

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002116.D
 Acq On : 27 Mar 2020 19:15
 Operator : SY/MD
 Sample : L2055-01
 Misc : 8.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(1-3)

Quant Time: Mar 30 03:27:30 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

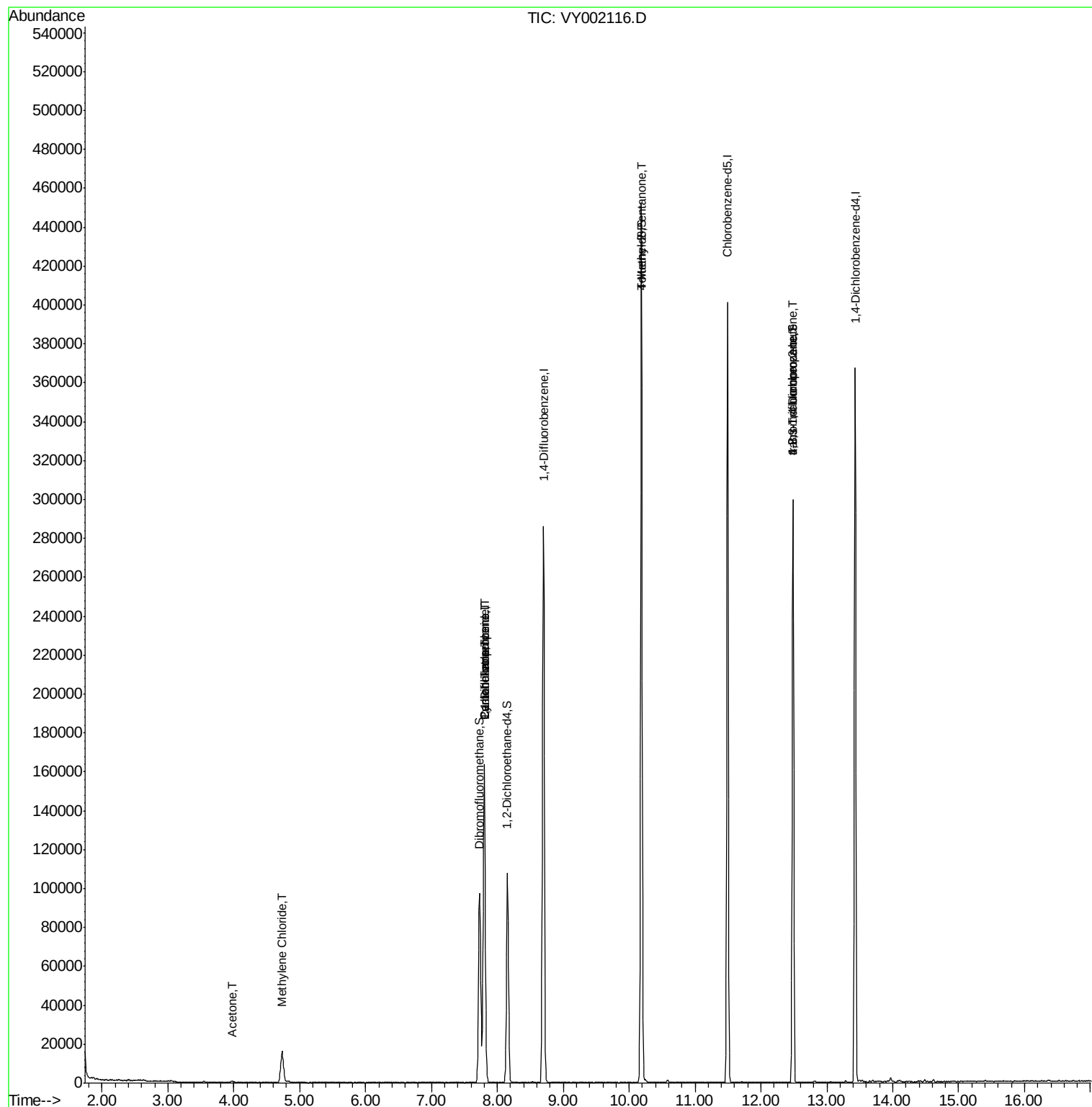
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	233654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	216636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	87530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79278	58.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	117.48%	
35) Dibromofluoromethane	7.73	113	69568	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.19	98	288763	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.49	95	95036	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	1529	4.032	ug/l #	84
20) Methylene Chloride	4.73	84	11788	2.658	ug/l	94
31) Cyclohexane	7.80	56	2950	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10525	4.762	ug/l #	51
38) Carbon Tetrachloride	7.80	117	12518	6.676	ug/l #	16
51) 4-Methyl-2-Pentanone	10.18	43	1417	1.110	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	48894	49.937	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	48894	96.746	ug/l #	17

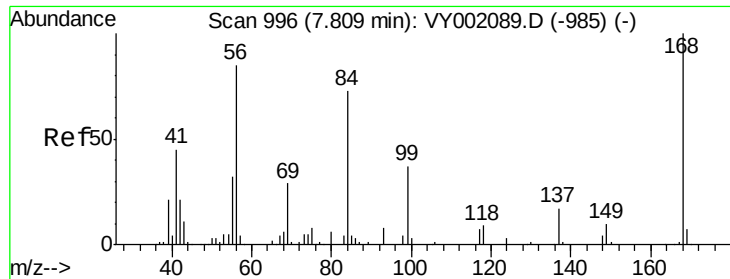
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002116.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

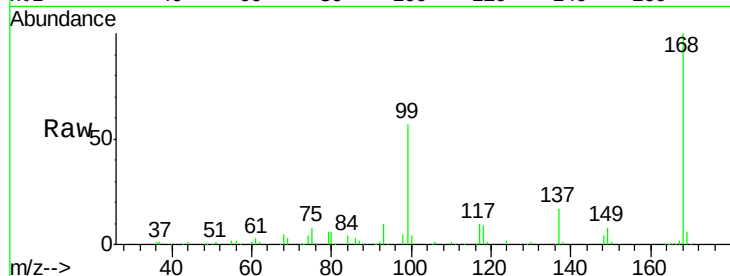
SB-2-(1-3)

Tgt Ion:168 Resp: 122095

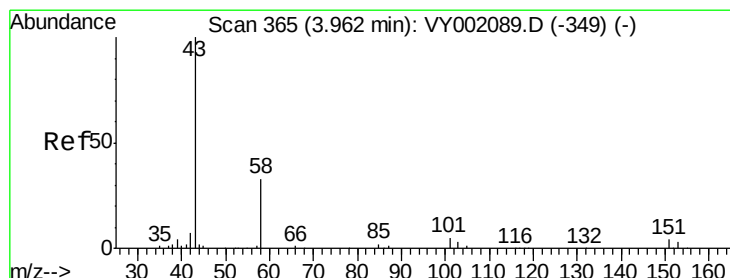
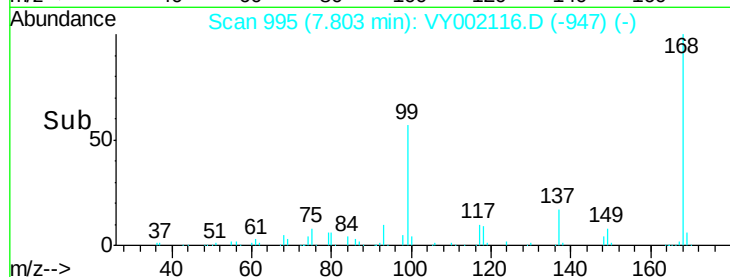
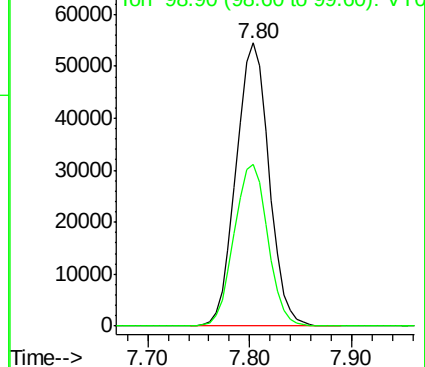
Ion Ratio Lower Upper

168 100

99 57.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002116.D (-947) (-)



#16

Acetone

Concen: 4.032 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002116.D

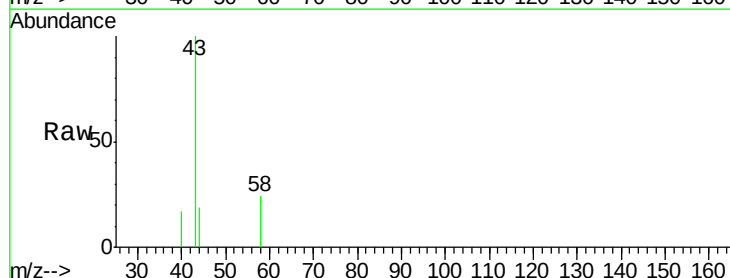
Acq: 27 Mar 2020 19:15

Tgt Ion: 43 Resp: 1529

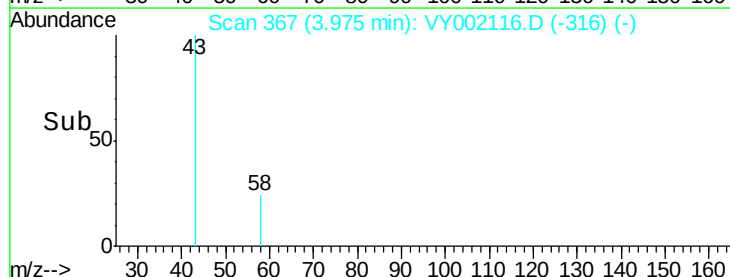
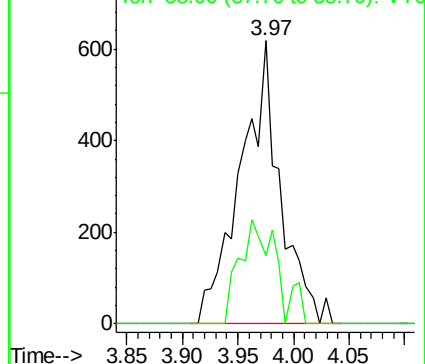
Ion Ratio Lower Upper

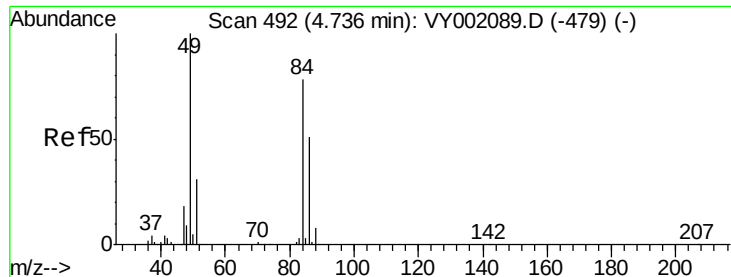
43 100

58 24.1 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002116.D (-316) (-)

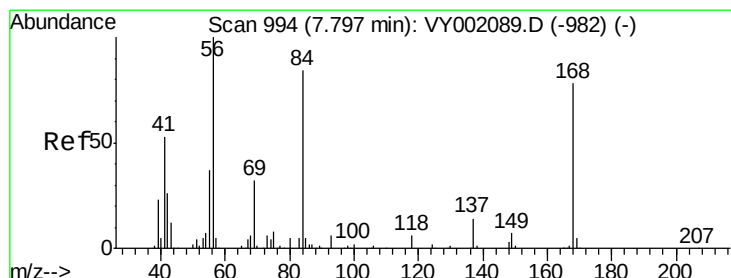
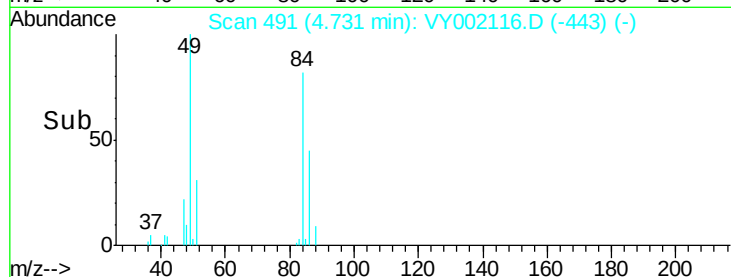
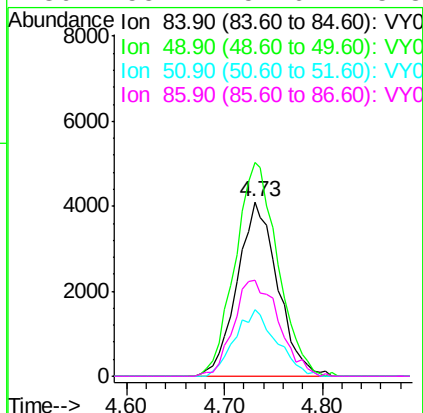
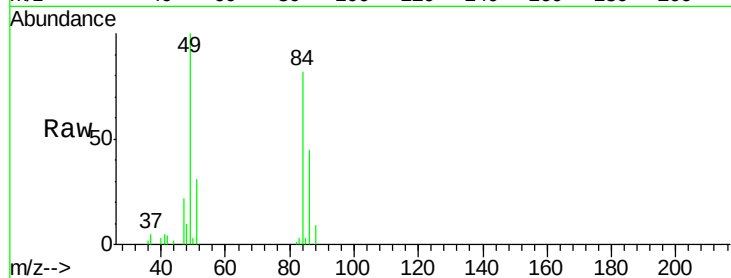




#20
Methylene Chloride
Concen: 2.658 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002116.D
Acq: 27 Mar 2020 19:15

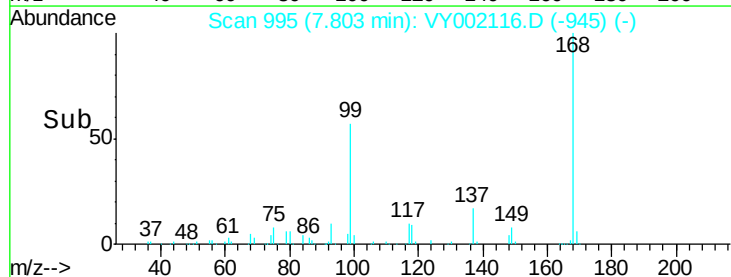
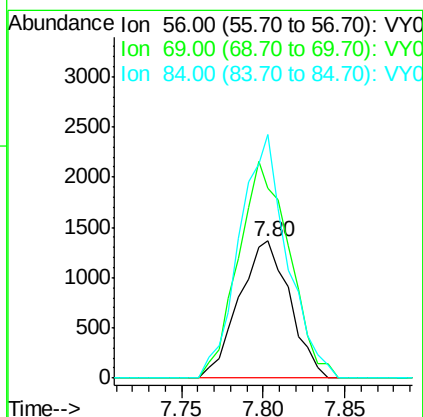
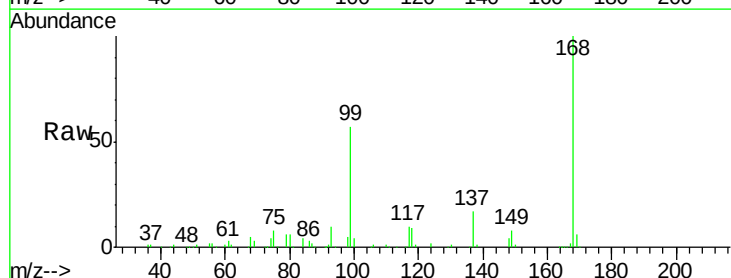
Instrument :
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ClientSampleId :
SB-2-(1-3)

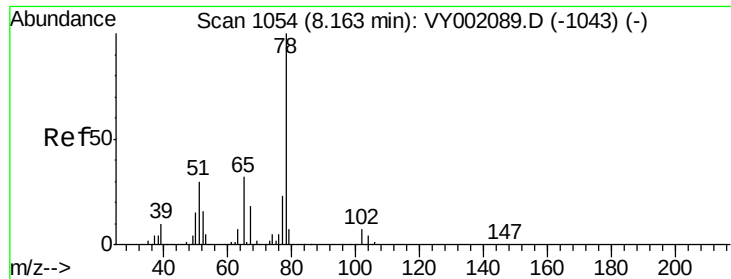
Tgt Ion: 84 Resp: 11788
Ion Ratio Lower Upper
84 100
49 122.5 102.2 153.4
51 38.5 31.2 46.8
86 55.2 52.6 78.8



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002116.D
Acq: 27 Mar 2020 19:15

Tgt Ion: 56 Resp: 2950
Ion Ratio Lower Upper
56 100
69 138.9 25.8 38.8#
84 178.0 67.1 100.7#

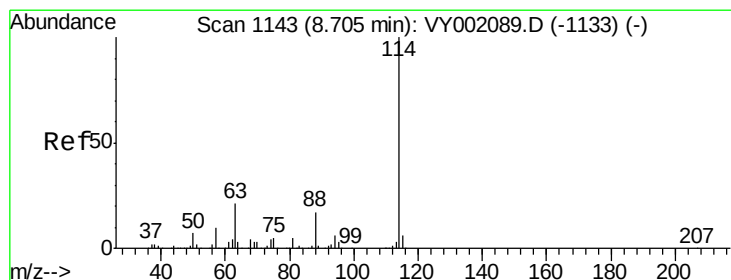
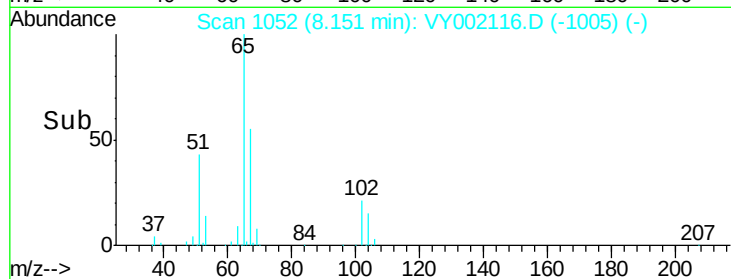
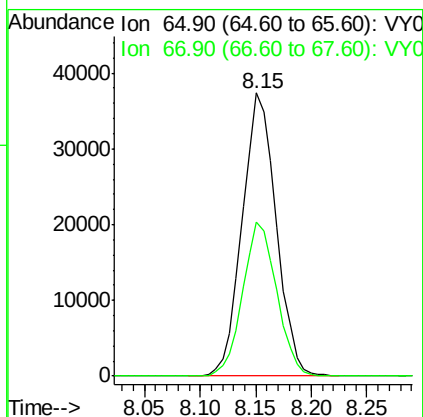
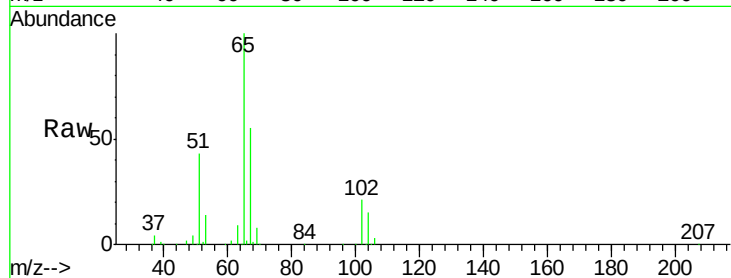




#33
 1,2-Dichloroethane-d4
 Concen: 58.736 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002116.D
 Acq: 27 Mar 2020 19:15

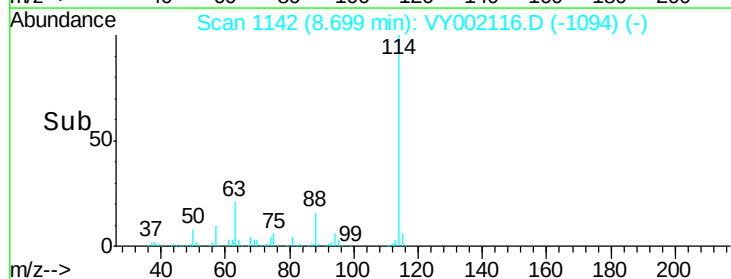
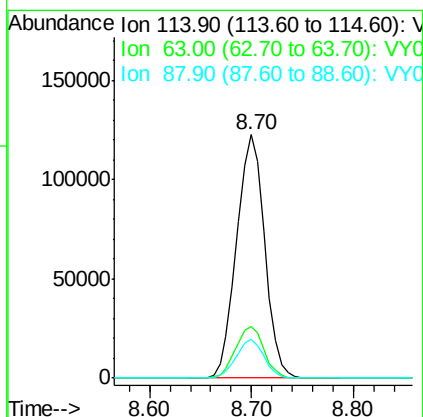
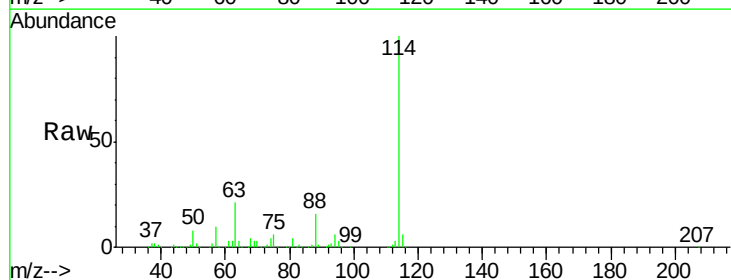
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(1-3)

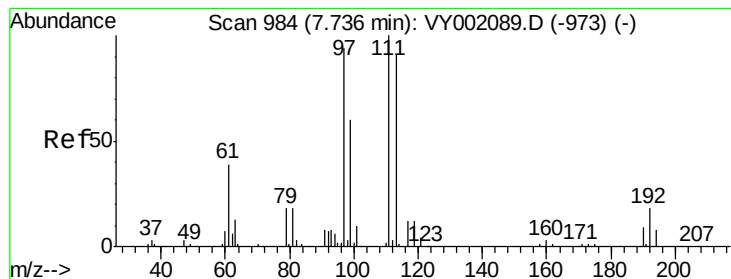
Tgt Ion: 65 Resp: 79278
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002116.D
 Acq: 27 Mar 2020 19:15

Tgt Ion: 114 Resp: 233654
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.138 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002116.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(1-3)

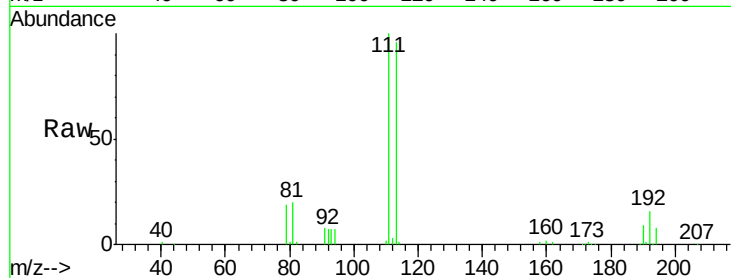
Tgt Ion:113 Resp: 69568

Ion Ratio Lower Upper

113 100

111 103.9 84.4 126.6

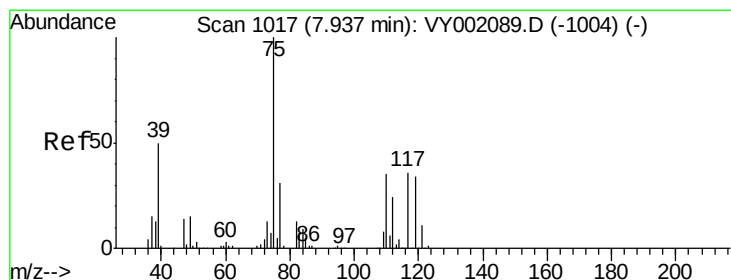
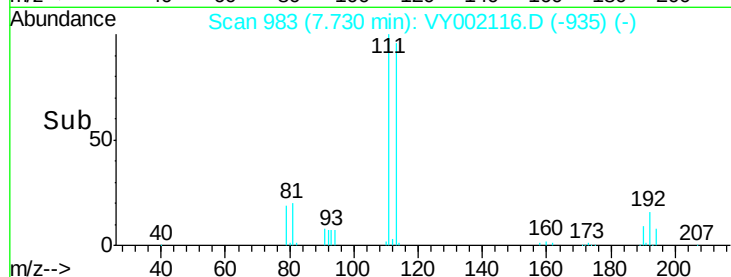
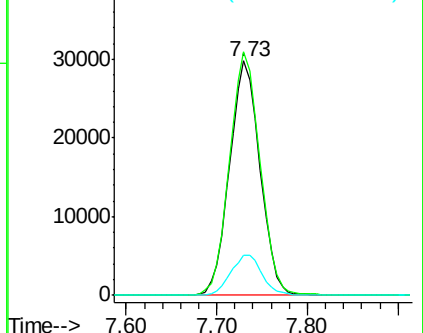
192 17.5 14.6 21.8



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: 4.762 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.14 min

Lab File: VY002116.D

Acq: 27 Mar 2020 19:15

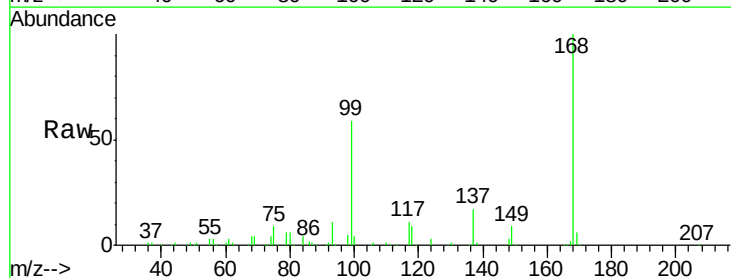
Tgt Ion: 75 Resp: 10525

Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.6#

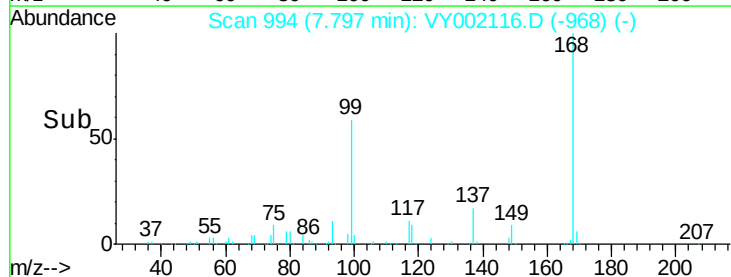
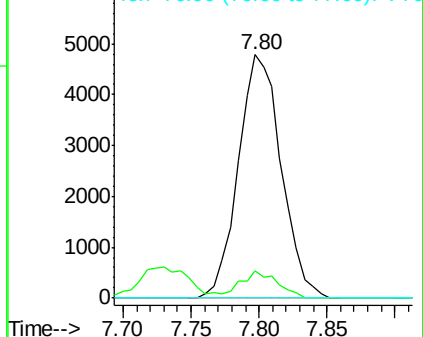
77 0.0 24.7 37.1#

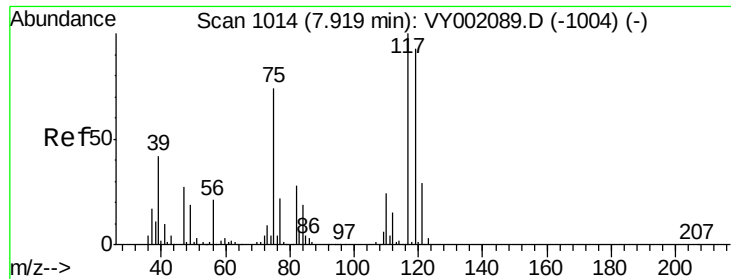


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

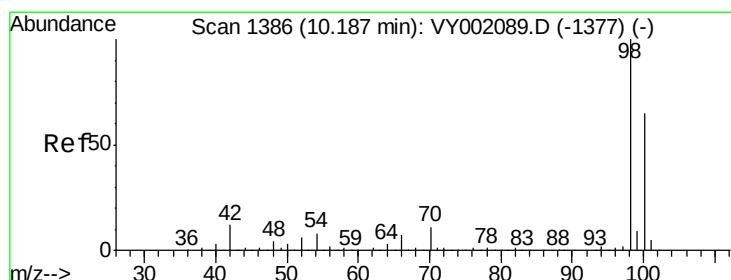
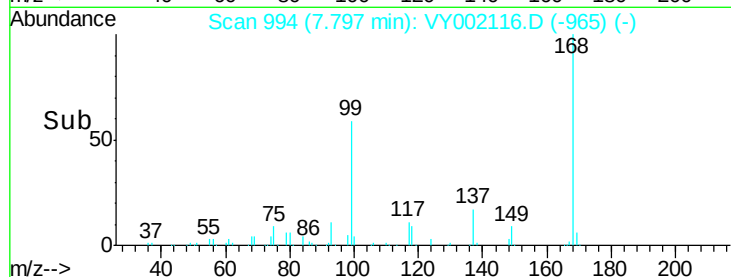
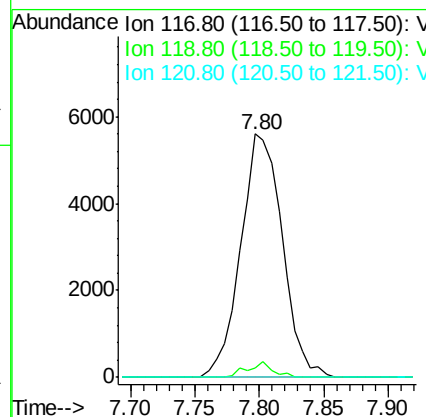
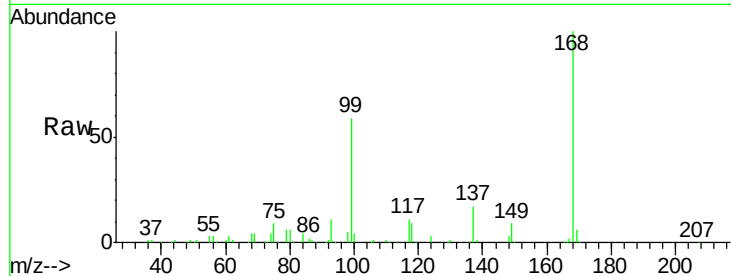




#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002116.D
Acq: 27 Mar 2020 19:15

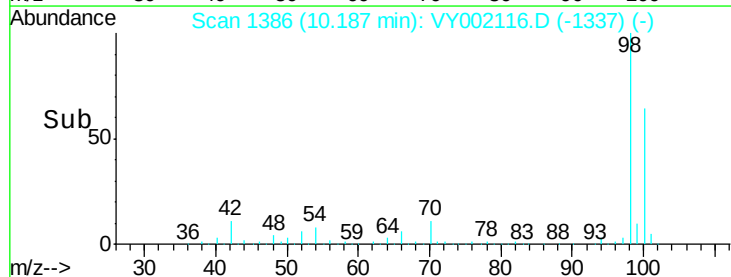
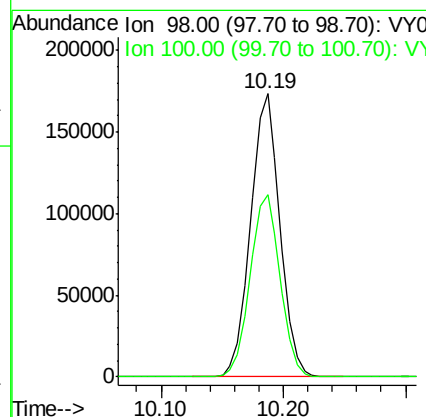
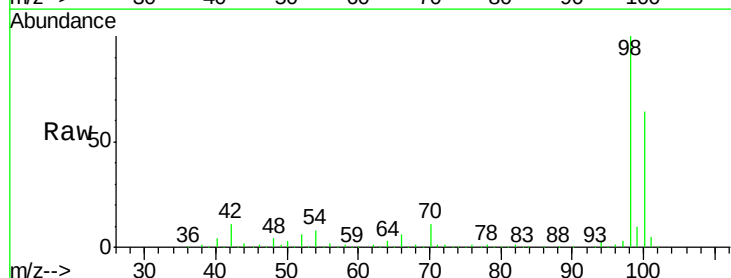
Instrument :
MSVOA_Y
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SB-2-(1-3)

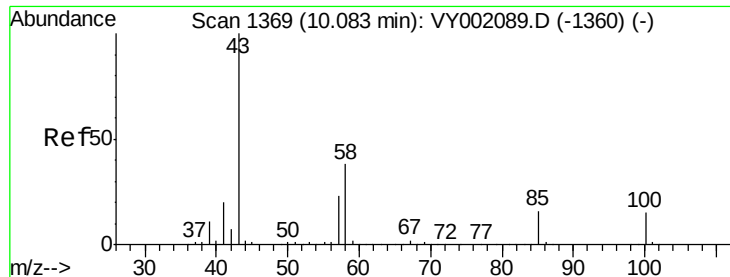
Tgt Ion:117 Resp: 12518
Ion Ratio Lower Upper
117 100
119 3.6 74.3 111.5#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 53.094 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002116.D
Acq: 27 Mar 2020 19:15

Tgt Ion: 98 Resp: 288763
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.110 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002116.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

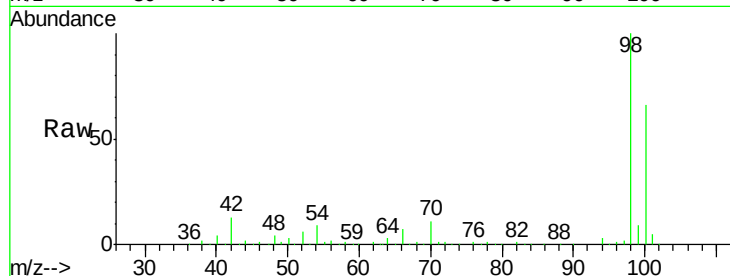
SB-2-(1-3)

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

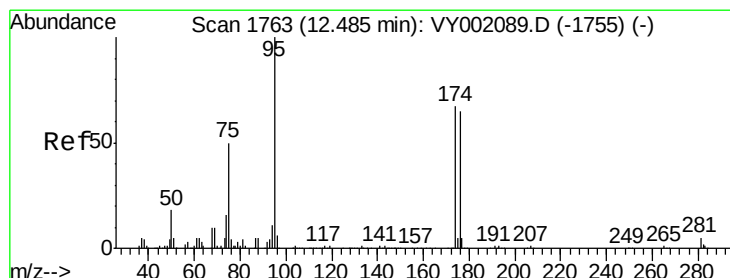
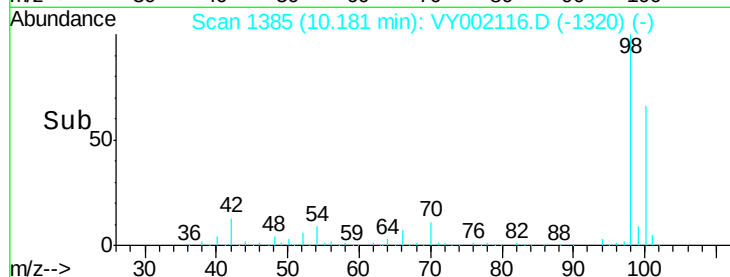
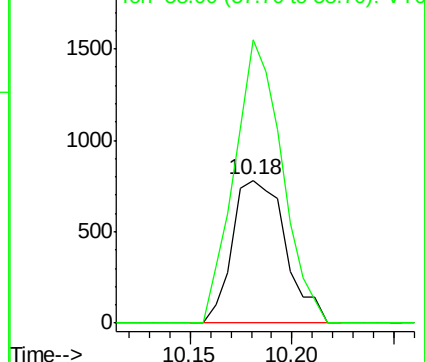
43 100

58 178.0 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.964 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002116.D

Acq: 27 Mar 2020 19:15

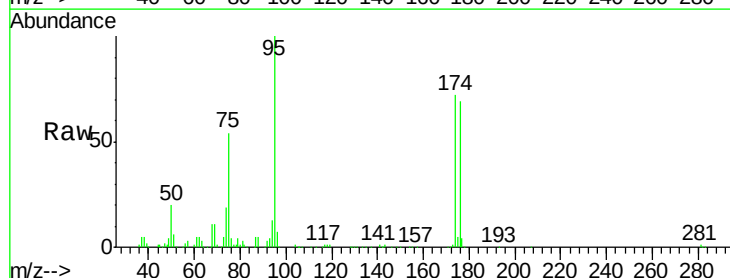
Tgt Ion: 95 Resp: 95036

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.4

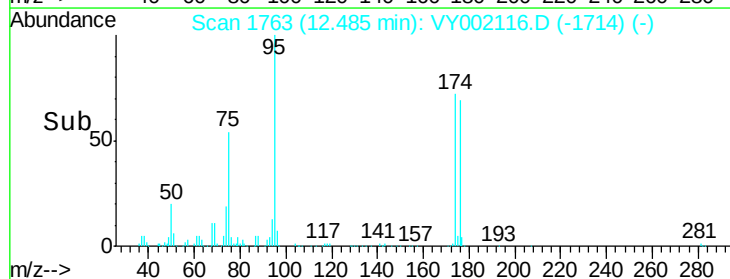
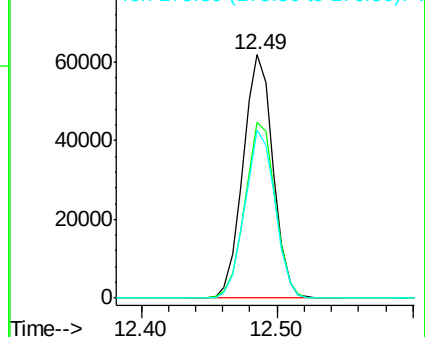
176 69.8 0.0 137.0

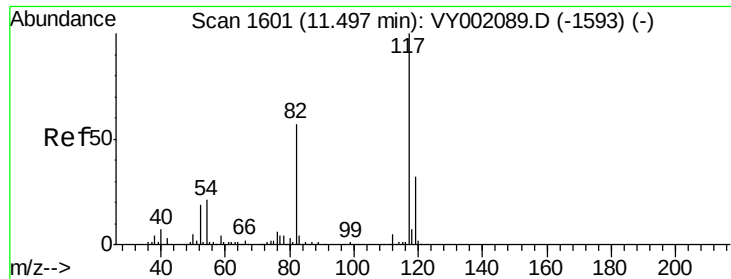


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

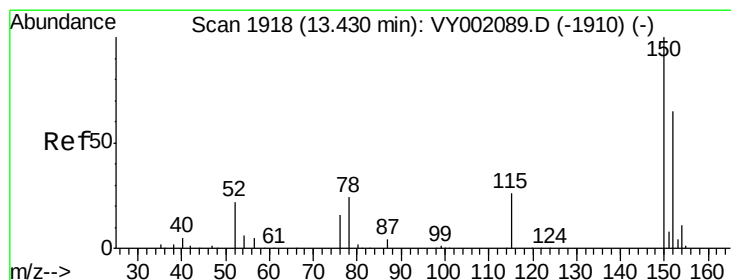
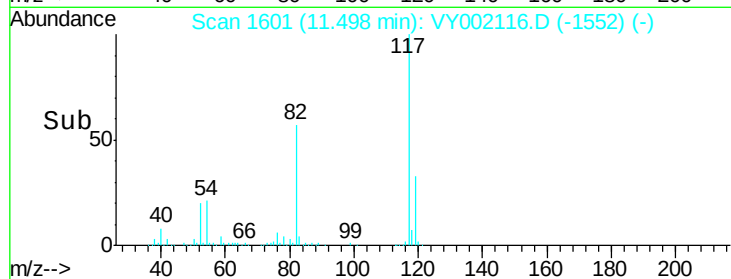
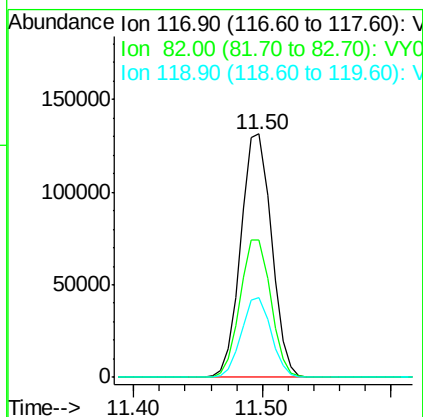
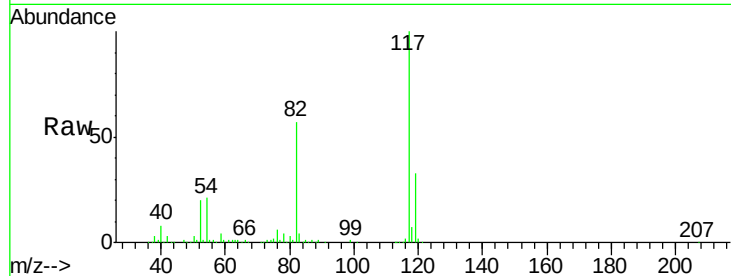




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002116.D
Acq: 27 Mar 2020 19:15

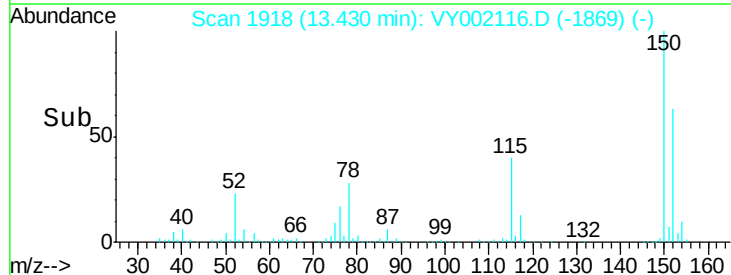
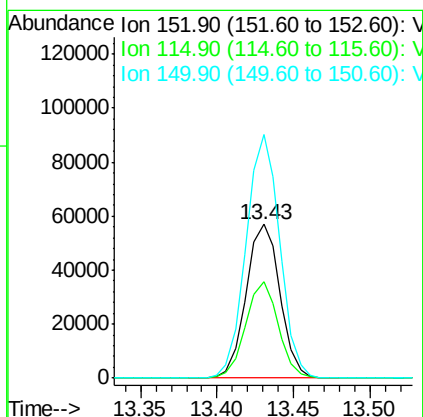
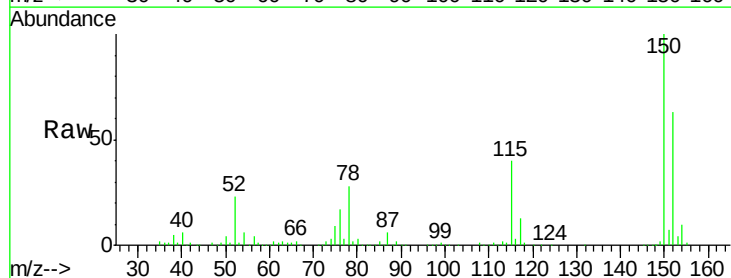
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(1-3)

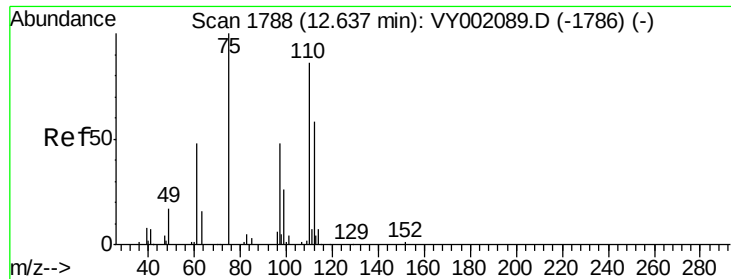
Tgt Ion:117 Resp: 216636
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 33.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002116.D
Acq: 27 Mar 2020 19:15

Tgt Ion:152 Resp: 87530
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 157.7 0.0 354.8





#76

1,2,3-Trichloropropane

Concen: 49.937 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002116.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

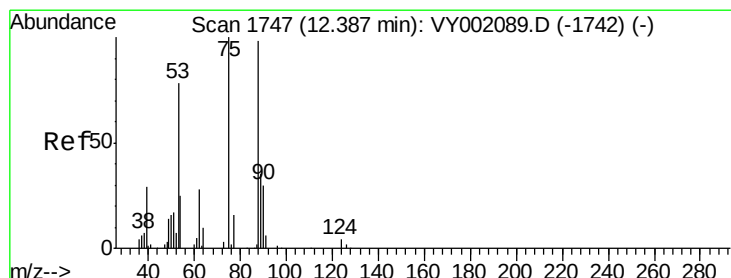
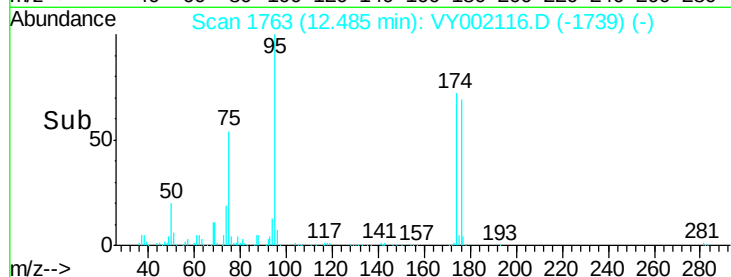
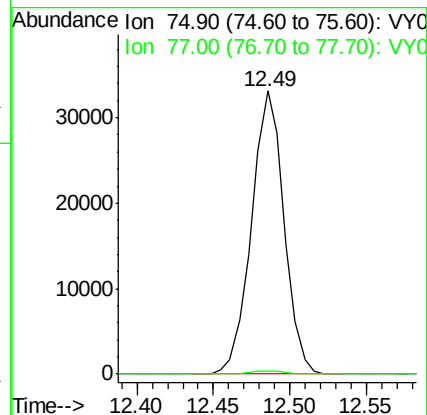
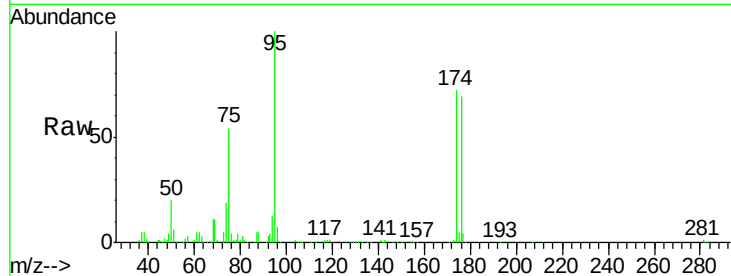
SB-2-(1-3)

Tgt Ion: 75 Resp: 48894

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.746 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002116.D

Acq: 27 Mar 2020 19:15

Tgt Ion: 75 Resp: 48894

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

