

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002126.D
 Acq On : 31 Mar 2020 12:38
 Operator : SY/MD
 Sample : L2071-01
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INTERIOR-WALL

Quant Time: Mar 31 15:00:48 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	136009	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	260559	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	239920	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	104568	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	82970	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
35) Dibromofluoromethane	7.75	113	59188	40.54	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.08%	
50) Toluene-d8	10.20	98	319234	52.64	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.50	95	109847	51.79	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.58%	

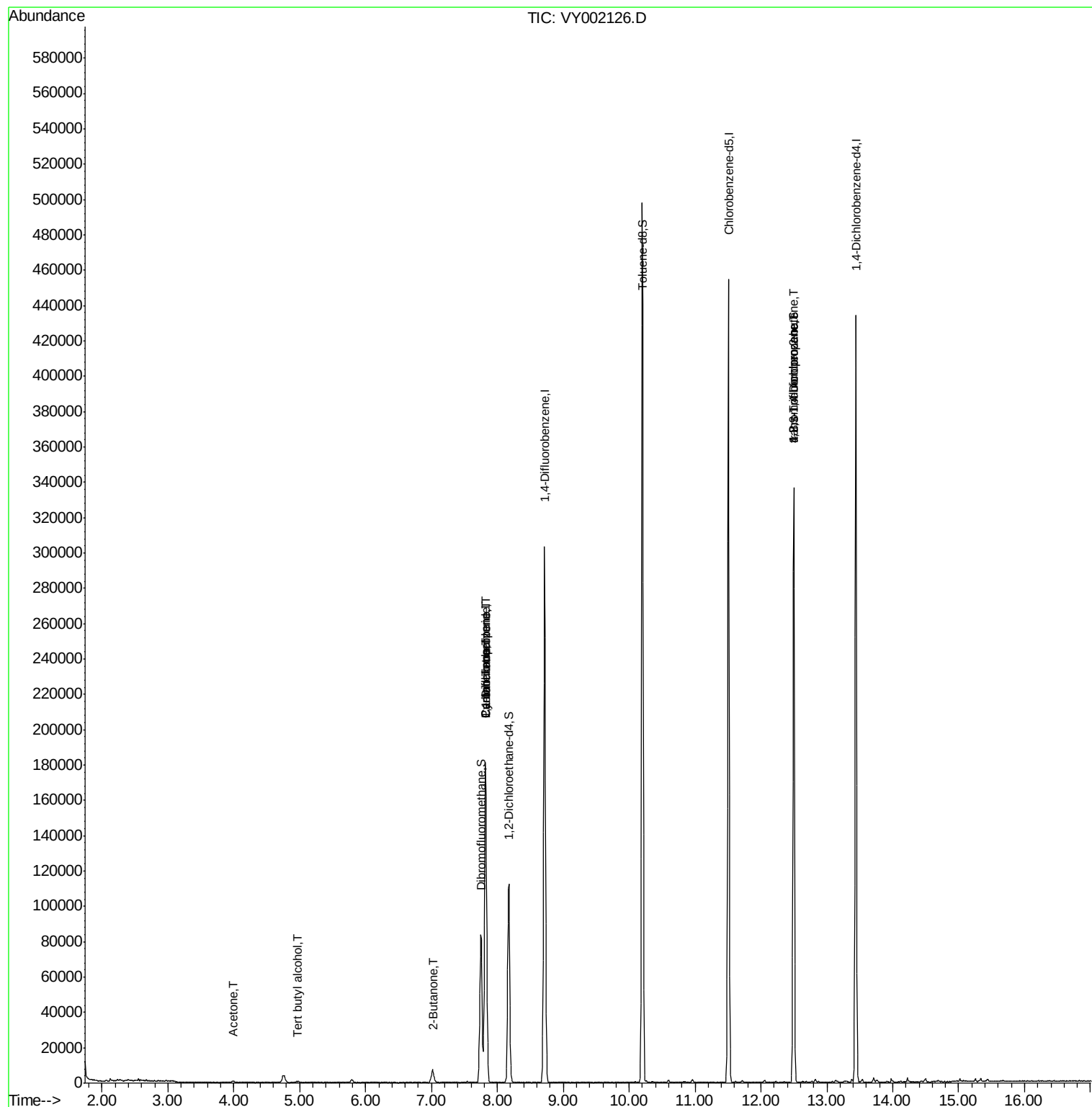
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	84	Below Cal	#	43
11) Tert butyl alcohol	4.96	59	353	1.99	ug/l #	74
16) Acetone	3.99	43	1219	2.89	ug/l	89
20) Methylene Chloride	4.75	84	3121	Below Cal		97
25) 2-Butanone	7.04	43	864	1.33	ug/l #	50
31) Cyclohexane	7.82	56	3278	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11734	4.76	ug/l #	49
38) Carbon Tetrachloride	7.82	117	13996	6.69	ug/l #	17
76) 1,2,3-Trichloropropane	12.50	75	55734	47.65	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	55734	92.31	ug/l #	17

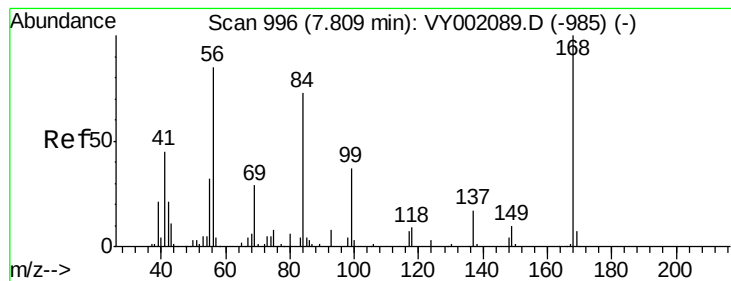
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002126.D

Acq: 31 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

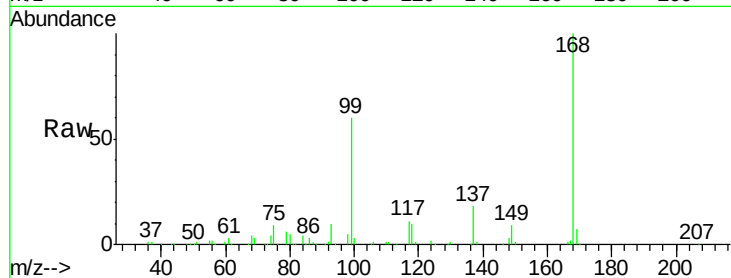
INTERIOR-WALL

Tgt Ion:168 Resp: 136009

Ion Ratio Lower Upper

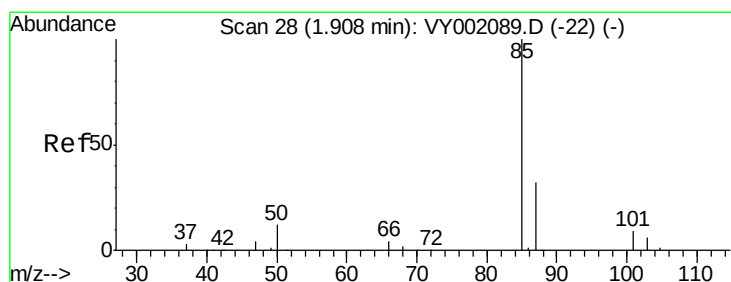
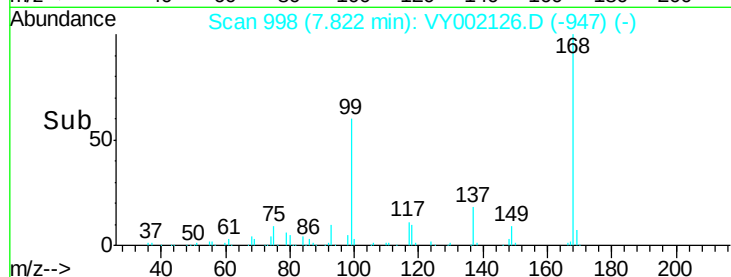
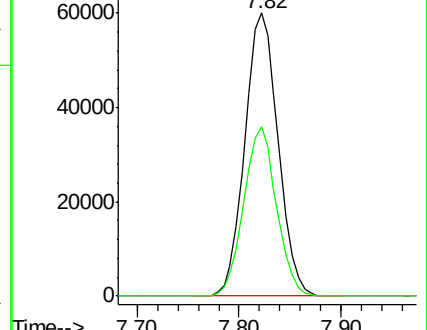
168 100

99 60.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002126.D

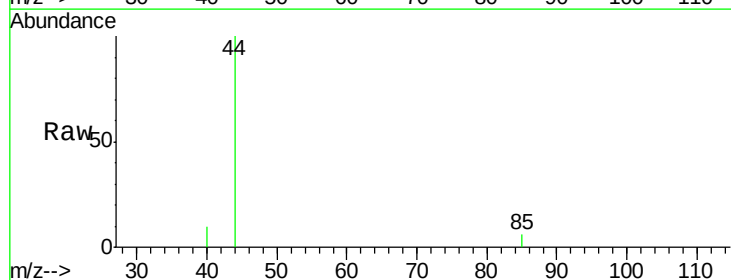
Acq: 31 Mar 2020 12:38

Tgt Ion: 85 Resp: 84

Ion Ratio Lower Upper

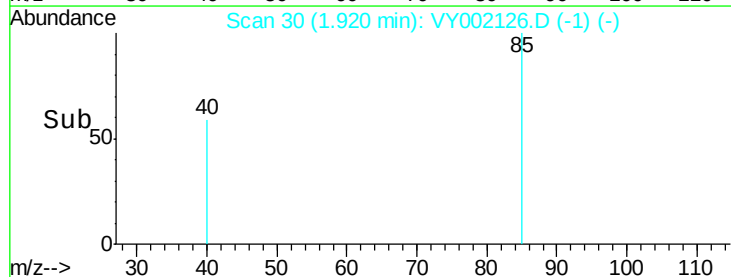
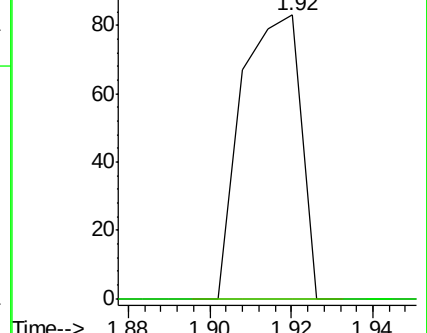
85 100

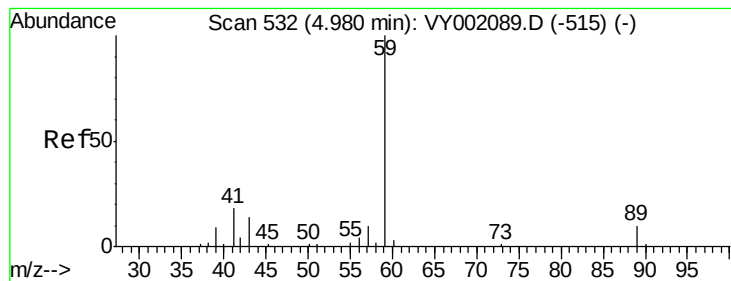
87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)





#11

Tert butyl alcohol

Concen: 1.99 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.02 min

Lab File: VY002126.D

Acq: 31 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

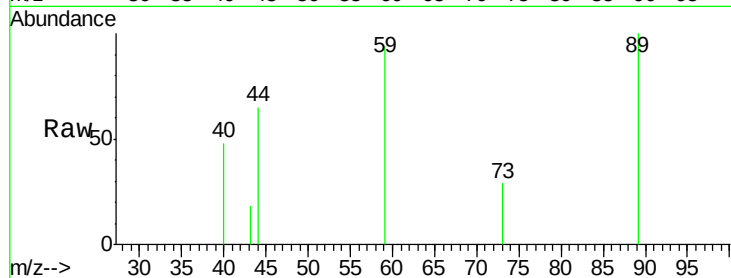
INTERIOR-WALL

Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

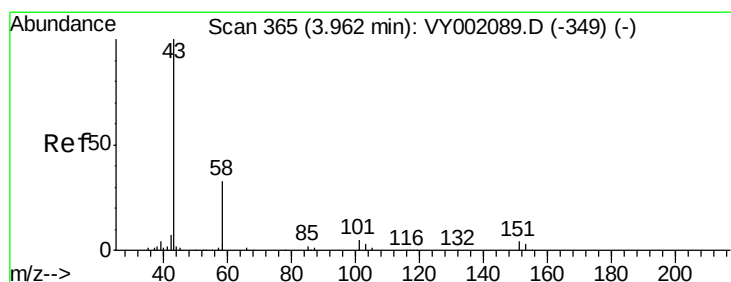
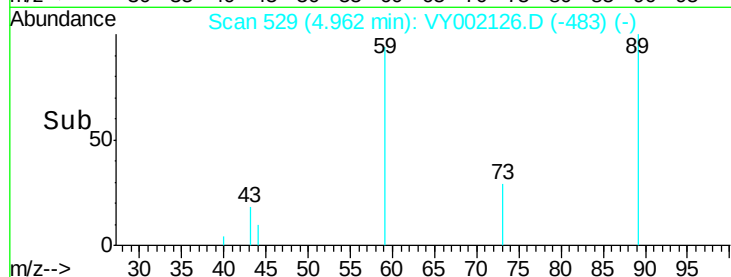
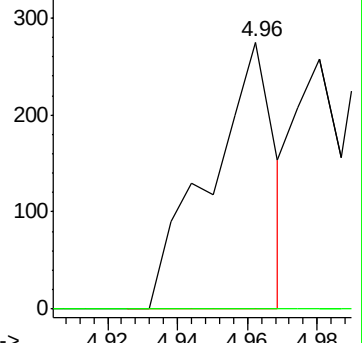
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#16

Acetone

Concen: 2.89 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.03 min

Lab File: VY002126.D

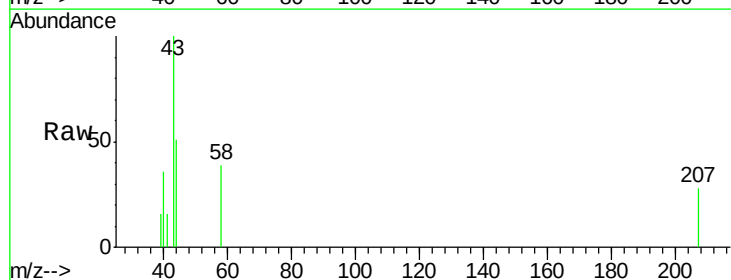
Acq: 31 Mar 2020 12:38

Tgt Ion: 43 Resp: 1219

Ion Ratio Lower Upper

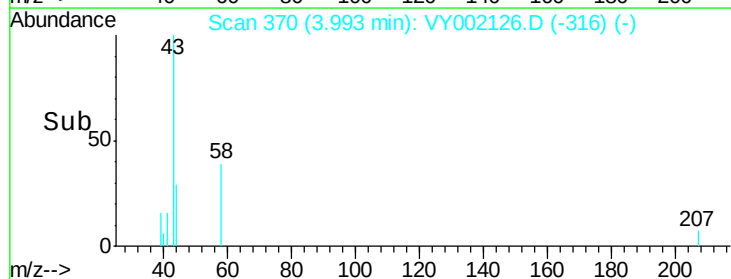
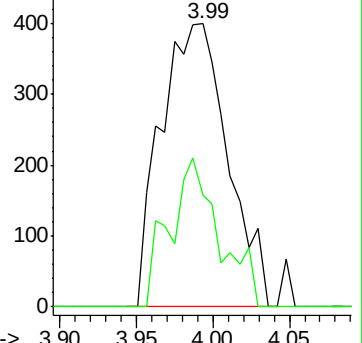
43 100

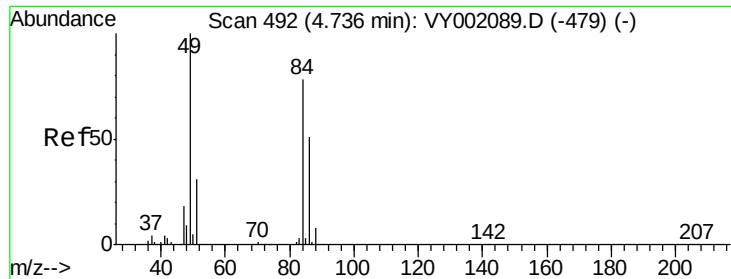
58 39.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

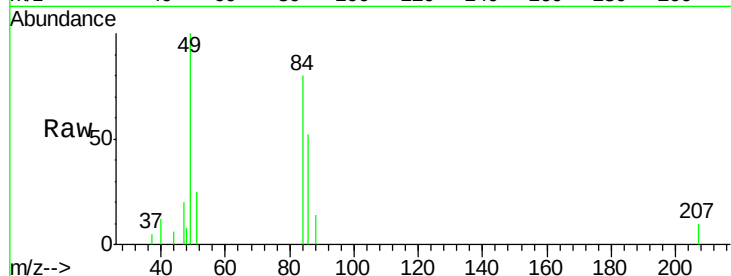




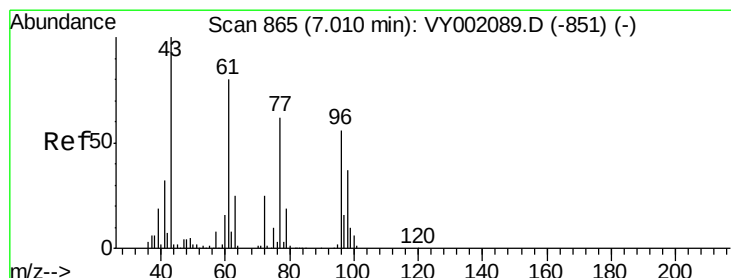
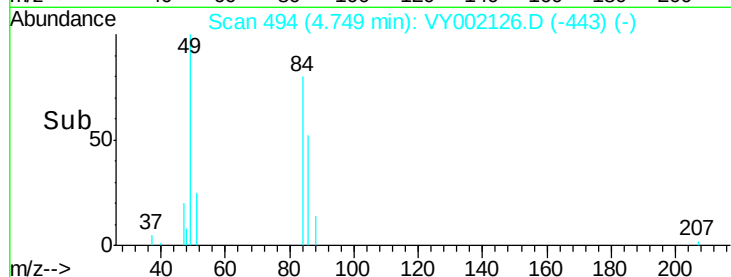
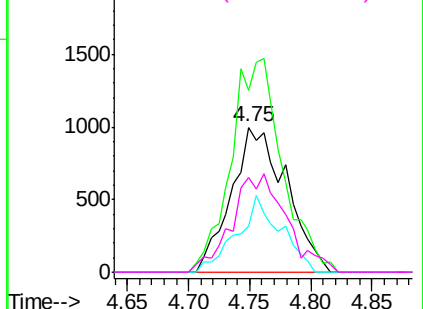
#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002126.D
Acq: 31 Mar 2020 12:38

Instrument :
MSVOA_Y
ClientSampleId :
INTERIOR-WALL

Tgt Ion:	84	Resp:	3121
Ion	Ratio	Lower	Upper
84	100		
49	125.3	102.2	153.4
51	31.6	31.2	46.8
86	65.4	52.6	78.8

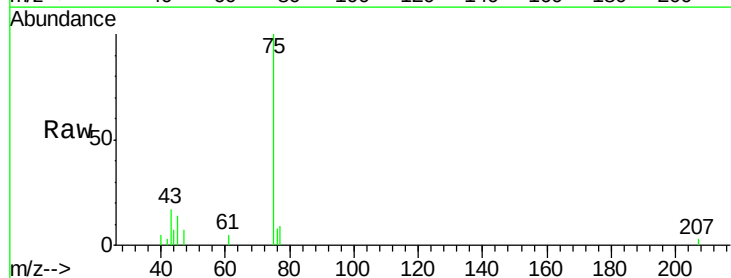


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

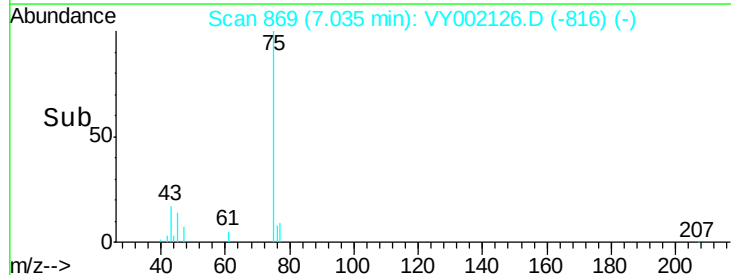
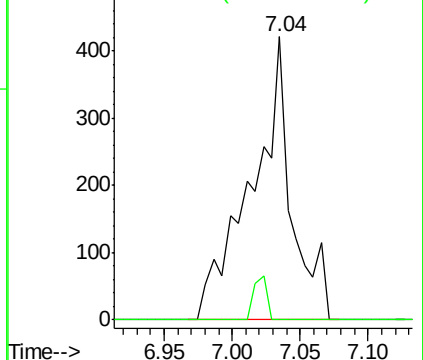


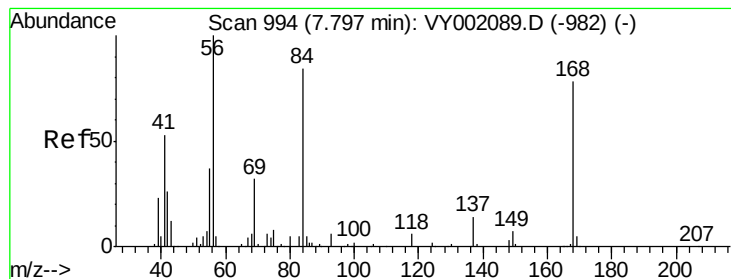
#25
2-Butanone
Concen: 1.33 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY002126.D
Acq: 31 Mar 2020 12:38

Tgt Ion:	43	Resp:	864
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.05 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002126.D

Acq: 31 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

INTERIOR-WALL

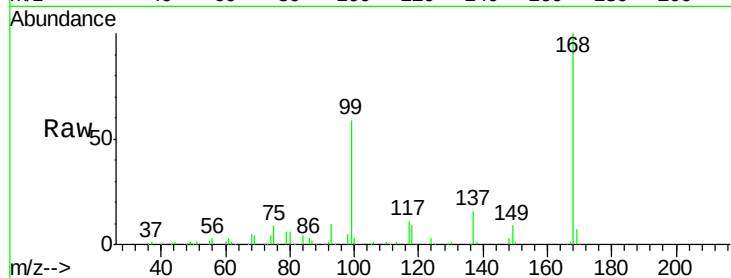
Tgt Ion: 56 Resp: 3278

Ion Ratio Lower Upper

56 100

69 153.6 25.8 38.8#

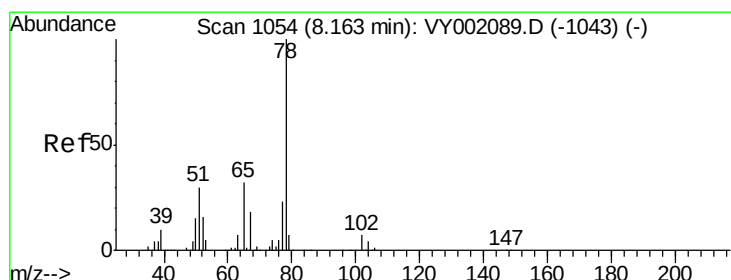
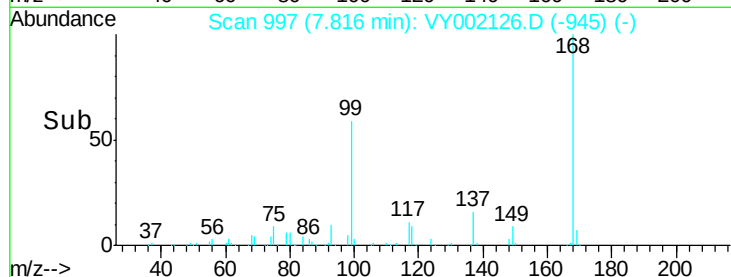
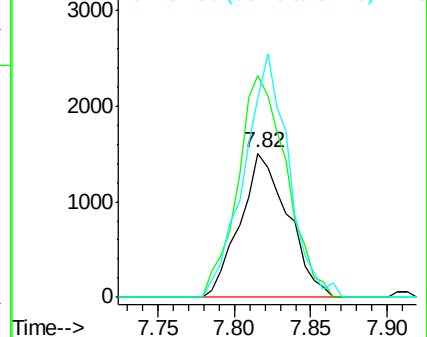
84 138.2 67.1 100.7#



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: 55.18 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002126.D

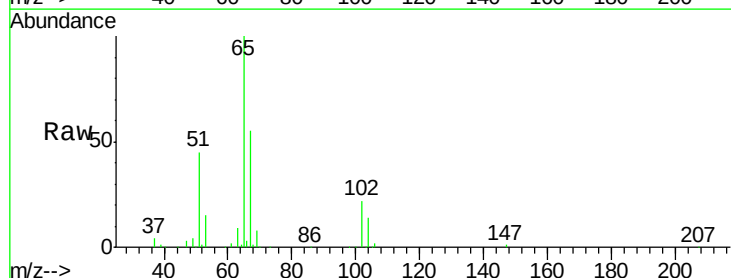
Acq: 31 Mar 2020 12:38

Tgt Ion: 65 Resp: 82970

Ion Ratio Lower Upper

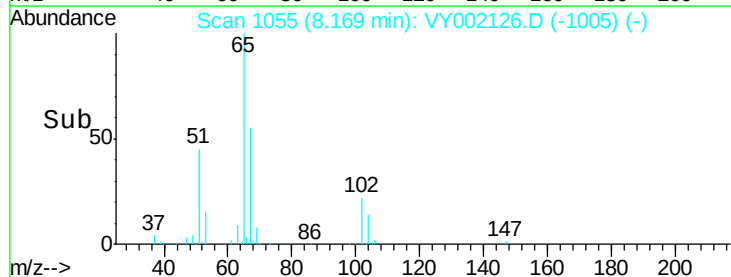
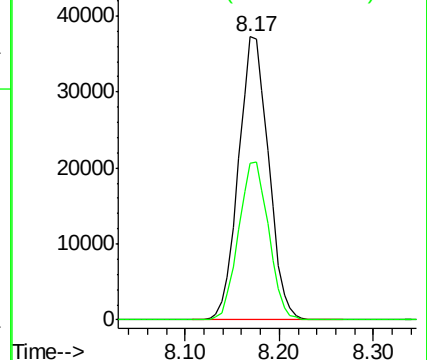
65 100

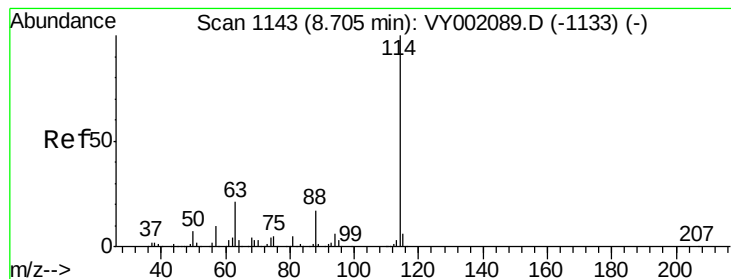
67 55.7 0.0 112.8



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: VY002126.D

Acq: 31 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

INTERIOR-WALL

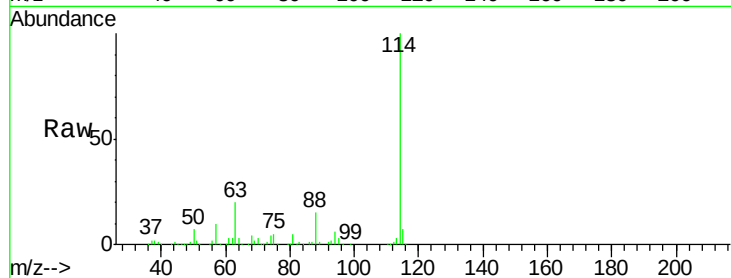
Tgt Ion:114 Resp: 260559

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

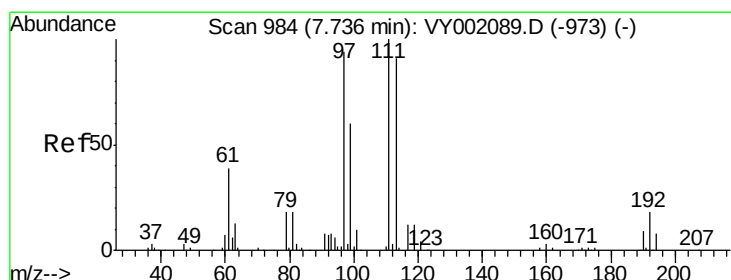
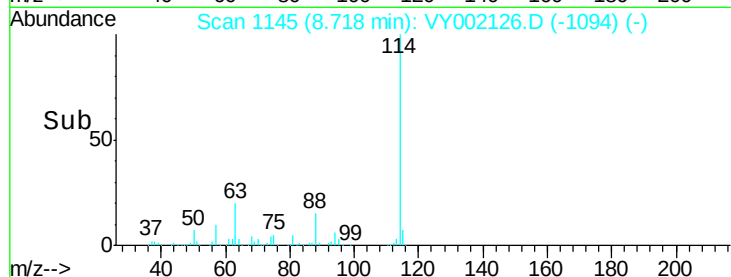
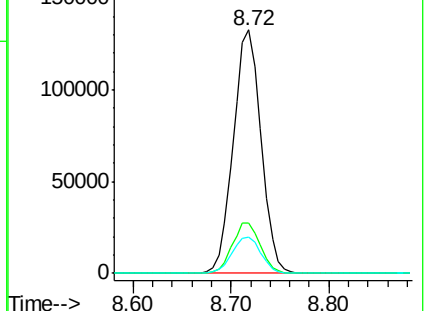
88 15.1 0.0 33.0



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: 40.54 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002126.D

Acq: 31 Mar 2020 12:38

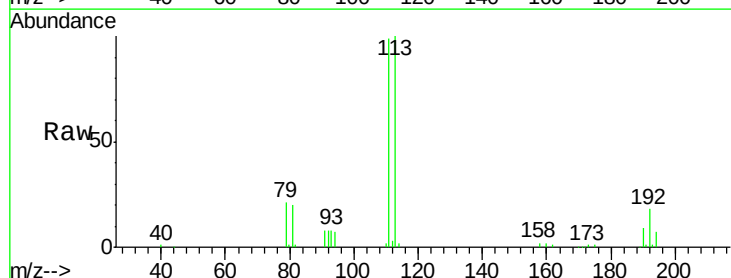
Tgt Ion:113 Resp: 59188

Ion Ratio Lower Upper

113 100

111 104.3 84.4 126.6

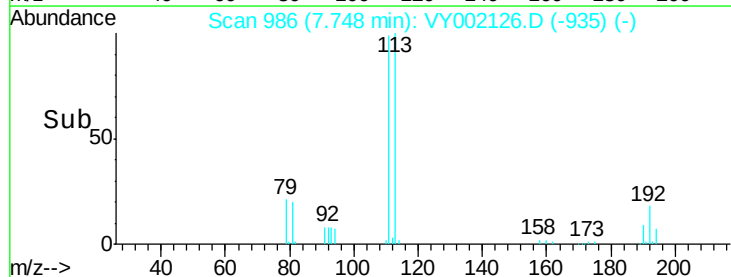
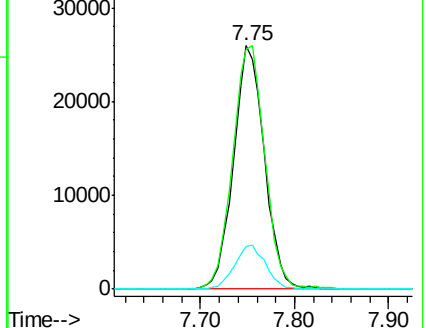
192 18.2 14.6 21.8

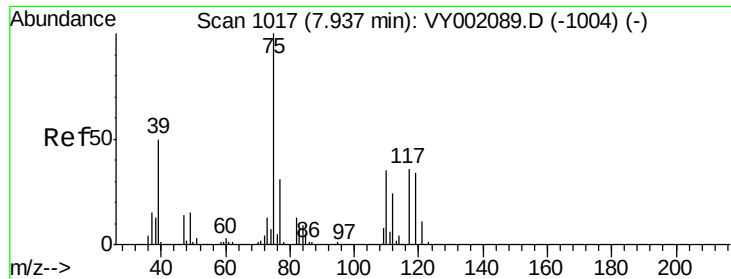


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

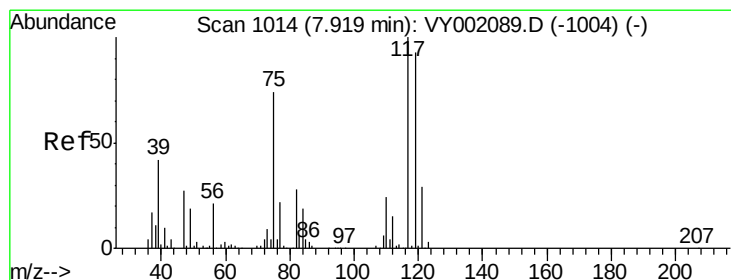
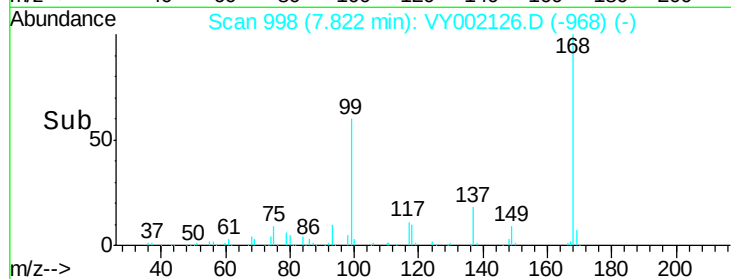
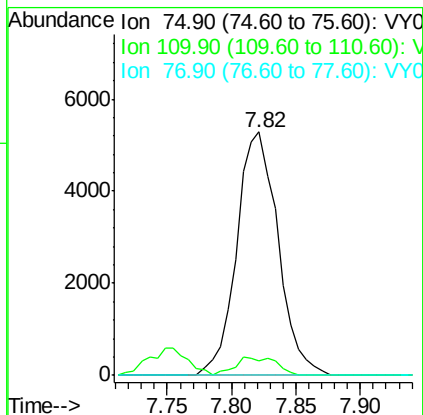
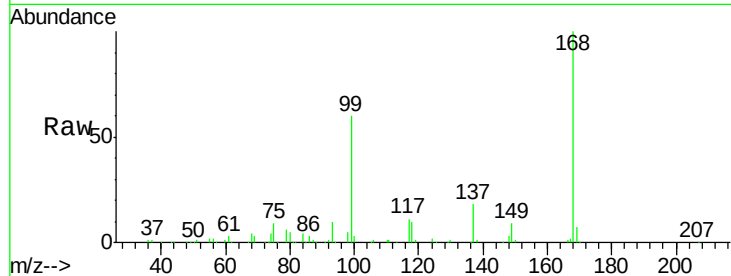




#36
 1,1-Dichloropropene
 Concen: 4.76 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY002126.D
 Acq: 31 Mar 2020 12:38

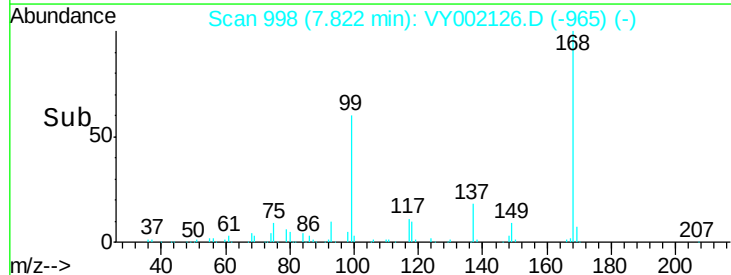
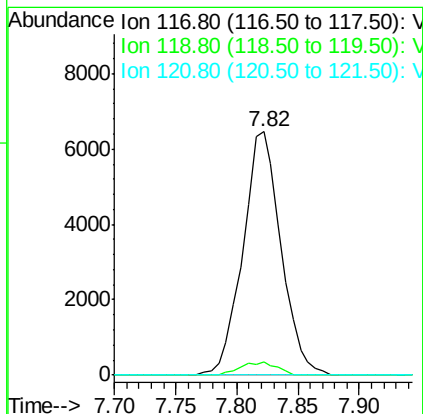
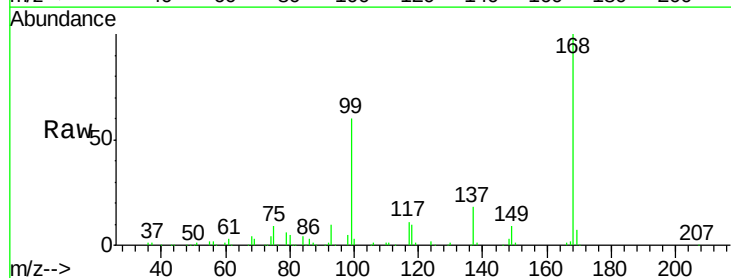
Instrument :
 MSVOA_Y
 ClientSampleId :
 INTERIOR-WALL

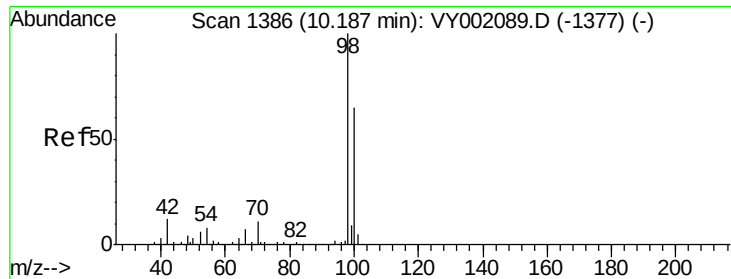
Tgt Ion: 75 Resp: 11734
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.2 51.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.69 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY002126.D
 Acq: 31 Mar 2020 12:38

Tgt Ion: 117 Resp: 13996
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.3 111.5#
 121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 52.64 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002126.D

Acq: 31 Mar 2020 12:38

Instrument :

MSVOA_Y

ClientSampled :

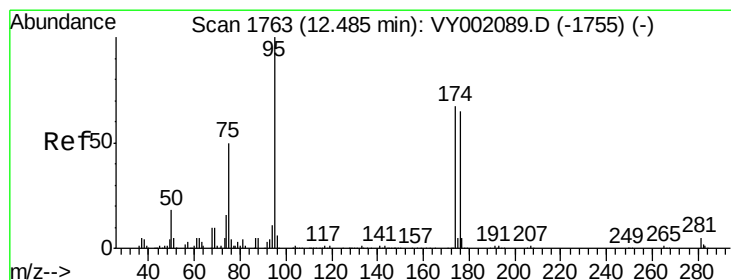
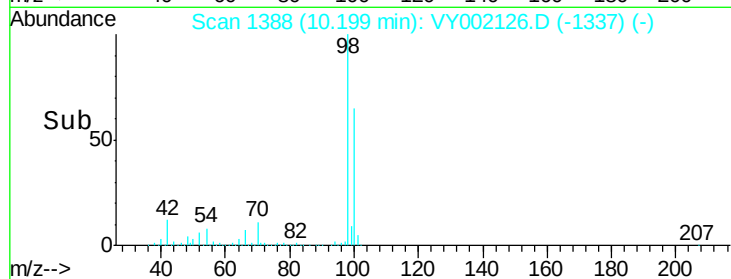
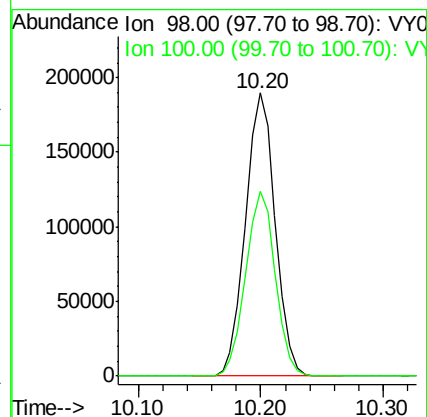
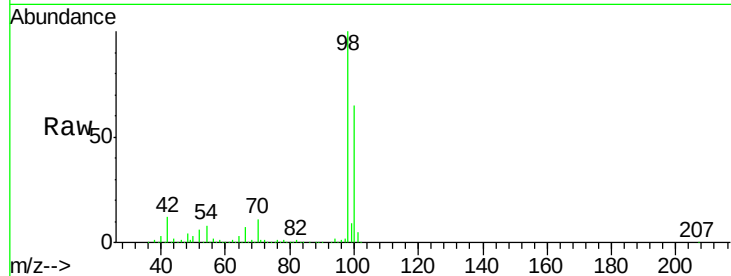
INTERIOR-WALL

Tgt Ion: 98 Resp: 319234

Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.79 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002126.D

Acq: 31 Mar 2020 12:38

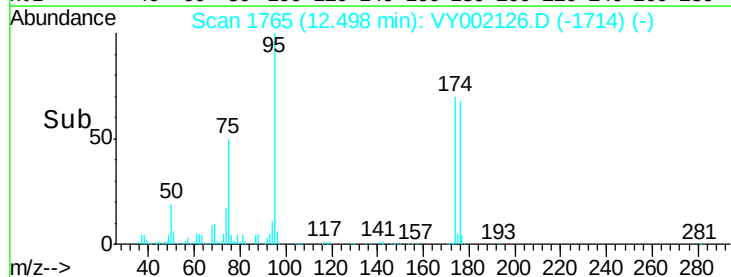
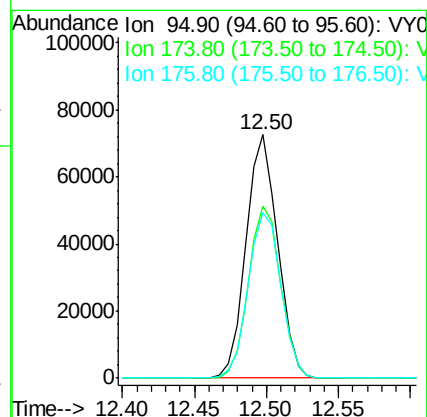
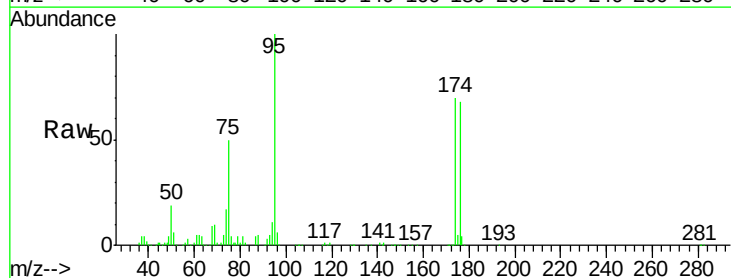
Tgt Ion: 95 Resp: 109847

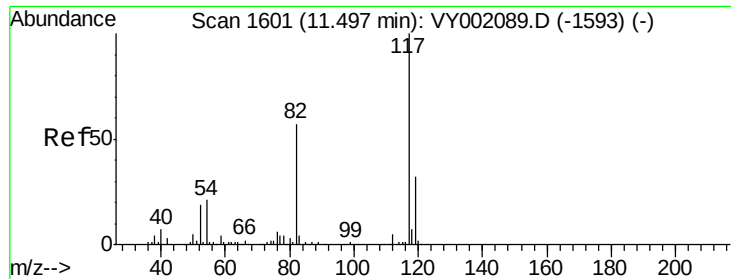
Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.4

176 70.3 0.0 137.0

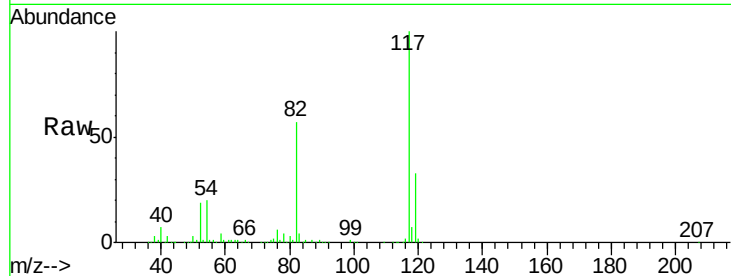




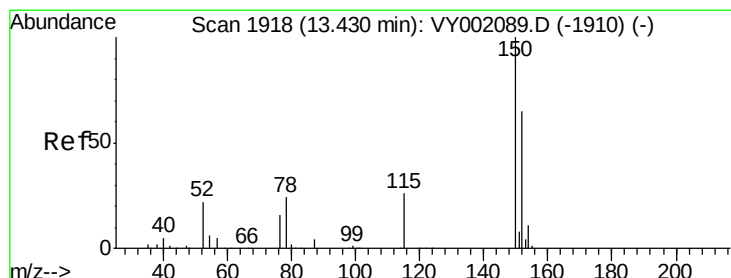
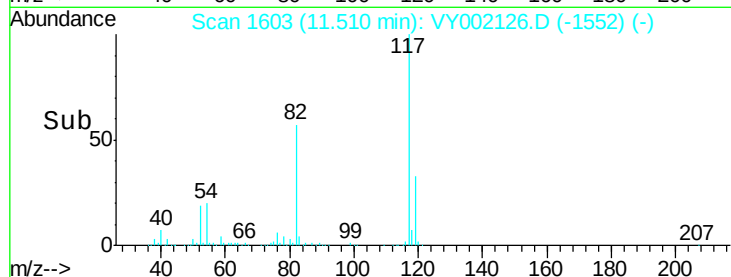
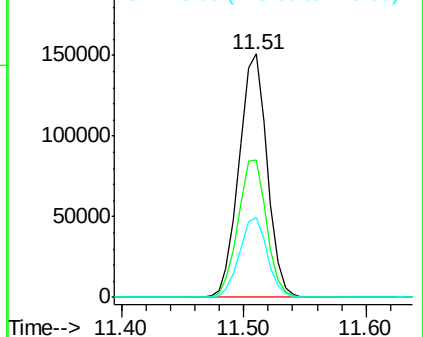
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002126.D
Acq: 31 Mar 2020 12:38

Instrument :
MSVOA_Y
ClientSampleId :
INTERIOR-WALL

Tgt Ion:117 Resp: 239920
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.9 25.3 37.9

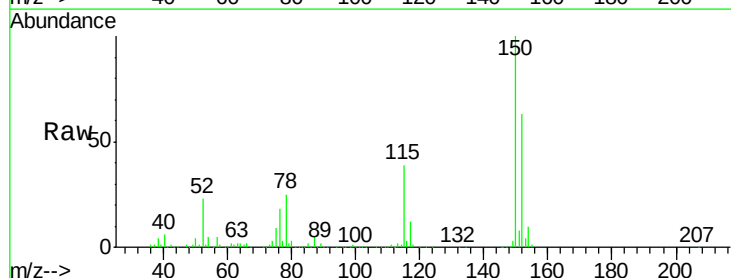


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

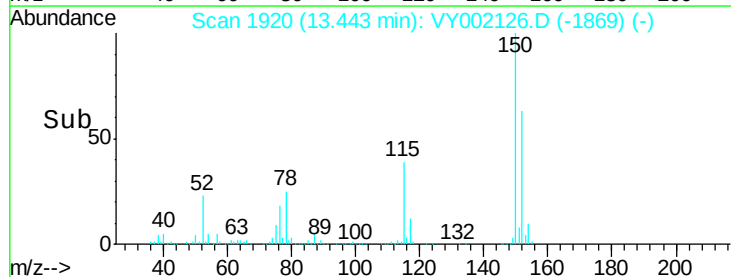
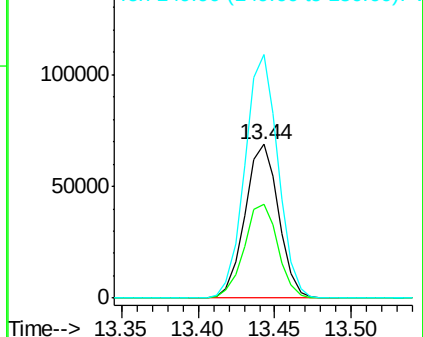


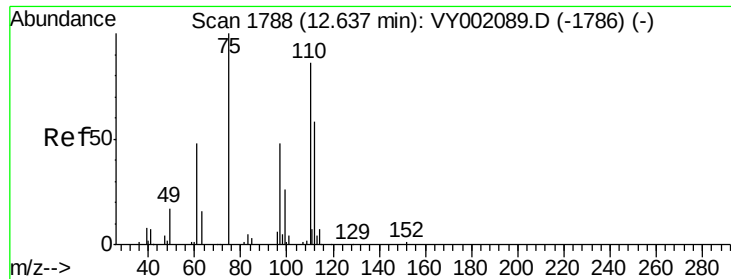
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002126.D
Acq: 31 Mar 2020 12:38

Tgt Ion:152 Resp: 104568
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 157.1 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

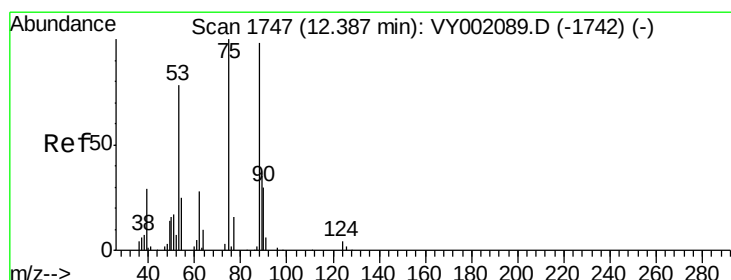
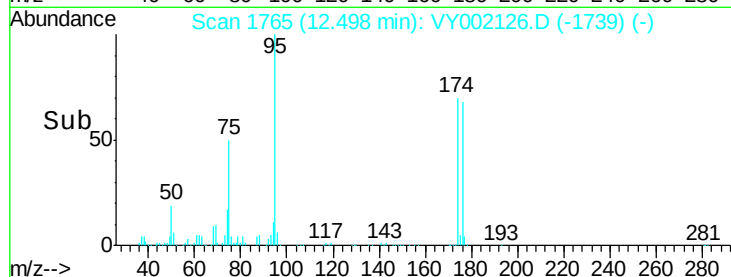
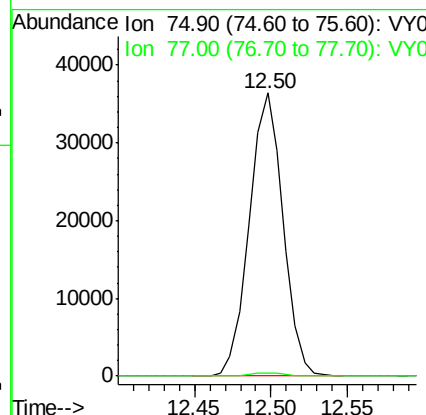
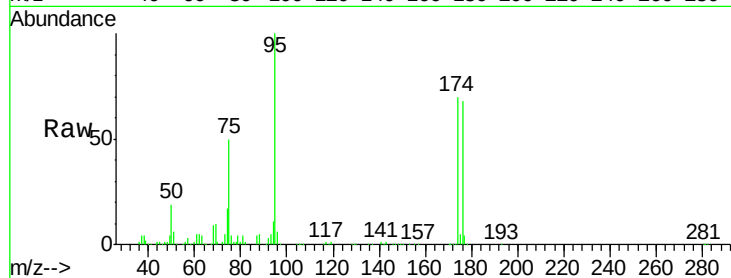




#76
 1,2,3-Trichloropropane
 Concen: 47.65 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. -0.14 min
 Lab File: VY002126.D
 Acq: 31 Mar 2020 12:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 INTERIOR-WALL

Tgt Ion: 75 Resp: 55734
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.31 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.11 min
 Lab File: VY002126.D
 Acq: 31 Mar 2020 12:38

Tgt Ion: 75 Resp: 55734
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.0 33.4 50.0#

