

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001075.D
 Acq On : 26 Dec 2019 16:20
 Operator : SY/MD
 Sample : K6431-11MSD
 Misc : 5.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Dec 27 02:11:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

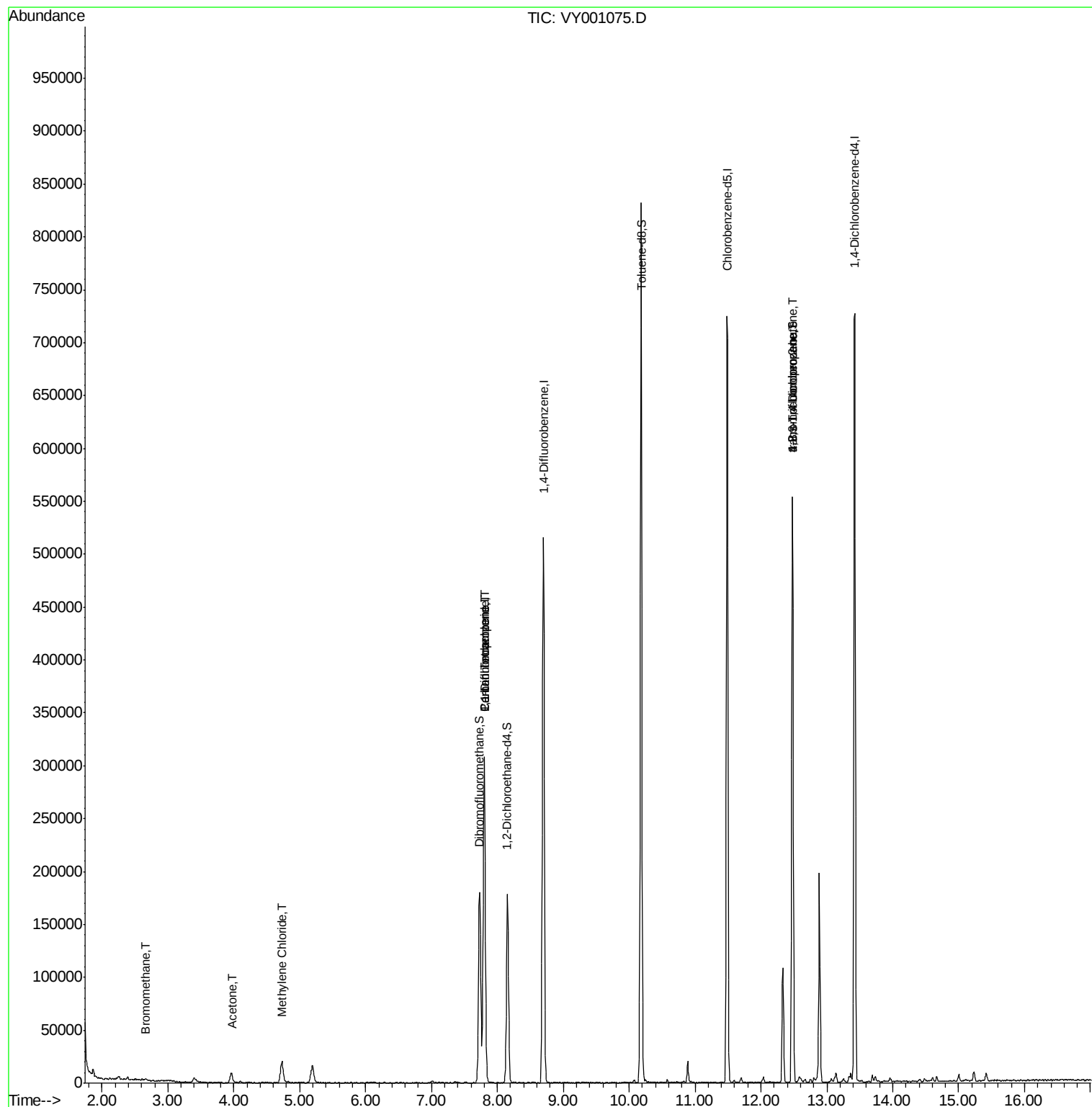
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	458109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131892	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.73	113	131842	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.18	98	542452	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.48	95	178791	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
Target Compounds						
5) Bromomethane	2.66	94	691	1.085	ug/l	91
16) Acetone	3.97	43	16020	28.475	ug/l	89
20) Methylene Chloride	4.72	84	15566	4.701	ug/l #	86
36) 1,1-Dichloropropene	7.80	75	18386	4.207	ug/l #	48
38) Carbon Tetrachloride	7.80	117	24214	6.324	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	87171	38.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87171	82.126	ug/l #	19

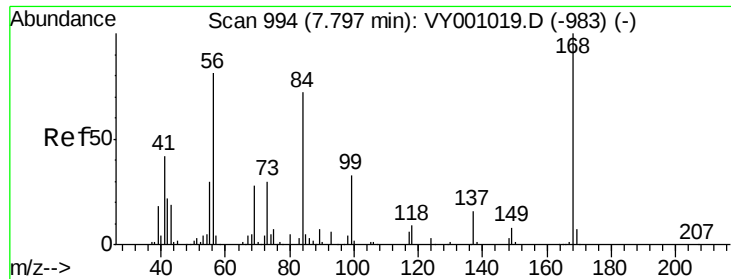
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
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: VY001075.D

Acq: 26 Dec 2019 16:20

Instrument :

MSVOA_Y

ClientSampleId :

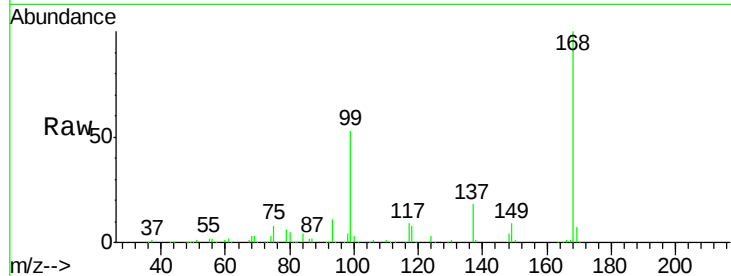
SB-1-(0-2)

Tgt Ion:168 Resp: 247611

Ion Ratio Lower Upper

168 100

99 52.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

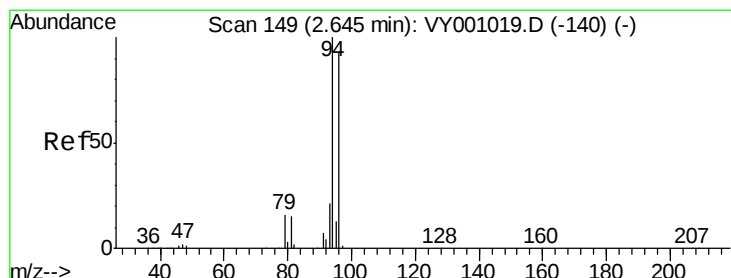
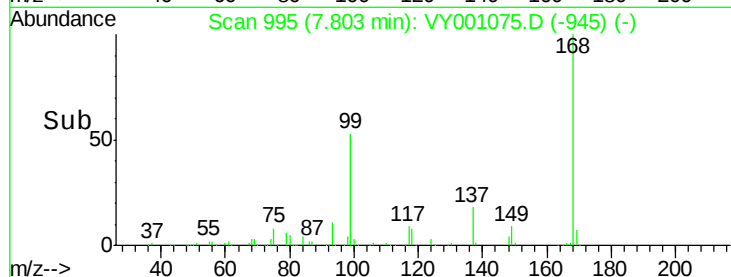
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 1.085 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY001075.D

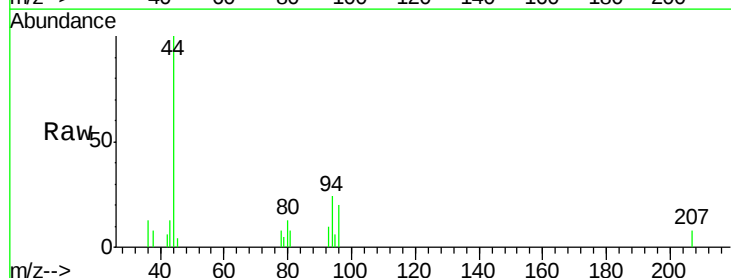
Acq: 26 Dec 2019 16:20

Tgt Ion: 94 Resp: 691

Ion Ratio Lower Upper

94 100

96 84.0 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VY001019.D (-140) (-)

2.66

500

400

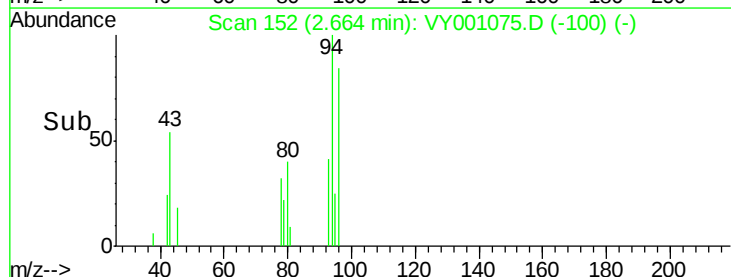
300

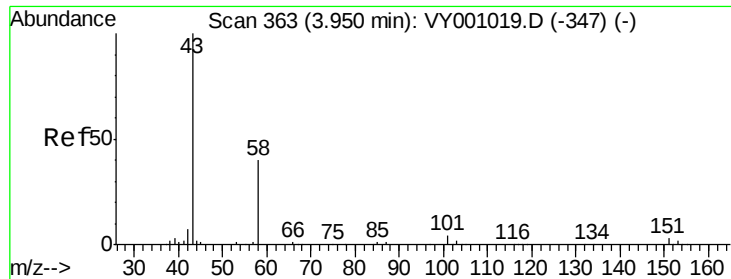
200

100

0

Time-->





#16

Acetone

Concen: 28.475 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

Instrument :

MSVOA_Y

ClientSampleId :

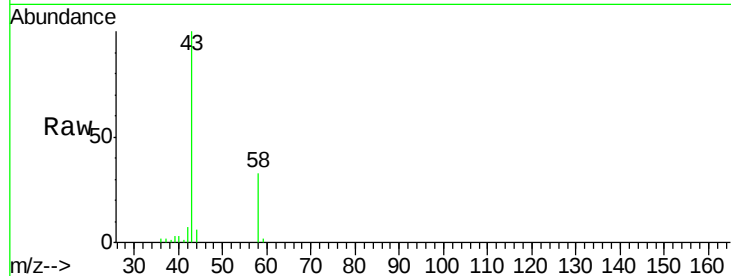
SB-1-(0-2)

Tgt Ion: 43 Resp: 16020

Ion Ratio Lower Upper

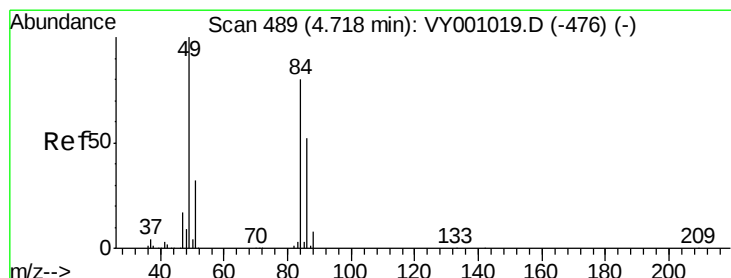
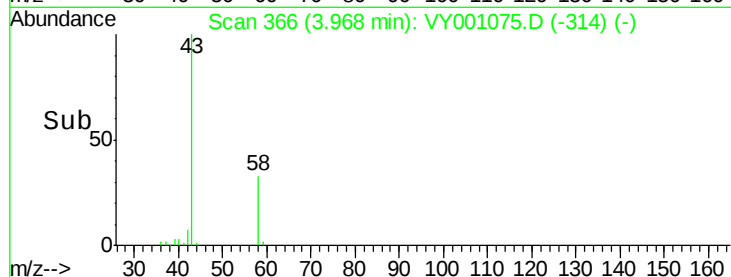
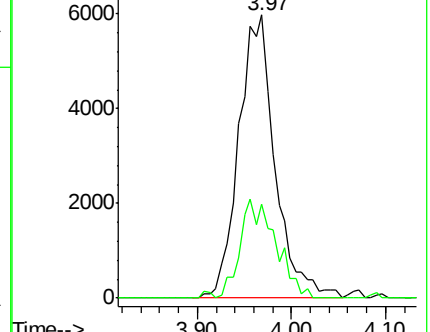
43 100

58 33.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)



#20

Methylene Chloride

Concen: 4.701 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

Tgt Ion: 84 Resp: 15566

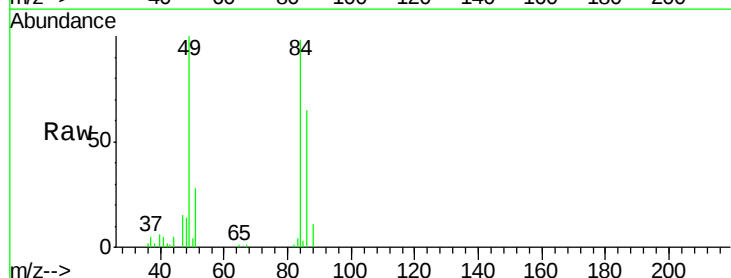
Ion Ratio Lower Upper

84 100

49 102.0 99.8 149.6

51 29.0 31.4 47.2#

86 66.6 52.2 78.2

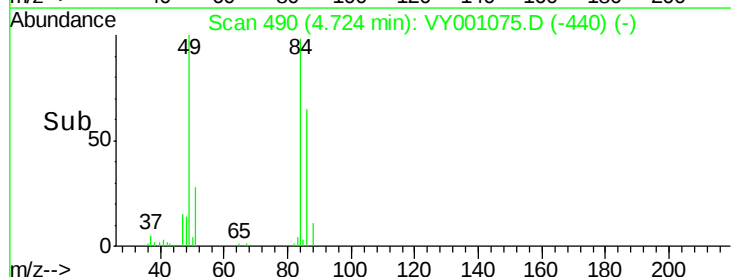
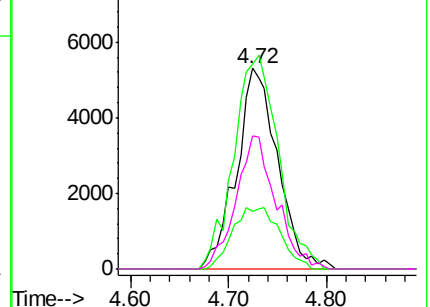


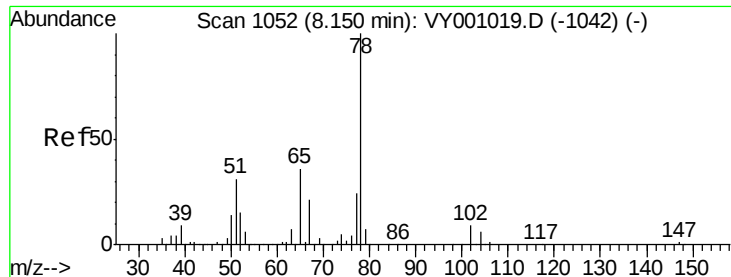
Abundance Ion 83.90 (83.60 to 84.60): VY001019.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY001019.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY001019.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY001019.D (-476) (-)

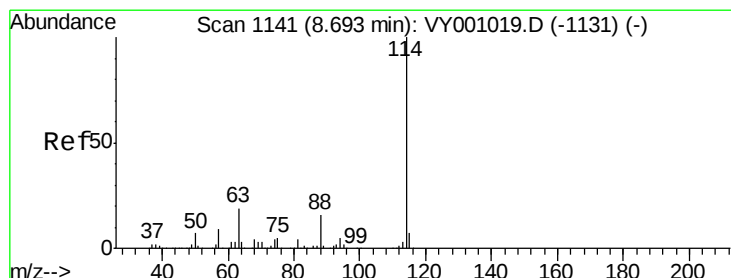
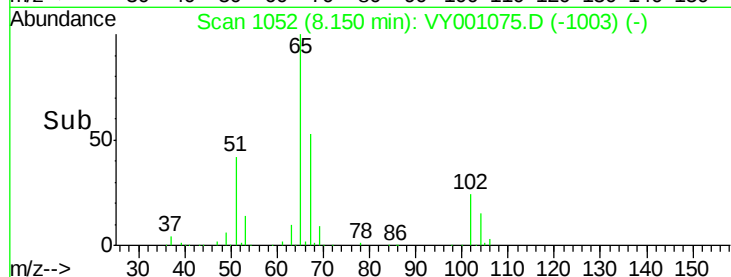
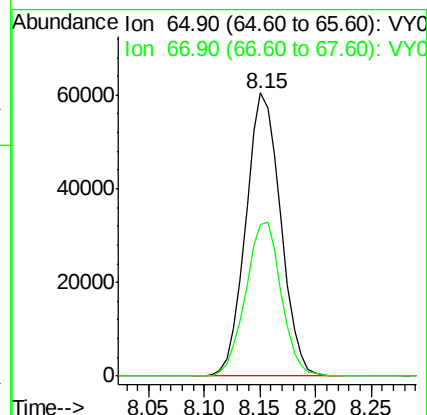
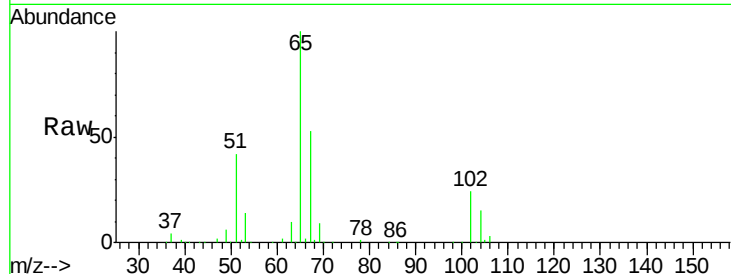




#33
 1,2-Dichloroethane-d4
 Concen: 54.007 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001075.D
 Acq: 26 Dec 2019 16:20

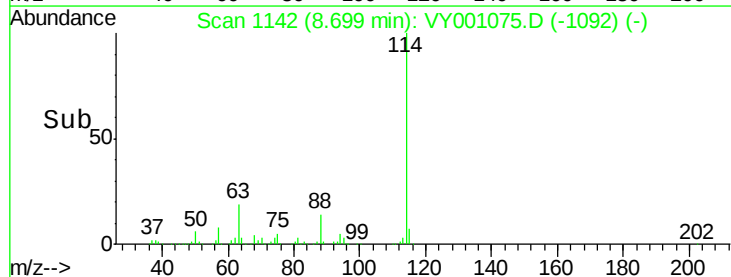
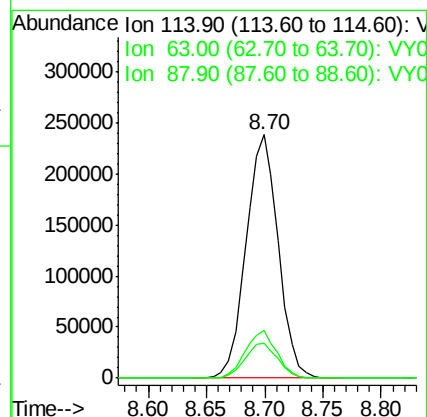
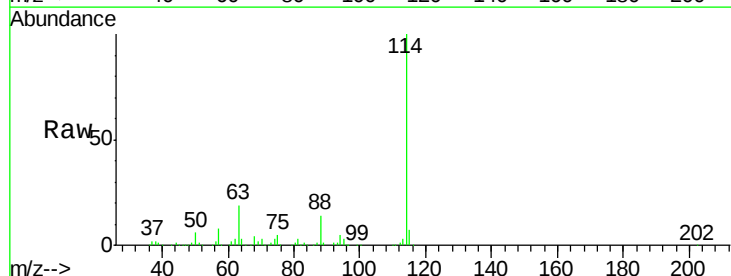
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(0-2)

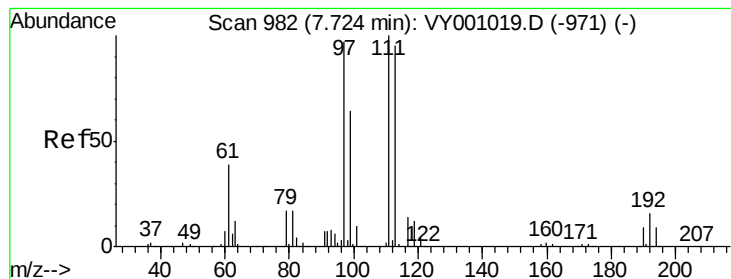
Tgt Ion: 65 Resp: 131892
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001075.D
 Acq: 26 Dec 2019 16:20

Tgt Ion: 114 Resp: 458109
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 14.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.874 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(0-2)

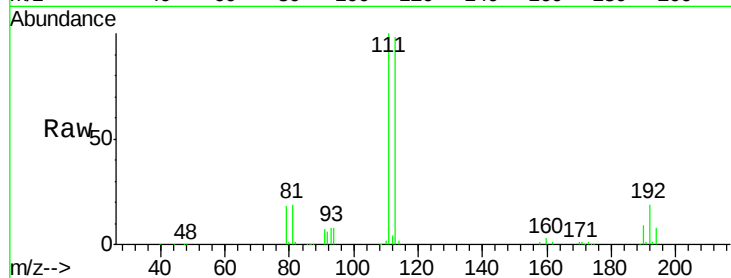
Tgt Ion:113 Resp: 131842

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.4

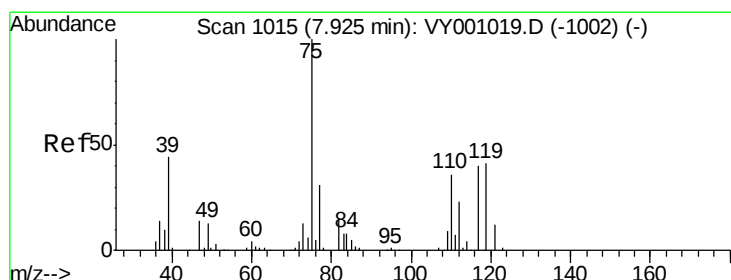
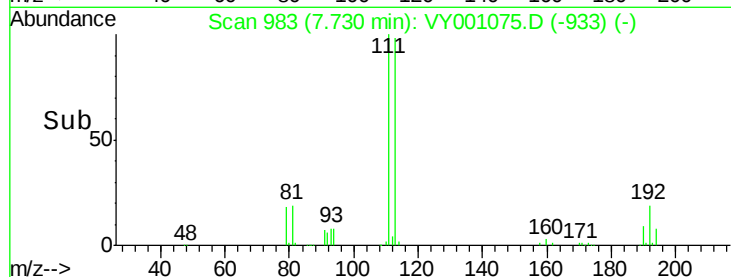
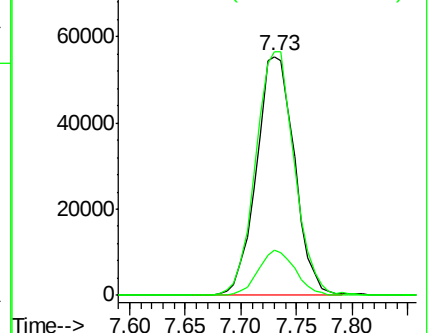
192 18.6 14.6 21.8



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: 4.207 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

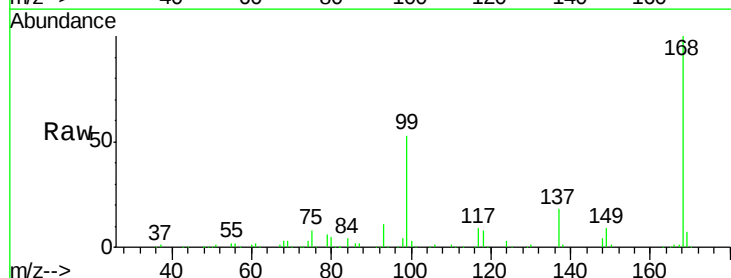
Tgt Ion: 75 Resp: 18386

Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

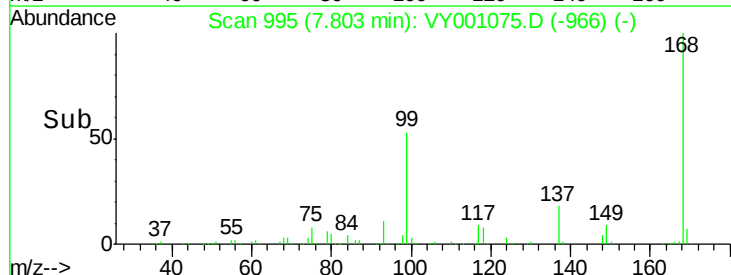
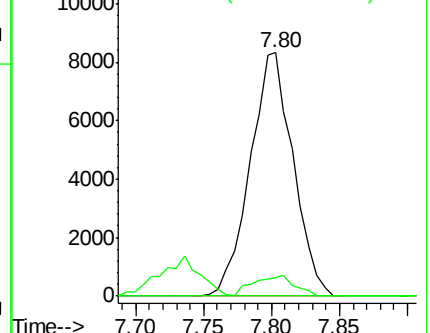
77 0.0 24.6 37.0#

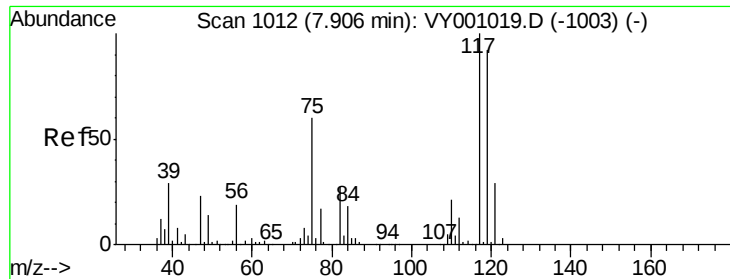


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.324 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(0-2)

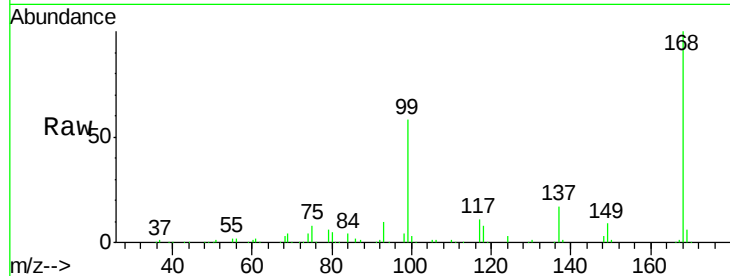
Tgt Ion: 117 Resp: 24214

Ion Ratio Lower Upper

117 100

119 4.1 74.2 111.2#

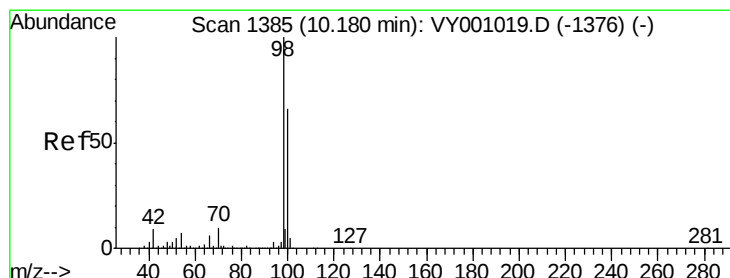
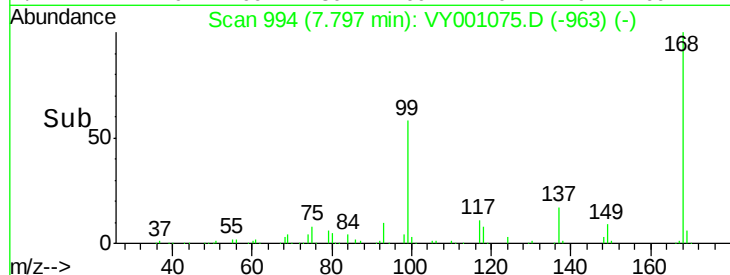
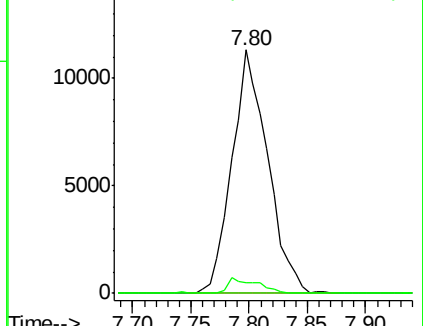
121 0.0 22.9 34.3#



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: 51.455 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001075.D

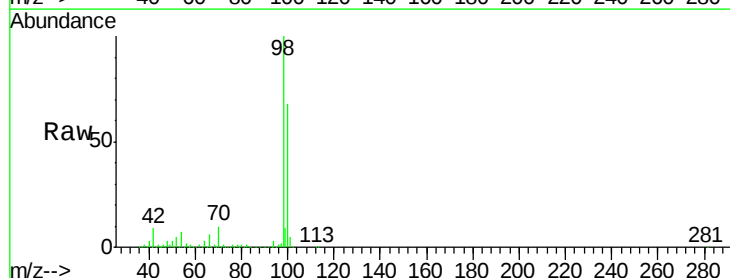
Acq: 26 Dec 2019 16:20

Tgt Ion: 98 Resp: 542452

Ion Ratio Lower Upper

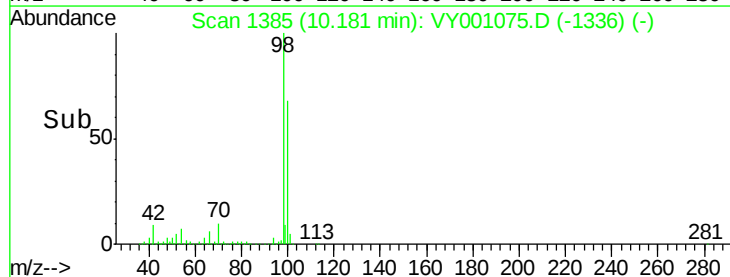
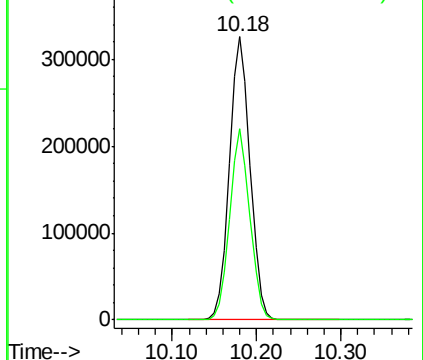
98 100

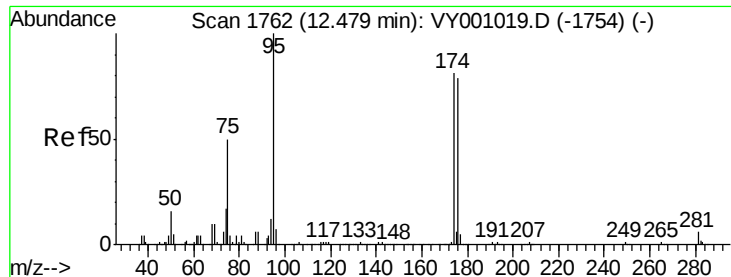
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

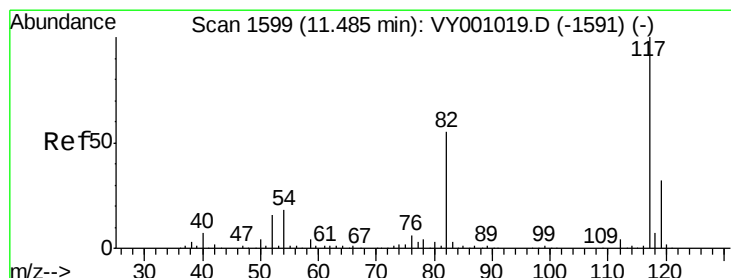
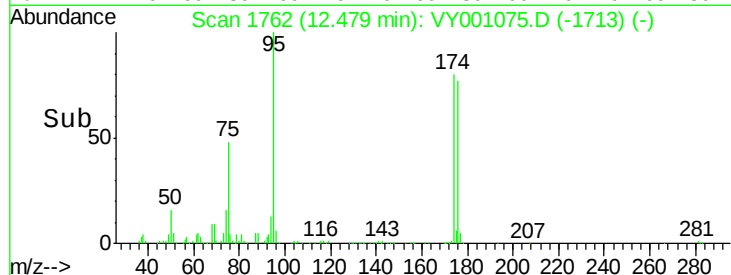
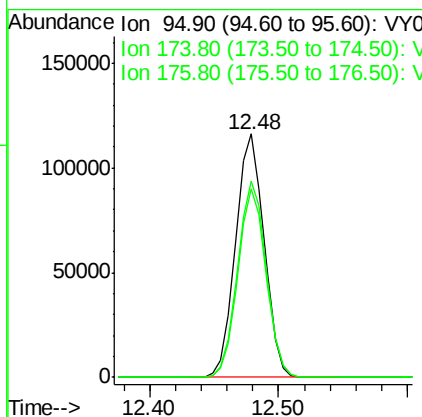
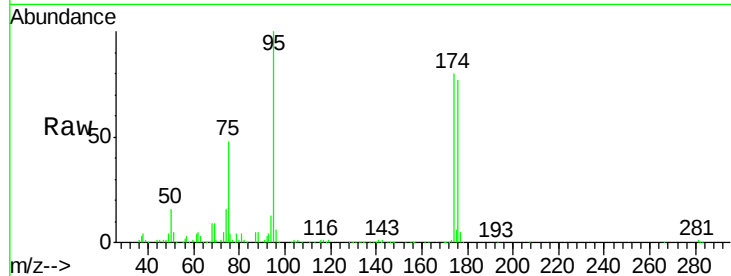




#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001075.D
Acq: 26 Dec 2019 16:20

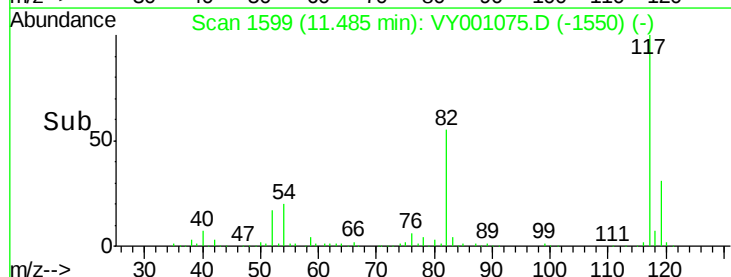
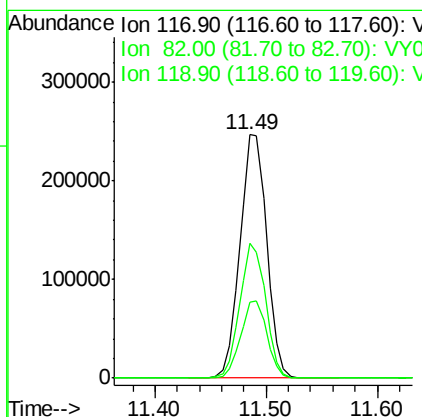
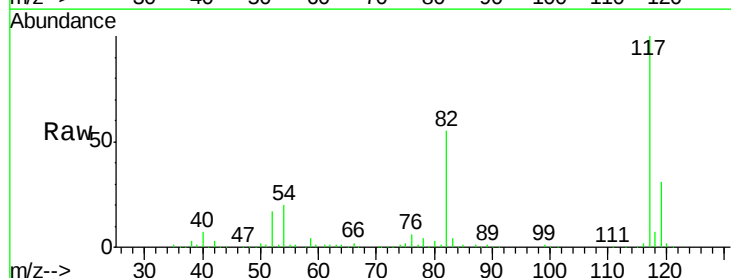
Instrument :
MSVOA_Y
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SB-1-(0-2)

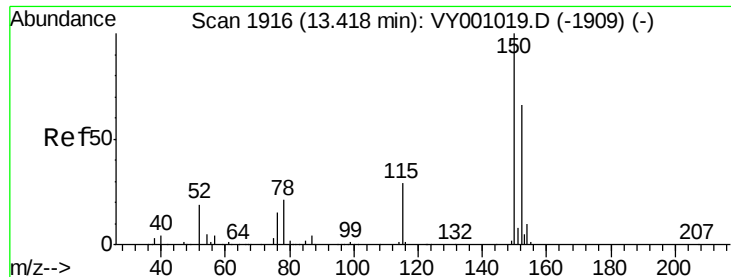
Tgt Ion: 95 Resp: 178791
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.4
176 76.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001075.D
Acq: 26 Dec 2019 16:20

Tgt Ion: 117 Resp: 410279
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(0-2)

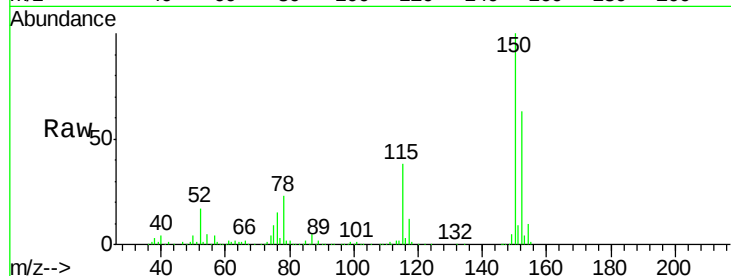
Tgt Ion:152 Resp: 183629

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.3

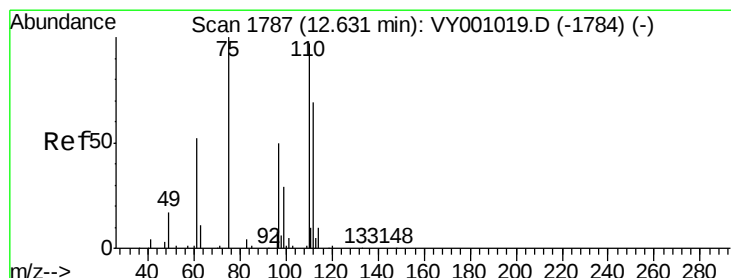
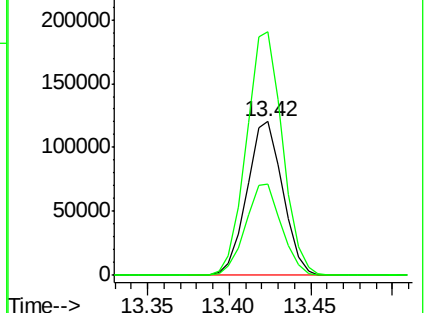
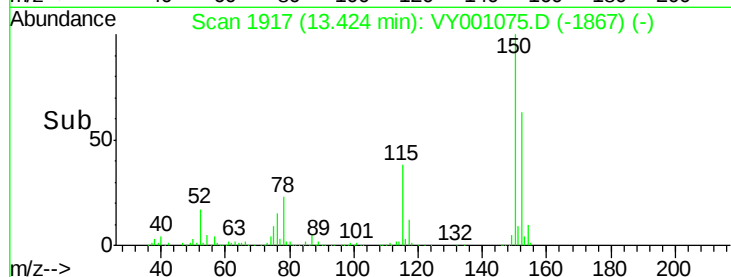
150 159.8 0.0 352.6



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: 38.507 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001075.D

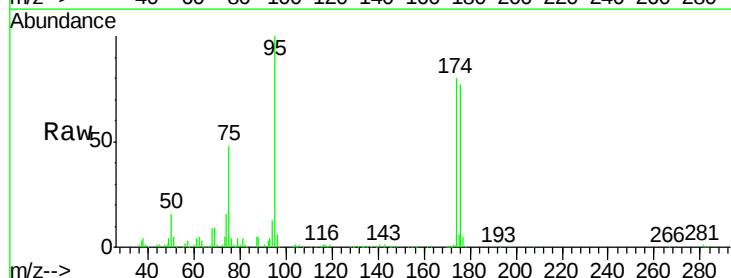
Acq: 26 Dec 2019 16:20

Tgt Ion: 75 Resp: 87171

Ion Ratio Lower Upper

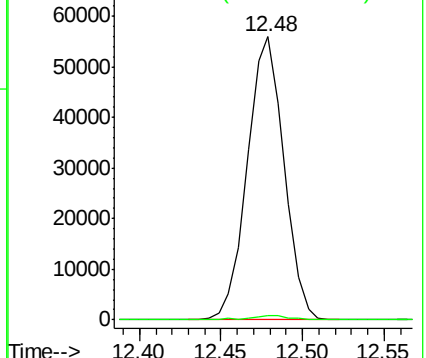
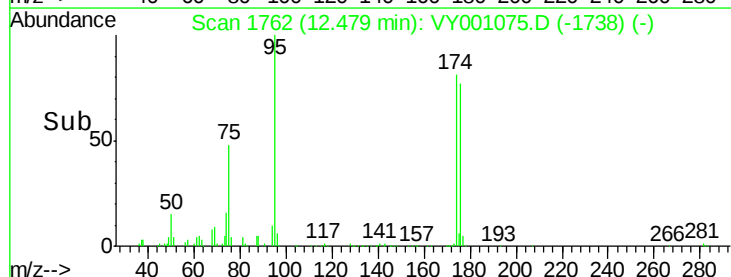
75 100

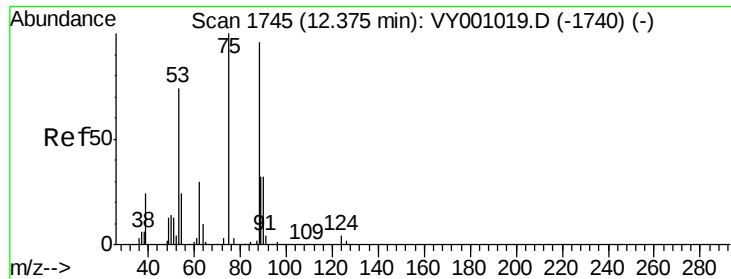
77 1.6 0.0 0.0#



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: 82.126 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001075.D

Acq: 26 Dec 2019 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(0-2)

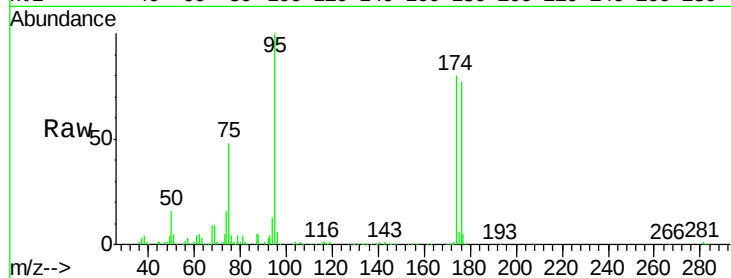
Tgt Ion: 75 Resp: 87171

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.0 35.4 53.0#



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

