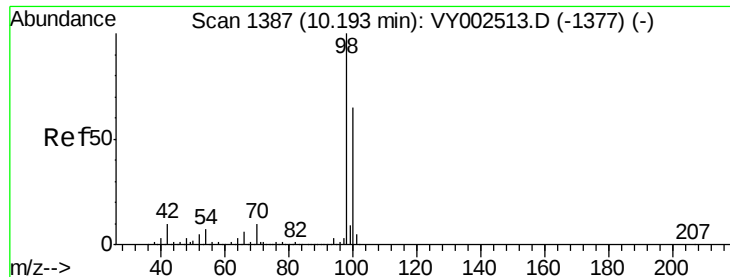
Tot Ion	75	110	77	Resp	19659	Lower	Upper
Ion	Ratio						
75	100						
110	10.4	19.1			57.3#		
77	0.0	24.6			37.0#		



#38
 Carbon Tetrachloride
 Concen: 6.122 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002679.D
 Acq: 13 May 2020 13:10

Tgt Ion	117	119	121	Resp	28015	Lower	Upper
Ion	Ratio						
117	100						
119	6.8	77.1			115.7#		
121	0.0	25.2			37.8#		





#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Instrument :

MSVOA_Y

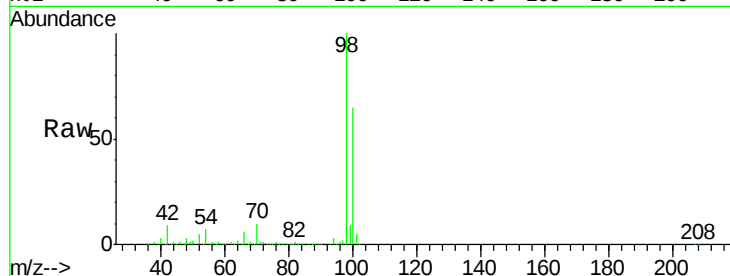
ClientSampleId :

Tot Ion: 98 Resp: 579211

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)

10.18

400000

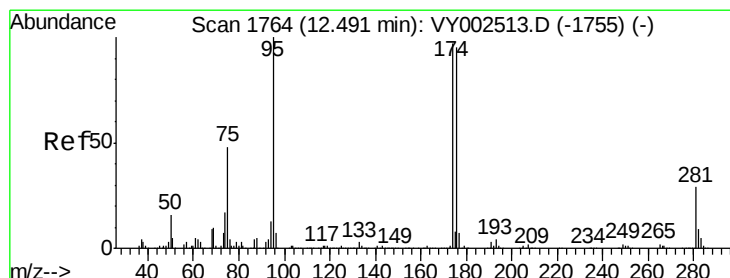
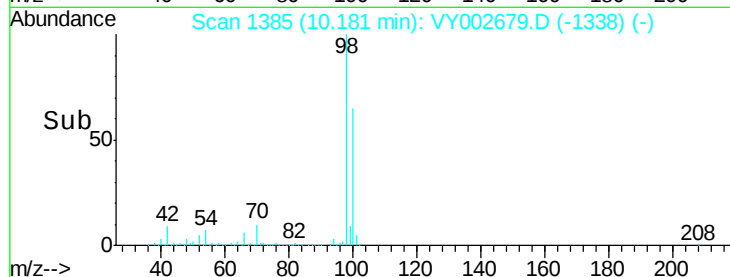
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.286 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

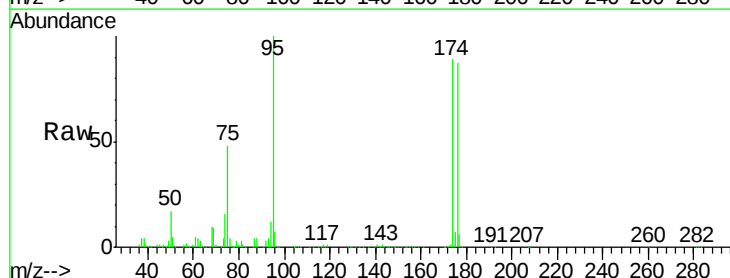
Tgt Ion: 95 Resp: 182953

Ion Ratio Lower Upper

95 100

174 93.5 0.0 188.8

176 90.6 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)

12.48

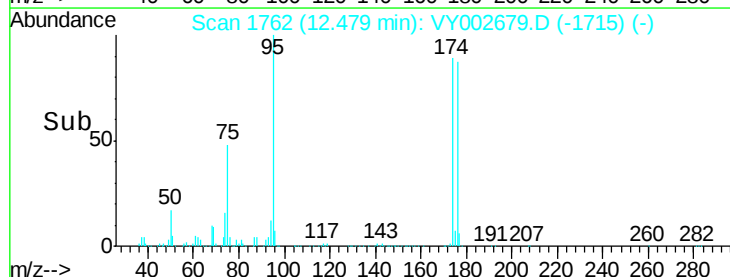
150000

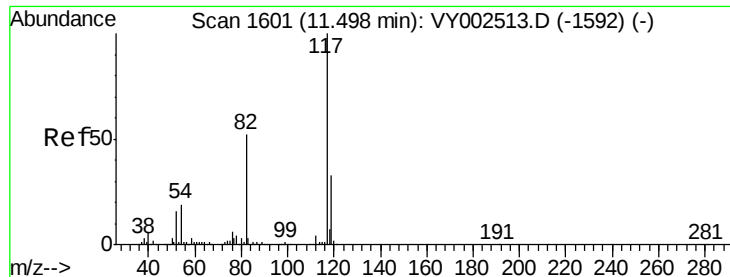
100000

50000

0

Time-->

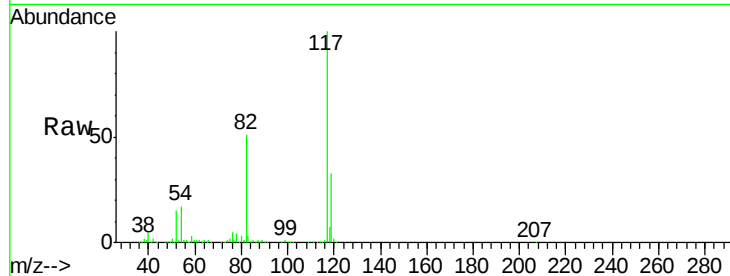




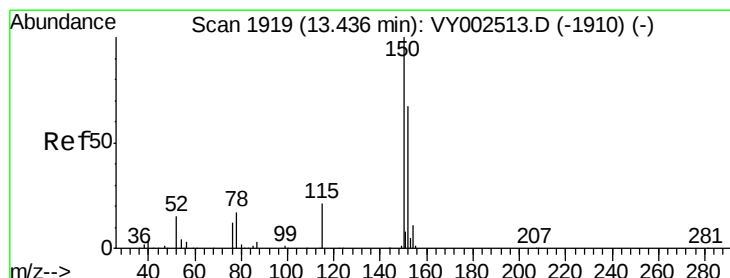
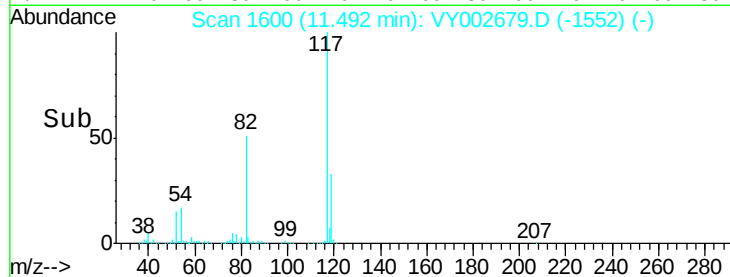
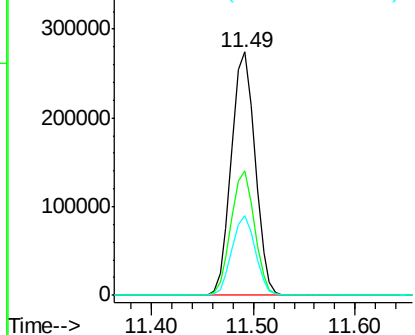
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002679.D
Acq: 13 May 2020 13:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 439794
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 33.0 26.0 39.0

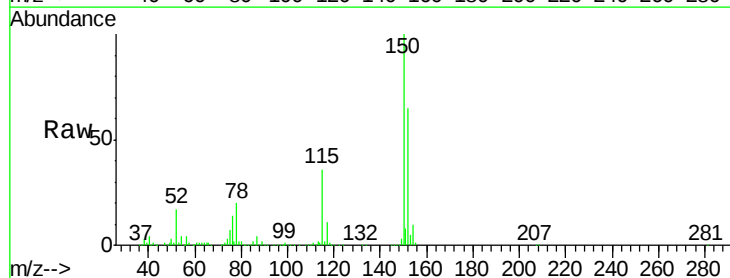


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

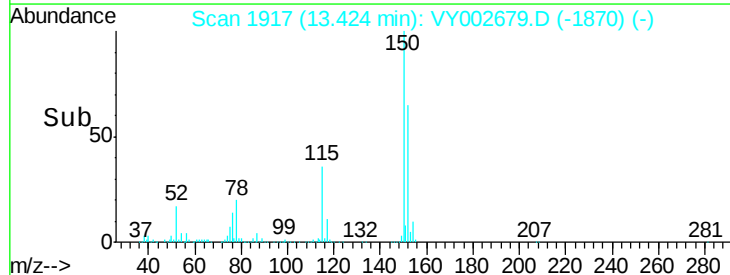
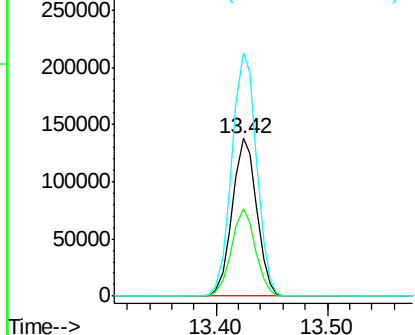


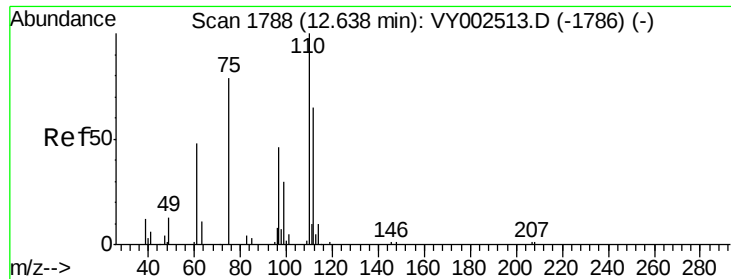
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002679.D
Acq: 13 May 2020 13:10

Tgt Ion:152 Resp: 209703
Ion Ratio Lower Upper
152 100
115 54.2 27.5 82.4
150 156.9 0.0 346.4



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: 46.962 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Instrument :

MSVOA_Y

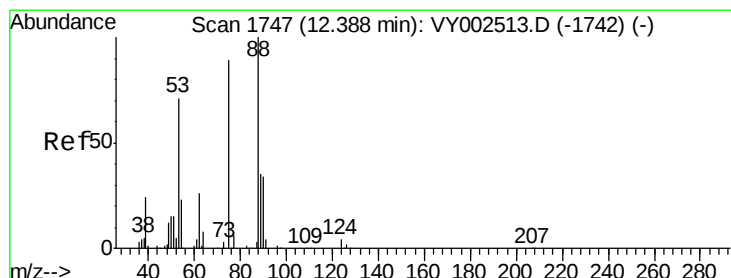
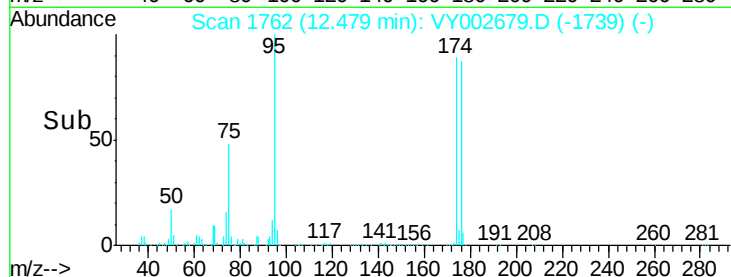
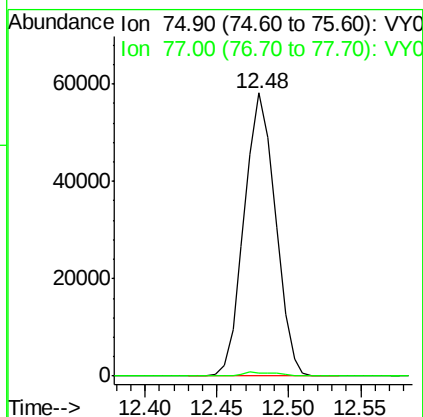
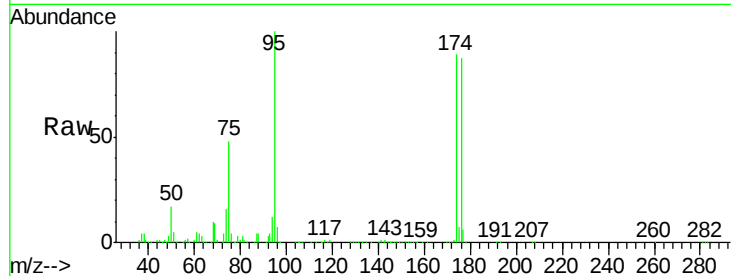
ClientSampleId :

Tot Ion: 75 Resp: 87517

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.168 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002679.D

Acq: 13 May 2020 13:10

Tgt Ion: 75 Resp: 87517

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#

