

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002117.D
 Acq On : 27 Mar 2020 19:37
 Operator : SY/MD
 Sample : L2055-02
 Misc : 9.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(10-12)

Quant Time: Mar 30 03:27:41 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

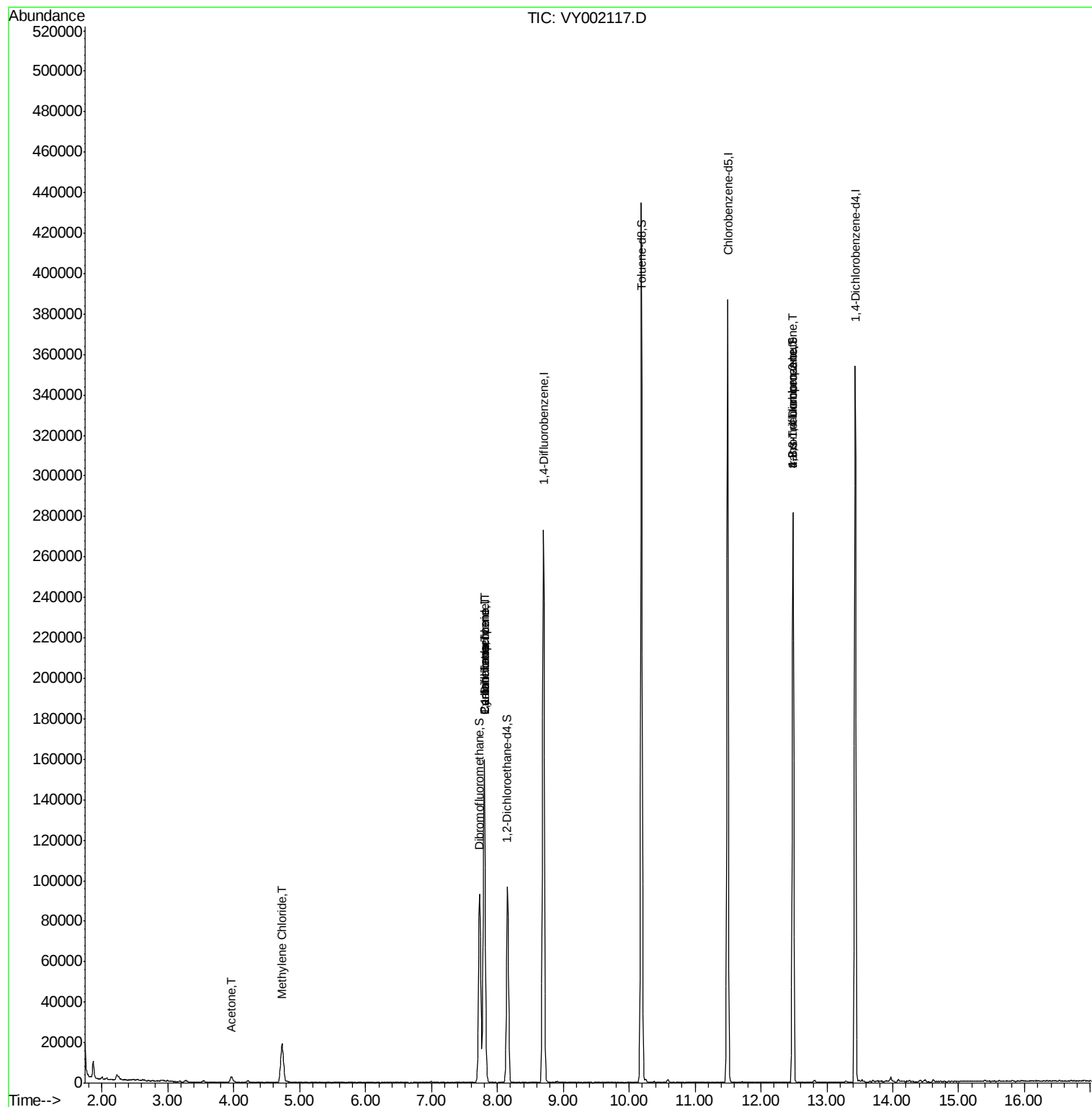
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	118726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	227522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	203182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	83940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	72920	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	7.73	113	66073	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.19	98	274767	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.49	95	89053	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
Target Compounds						
16) Acetone	3.96	43	5283	14.327	ug/l	96
20) Methylene Chloride	4.73	84	14340	4.758	ug/l	94
31) Cyclohexane	7.80	56	2802	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10399	4.832	ug/l #	49
38) Carbon Tetrachloride	7.80	117	12470	6.830	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	47174	50.241	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47174	97.335	ug/l #	17

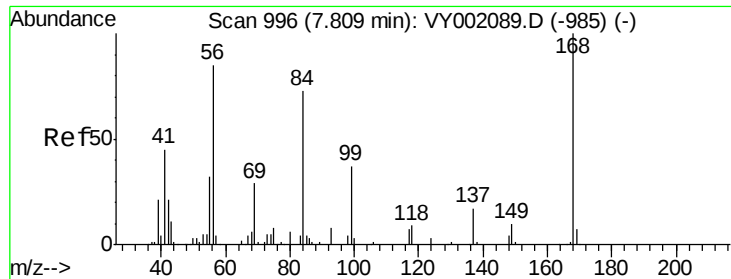
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002117.D

Acq: 27 Mar 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

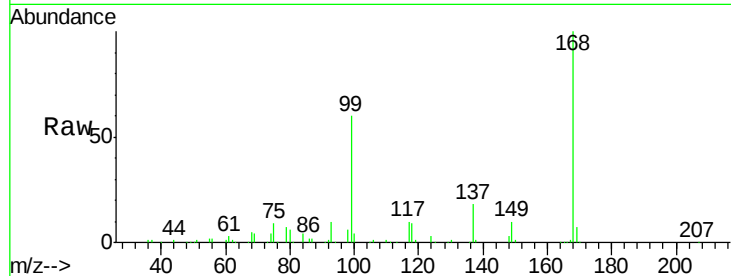
SB-2-(10-12)

Tgt Ion:168 Resp: 118726

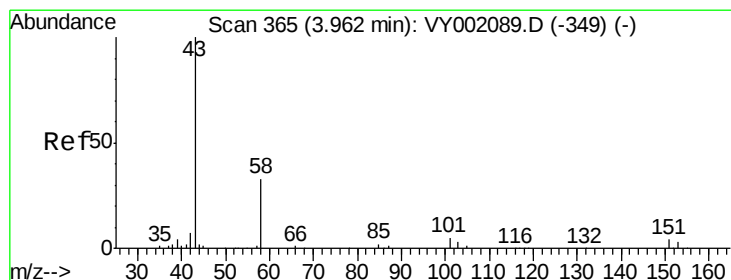
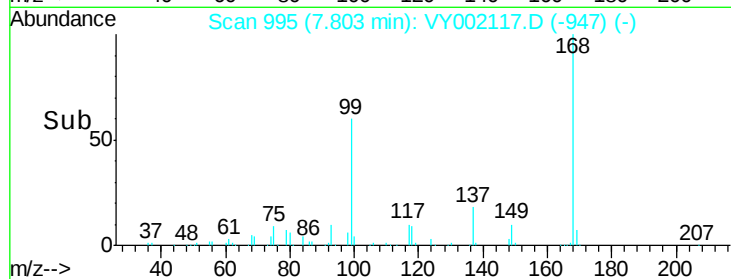
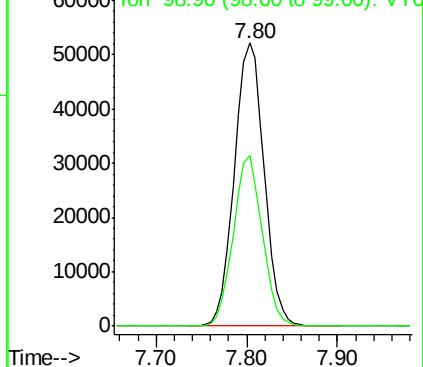
Ion Ratio Lower Upper

168 100

99 60.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002117.D (-947) (-)



#16

Acetone

Concen: 14.327 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002117.D

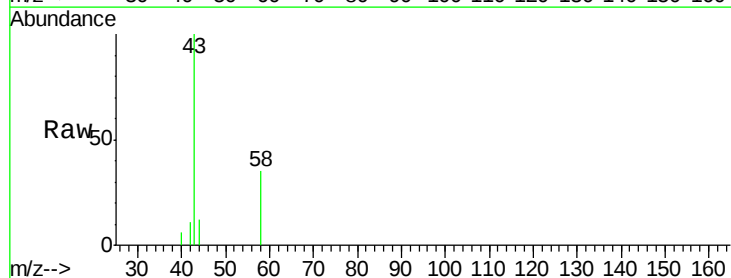
Acq: 27 Mar 2020 19:37

Tgt Ion: 43 Resp: 5283

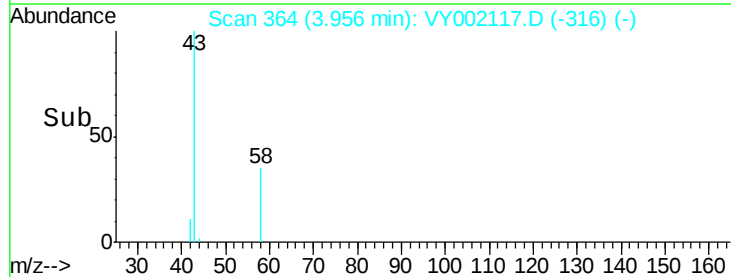
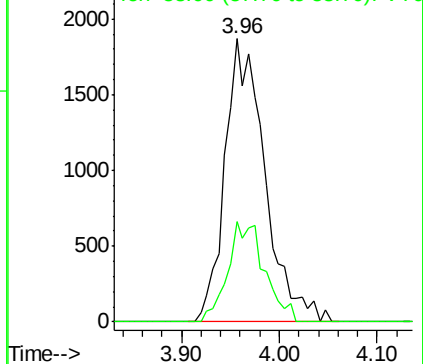
Ion Ratio Lower Upper

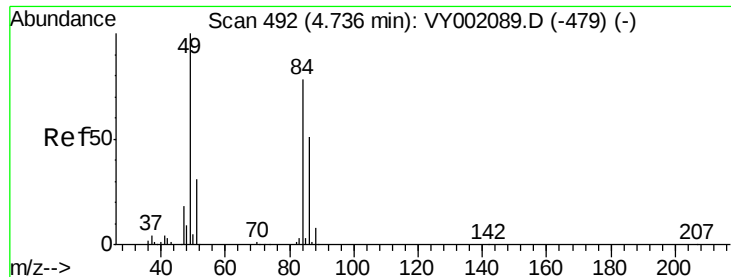
43 100

58 35.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002117.D (-316) (-)

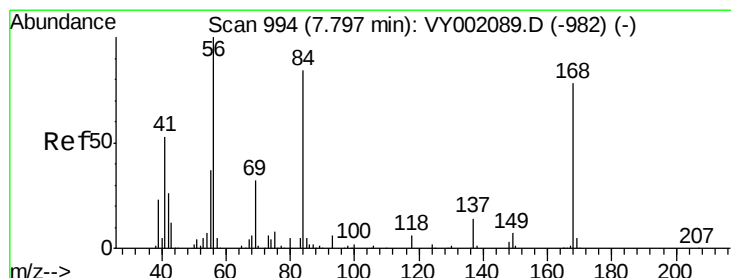
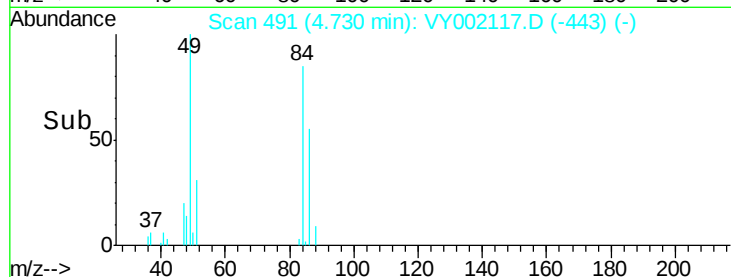
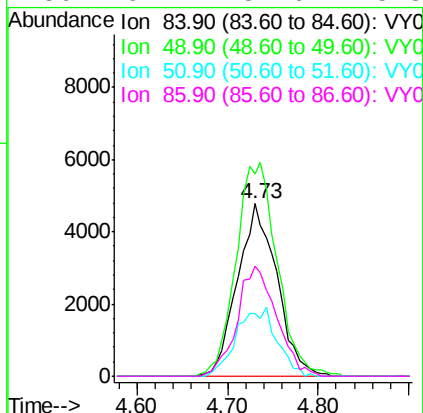
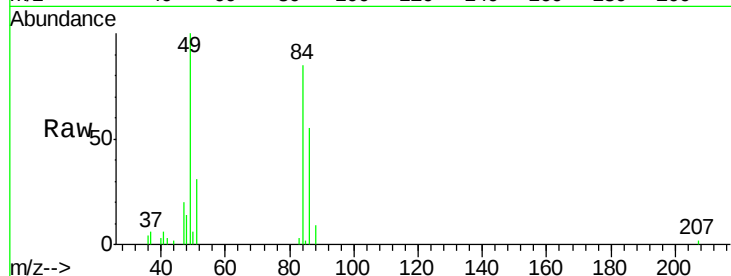




#20
Methylene Chloride
Concen: 4.758 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002117.D
Acq: 27 Mar 2020 19:37

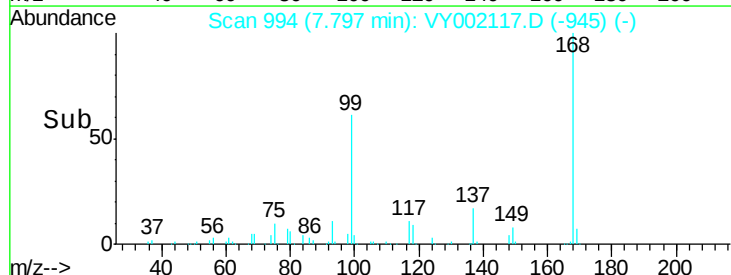
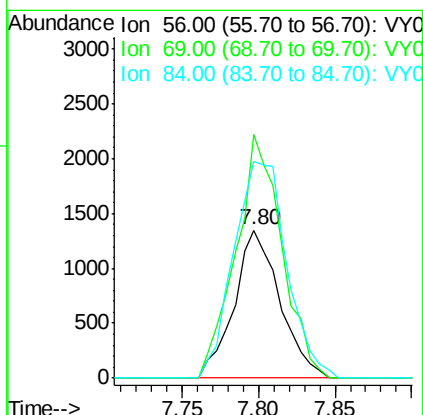
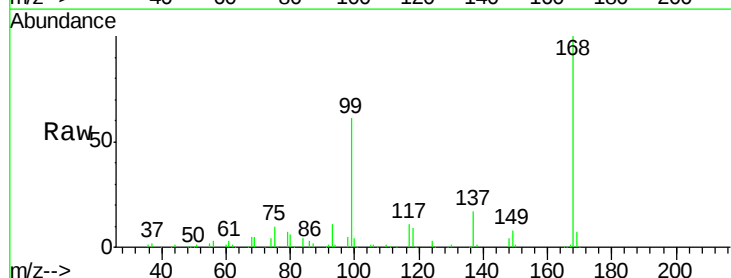
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(10-12)

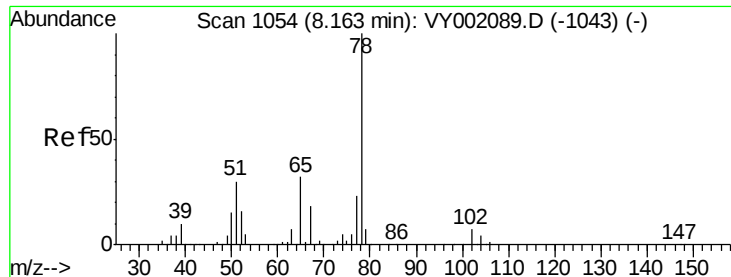
Tgt Ion:	84	Resp:	14340
Ion	Ratio	Lower	Upper
84	100		
49	117.0	102.2	153.4
51	36.5	31.2	46.8
86	64.1	52.6	78.8



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002117.D
Acq: 27 Mar 2020 19:37

Tgt Ion:	56	Resp:	2802
Ion	Ratio	Lower	Upper
56	100		
69	165.0	25.8	38.8#
84	146.6	67.1	100.7#

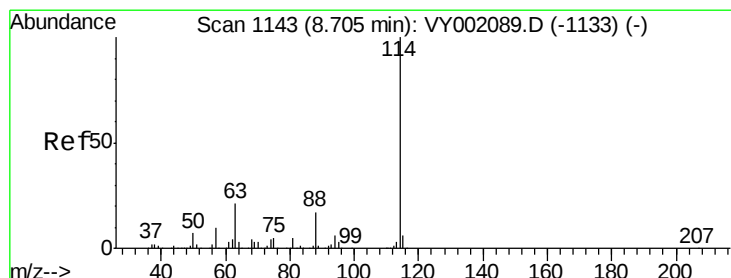
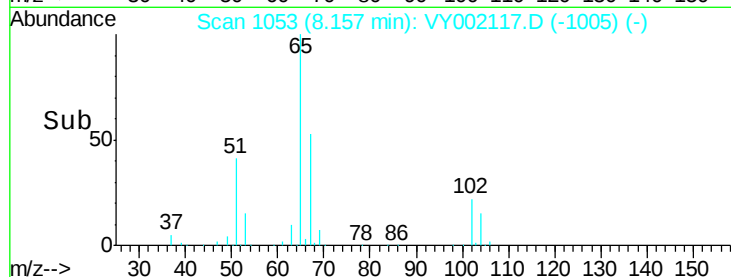
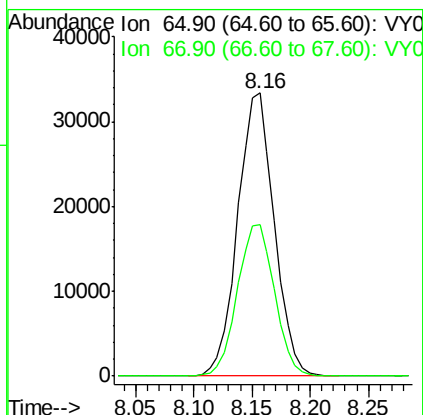
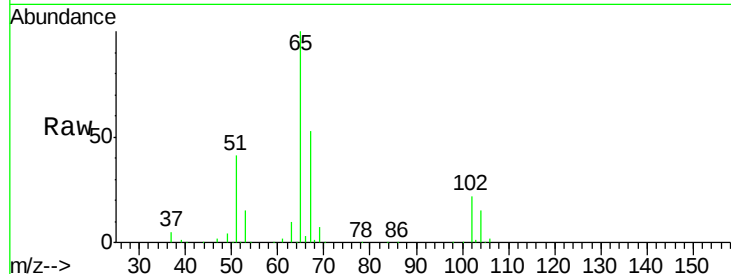




#33
 1,2-Dichloroethane-d4
 Concen: 55.559 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002117.D
 Acq: 27 Mar 2020 19:37

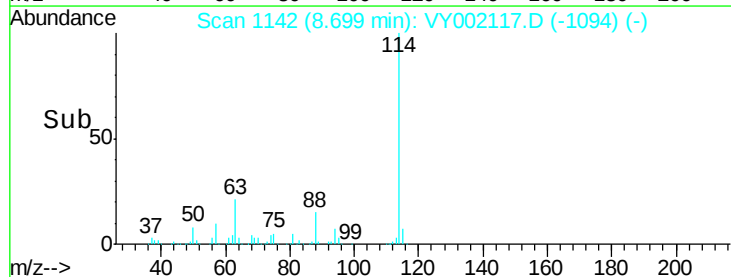
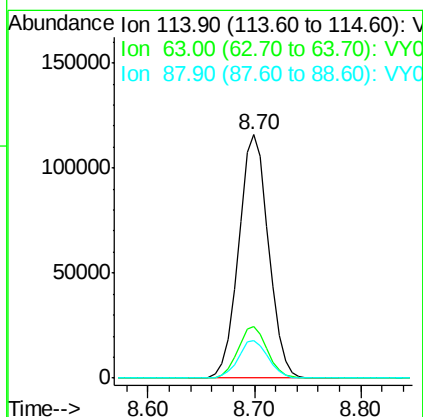
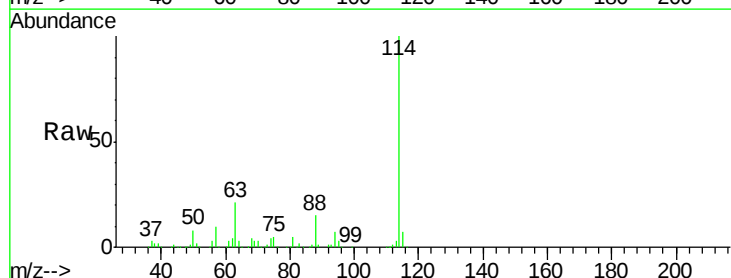
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(10-12)

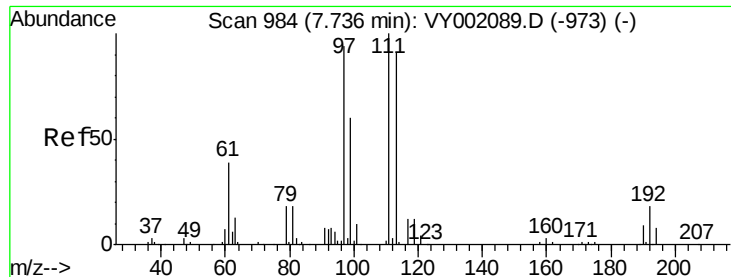
Tgt Ion: 65 Resp: 72920
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002117.D
 Acq: 27 Mar 2020 19:37

Tgt Ion: 114 Resp: 227522
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.4
 88 15.3 0.0 33.0

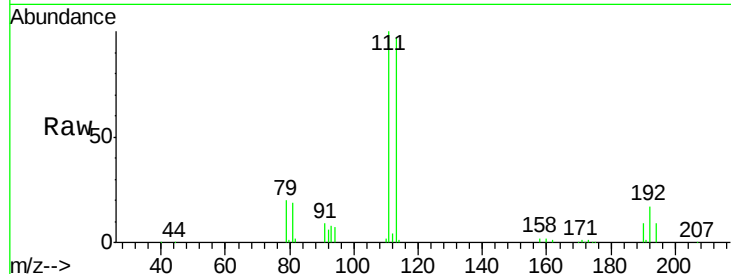




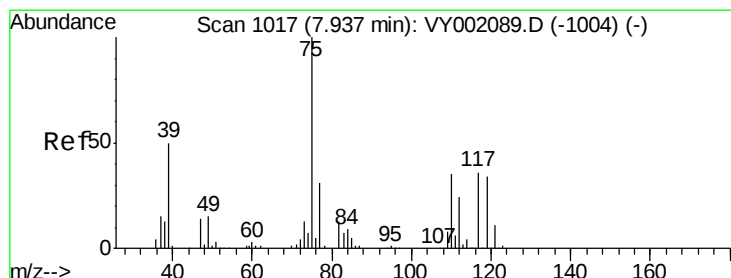
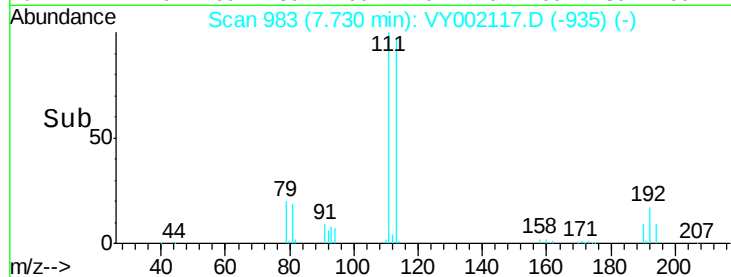
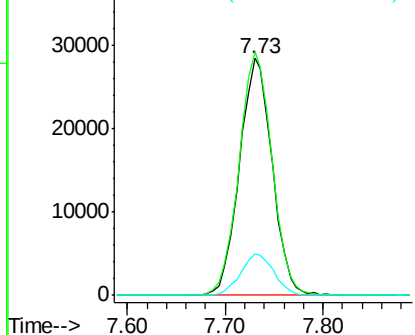
#35
 Dibromofluoromethane
 Concen: 51.829 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002117.D
 Acq: 27 Mar 2020 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(10-12)

Tgt Ion:113 Resp: 66073
 Ion Ratio Lower Upper
 113 100
 111 103.1 84.4 126.6
 192 17.7 14.6 21.8

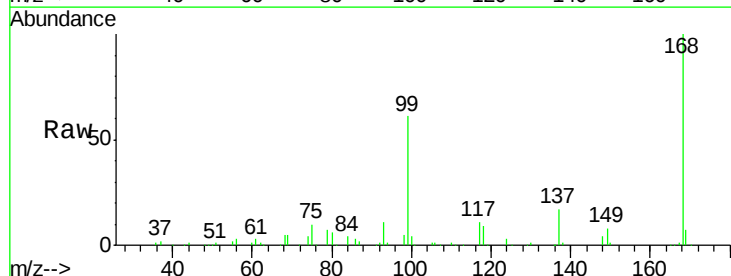


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

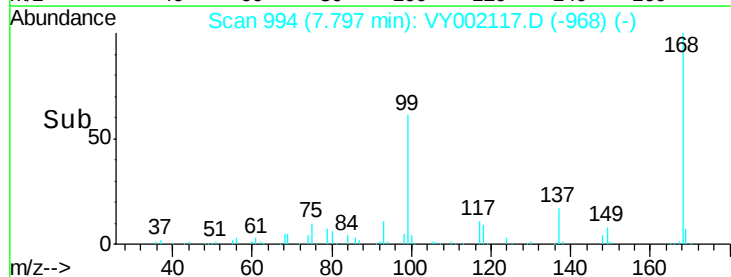
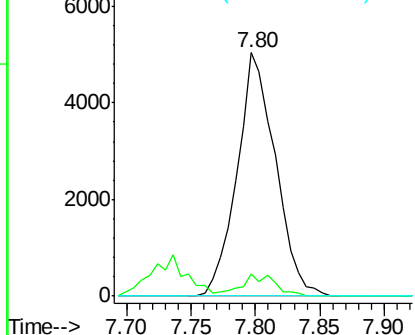


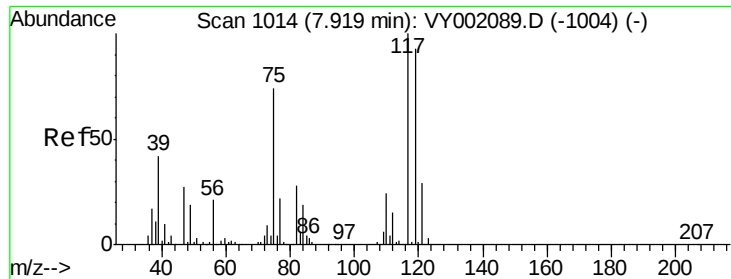
#36
 1,1-Dichloropropene
 Concen: 4.832 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002117.D
 Acq: 27 Mar 2020 19:37

Tgt Ion: 75 Resp: 10399
 Ion Ratio Lower Upper
 75 100
 110 7.7 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

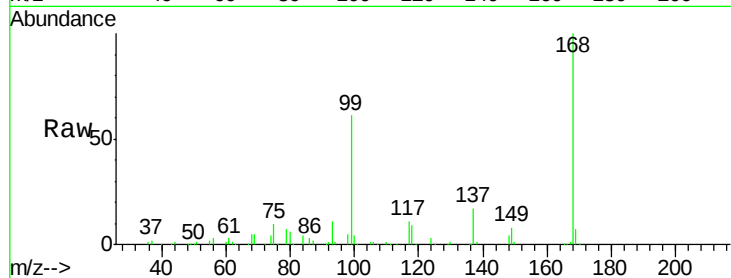




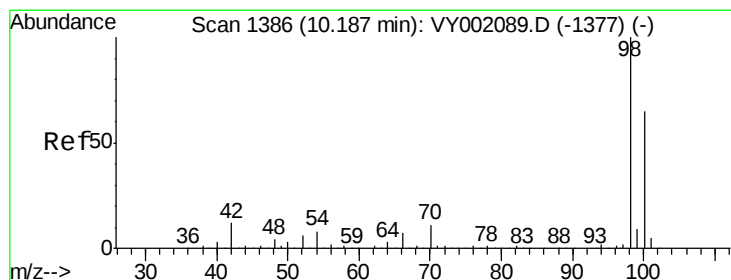
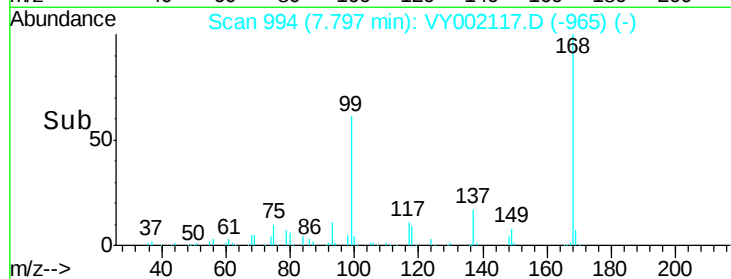
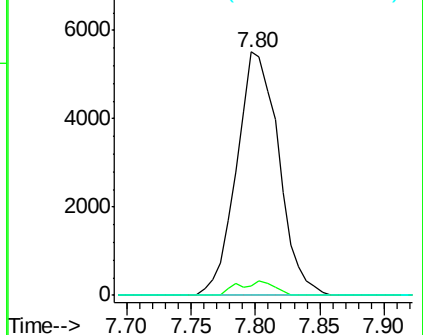
#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002117.D
Acq: 27 Mar 2020 19:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(10-12)

Tgt Ion:117 Resp: 12470
Ion Ratio Lower Upper
117 100
119 3.6 74.3 111.5#
121 0.0 23.3 34.9#

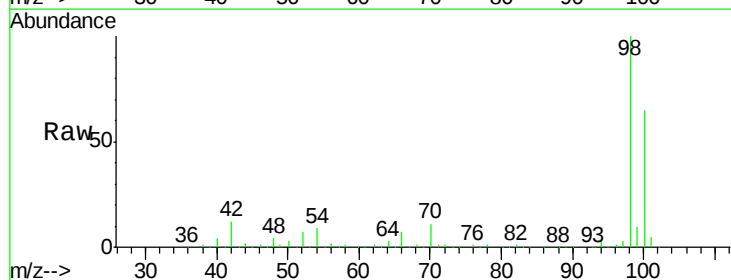


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

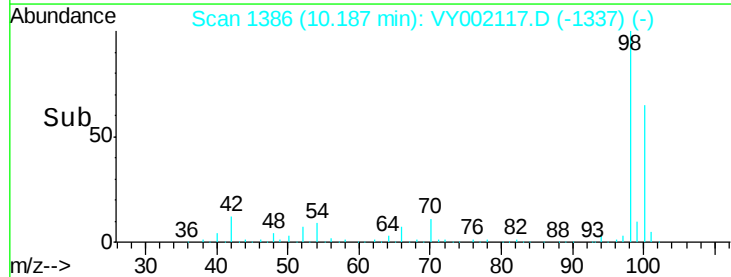
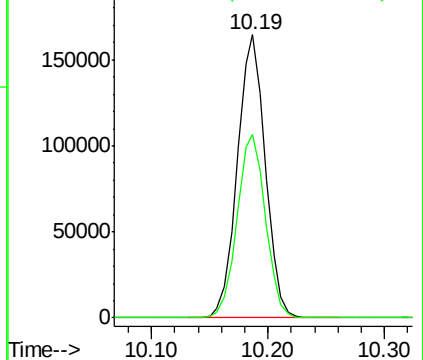


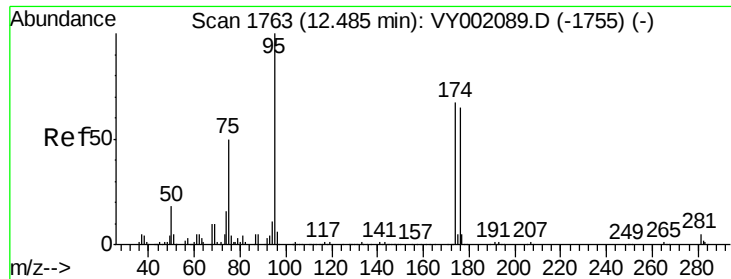
#50
Toluene-d8
Concen: 51.882 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002117.D
Acq: 27 Mar 2020 19:37

Tgt Ion: 98 Resp: 274767
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



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

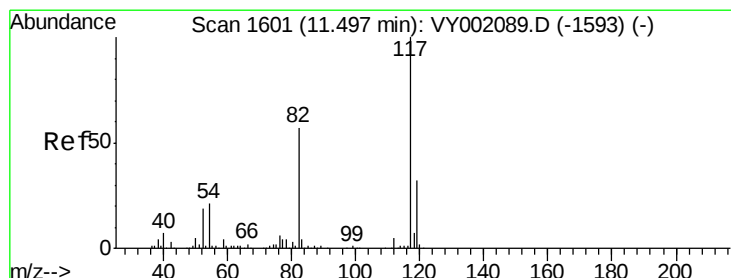
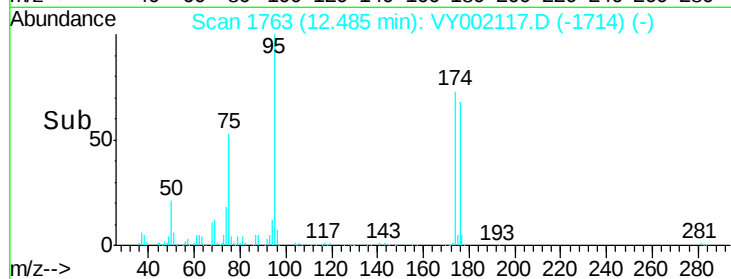
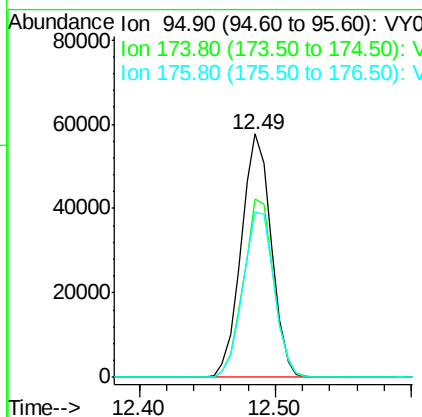
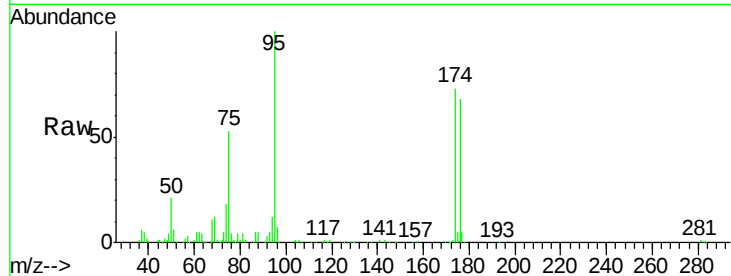




#62
4-Bromofluorobenzene
Concen: 48.080 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002117.D
Acq: 27 Mar 2020 19:37

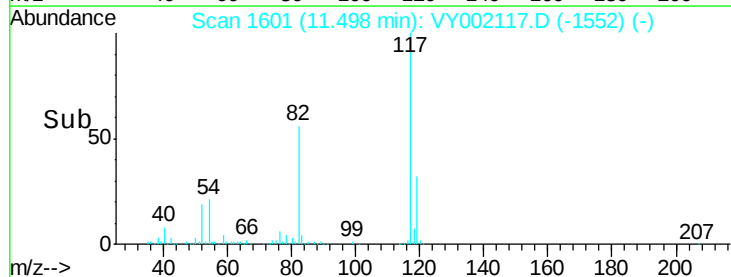
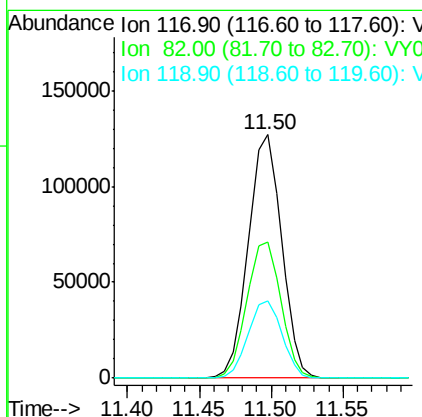
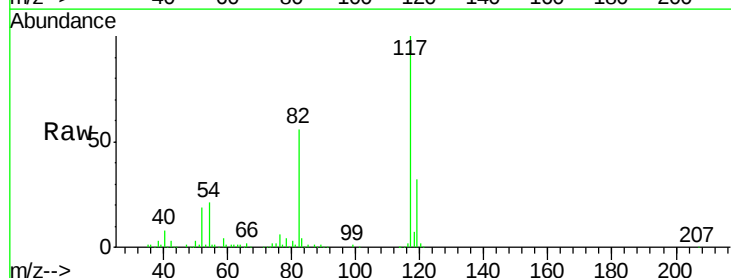
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(10-12)

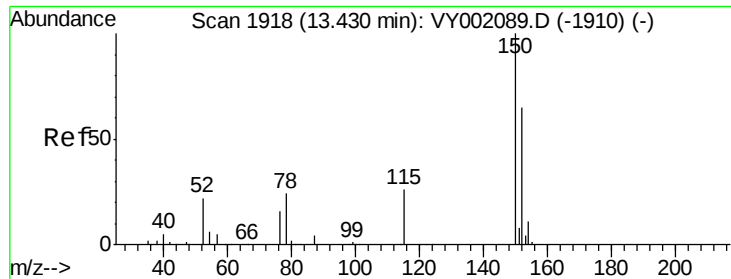
Tgt Ion: 95 Resp: 89053
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.4
176 70.6 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002117.D
Acq: 27 Mar 2020 19:37

Tgt Ion: 117 Resp: 203182
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002117.D

Acq: 27 Mar 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(10-12)

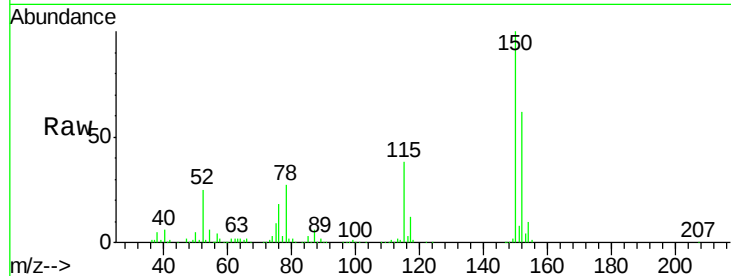
Tgt Ion:152 Resp: 83940

Ion Ratio Lower Upper

152 100

115 61.3 31.2 93.6

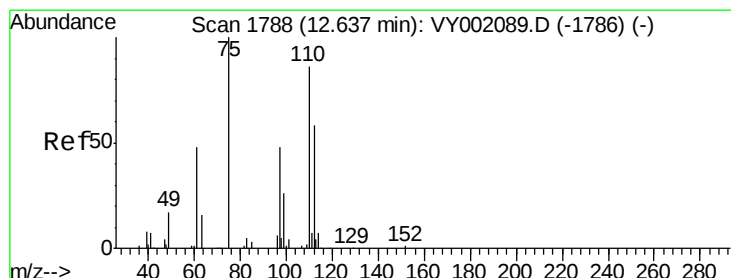
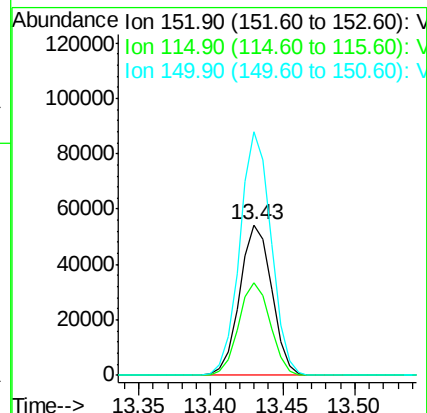
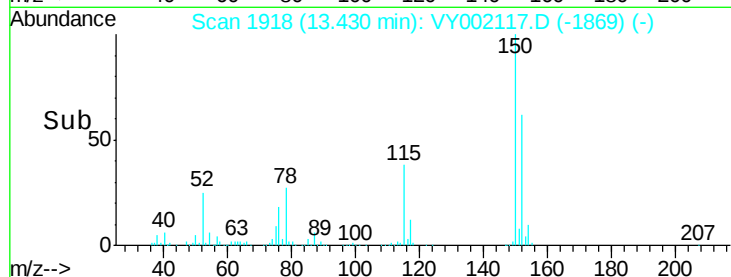
150 158.5 0.0 354.8



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: 50.241 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002117.D

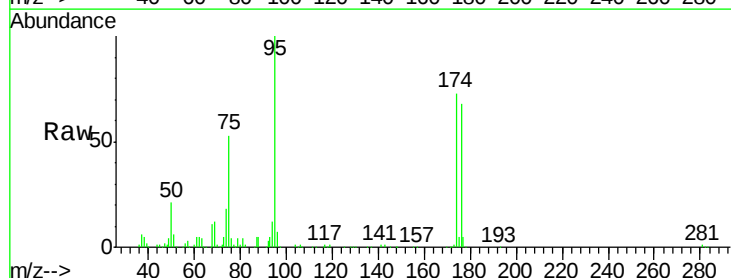
Acq: 27 Mar 2020 19:37

Tgt Ion: 75 Resp: 47174

Ion Ratio Lower Upper

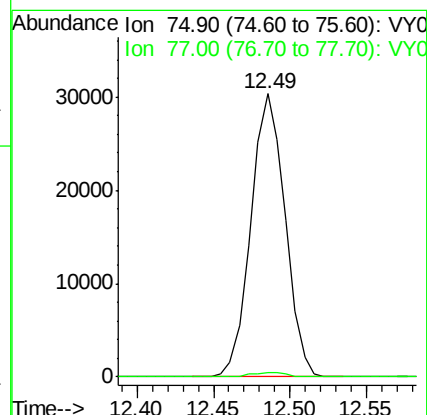
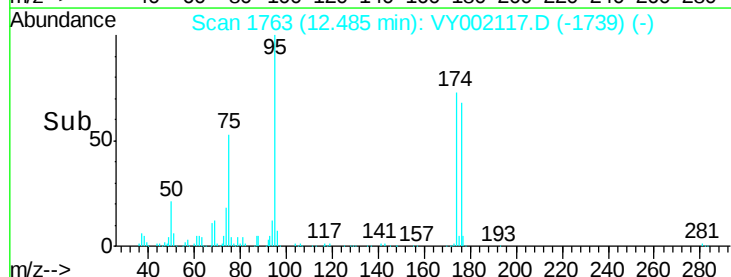
75 100

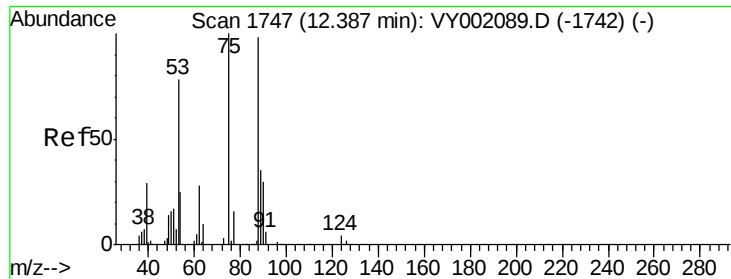
77 1.5 0.0 0.0#



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: 97.335 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002117.D

Acq: 27 Mar 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(10-12)

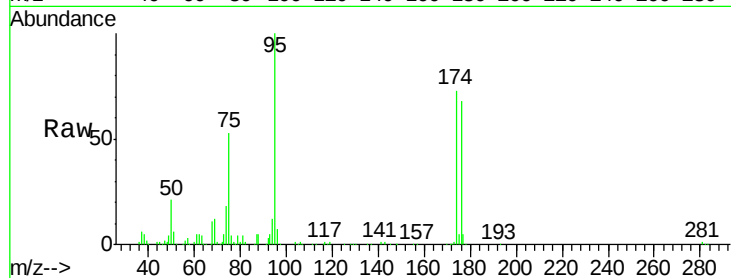
Tgt Ion: 75 Resp: 47174

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 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

