

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002127.D
 Acq On : 31 Mar 2020 13:00
 Operator : SY/MD
 Sample : L2071-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXTERIOR-WALL

Quant Time: Mar 31 15:00:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	134028	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	263504	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	244425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109686	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	84613	57.11	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	114.22%	
35) Dibromofluoromethane	7.75	113	74309	50.33	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	100.66%	
50) Toluene-d8	10.20	98	322424	52.57	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.50	95	110218	51.38	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	102.76%	

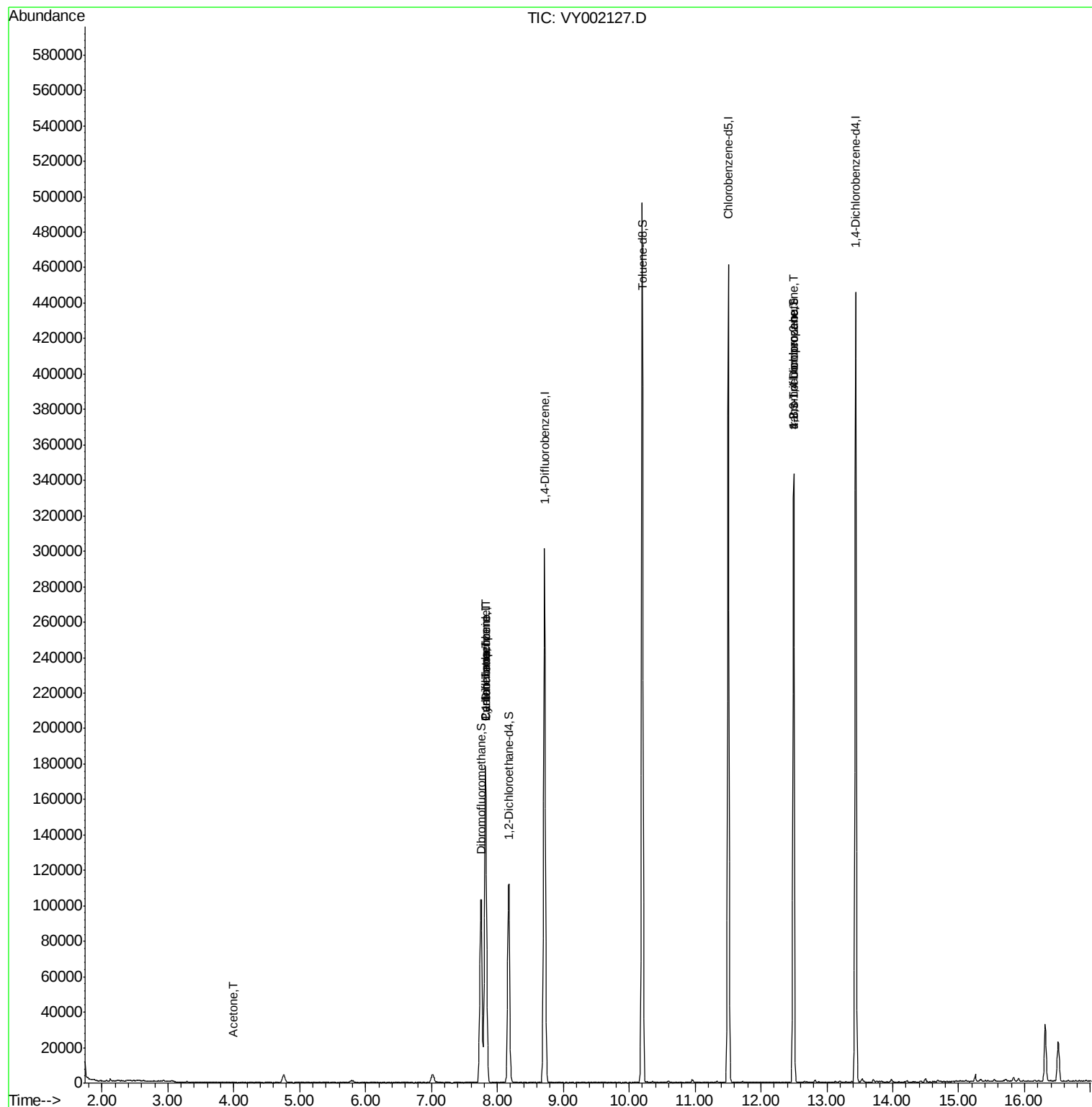
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.99	43	615	1.48	ug/l	# 42
20) Methylene Chloride	4.75	84	3264	Below	Cal	94
31) Cyclohexane	7.82	56	3216	1.04	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	11313	4.54	ug/l	# 50
38) Carbon Tetrachloride	7.82	117	13517	6.39	ug/l	# 18
76) 1,2,3-Trichloropropane	12.49	75	57558	46.91	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	57558	90.88	ug/l	# 17

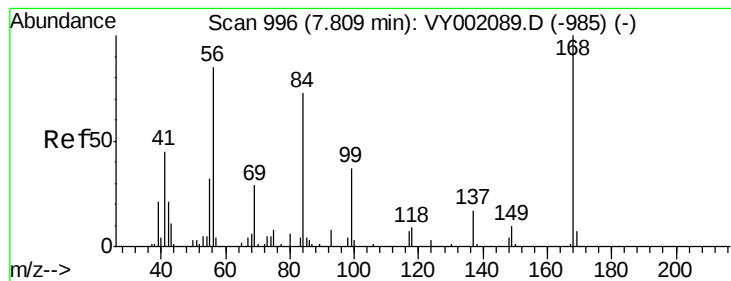
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

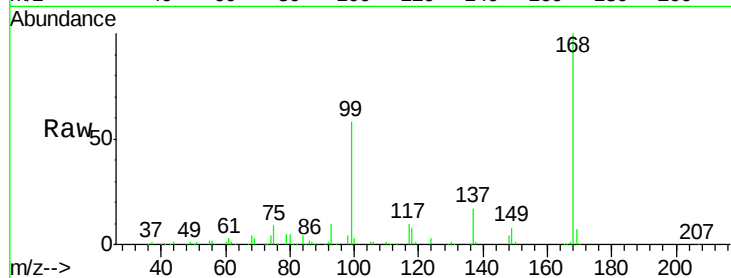
EXTERIOR-WALL

Tgt Ion:168 Resp: 134028

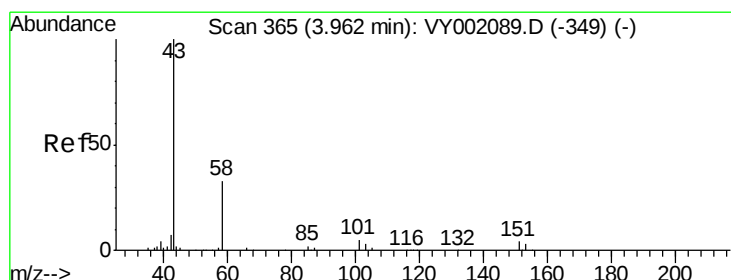
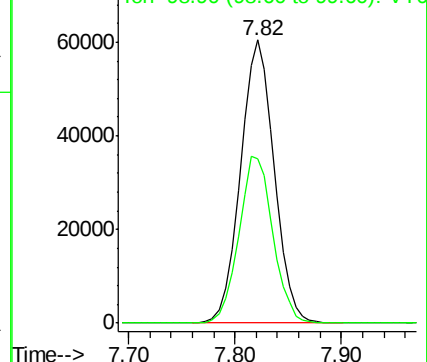
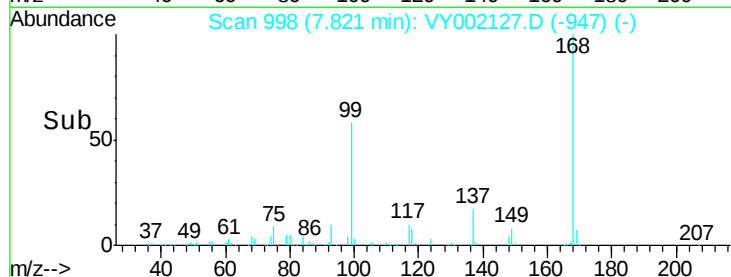
Ion Ratio Lower Upper

168 100

99 58.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002127.D (-947) (-)



#16

Acetone

Concen: 1.48 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002127.D

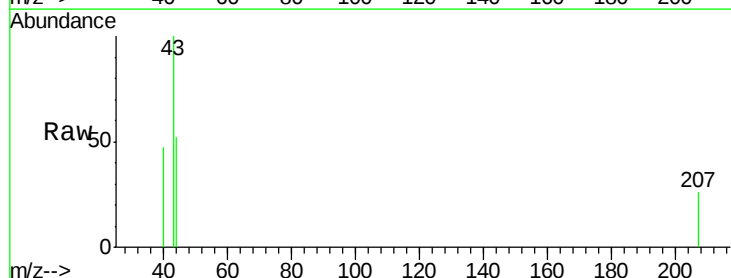
Acq: 31 Mar 2020 13:00

Tgt Ion: 43 Resp: 615

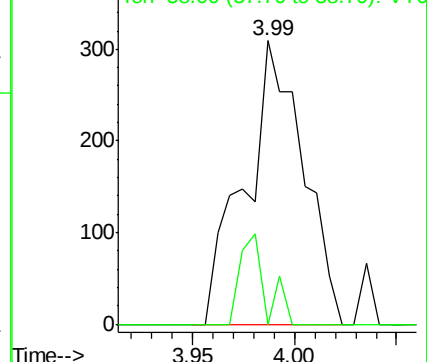
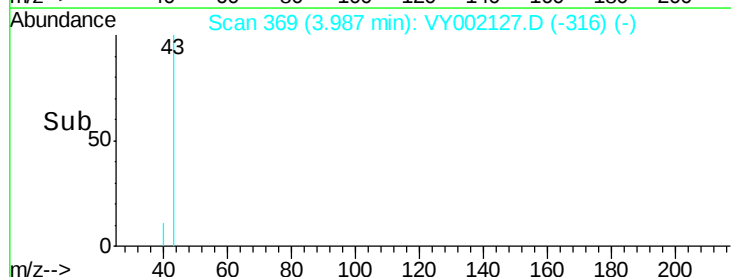
Ion Ratio Lower Upper

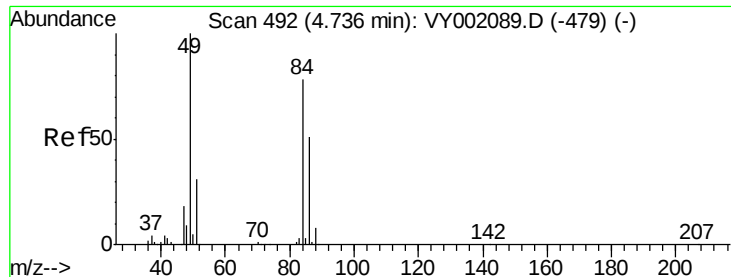
43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002127.D (-316) (-)

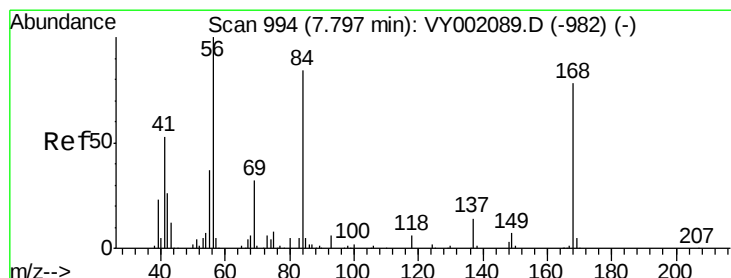
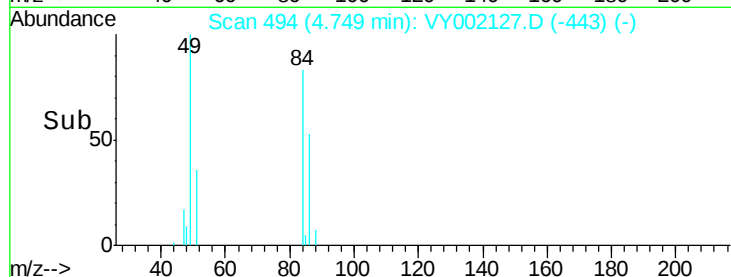
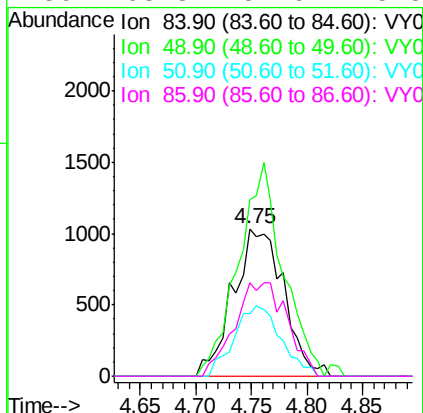
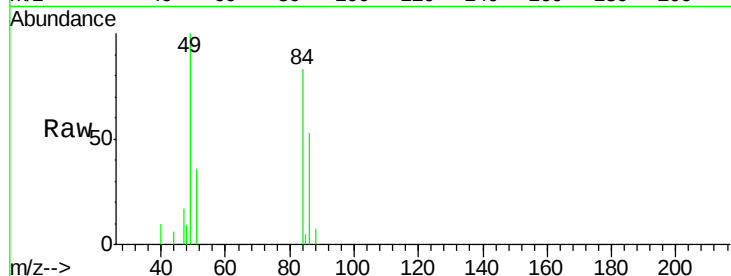




#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

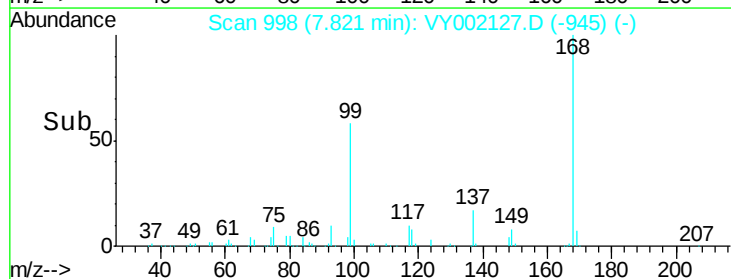
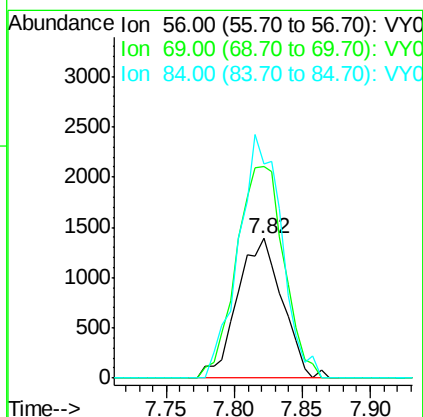
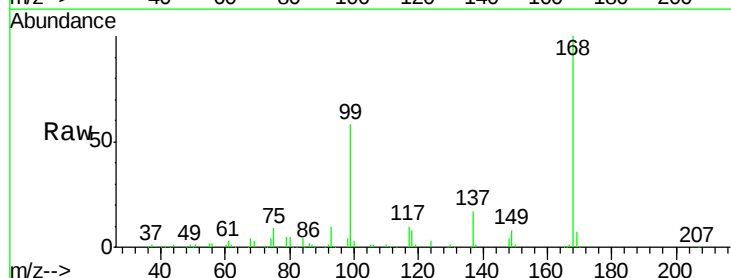
Instrument :
MSVOA_Y
ClientSampleId :
EXTERIOR-WALL

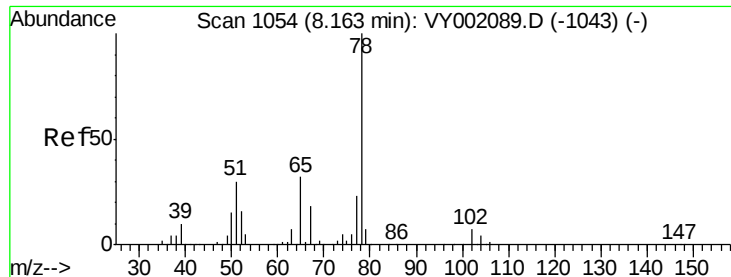
Tgt Ion:	84	Resp:	3264
Ion	Ratio	Lower	Upper
84	100		
49	120.0	102.2	153.4
51	42.9	31.2	46.8
86	63.3	52.6	78.8



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.02 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

Tgt Ion:	56	Resp:	3216
Ion	Ratio	Lower	Upper
56	100		
69	152.2	25.8	38.8#
84	163.7	67.1	100.7#





#33

1,2-Dichloroethane-d4

Concen: 57.11 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

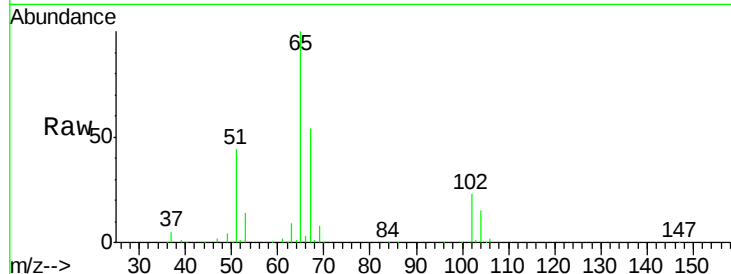
EXTERIOR-WALL

Tgt Ion: 65 Resp: 84613

Ion Ratio Lower Upper

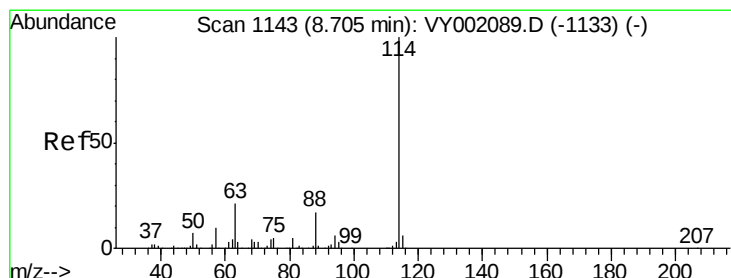
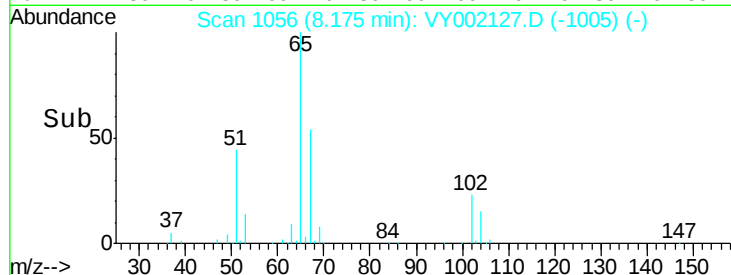
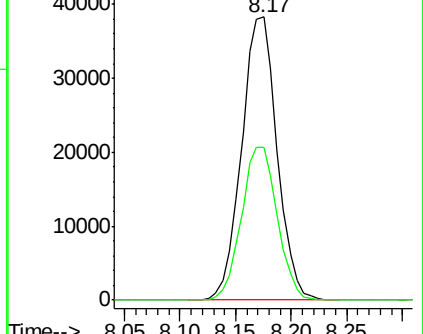
65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

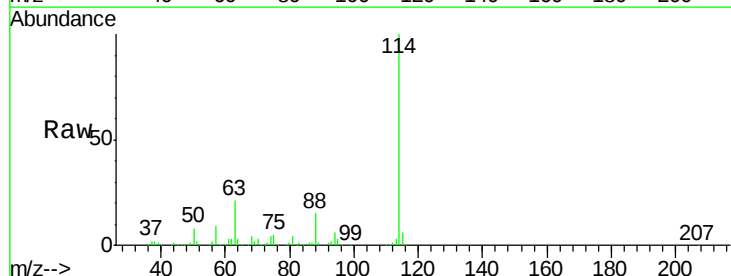
Tgt Ion: 114 Resp: 263504

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

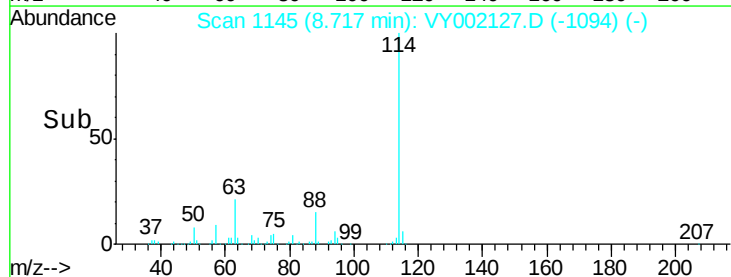
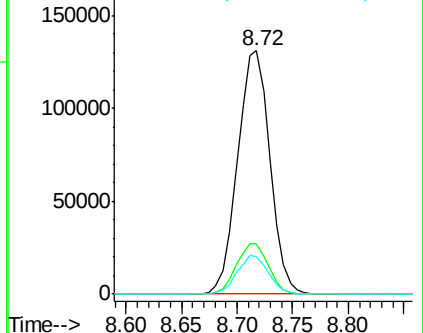
88 15.4 0.0 33.0

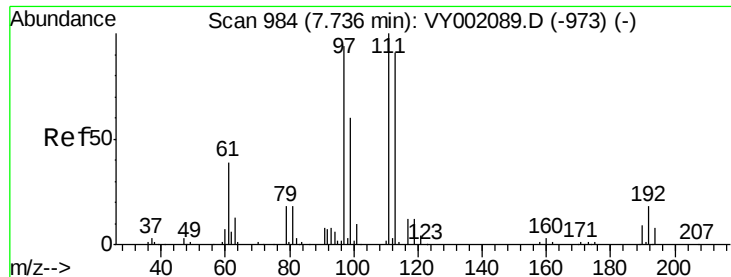


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

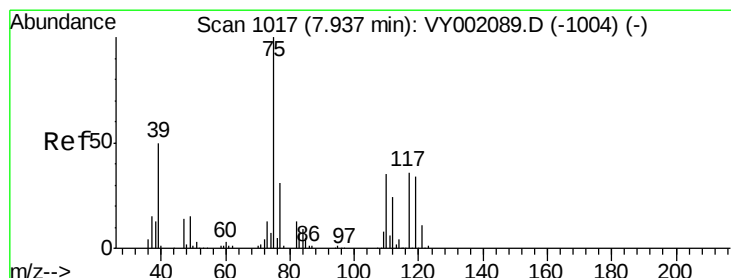
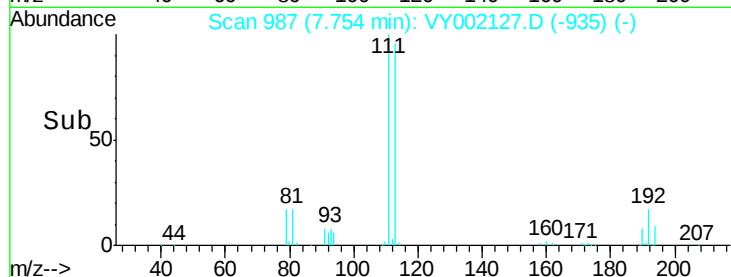
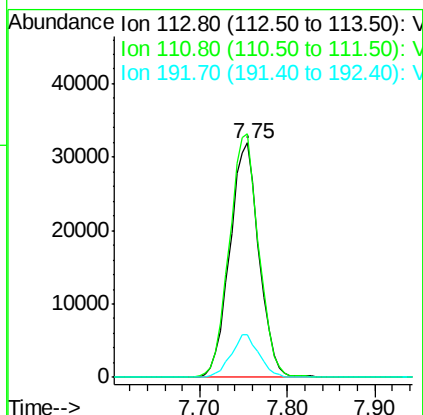
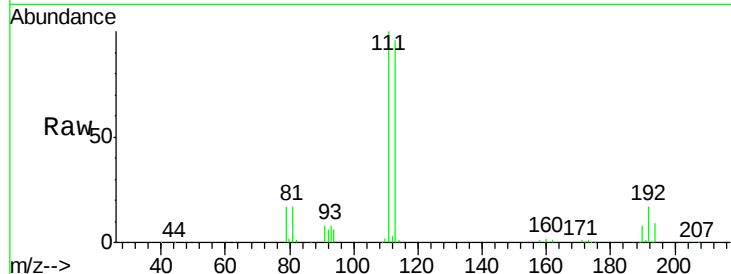




#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.02 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

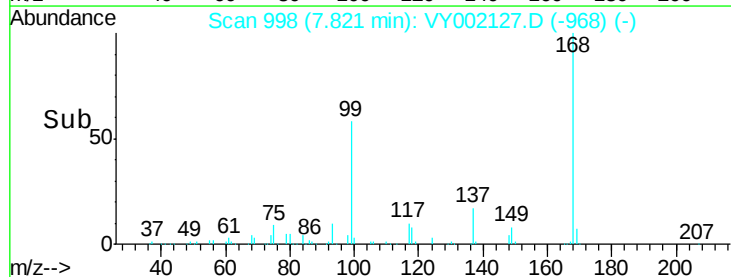
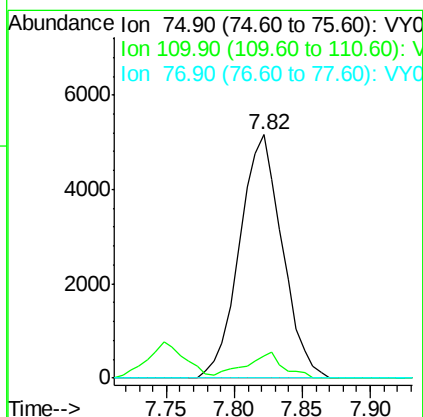
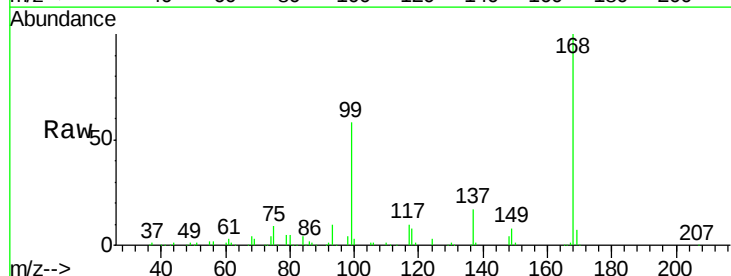
Instrument :
MSVOA_Y
ClientSampleId :
EXTERIOR-WALL

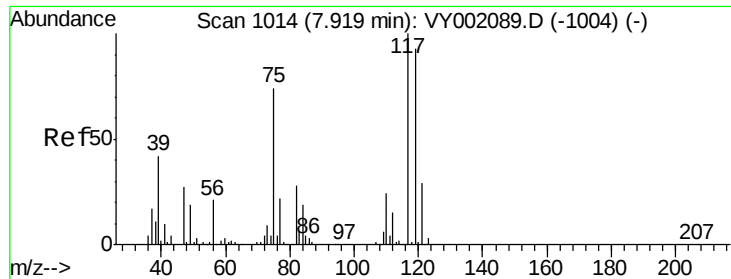
Tgt Ion:113 Resp: 74309
Ion Ratio Lower Upper
113 100
111 104.7 84.4 126.6
192 17.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.12 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

Tgt Ion: 75 Resp: 11313
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.7 37.1#

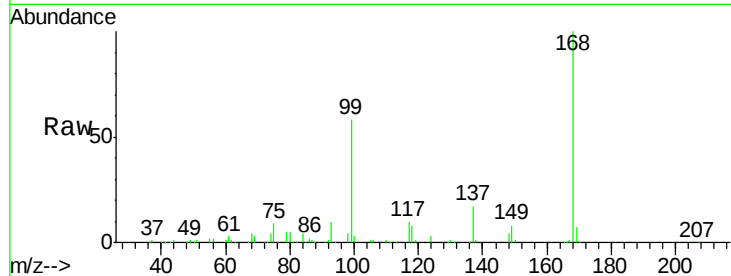




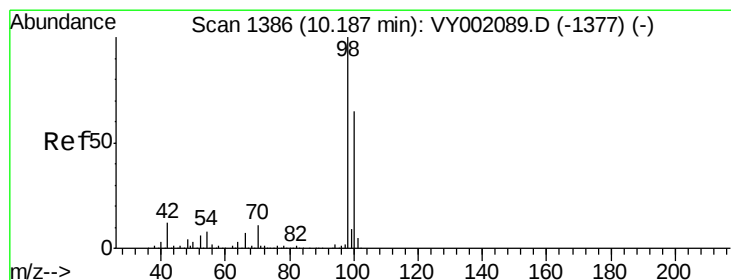
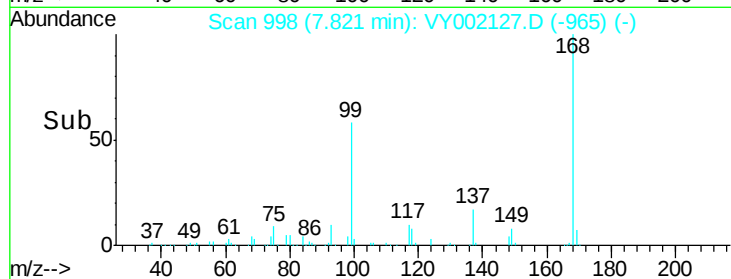
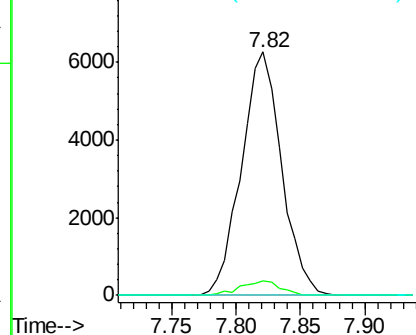
#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
EXTERIOR-WALL

Tgt Ion:117 Resp: 13517
Ion Ratio Lower Upper
117 100
119 5.9 74.3 111.5#
121 0.0 23.3 34.9#

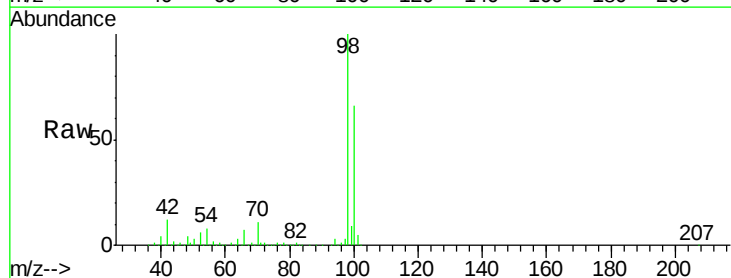


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

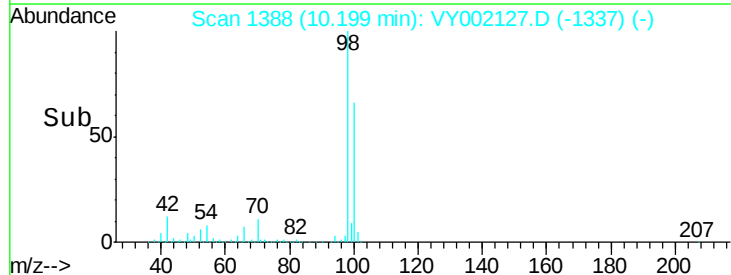
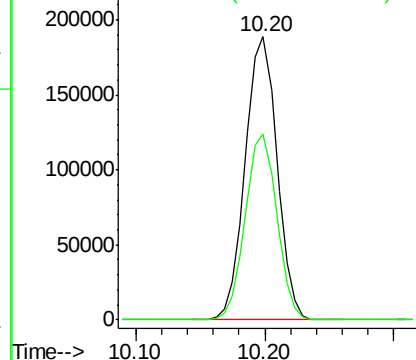


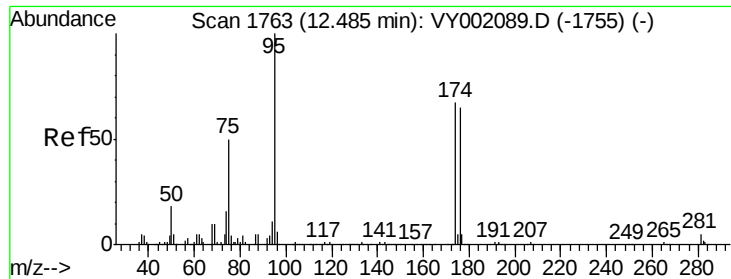
#50
Toluene-d8
Concen: 52.57 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

Tgt Ion: 98 Resp: 322424
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



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

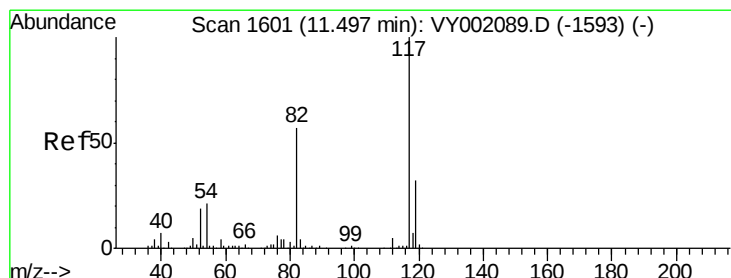
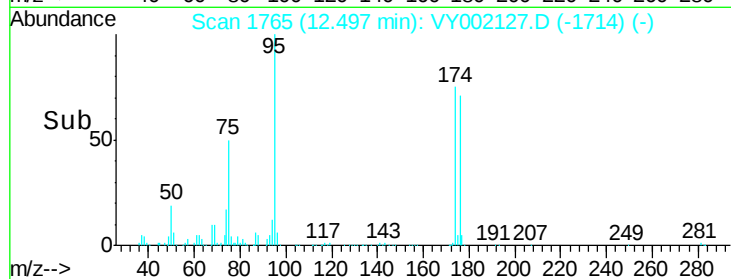
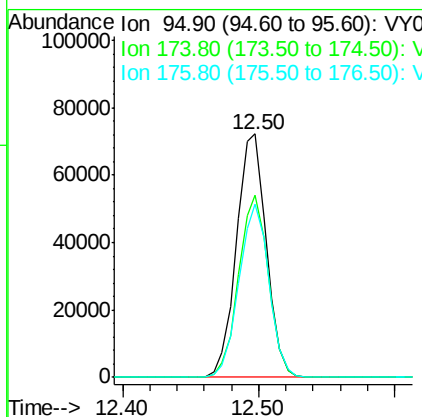
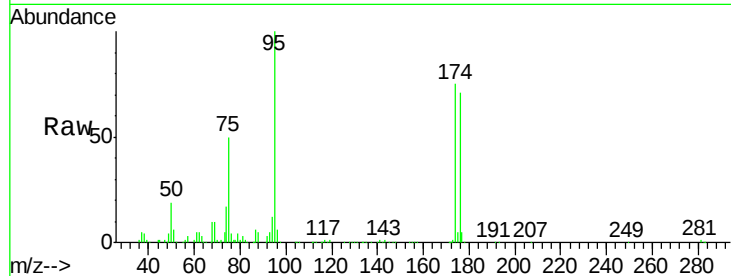




#62
4-Bromofluorobenzene
Concen: 51.38 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

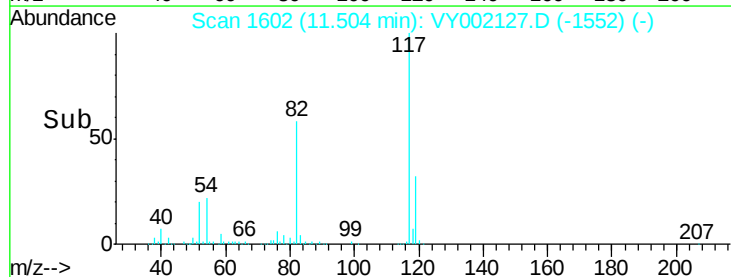
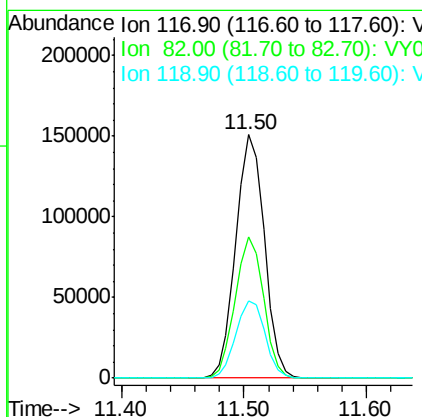
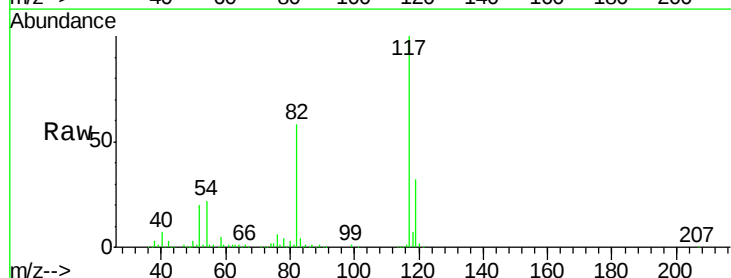
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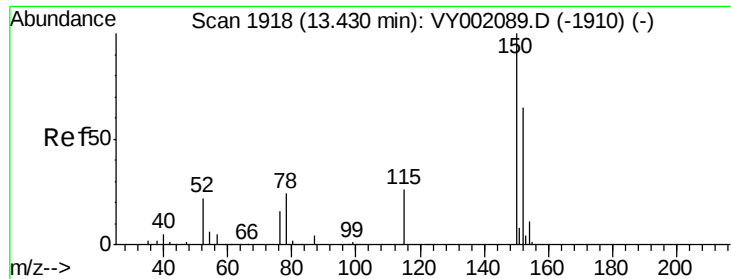
Tgt Ion: 95 Resp: 110218
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.4
176 71.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002127.D
Acq: 31 Mar 2020 13:00

Tgt Ion: 117 Resp: 244425
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.2
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EXTERIOR-WALL

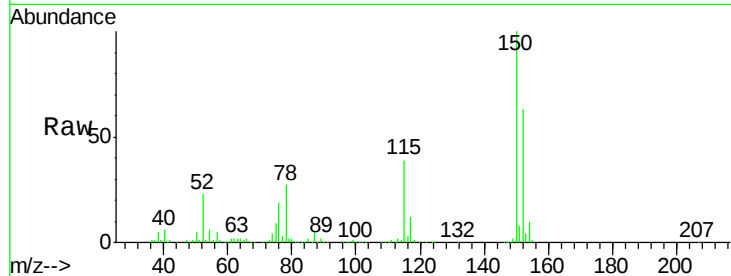
Tgt Ion:152 Resp: 109686

Ion Ratio Lower Upper

152 100

115 60.8 31.2 93.6

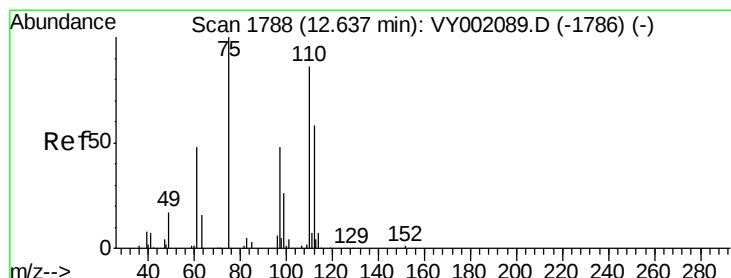
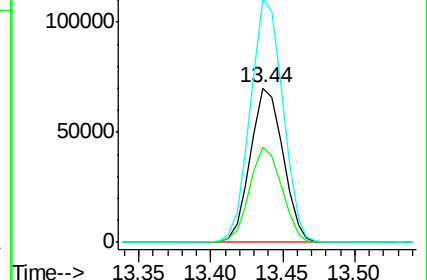
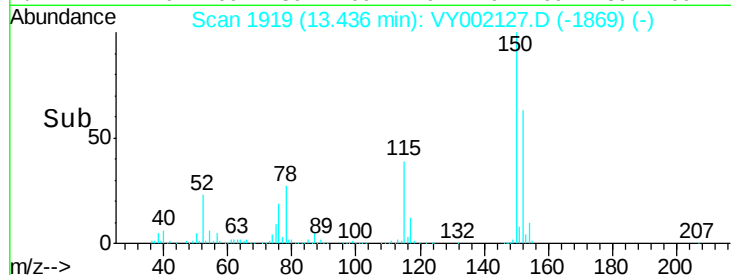
150 157.0 0.0 354.8



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: 46.91 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002127.D

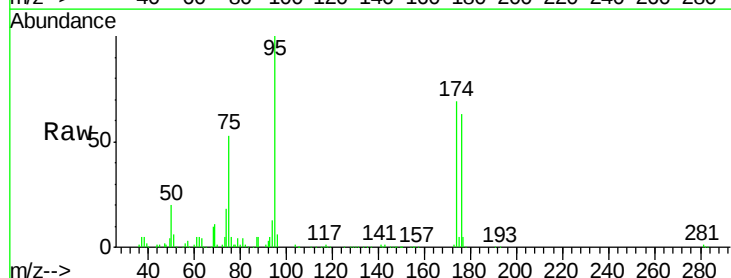
Acq: 31 Mar 2020 13:00

Tgt Ion: 75 Resp: 57558

Ion Ratio Lower Upper

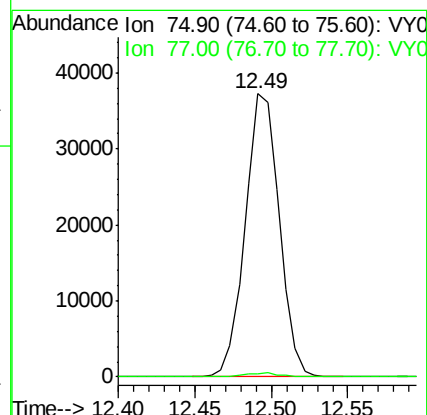
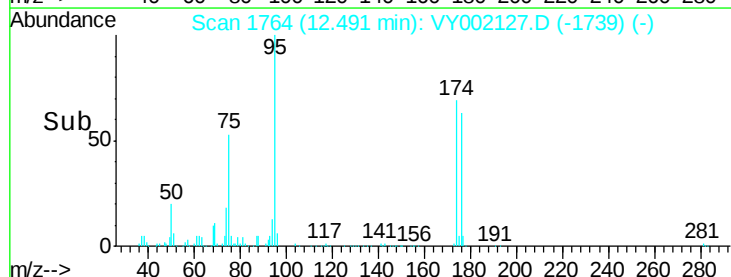
75 100

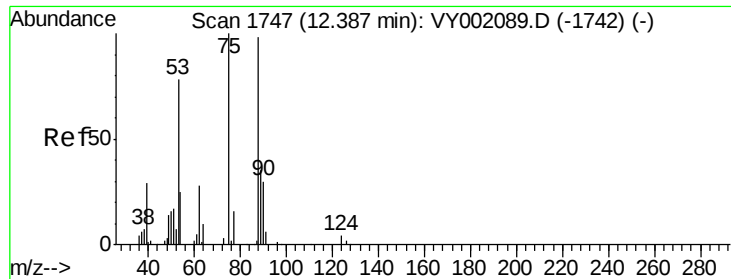
77 1.3 0.0 0.0#



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: 90.88 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002127.D

Acq: 31 Mar 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EXTERIOR-WALL

Tgt Ion: 75 Resp: 57558

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

