

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001627.D
 Acq On : 13 Feb 2020 15:45
 Operator : SY/MD
 Sample : L1528-02
 Misc : 5.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 06:24:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

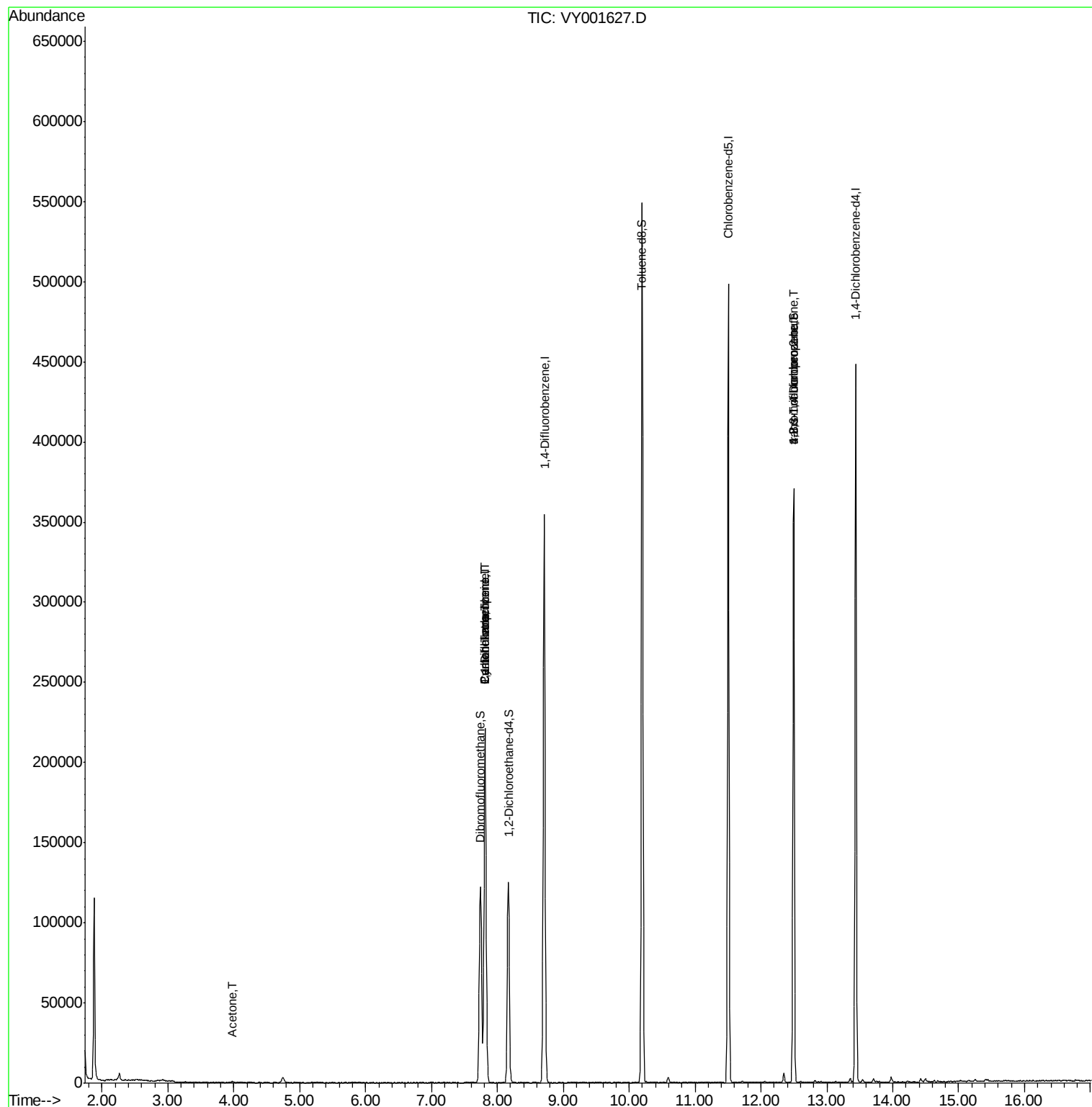
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	172628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	309671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	110744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94354	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
35) Dibromofluoromethane	7.74	113	88031	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.19	98	364652	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
62) 4-Bromofluorobenzene	12.50	95	116999	43.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
16) Acetone	3.97	43	1448	2.880	ug/l	98
20) Methylene Chloride	4.75	84	2188	Below Cal		88
31) Cyclohexane	7.81	56	3772	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	13602	4.801	ug/l #	49
38) Carbon Tetrachloride	7.82	117	17091	6.236	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	60085	50.452	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	60085	97.621	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

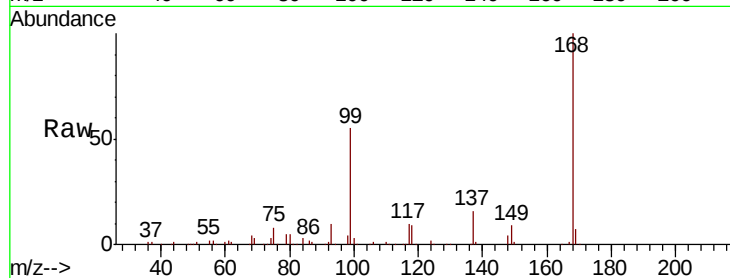
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 172628

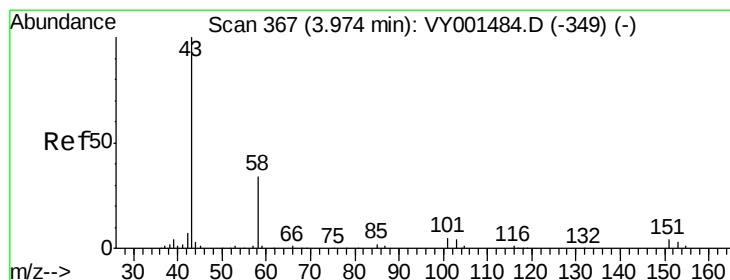
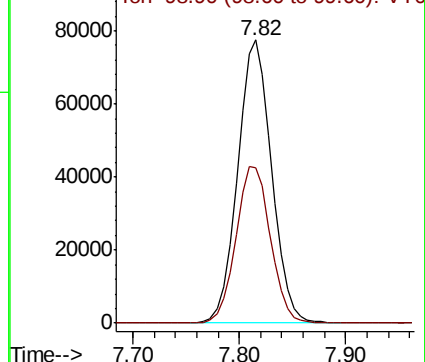
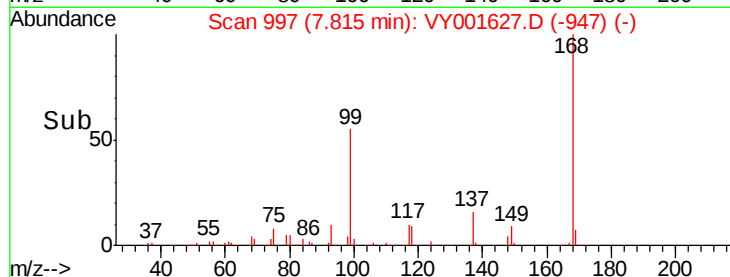
Ion Ratio Lower Upper

168 100

99 54.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001627.D (-947) (-)



#16

Acetone

Concen: 2.880 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001627.D

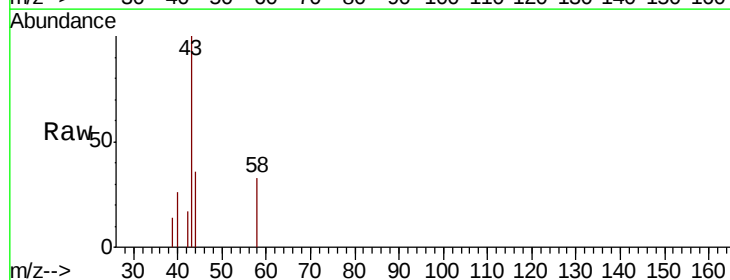
Acq: 13 Feb 2020 15:45

Tgt Ion: 43 Resp: 1448

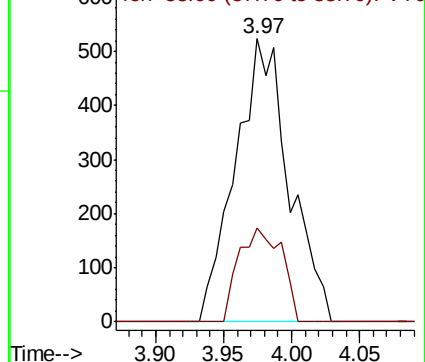
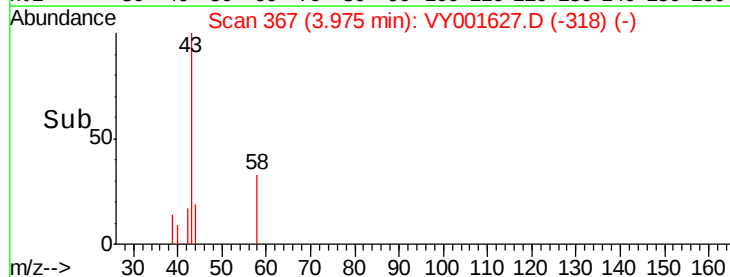
Ion Ratio Lower Upper

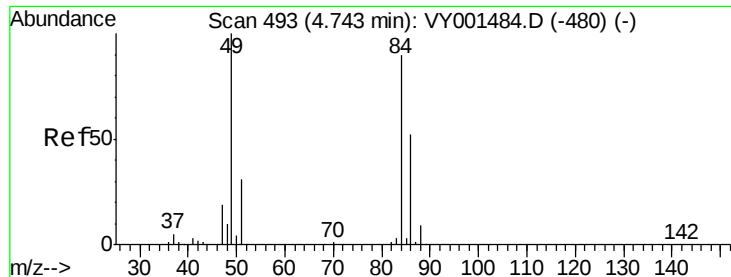
43 100

58 33.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001627.D (-318) (-)

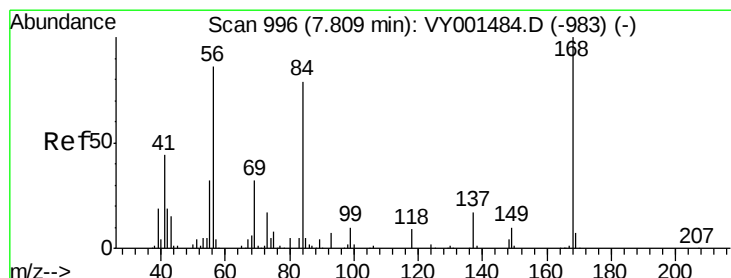
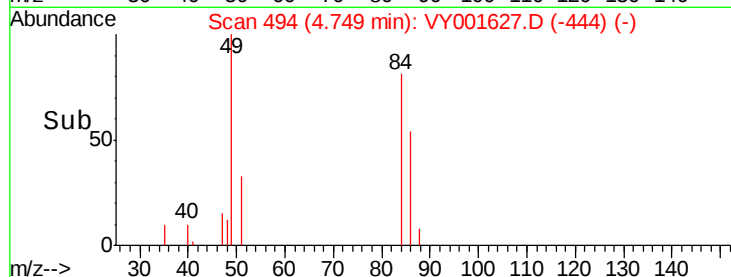
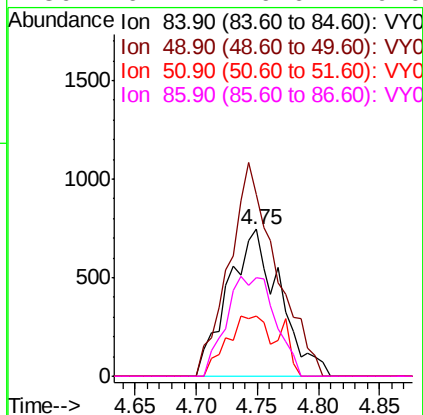
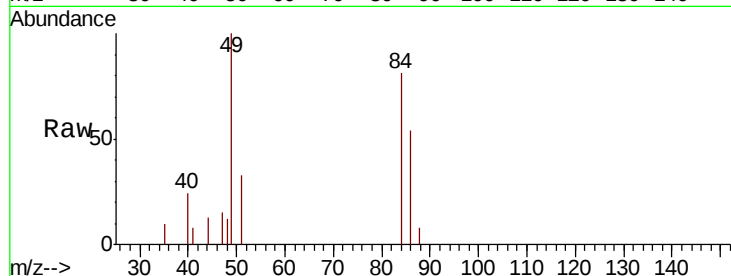




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

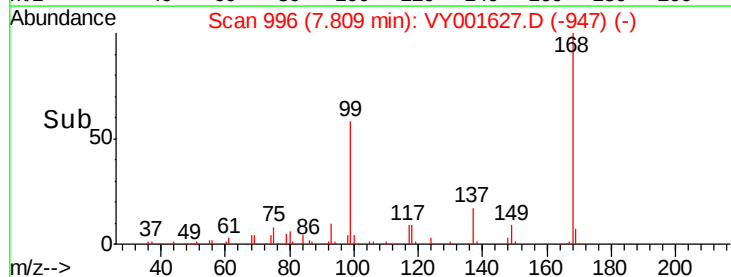
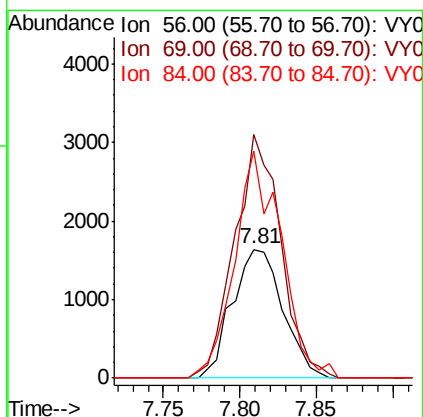
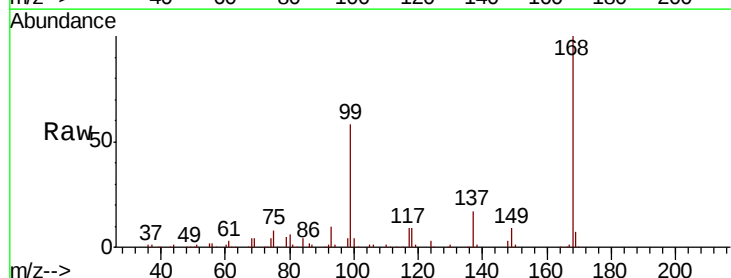
Instrument :
MSVOA_Y
ClientSampleId :

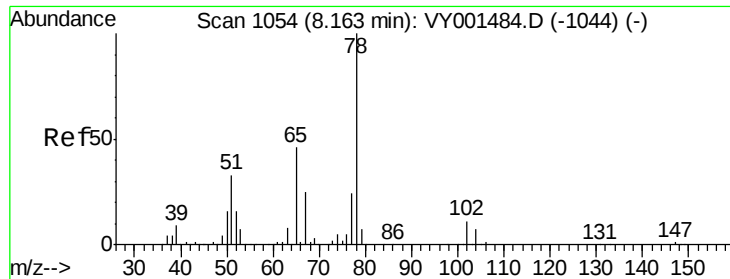
Tot Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 124.0 89.0 133.6
51 40.5 27.4 41.2
86 67.2 46.6 70.0



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Tgt Ion: 56 Resp: 3772
Ion Ratio Lower Upper
56 100
69 188.9 29.6 44.4#
84 175.9 73.6 110.4#





#33

1,2-Dichloroethane-d4

Concen: 54.285 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

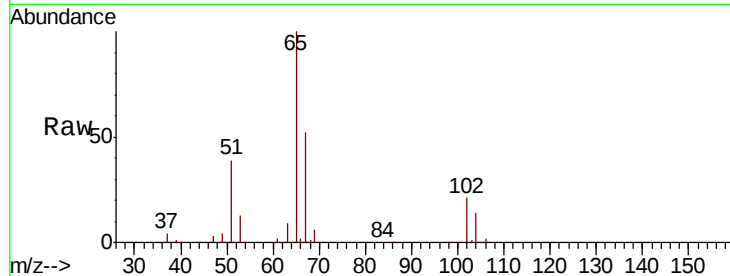
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 94354

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001627.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001627.D (-1005) (-)

8.16

50000

40000

30000

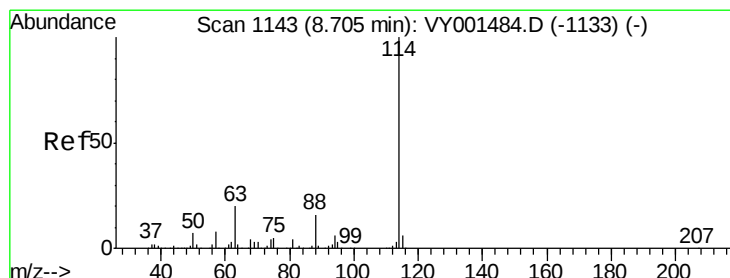
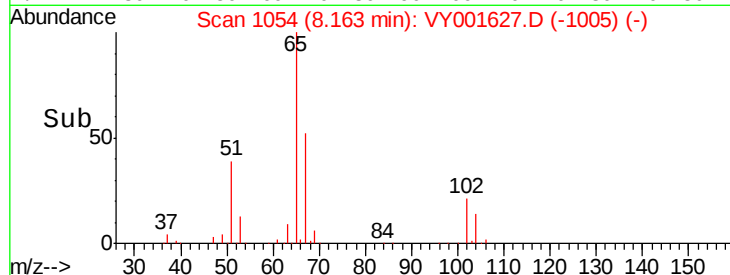
20000

10000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

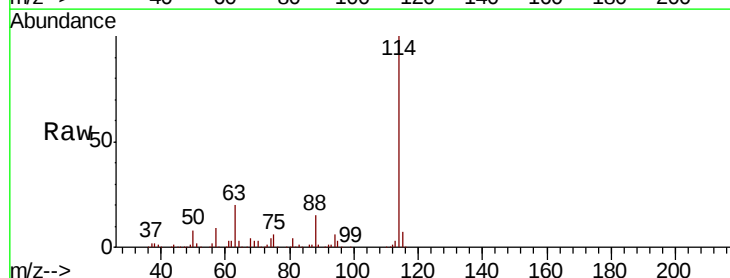
Tgt Ion: 114 Resp: 309671

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

88 15.4 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VY001627.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY001627.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY001627.D (-1094) (-)

8.71

200000

150000

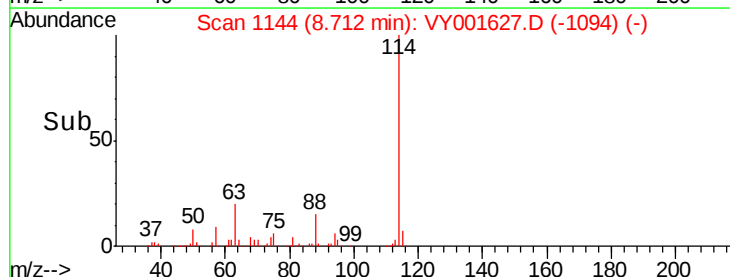
100000

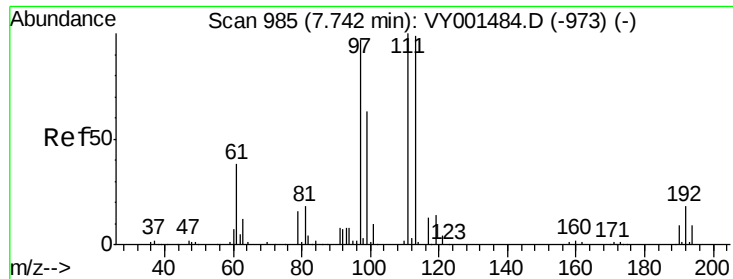
50000

0

8.60 8.70 8.80

Time-->

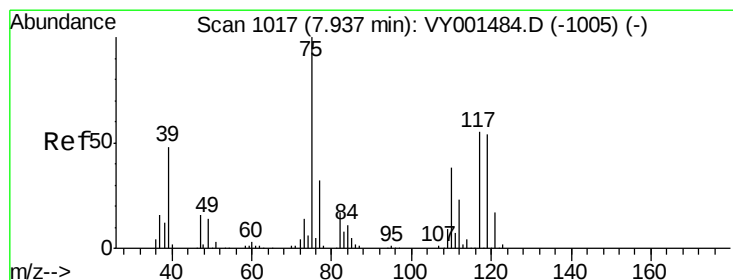
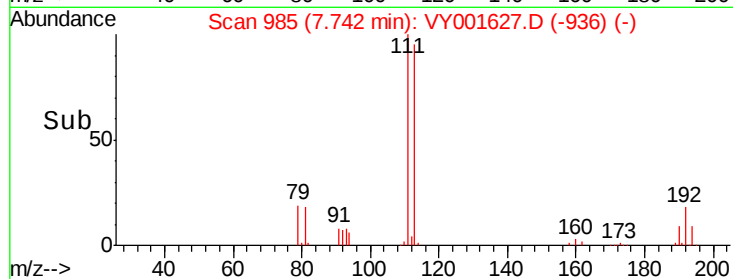
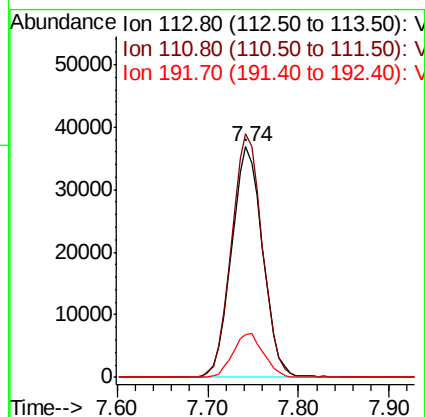
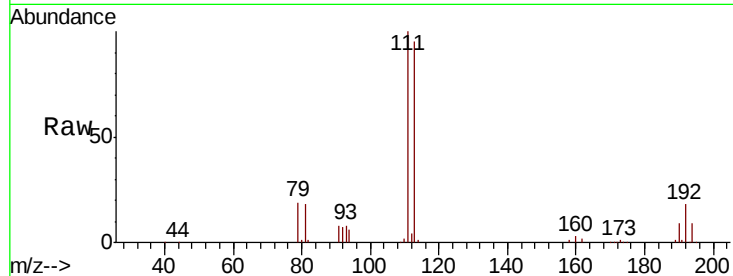




#35
 Dibromofluoromethane
 Concen: 49.297 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001627.D
 Acq: 13 Feb 2020 15:45

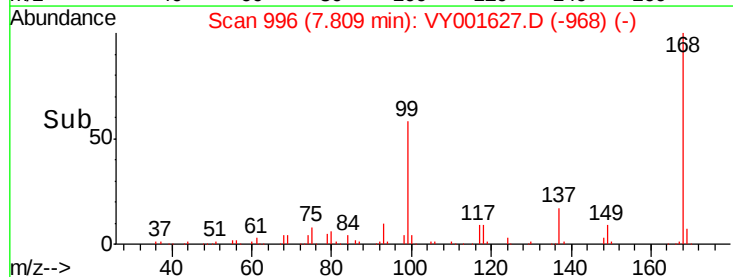
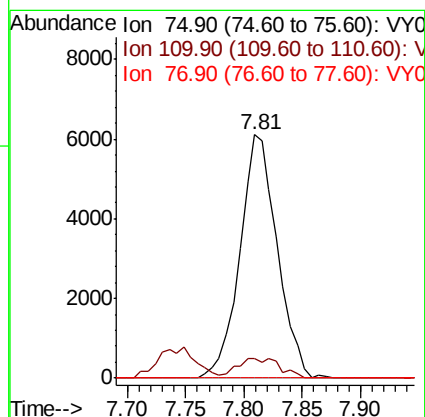
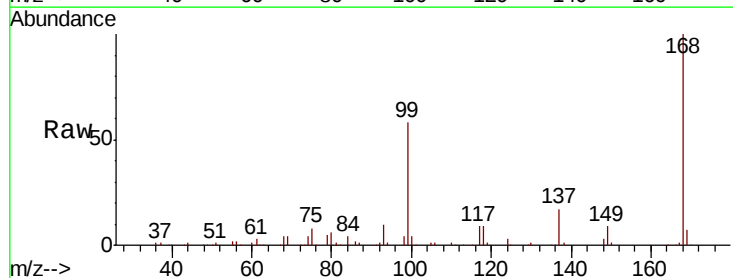
Instrument :
 MSVOA_Y
 ClientSampled :

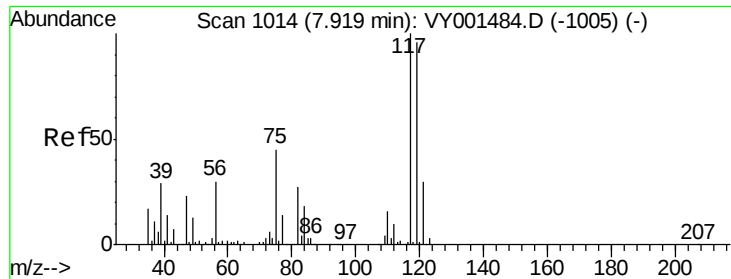
Tot Ion:113 Resp: 88031
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.9 124.3
 192 18.8 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001627.D
 Acq: 13 Feb 2020 15:45

Tgt Ion: 75 Resp: 13602
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.2 54.6#
 77 0.0 25.0 37.4#

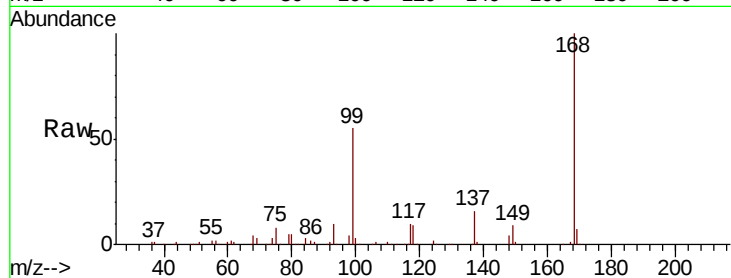




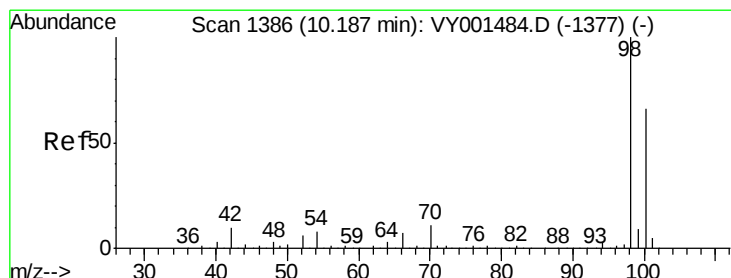
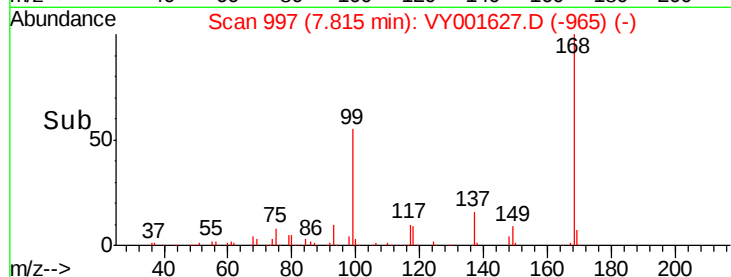
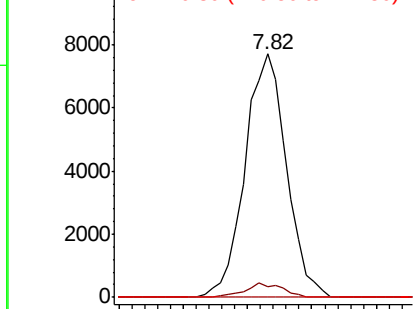
#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 17091
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 24.2 36.4#

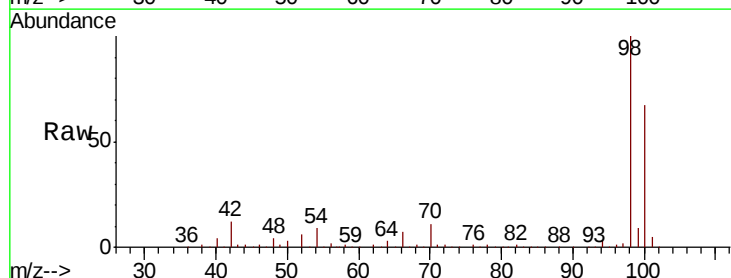


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

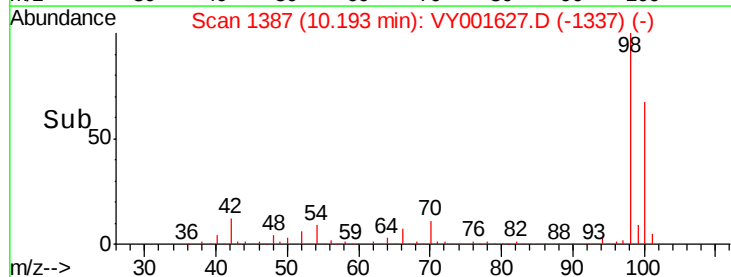
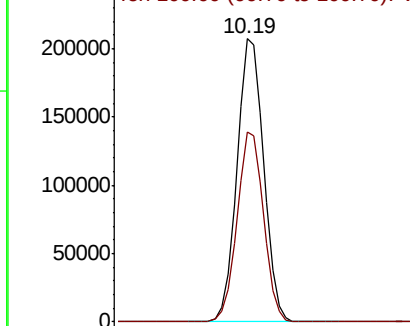


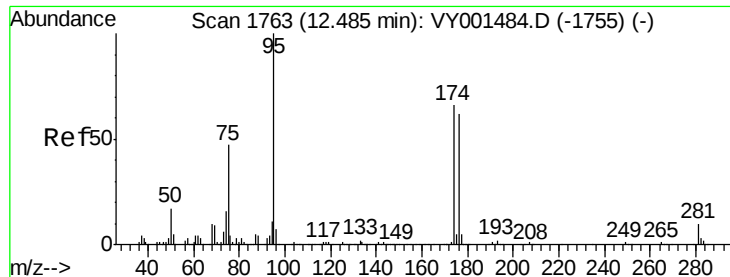
#50
Toluene-d8
Concen: 53.974 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Tgt Ion: 98 Resp: 364652
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



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

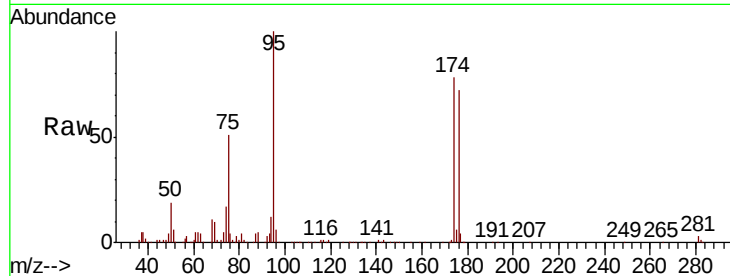




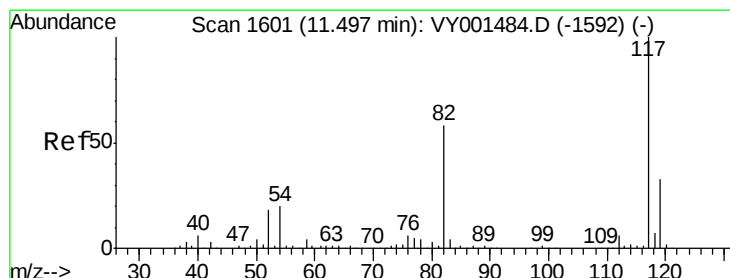
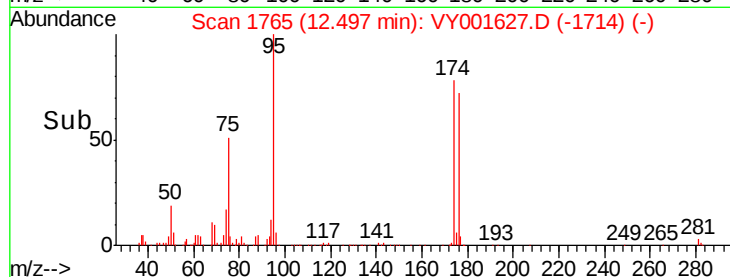
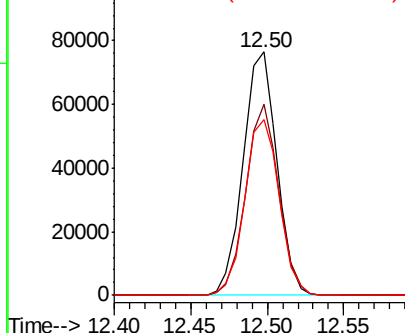
#62
4-Bromofluorobenzene
Concen: 43.959 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 95 Resp: 116999
Ion Ratio Lower Upper
95 100
174 76.9 0.0 141.4
176 73.6 0.0 135.4

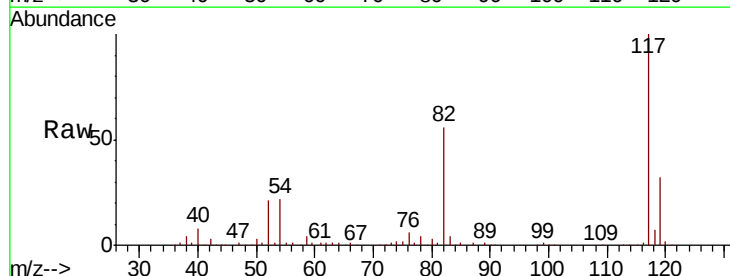


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

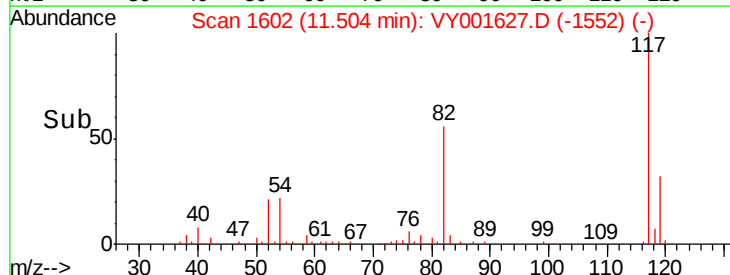
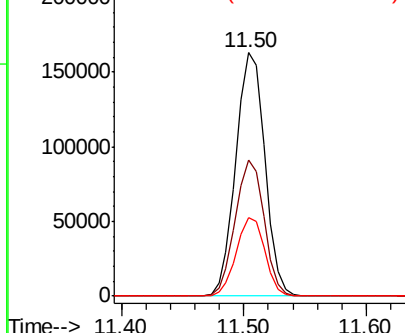


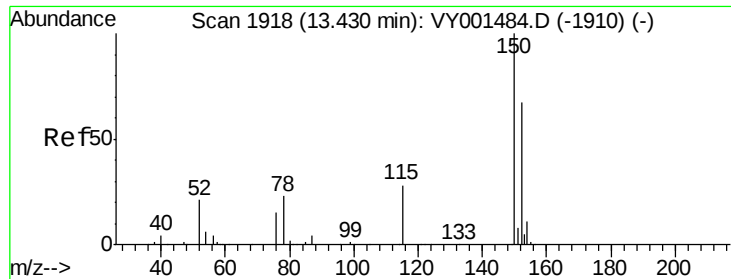
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Tgt Ion: 117 Resp: 268010
Ion Ratio Lower Upper
117 100
82 55.9 46.1 69.1
119 32.2 26.1 39.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

Instrument :

MSVOA_Y

ClientSampled :

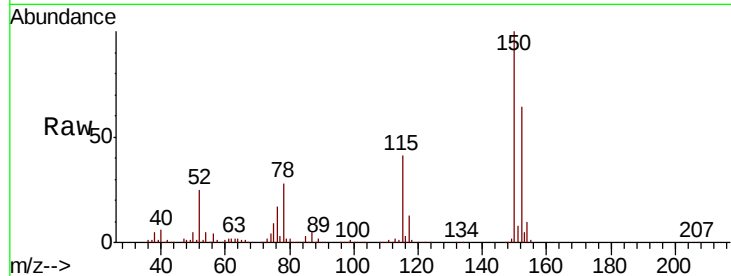
Tot Ion:152 Resp: 110744

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.3

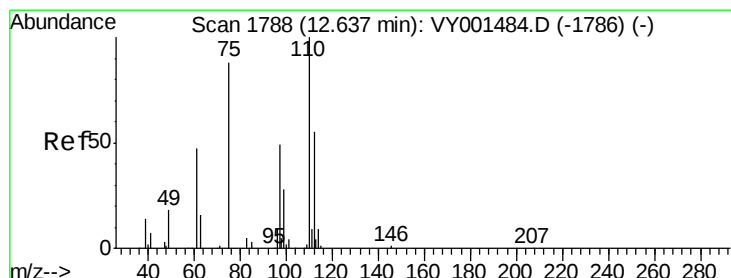
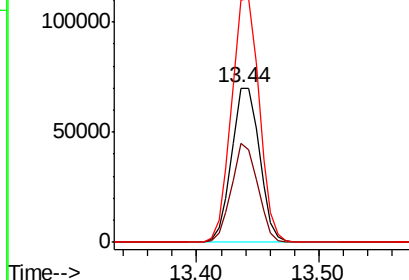
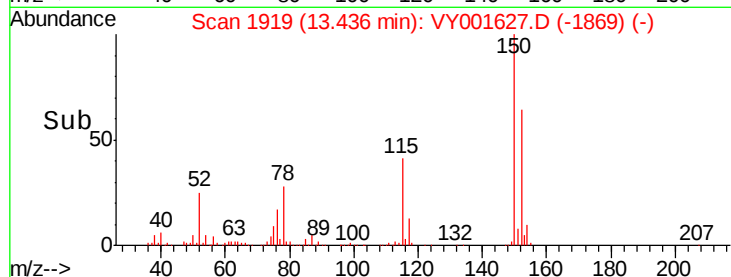
150 156.6 0.0 346.8



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: 50.452 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.14 min

Lab File: VY001627.D

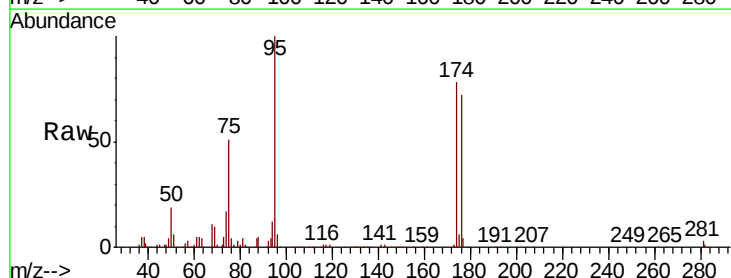
Acq: 13 Feb 2020 15:45

Tgt Ion: 75 Resp: 60085

Ion Ratio Lower Upper

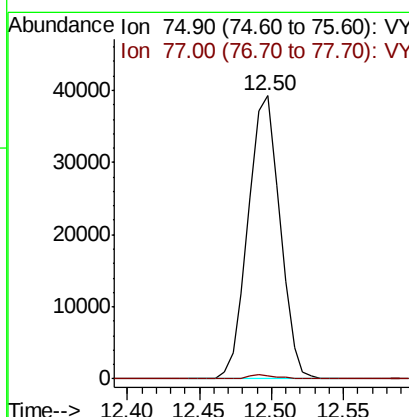
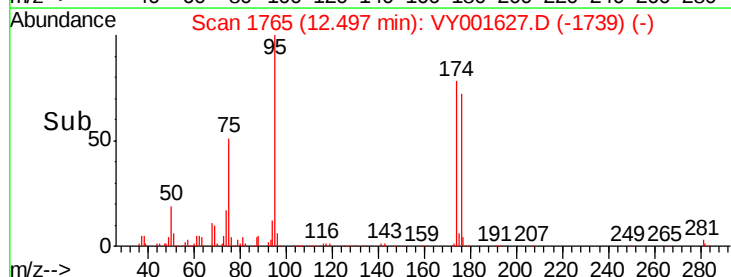
75 100

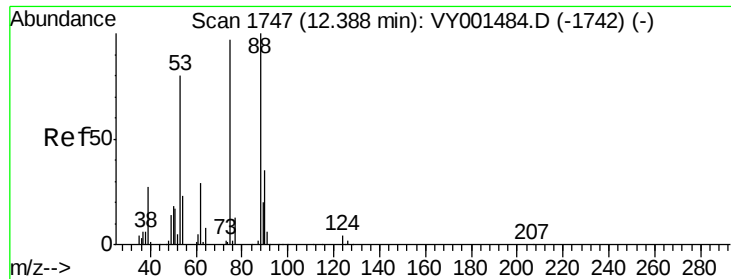
77 1.3 0.0 0.0#



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: 97.621 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

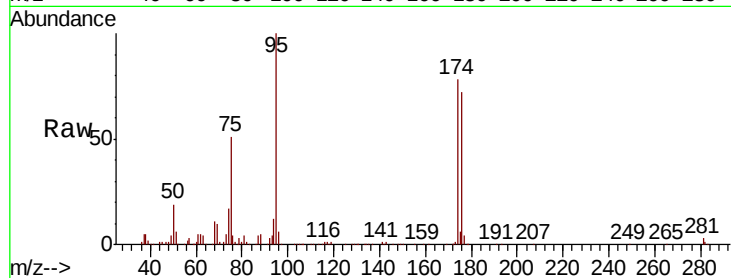
Tot Ion: 75 Resp: 60085

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#



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

