

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001560.D
 Acq On : 07 Feb 2020 17:31
 Operator : SY/MD
 Sample : L1403-02RE
 Misc : 9.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:27:34 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	173630	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	308912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	98939	56.59	ug/l	0.00
Spiked Amount			Recovery	=	113.18%	
35) Dibromofluoromethane	7.75	113	89921	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	10.19	98	367723	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	127940	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	

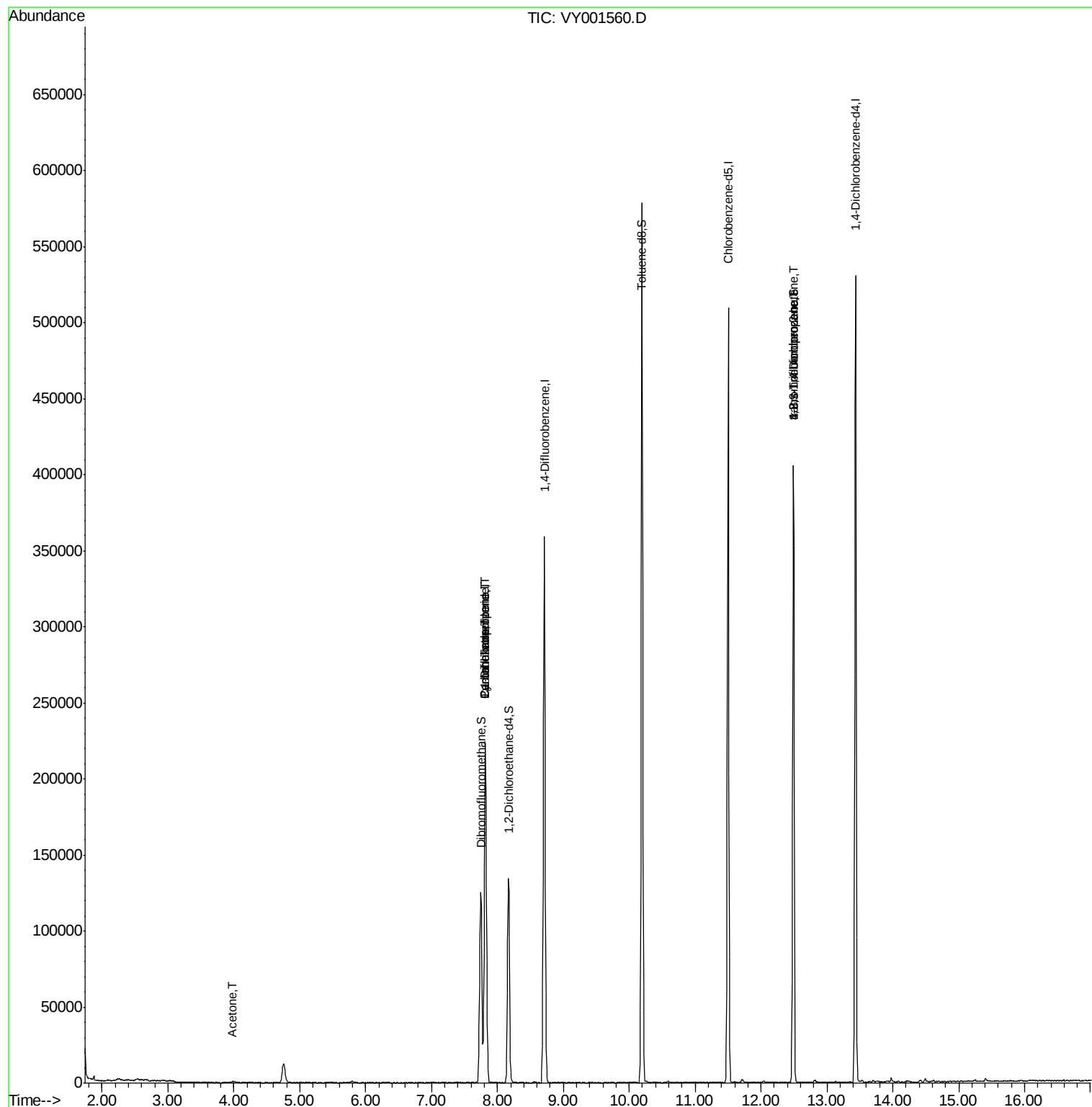
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	58	Below Cal	#	76
16) Acetone	3.98	43	1228	2.428	ug/l	91
31) Cyclohexane	7.82	56	4125	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13902	4.919	ug/l #	49
38) Carbon Tetrachloride	7.82	117	17682	6.467	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	65400	47.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	65400	91.554	ug/l #	16

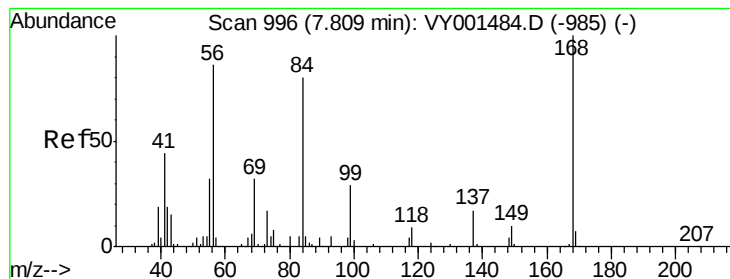
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
Data File : VY001560.D
Acq On : 07 Feb 2020 17:31
Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 08 01:27:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
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# 998

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

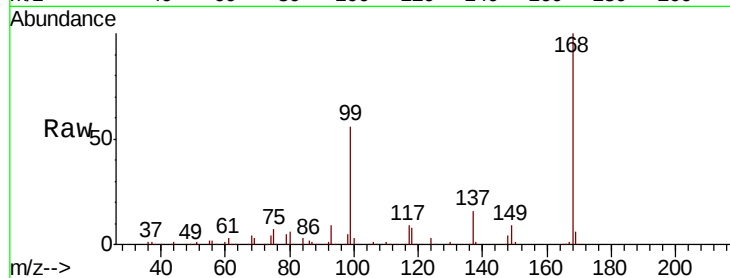
ClientSampleId :

Tot Ion:168 Resp: 173630

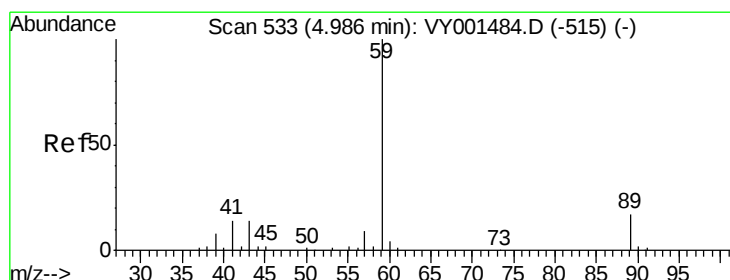
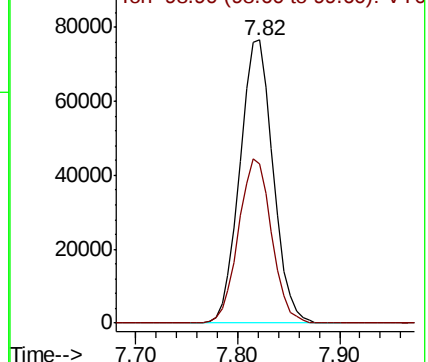
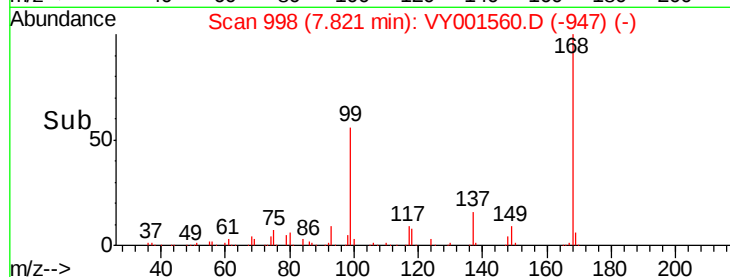
Ion Ratio Lower Upper

168 100

99 56.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001560.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY001560.D

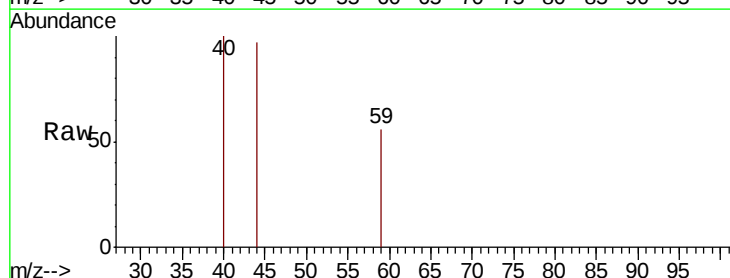
Acq: 07 Feb 2020 17:31

Tgt Ion: 59 Resp: 58

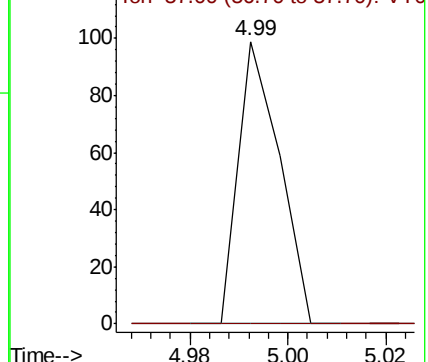
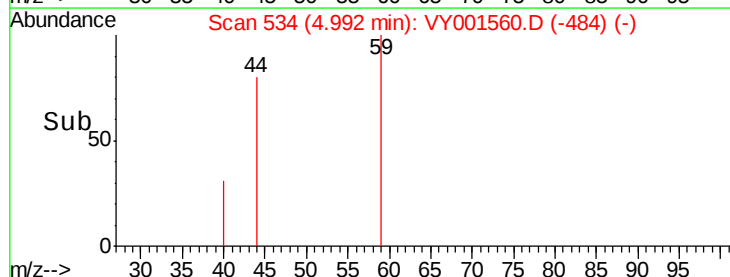
Ion Ratio Lower Upper

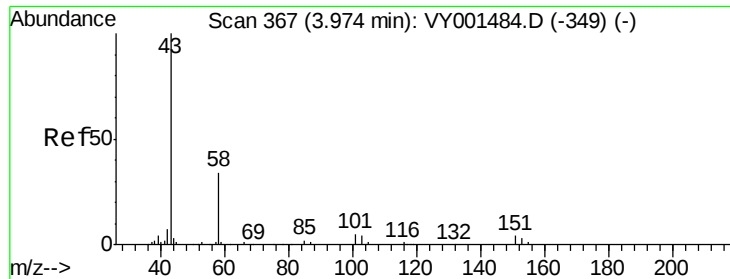
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001560.D (-484) (-)





#16

Acetone

Concen: 2.428 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

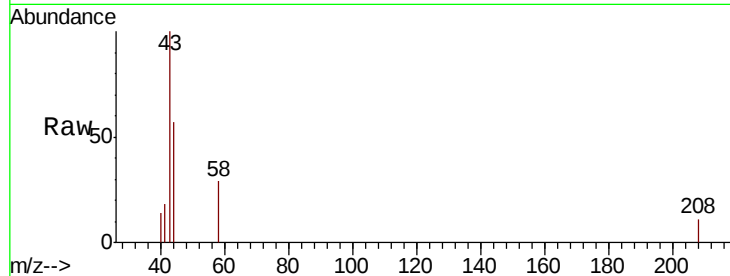
ClientSampleId :

Tot Ion: 43 Resp: 1228

Ion Ratio Lower Upper

43 100

58 29.2 27.5 41.3

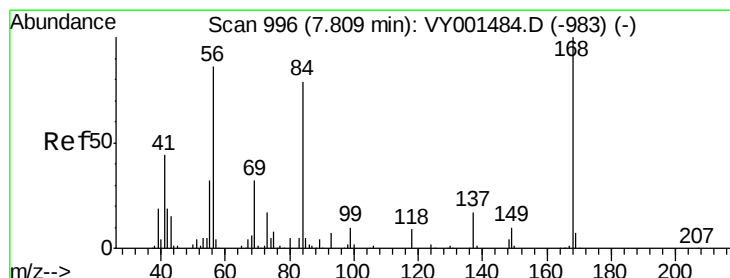
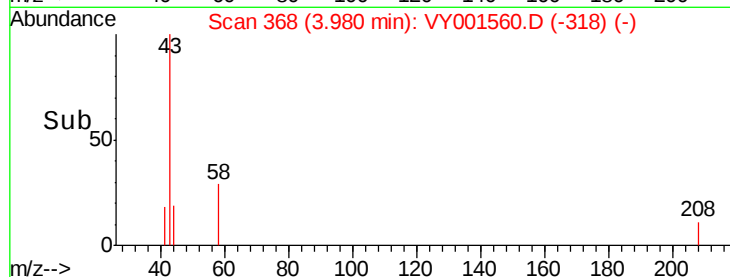


Abundance Ion 43.00 (42.70 to 43.70): VY001560.D (-947) (-)

Ion 58.00 (57.70 to 58.70): VY001560.D (-947) (-)

Time-->

3.95 4.00



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

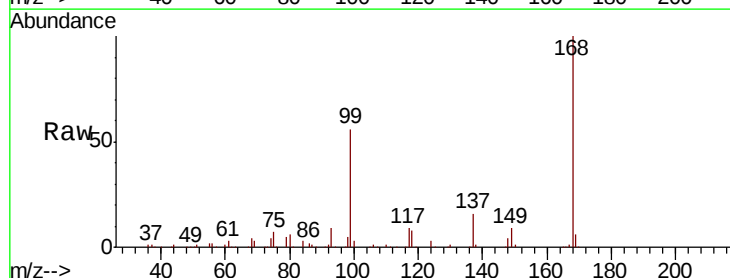
Tgt Ion: 56 Resp: 4125

Ion Ratio Lower Upper

56 100

69 151.8 29.6 44.4#

84 154.4 73.6 110.4#



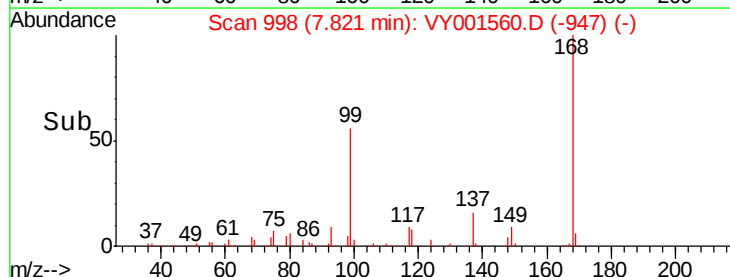
Abundance Ion 56.00 (55.70 to 56.70): VY001560.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001560.D (-947) (-)

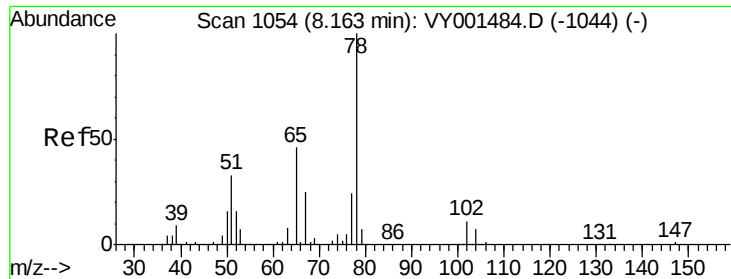
Ion 84.00 (83.70 to 84.70): VY001560.D (-947) (-)

Time-->

7.75 7.80 7.85 7.90



Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.595 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

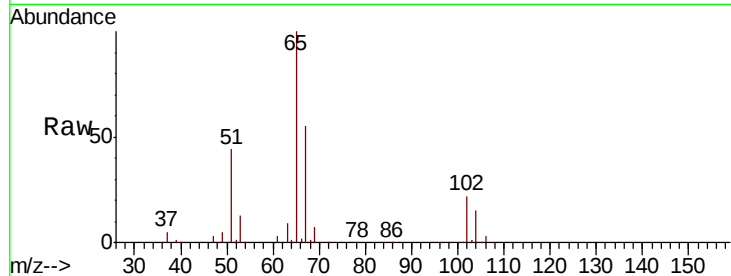
ClientSampleId :

Tot Ion: 65 Resp: 98939

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001560.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001560.D (-1005) (-)

8.17

50000

40000

30000

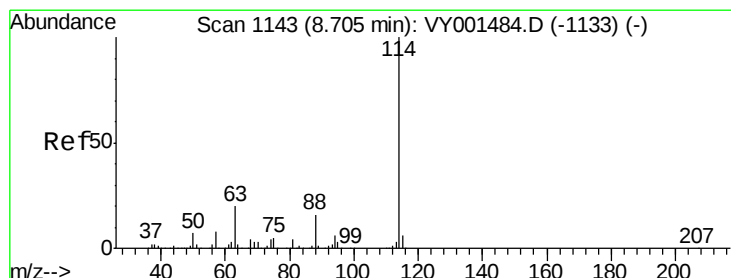
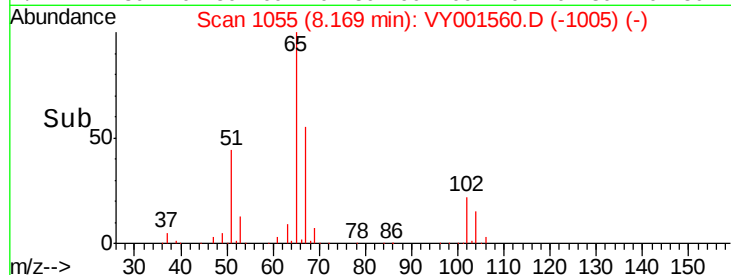
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

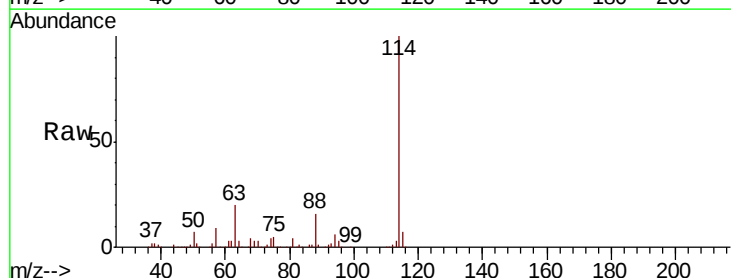
Tgt Ion: 114 Resp: 308912

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VY001560.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY001560.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY001560.D (-1094) (-)

8.71

200000

150000

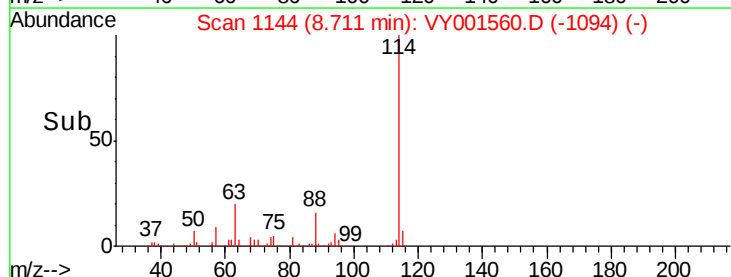
100000

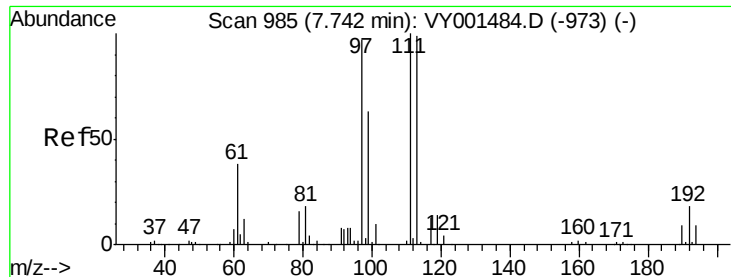
50000

0

8.60 8.70 8.80

Time-->

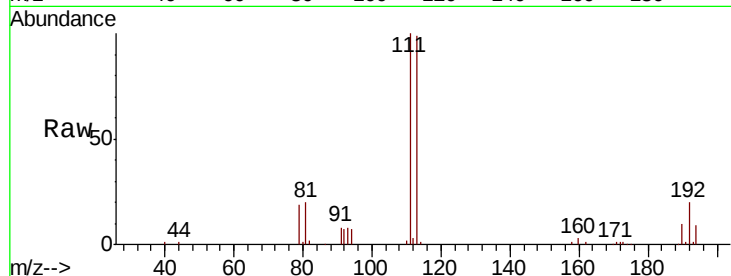




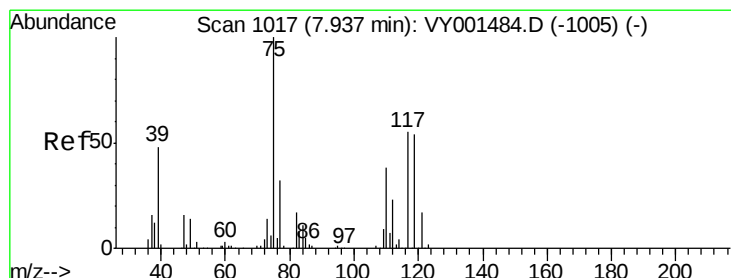
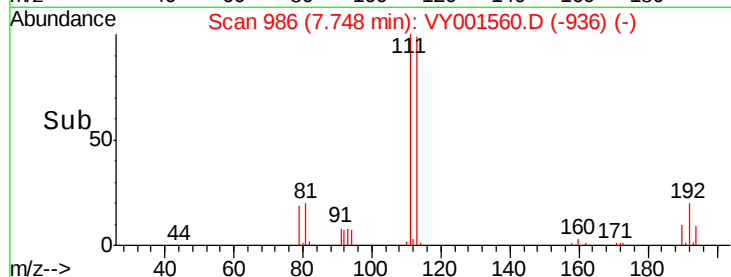
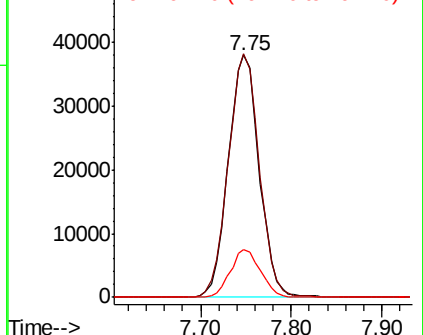
#35
Dibromofluoromethane
Concen: 50.480 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 89921
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 19.2 14.6 22.0

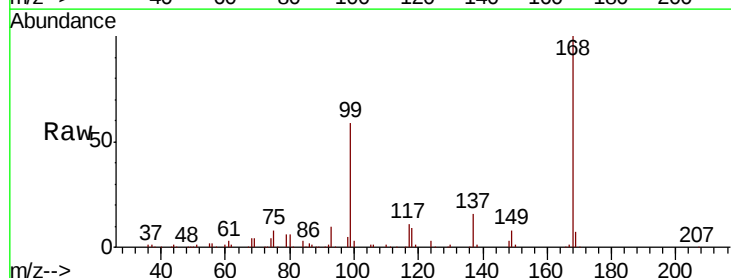


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

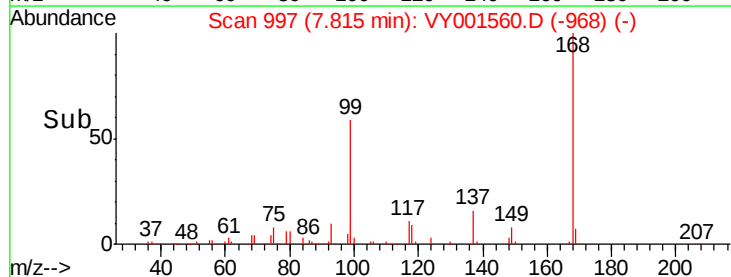
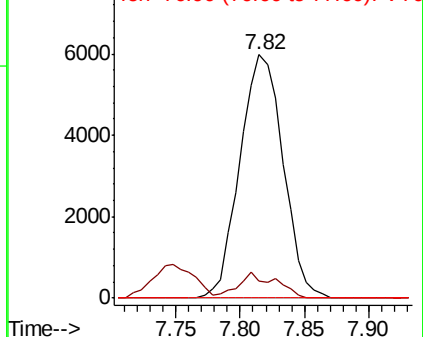


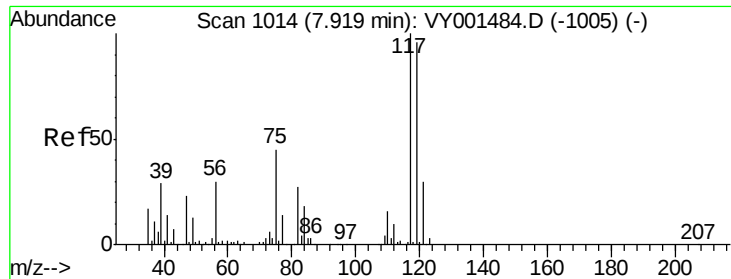
#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

Tgt Ion: 75 Resp: 13902
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.0 25.0 37.4#



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

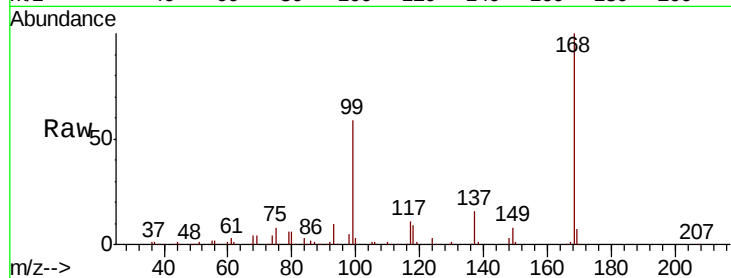




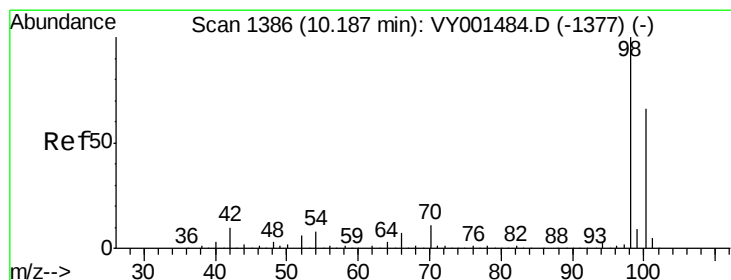
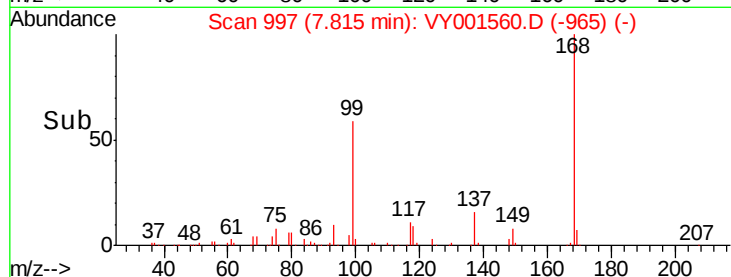
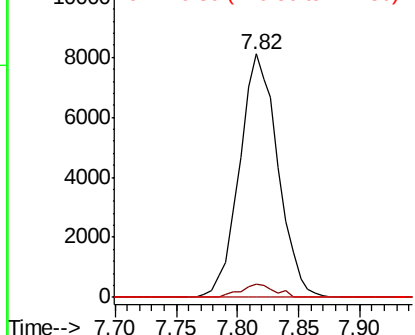
#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 17682
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 24.2 36.4#

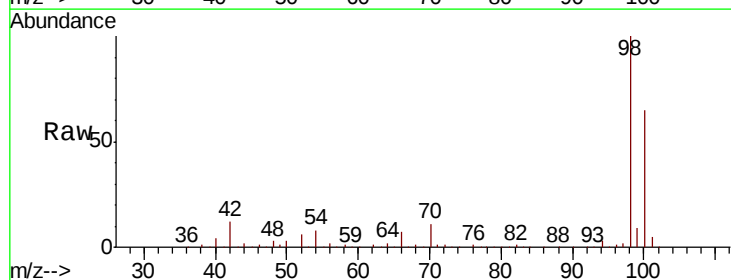


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

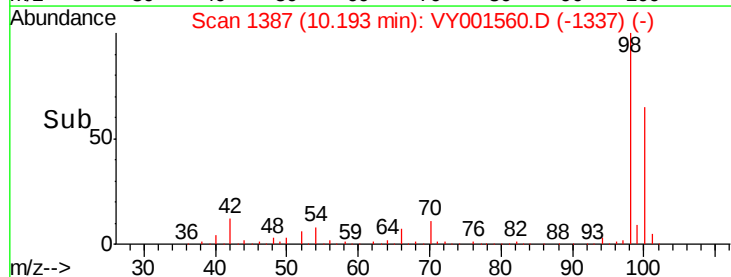
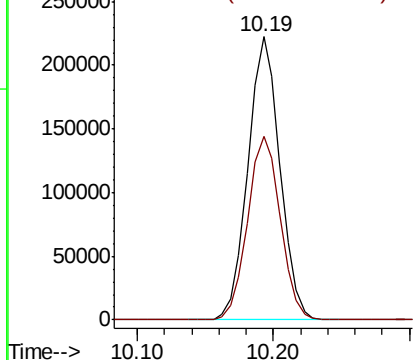


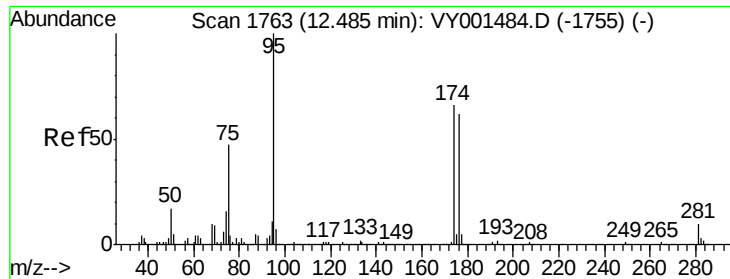
#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

Tgt Ion: 98 Resp: 367723
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



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

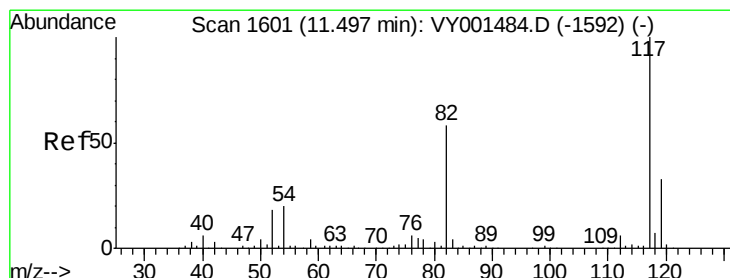
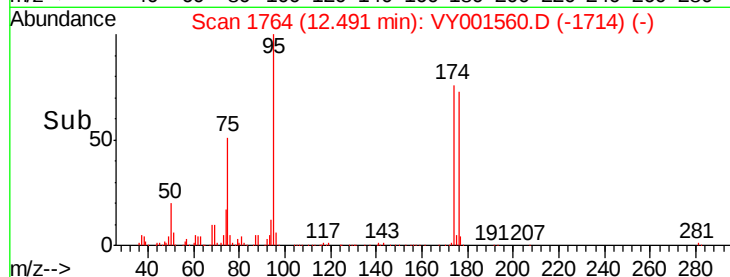
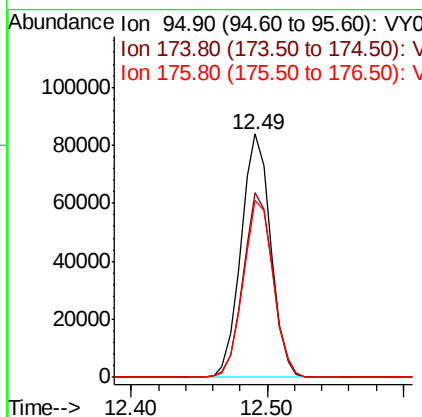
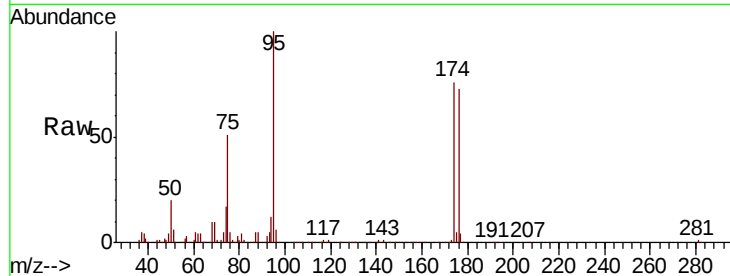




#62
4-Bromofluorobenzene
Concen: 48.188 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

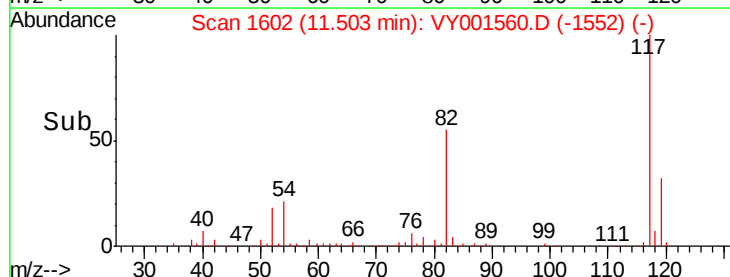
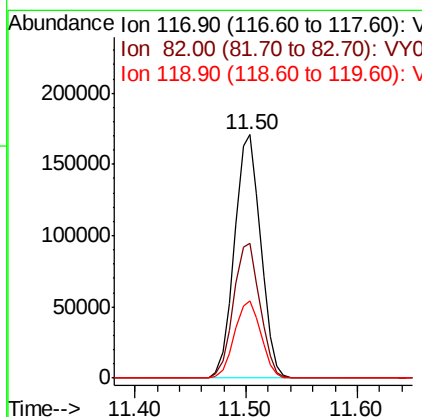
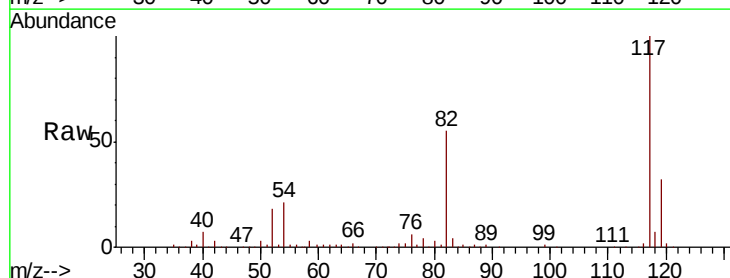
Instrument :
MSVOA_Y
ClientSampleId :

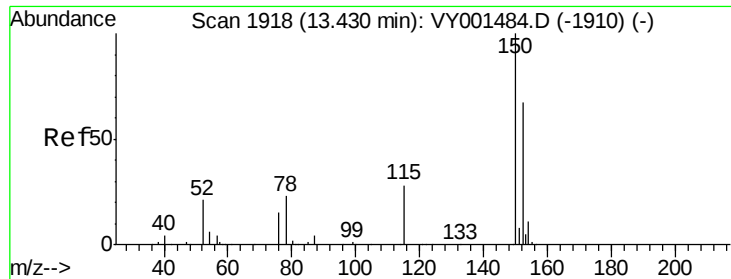
Tot Ion	95	Resp	127940
Ion Ratio	Lower	Upper	
95	100		
174	75.9	0.0	141.4
176	73.7	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001560.D
Acq: 07 Feb 2020 17:31

Tgt Ion	117	Resp	278062
Ion Ratio	Lower	Upper	
117	100		
82	55.4	46.1	69.1
119	31.9	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

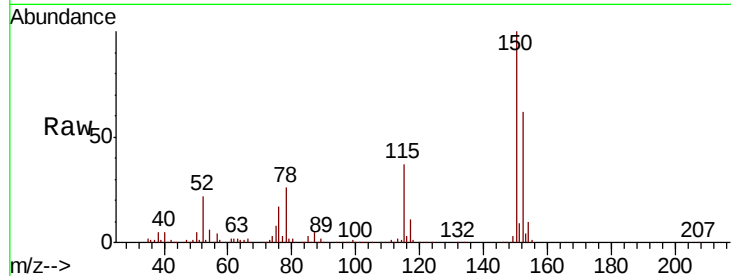
Tot Ion:152 Resp: 128528

Ion Ratio Lower Upper

152 100

115 59.3 31.4 94.3

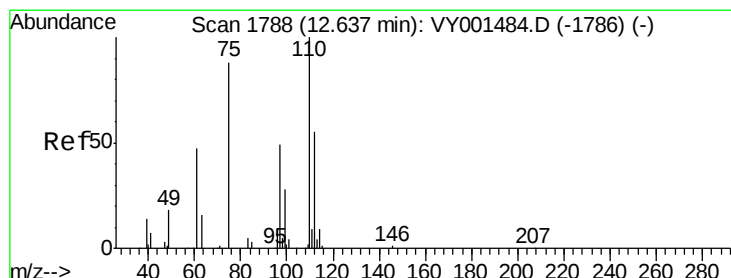
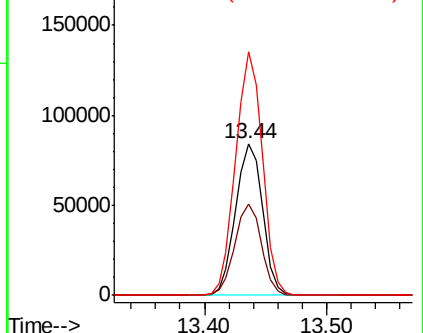
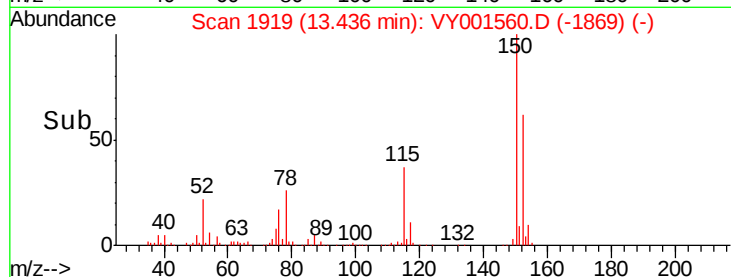
150 159.2 0.0 346.8



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: 47.316 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001560.D

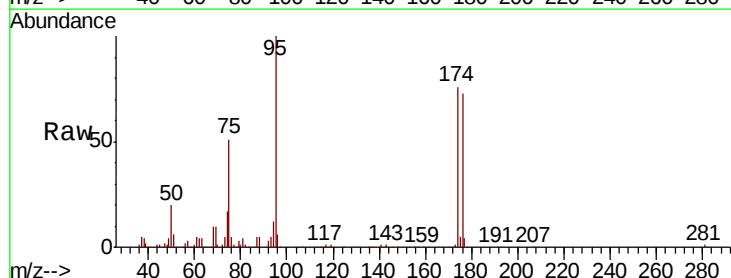
Acq: 07 Feb 2020 17:31

Tgt Ion: 75 Resp: 65400

Ion Ratio Lower Upper

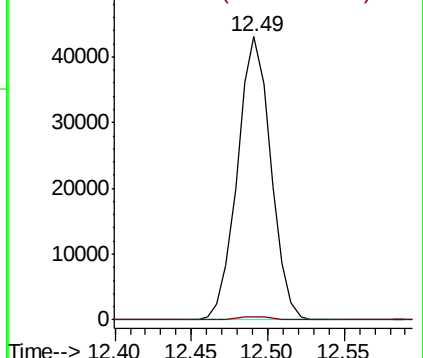
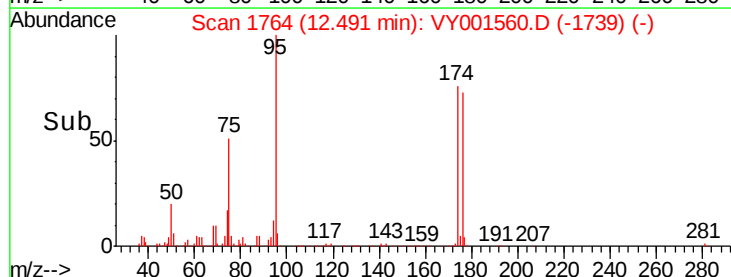
75 100

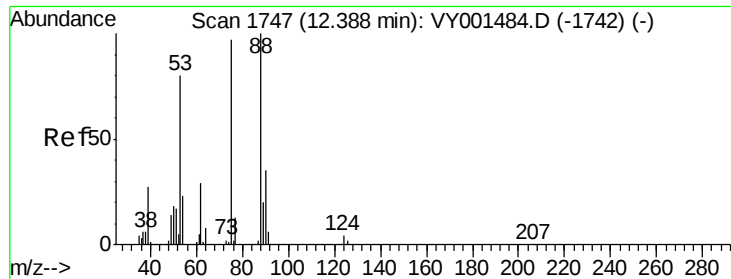
77 1.3 0.0 0.0#



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: 91.554 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001560.D

Acq: 07 Feb 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

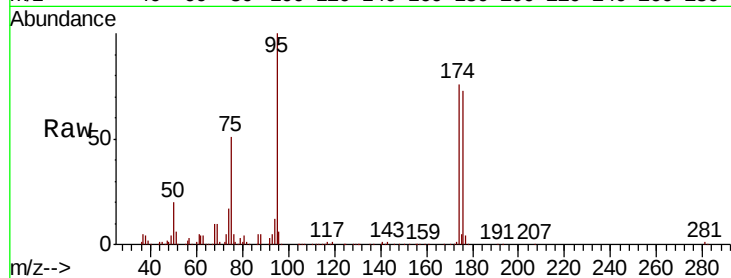
Tot Ion: 75 Resp: 65400

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

