

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002099.D
 Acq On : 27 Mar 2020 12:55
 Operator : SY/MD
 Sample : L2042-03RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.5-6.0

Quant Time: Mar 30 03:24:15 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	7.80	168	130311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	254908	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	236444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	84258	58.49	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	116.98%	
35) Dibromofluoromethane	7.73	113	76137	53.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.62%	
50) Toluene-d8	10.18	98	308437	51.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.48	95	106352	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	

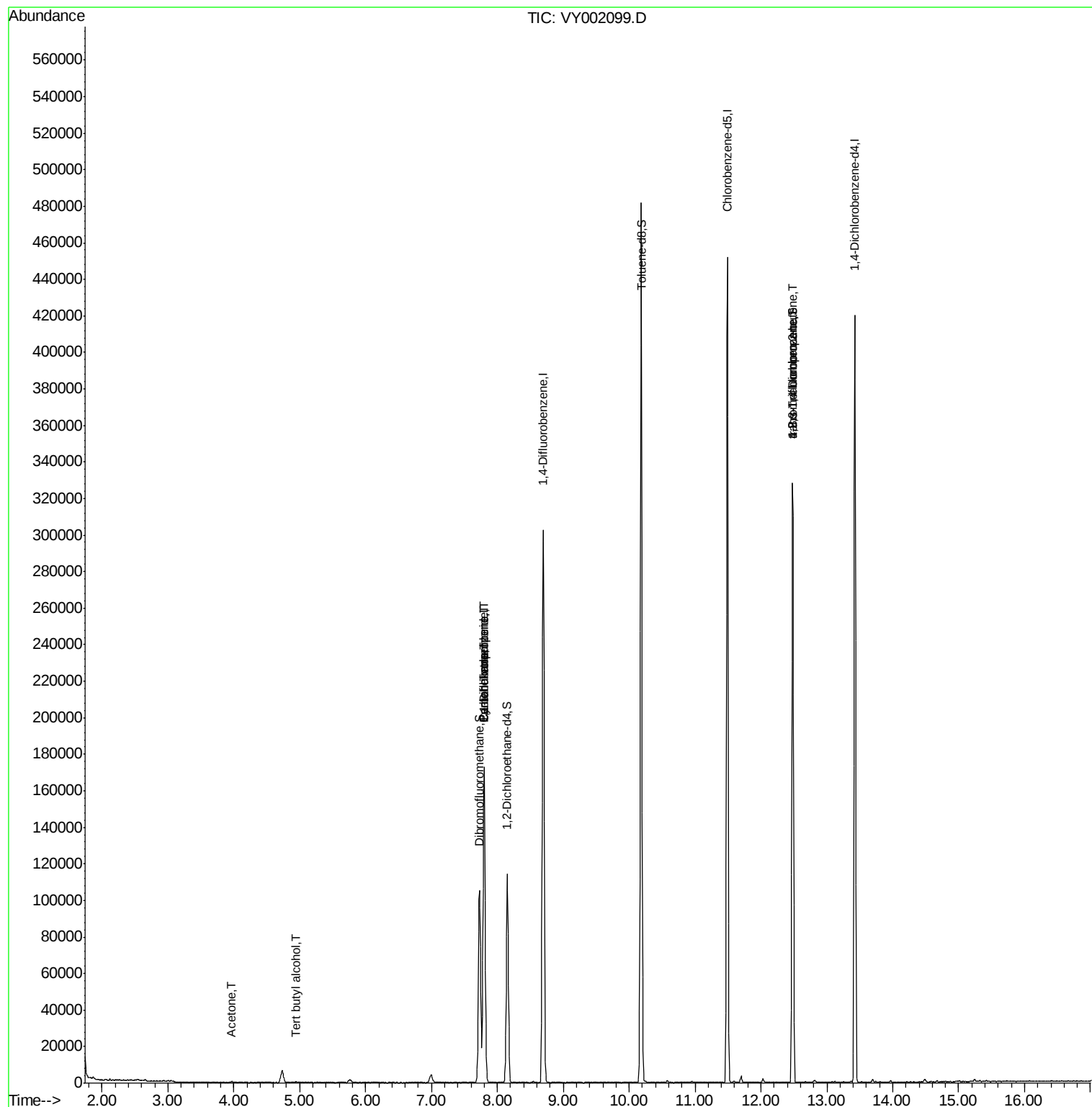
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	101	Below Cal	#	43
11) Tert butyl alcohol	4.94	59	342	2.015	ug/l #	74
16) Acetone	3.97	43	681	1.683	ug/l	94
20) Methylene Chloride	4.73	84	4715	Below Cal	#	87
31) Cyclohexane	7.80	56	3157	1.052	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	11264	4.672	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13547	6.623	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	53528	47.389	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	53528	91.808	ug/l #	17

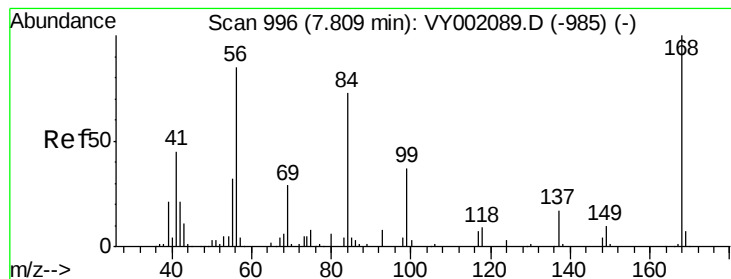
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
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: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

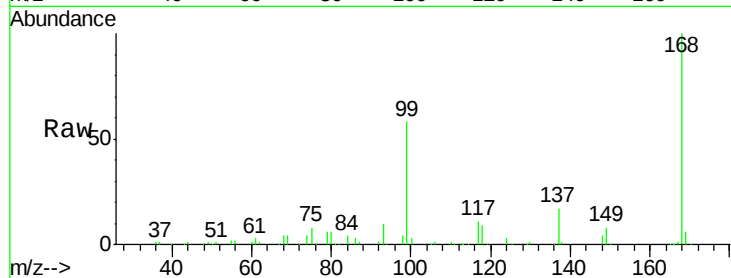
SB-03-5.5-6.0

Tgt Ion:168 Resp: 130311

Ion Ratio Lower Upper

168 100

99 58.4 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) (-)

7.80

60000

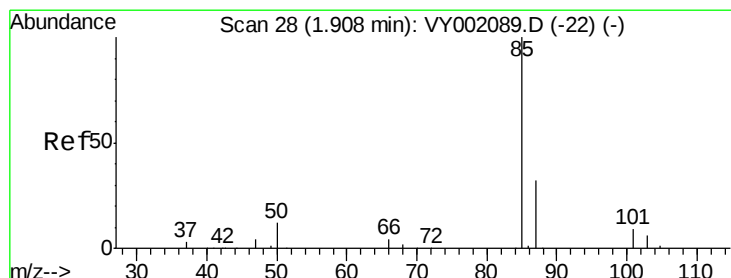
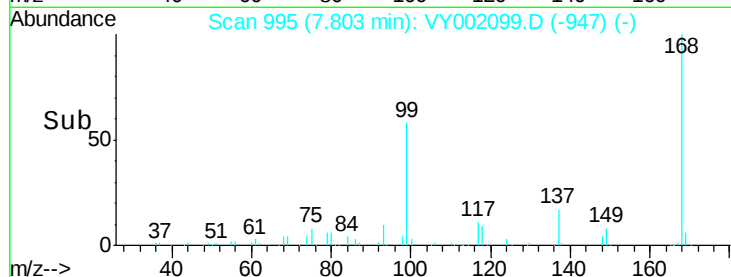
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002099.D

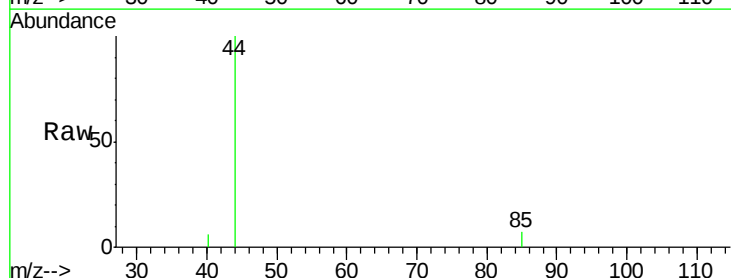
Acq: 27 Mar 2020 12:55

Tgt Ion: 85 Resp: 101

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) (-)

1.91

150

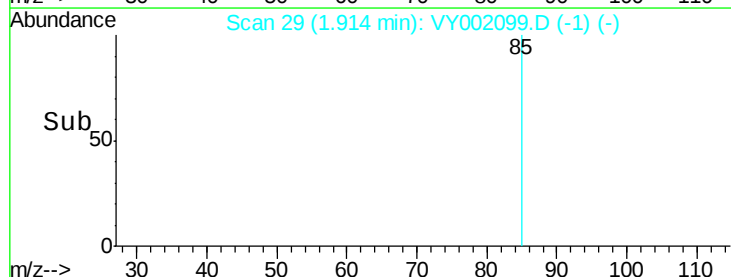
100

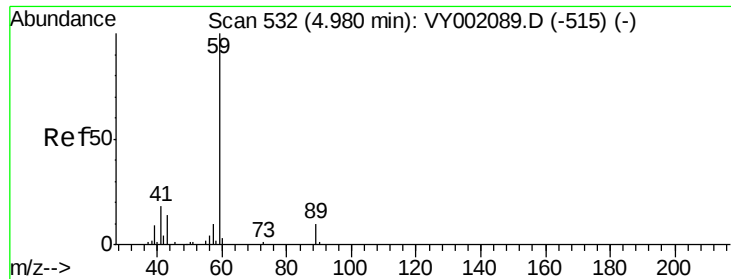
50

0

1.88 1.90 1.92 1.94

Time-->

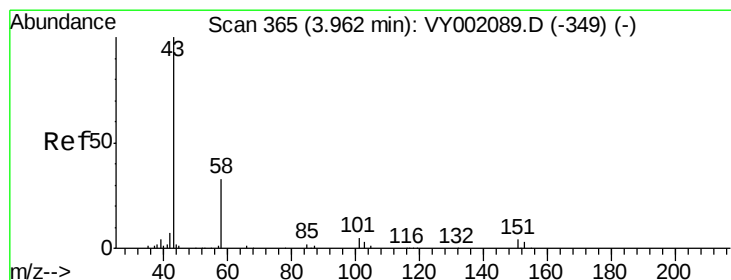
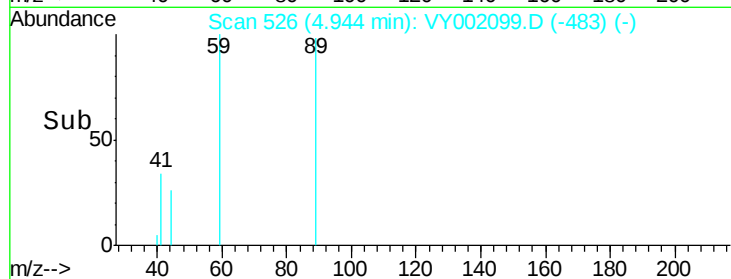
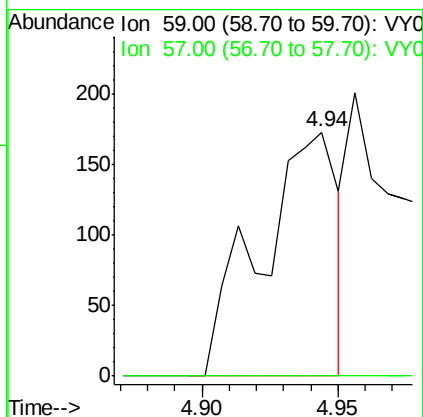
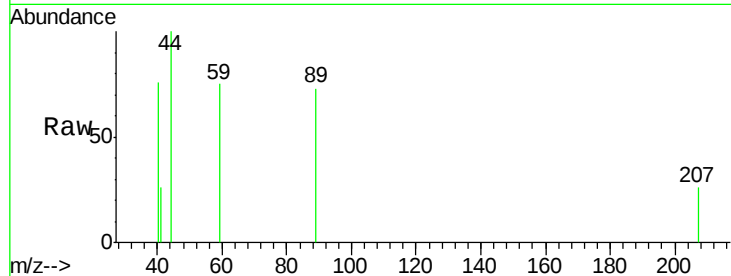




#11
Tert butyl alcohol
Concen: 2.015 ug/l
RT: 4.94 min Scan# 526
Delta R.T. -0.04 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

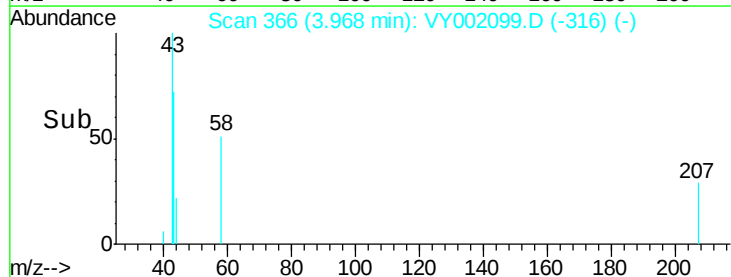
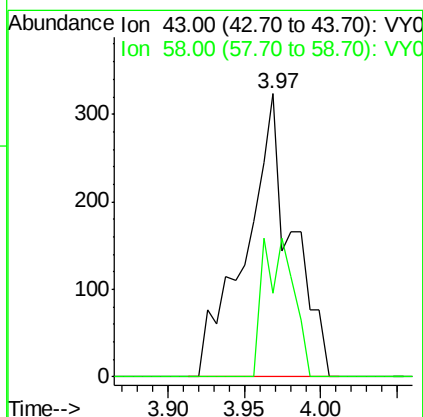
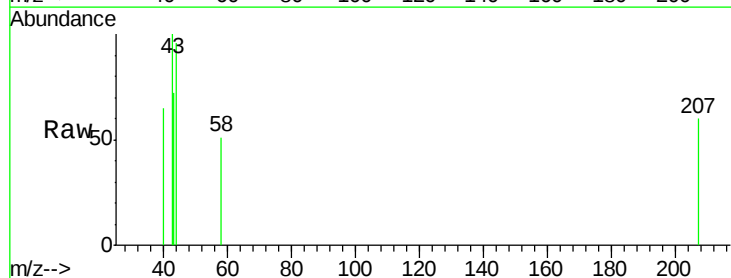
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

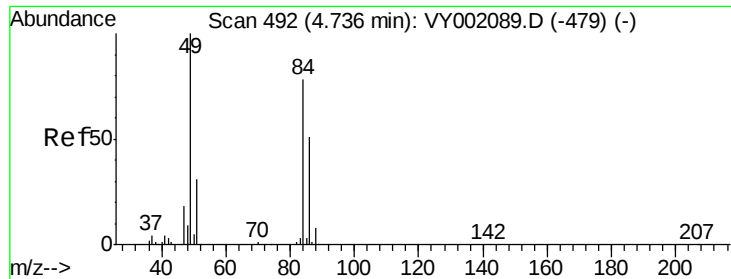
Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 1.683 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 29.7 26.3 39.5

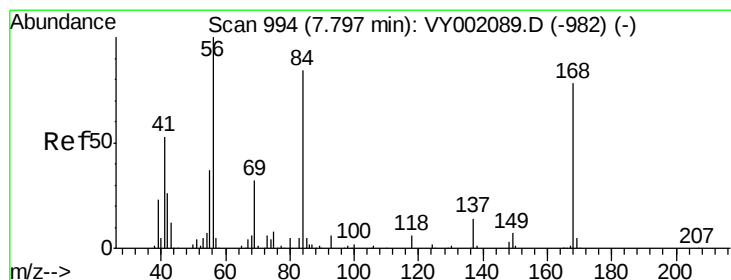
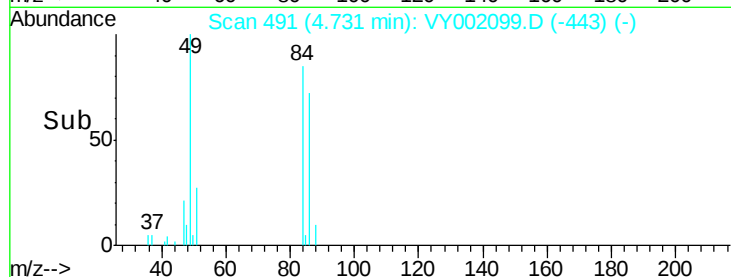
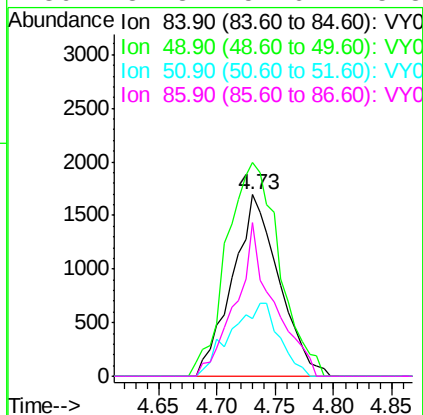
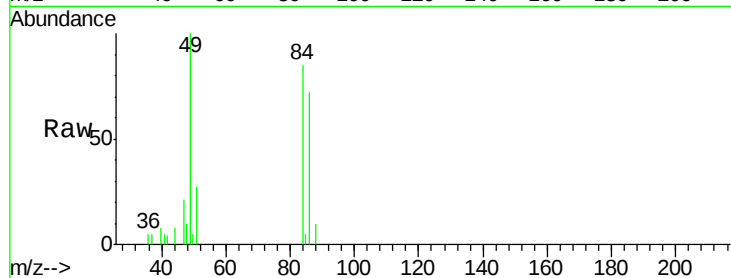




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

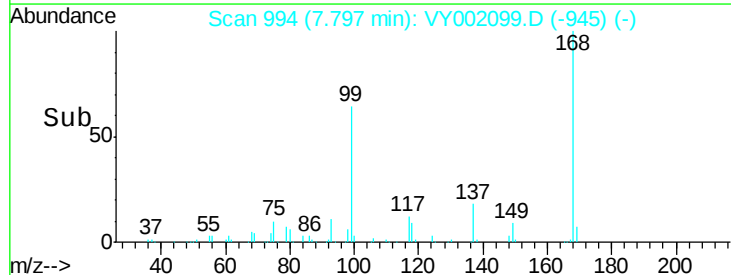
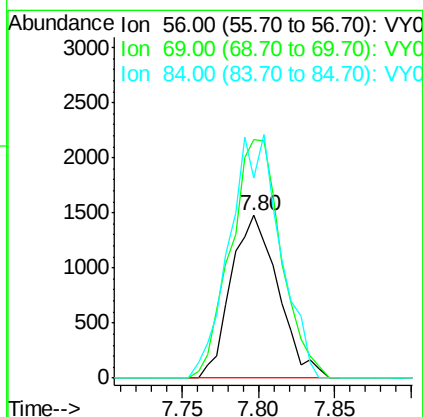
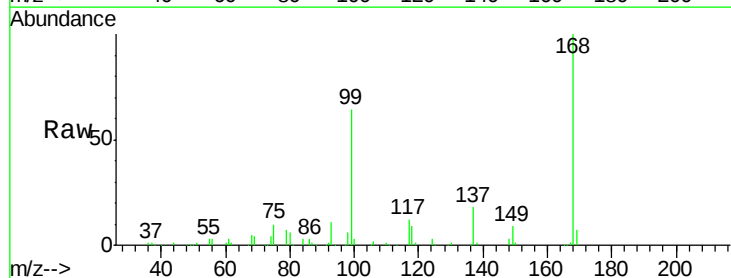
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

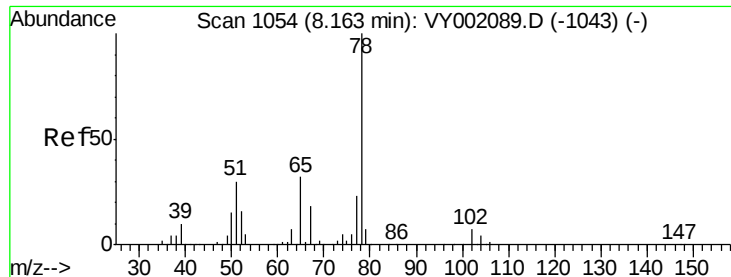
Tgt Ion: 84 Resp: 4715
Ion Ratio Lower Upper
84 100
49 117.7 102.2 153.4
51 31.5 31.2 46.8
86 84.3 52.6 78.8#



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

Tgt Ion: 56 Resp: 3157
Ion Ratio Lower Upper
56 100
69 146.9 25.8 38.8#
84 123.0 67.1 100.7#

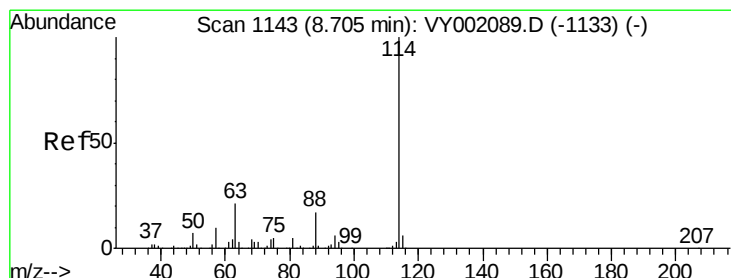
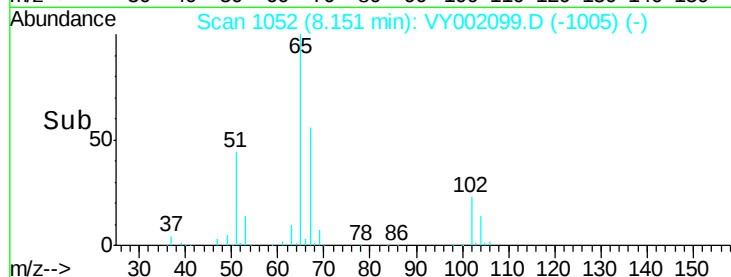
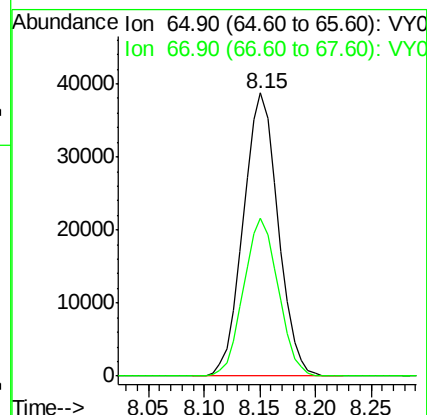
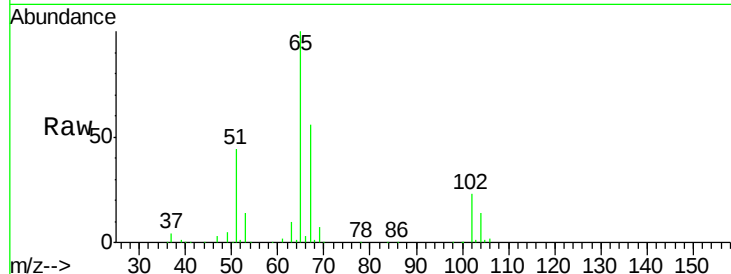




#33
 1,2-Dichloroethane-d4
 Concen: 58.490 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002099.D
 Acq: 27 Mar 2020 12:55

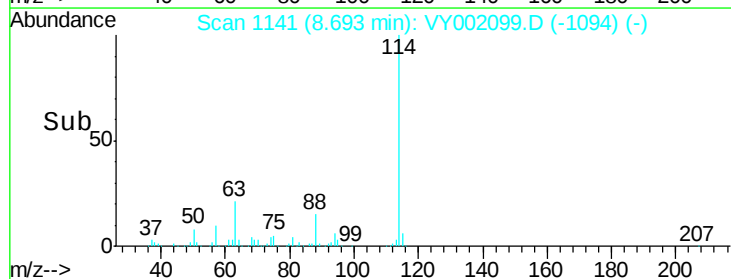
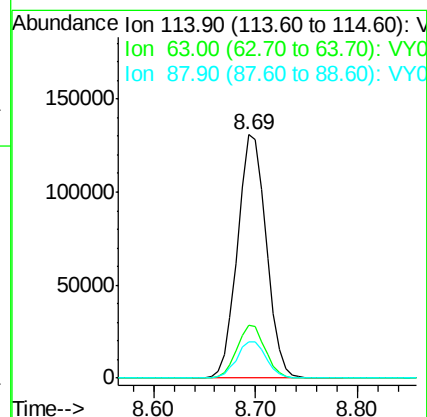
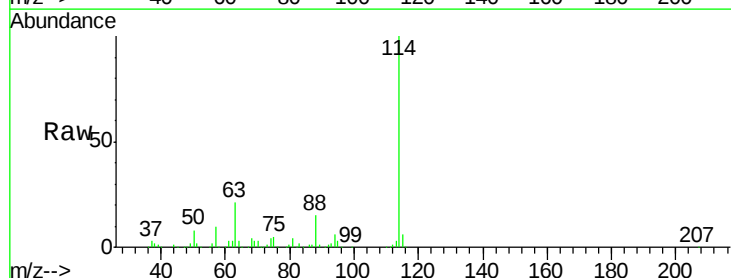
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.5-6.0

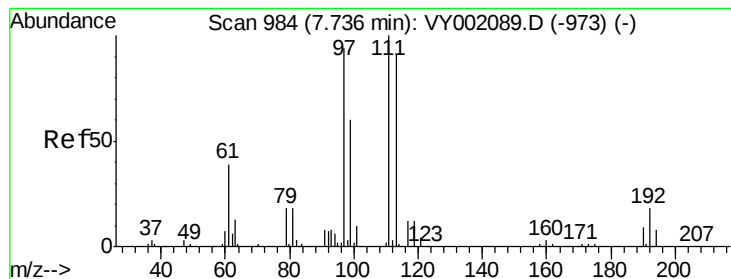
Tgt Ion: 65 Resp: 84258
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002099.D
 Acq: 27 Mar 2020 12:55

Tgt Ion: 114 Resp: 254908
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.307 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

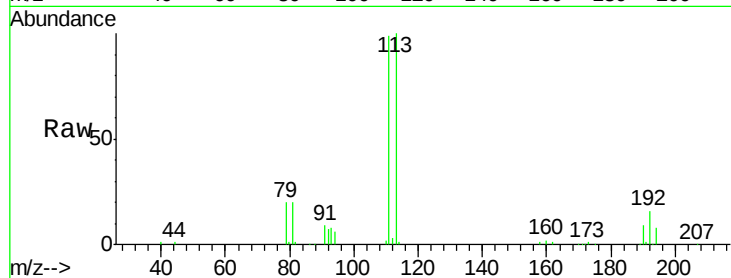
Tgt Ion:113 Resp: 76137

Ion Ratio Lower Upper

113 100

111 103.4 84.4 126.6

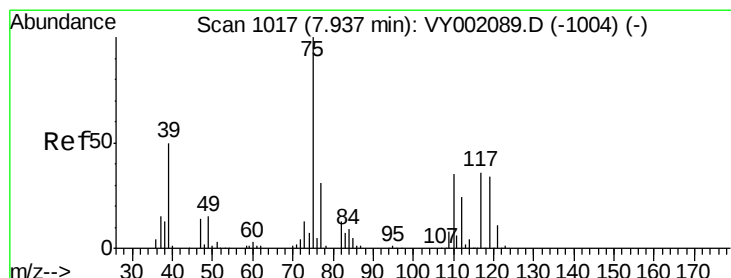
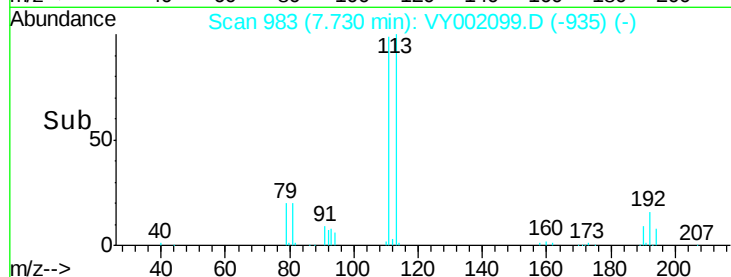
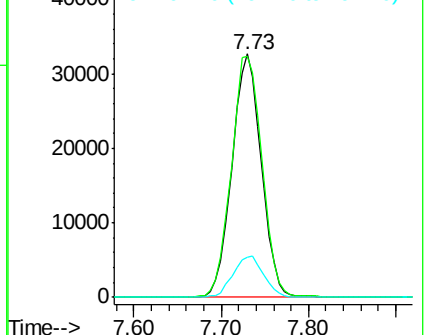
192 17.5 14.6 21.8



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: 4.672 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.14 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

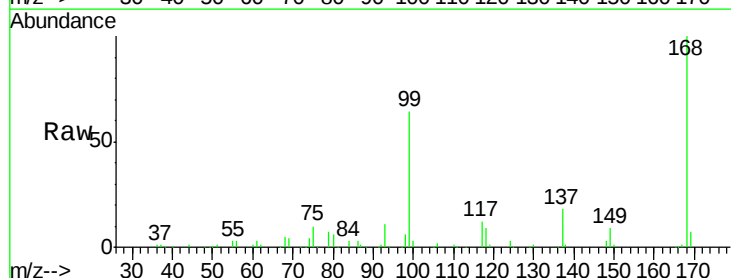
Tgt Ion: 75 Resp: 11264

Ion Ratio Lower Upper

75 100

110 7.8 17.2 51.6#

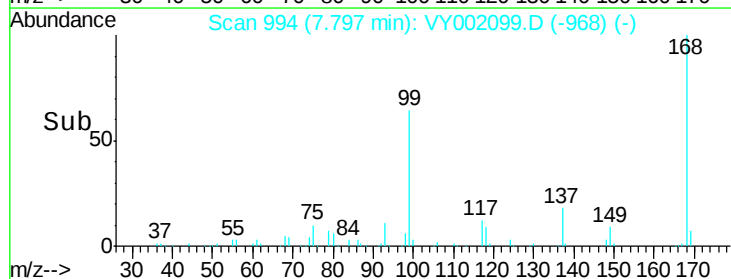
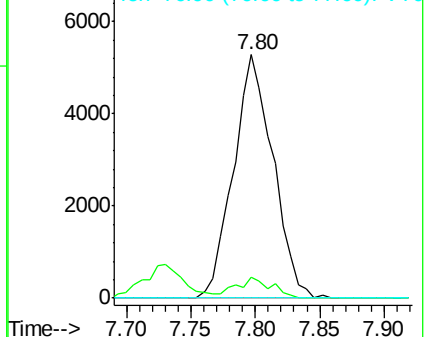
77 0.0 24.7 37.1#

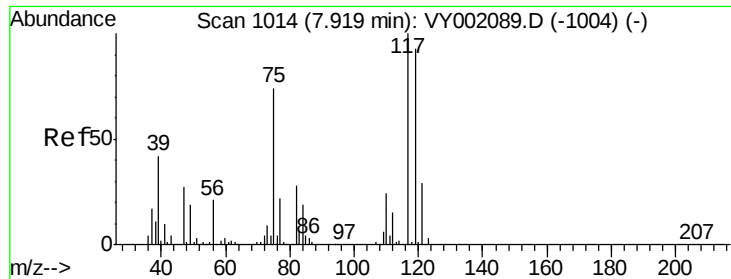


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.623 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

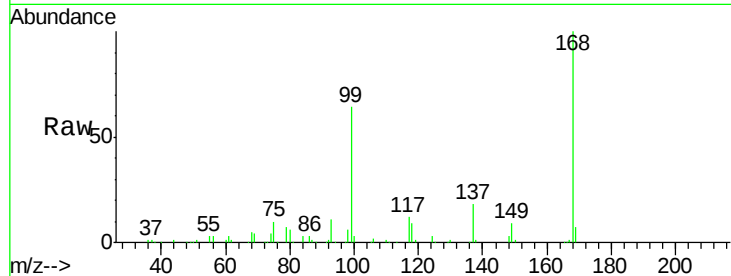
Tgt Ion:117 Resp: 13547

Ion Ratio Lower Upper

117 100

119 4.8 74.3 111.5#

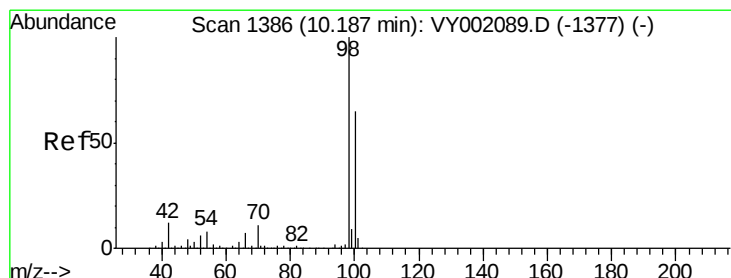
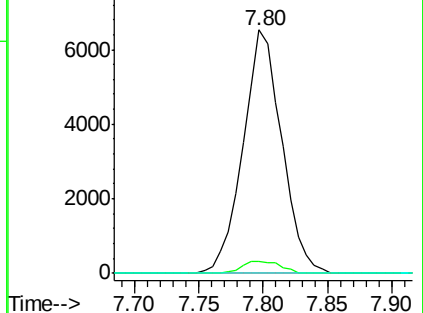
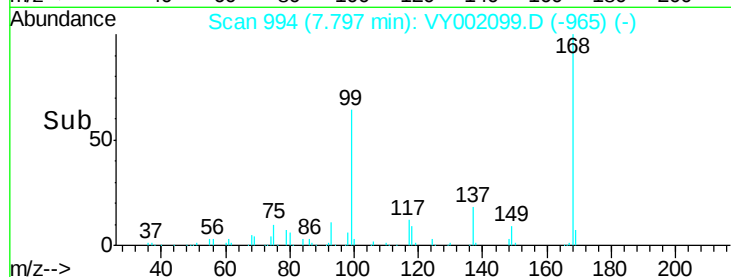
121 0.0 23.3 34.9#



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: 51.983 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002099.D

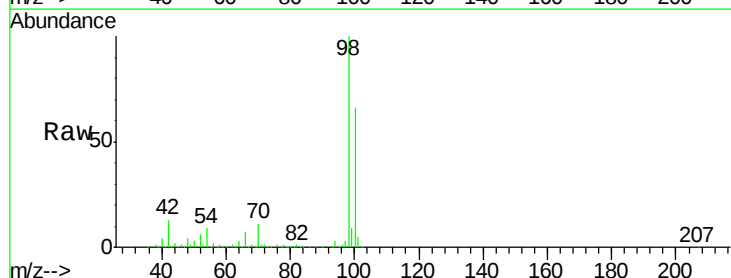
Acq: 27 Mar 2020 12:55

Tgt Ion: 98 Resp: 308437

Ion Ratio Lower Upper

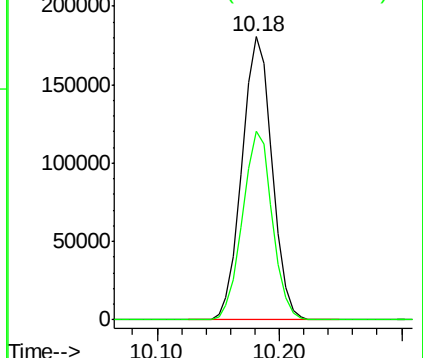
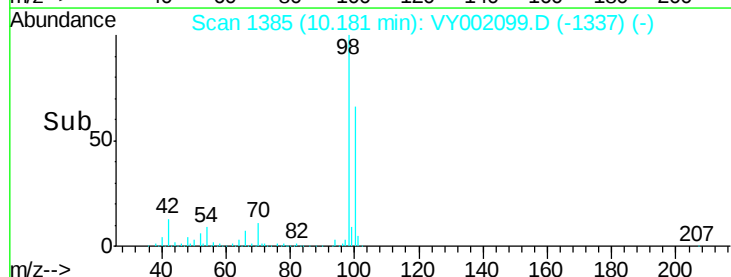
98 100

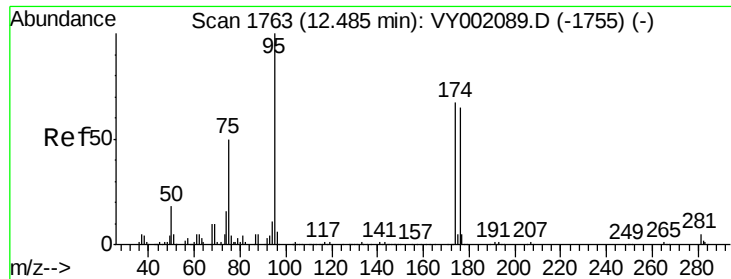
100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

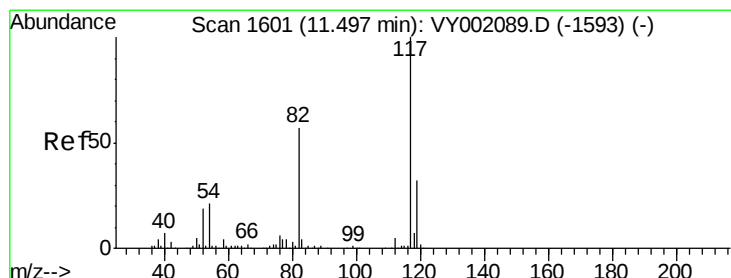
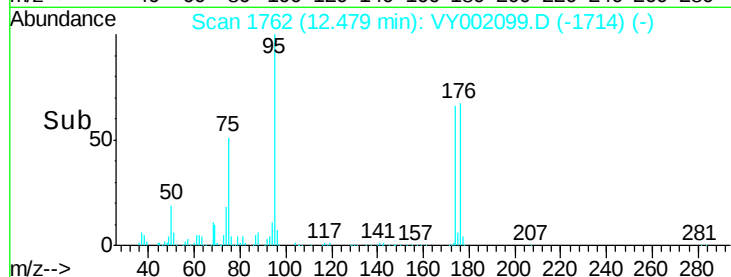
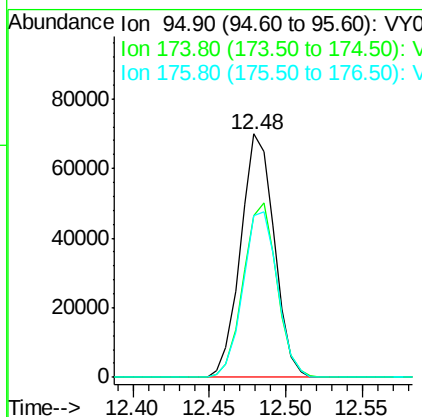
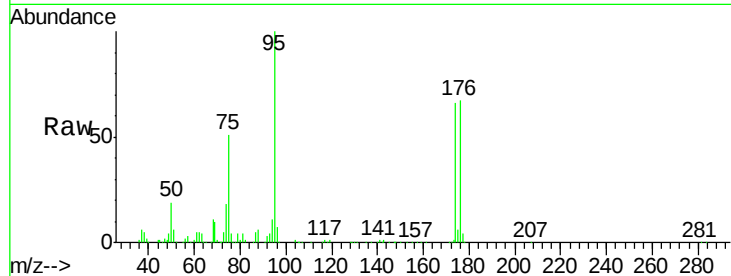




#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

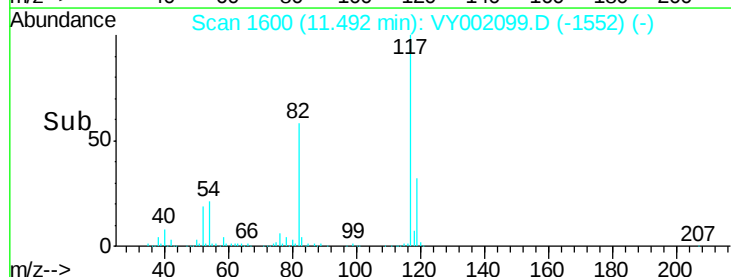
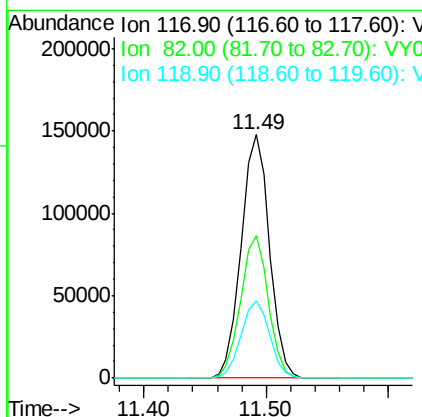
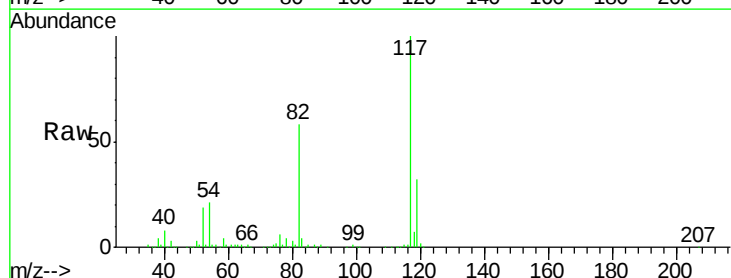
Instrument :
MSVOA_Y
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SB-03-5.5-6.0

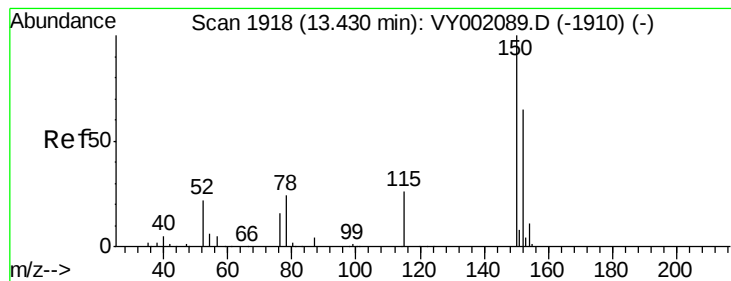
Tgt Ion: 95 Resp: 106352
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.4
176 70.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

Tgt Ion: 117 Resp: 236444
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.2
119 31.7 25.3 37.9



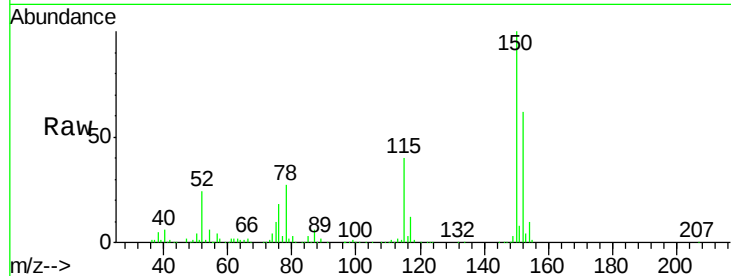


#72

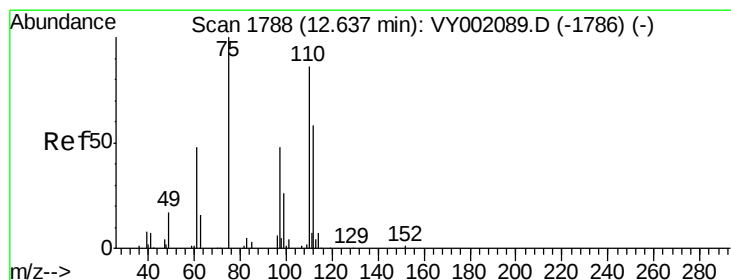
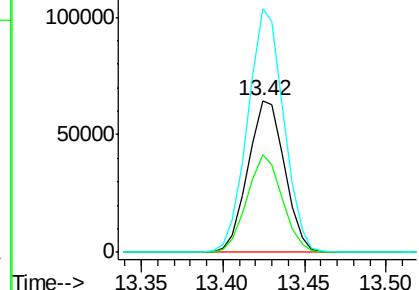
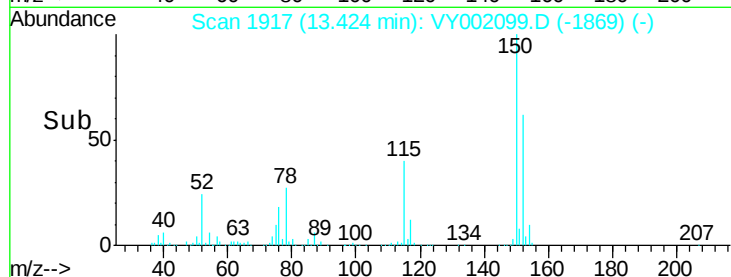
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

Tgt Ion: 152 Resp: 100980
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 158.1 0.0 354.8



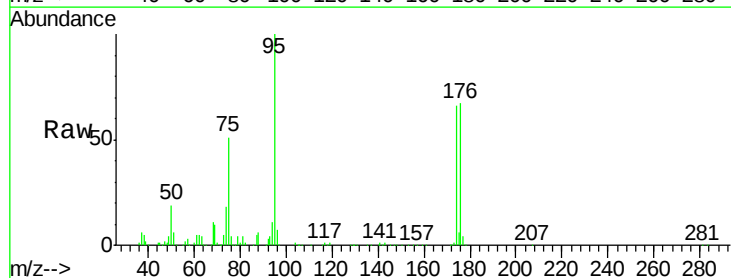
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



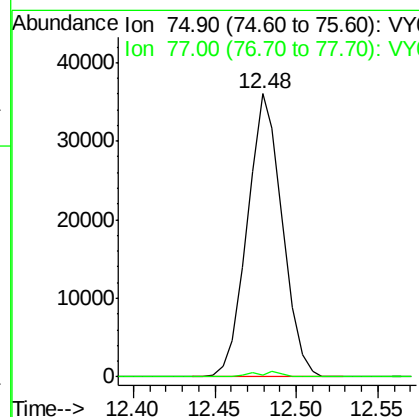
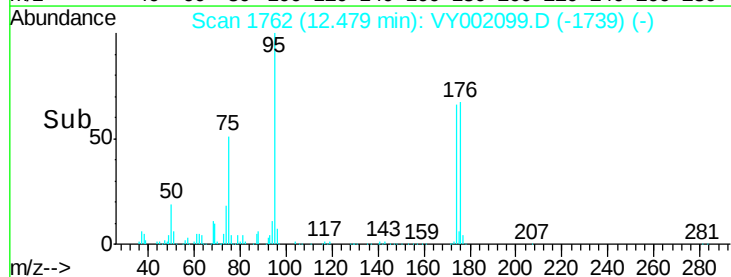
#76

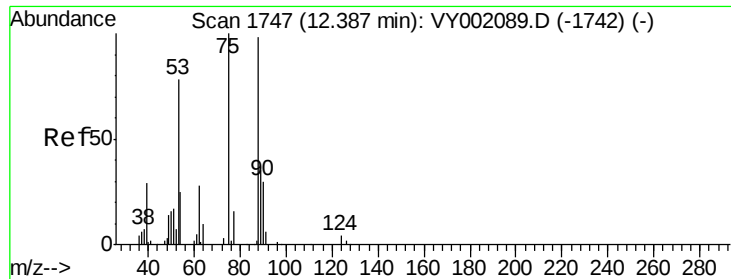
1,2,3-Trichloropropane
Concen: 47.389 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002099.D
Acq: 27 Mar 2020 12:55

Tgt Ion: 75 Resp: 53528
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: 91.808 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002099.D

Acq: 27 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

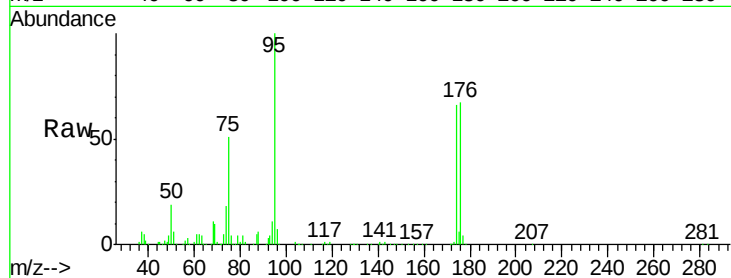
Tgt Ion: 75 Resp: 53528

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

