

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032020\
 Data File : VY002032.D
 Acq On : 20 Mar 2020 11:09
 Operator : SY/MD
 Sample : VY0320SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Quant Time: Mar 20 16:12:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145735	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	279562	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	259549	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	110995	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	90673	58.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.56%	
35) Dibromofluoromethane	7.73	113	83749	54.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.72%	
50) Toluene-d8	10.19	98	340808	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.49	95	116912	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	

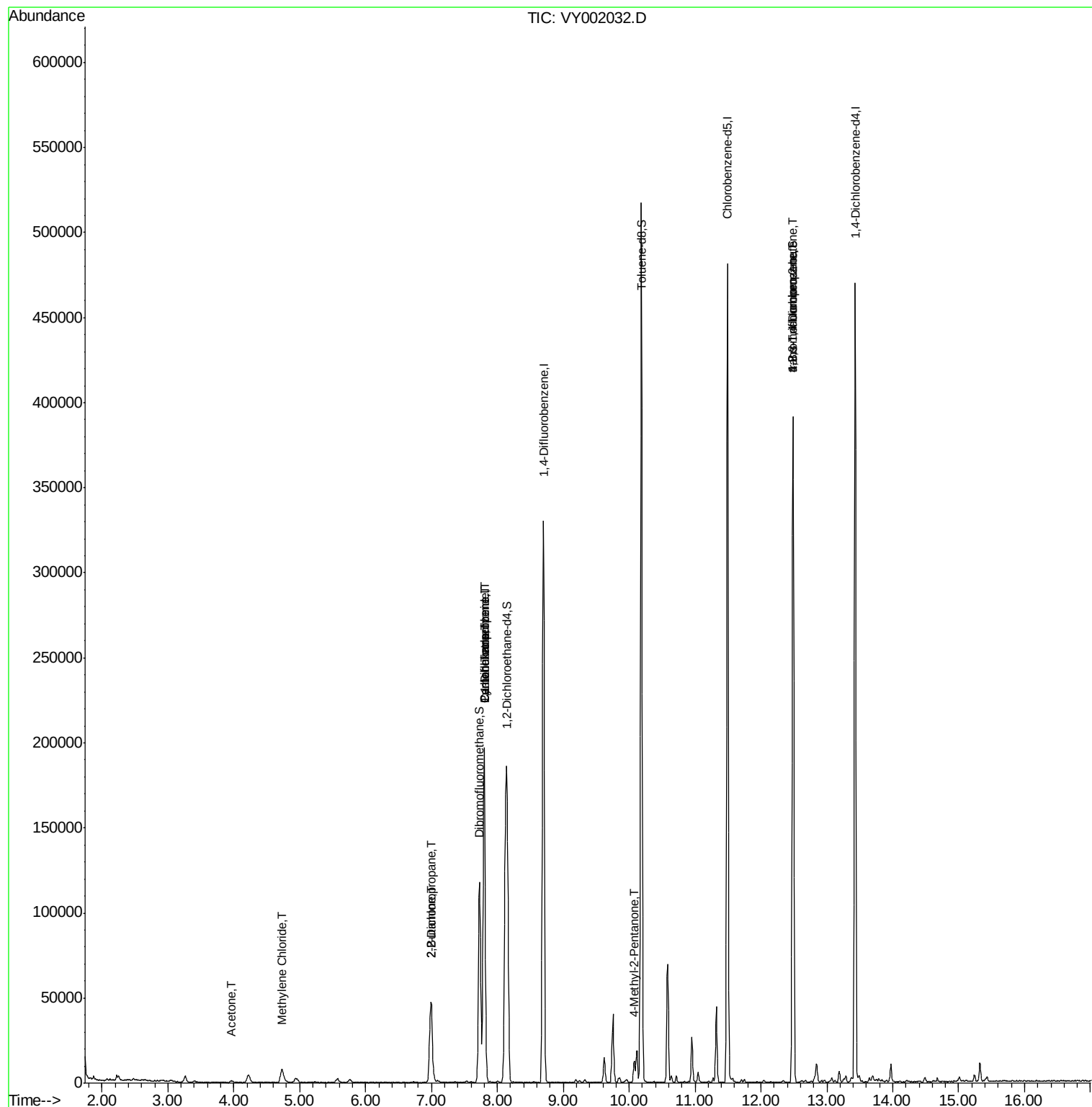
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.67	94	90	Below Cal	#	55
11) Tert butyl alcohol	4.96	59	3331	Below Cal	#	74
16) Acetone	3.96	43	1639	3.62	ug/l #	55
20) Methylene Chloride	4.73	84	5150	2.65	ug/l	96
25) 2-Butanone	7.00	43	2525	3.66	ug/l #	82
26) 2,2-Dichloropropane	6.99	77	3499	1.34	ug/l #	52
31) Cyclohexane	7.80	56	3646	1.07	ug/l #	8
36) 1,1-Dichloropropene	7.80	75	12706	4.72	ug/l #	50
38) Carbon Tetrachloride	7.80	117	15329	6.67	ug/l #	17
51) 4-Methyl-2-Pentanone	10.08	43	9286	6.09	ug/l	88
76) 1,2,3-Trichloropropane	12.49	75	60376	45.84	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60376	92.60	ug/l #	17

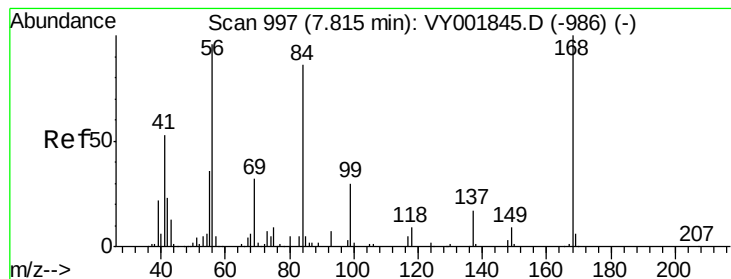
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032020\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002032.D

Acq: 20 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

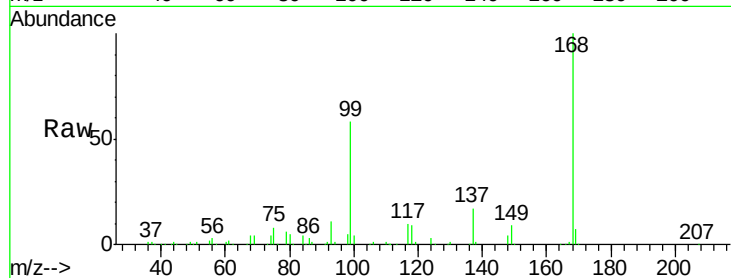
VY0320SBL01

Tgt Ion:168 Resp: 145735

Ion Ratio Lower Upper

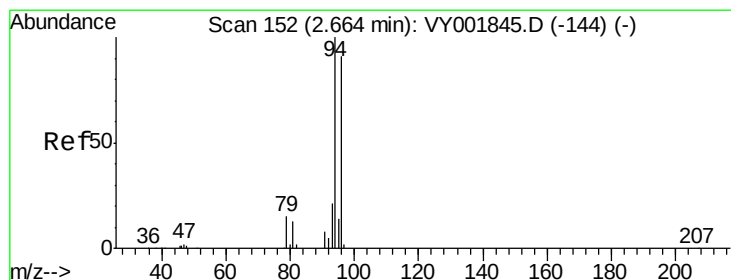
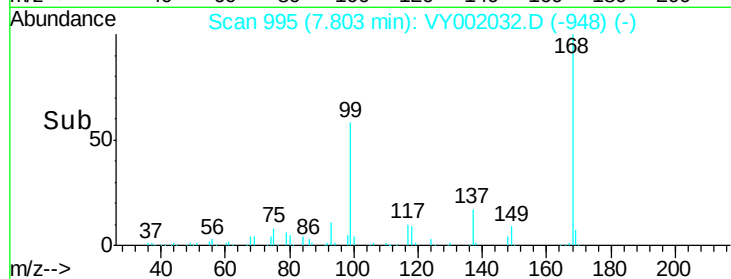
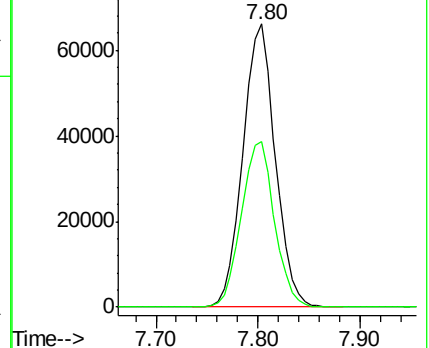
168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#5

Bromomethane

Concen: Below Cal

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002032.D

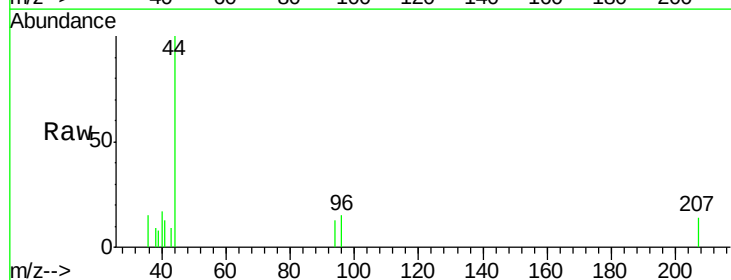
Acq: 20 Mar 2020 11:09

Tgt Ion: 94 Resp: 90

Ion Ratio Lower Upper

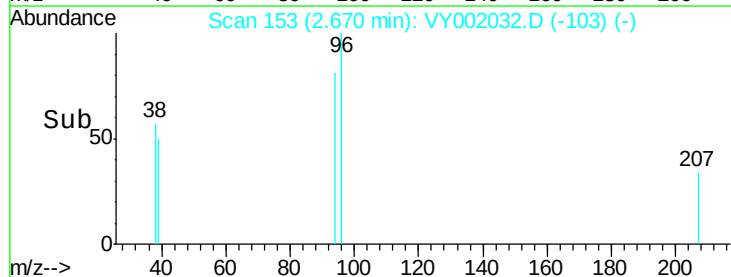
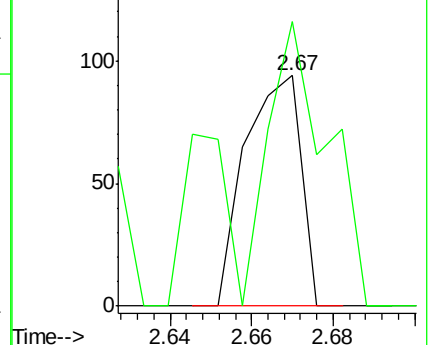
94 100

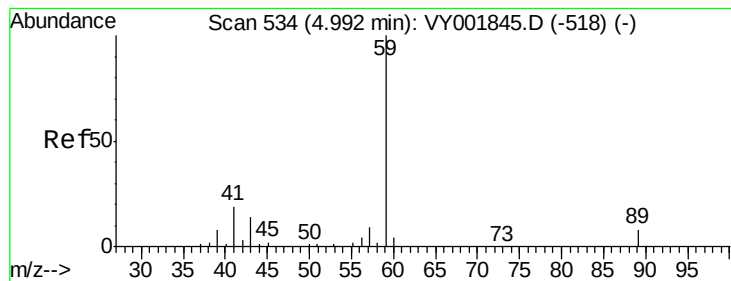
96 48.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



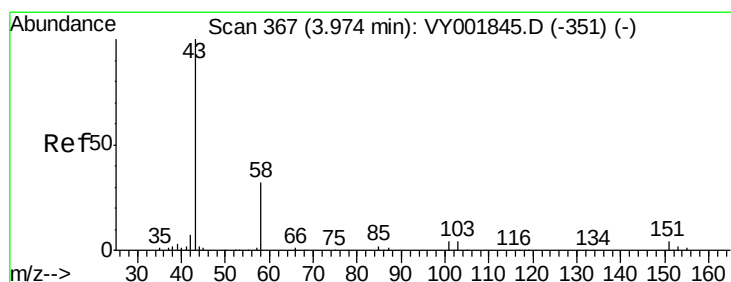
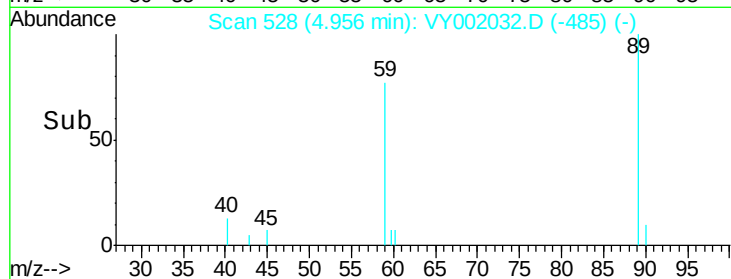
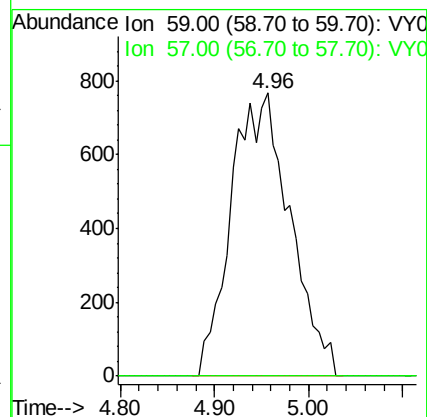
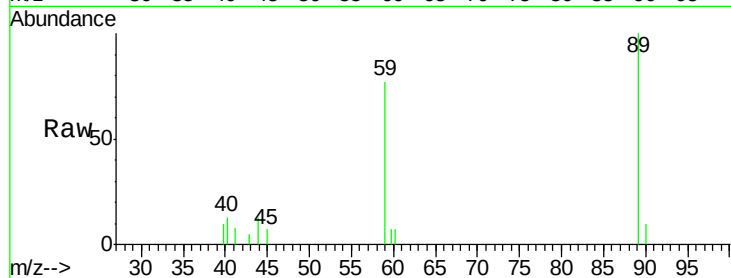


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

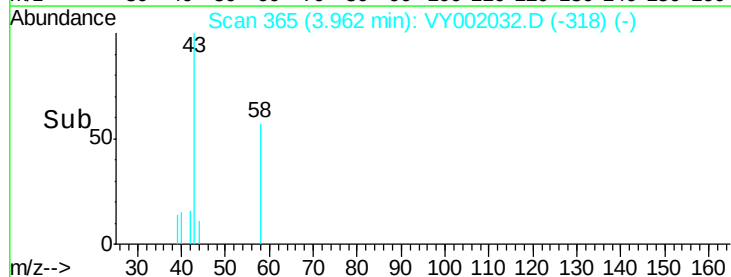
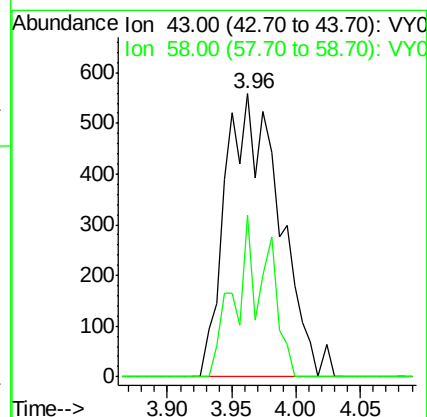
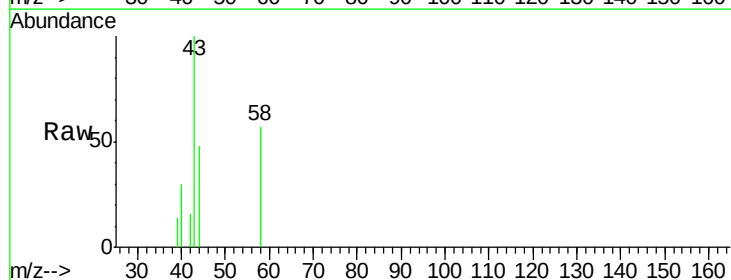
Tgt Ion: 59 Resp: 3331
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

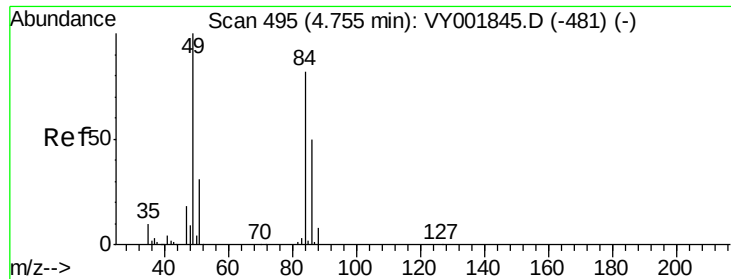


#16

Acetone
 Concen: 3.62 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Tgt Ion: 43 Resp: 1639
 Ion Ratio Lower Upper
 43 100
 58 57.3 25.9 38.9#

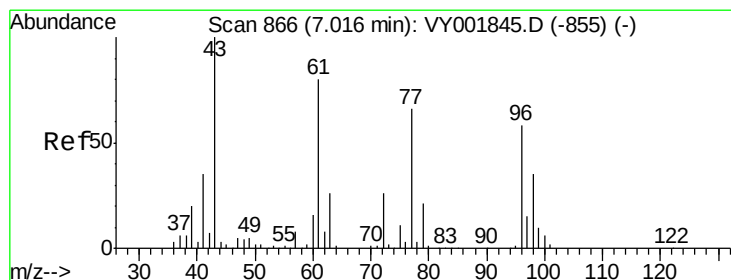
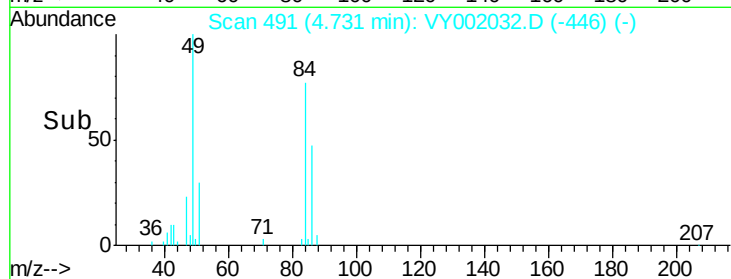
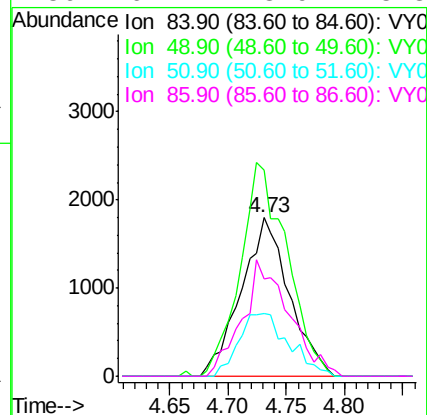
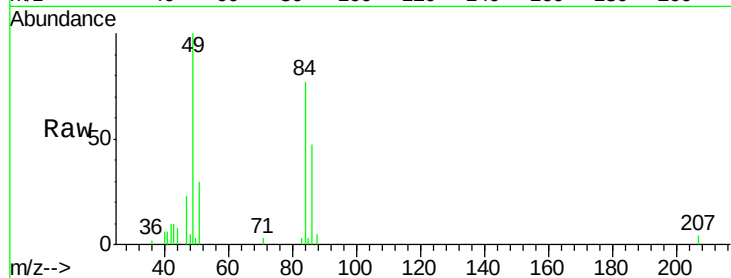




#20
Methylene Chloride
Concen: 2.65 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

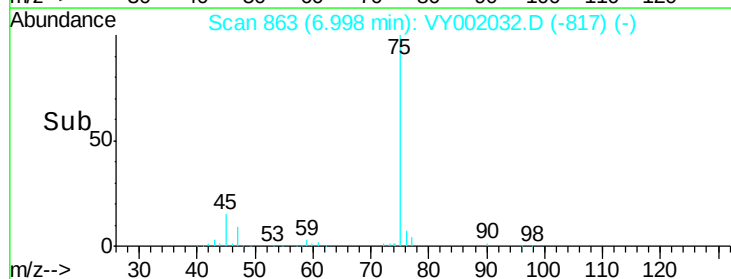
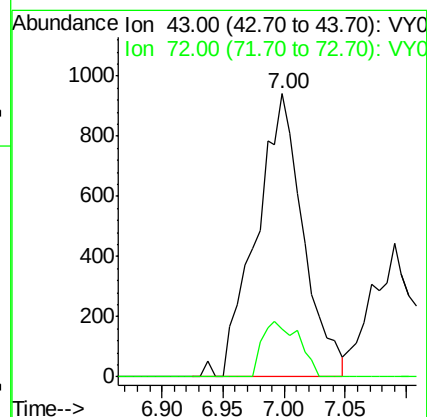
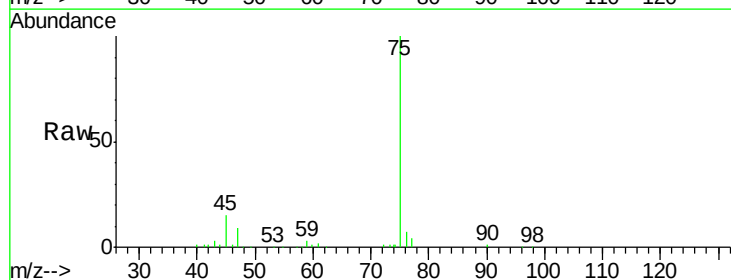
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

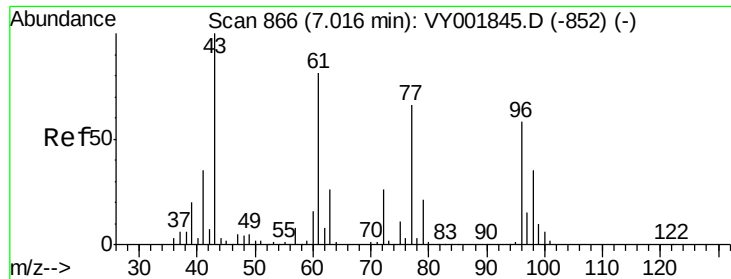
Tgt Ion:	84	Resp:	5150
Ion	Ratio	Lower	Upper
84	100		
49	130.5	98.2	147.2
51	39.3	30.2	45.2
86	61.2	48.9	73.3



#25
2-Butanone
Concen: 3.66 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

Tgt Ion:	43	Resp:	2525
Ion	Ratio	Lower	Upper
43	100		
72	17.1	20.9	31.3#

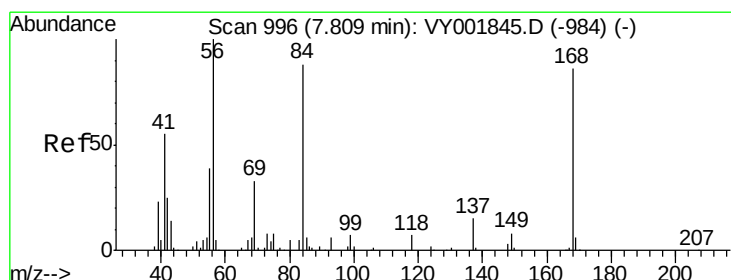
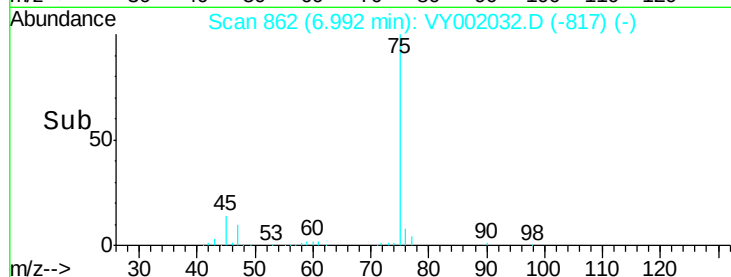
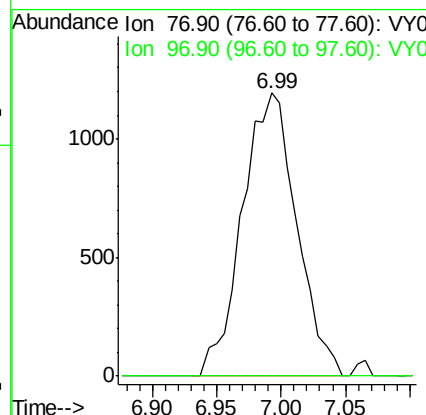
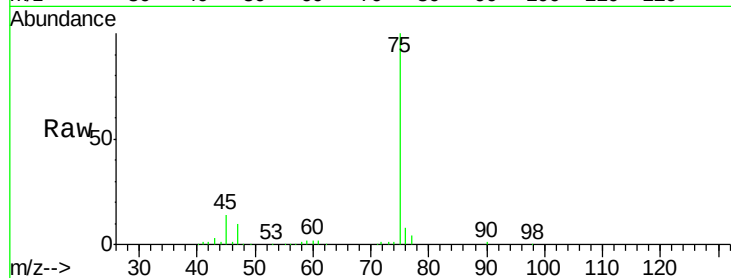




#26
 2,2-Dichloropropane
 Concen: 1.34 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

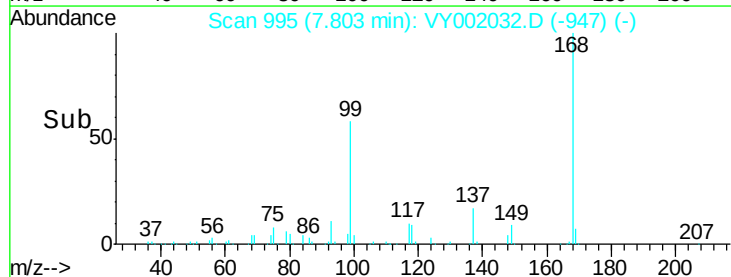
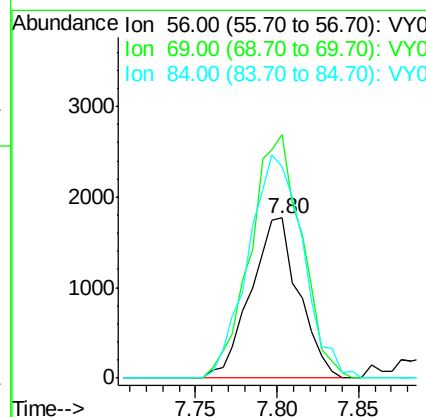
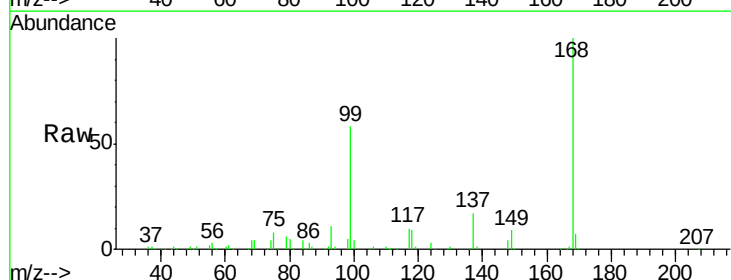
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0320SBL01

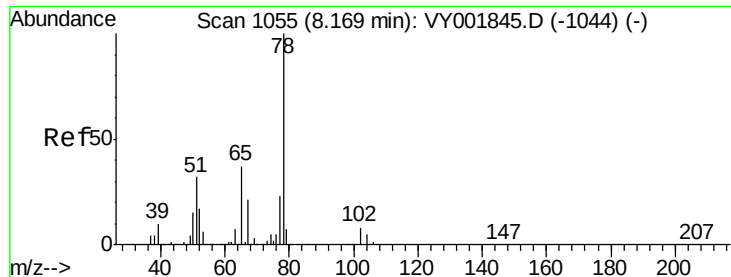
Tgt Ion: 77 Resp: 3499
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.7#



#31
 Cyclohexane
 Concen: 1.07 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Tgt Ion: 56 Resp: 3646
 Ion Ratio Lower Upper
 56 100
 69 152.4 26.7 40.1#
 84 132.3 70.4 105.6#

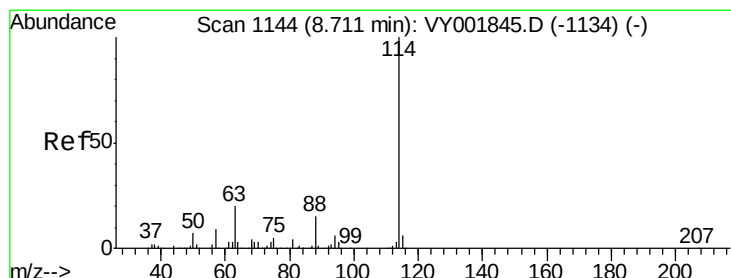
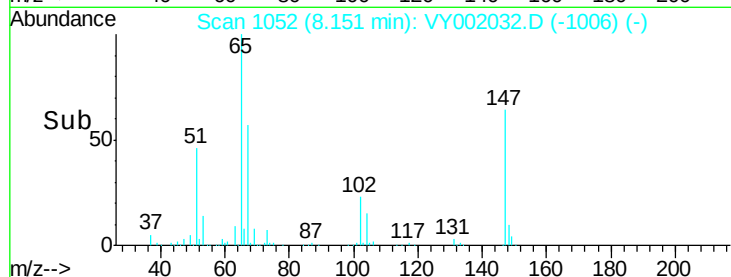
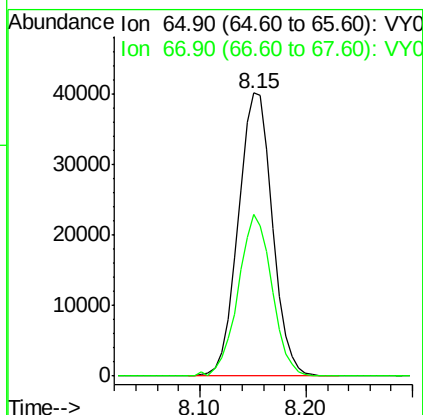
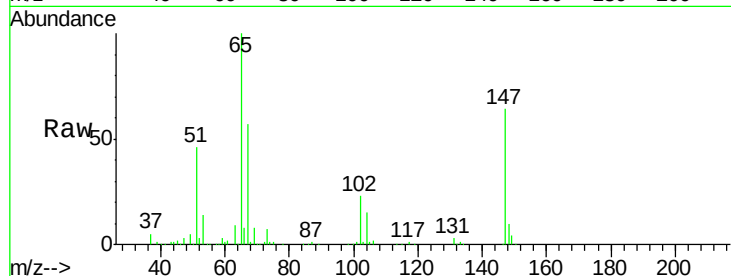




#33
 1,2-Dichloroethane-d4
 Concen: 58.28 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

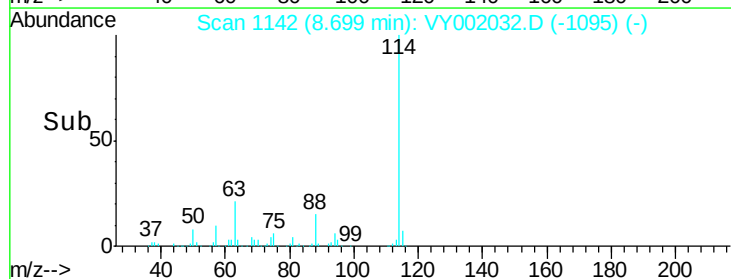
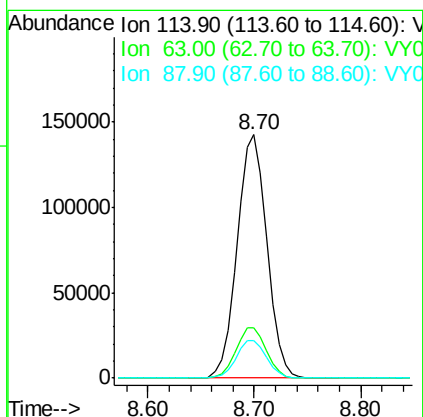
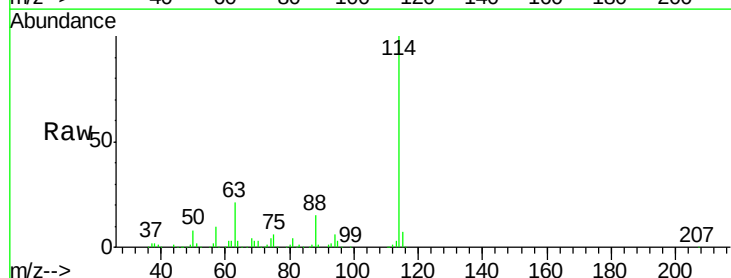
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

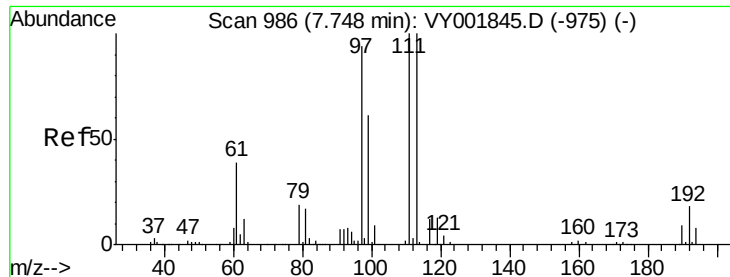
Tgt Ion: 65 Resp: 90673
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Tgt Ion: 114 Resp: 279562
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 15.4 0.0 30.4

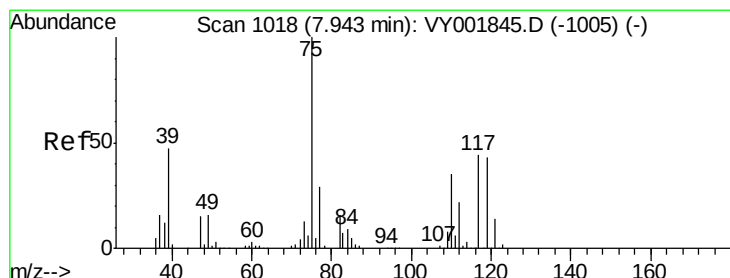
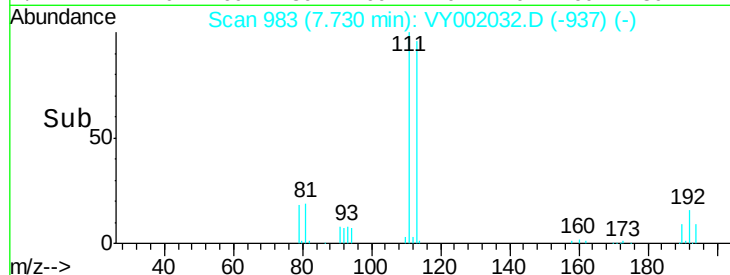
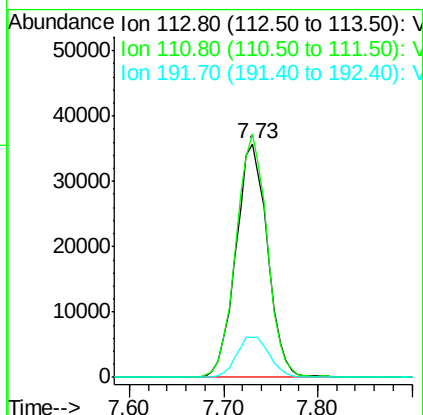
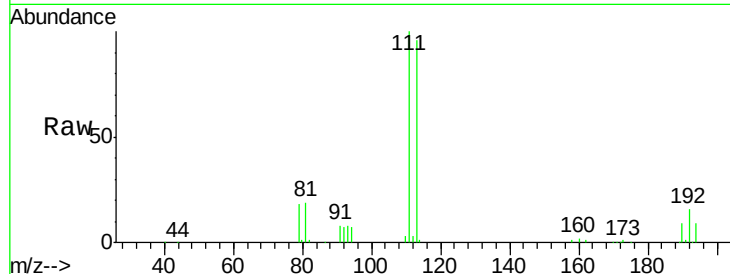




#35
 Dibromofluoromethane
 Concen: 54.86 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

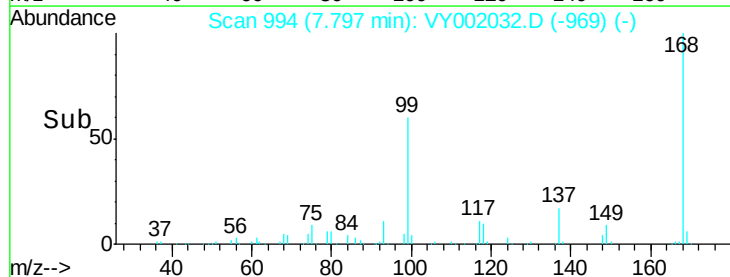
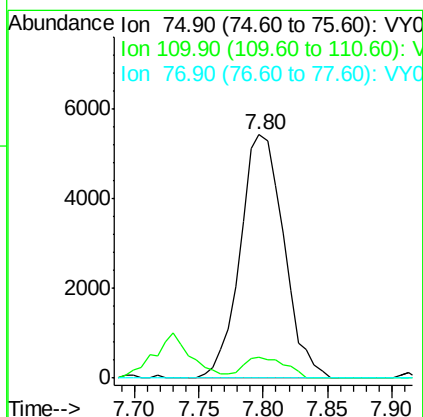
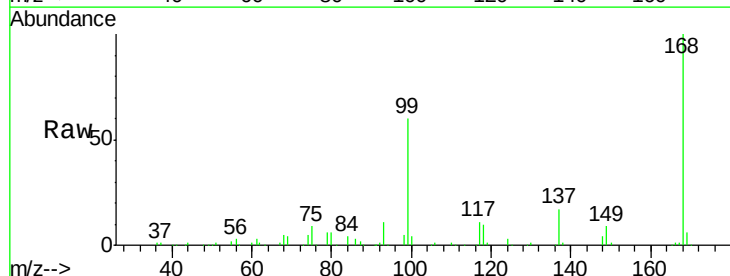
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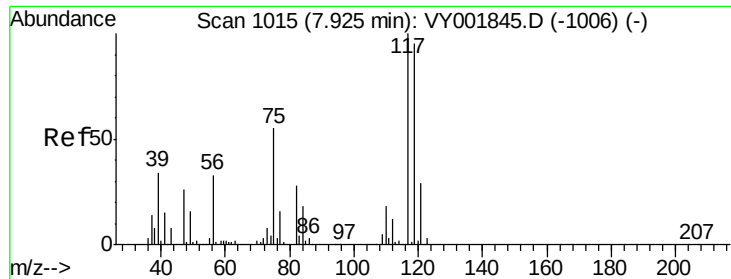
Tgt Ion:113 Resp: 83749
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 17.8 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.72 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.15 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Tgt Ion: 75 Resp: 12706
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.4 52.2#
 77 0.0 24.2 36.2#

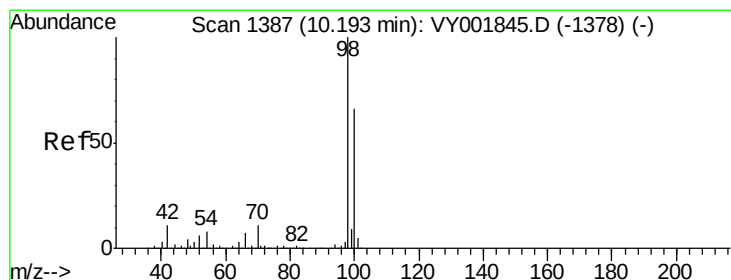
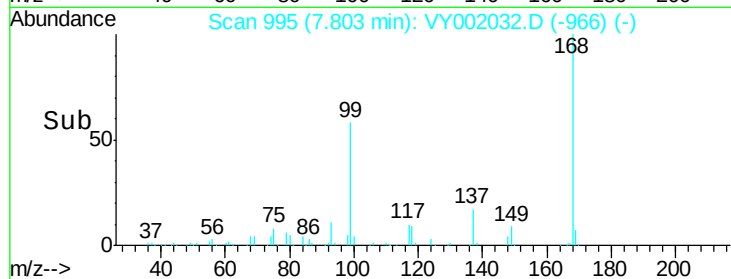
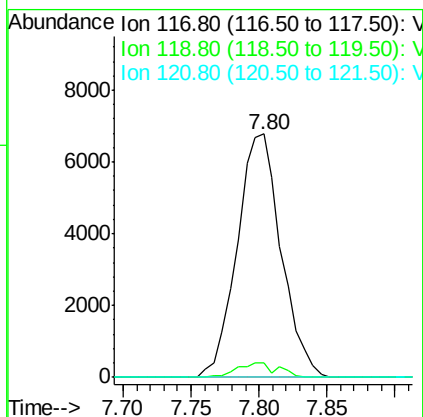
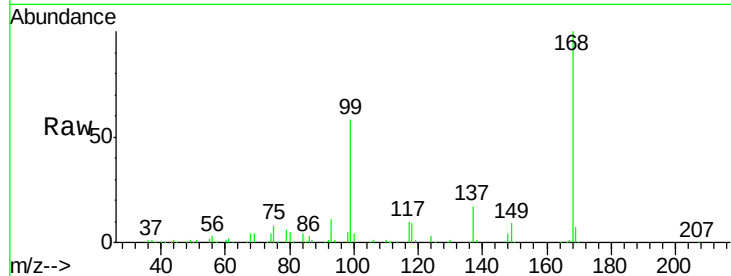




#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

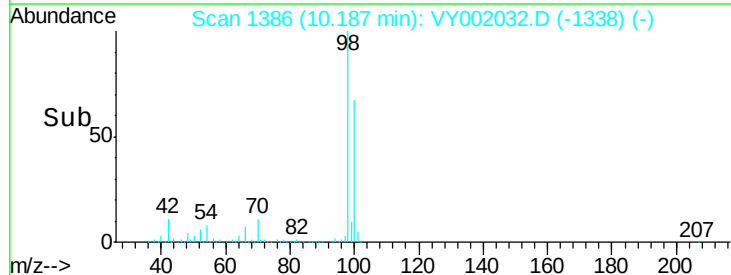
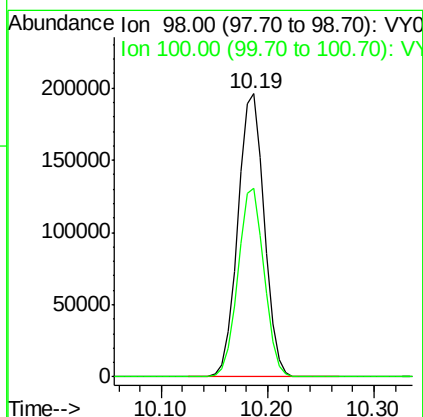
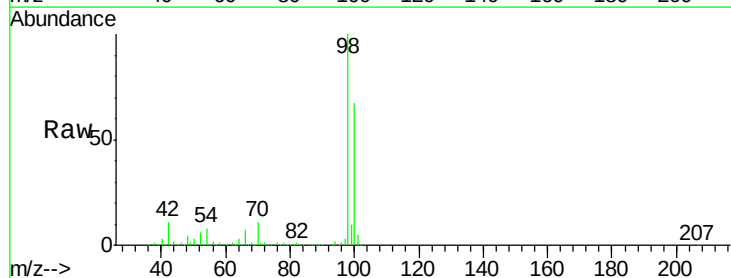
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

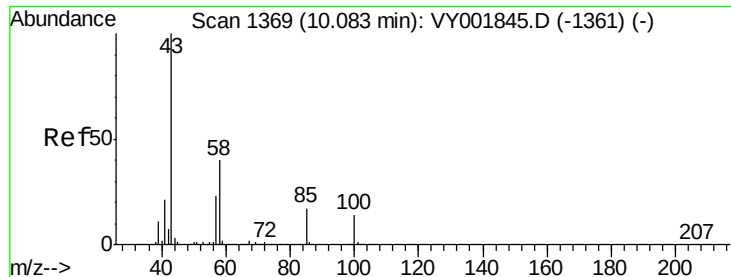
Tgt Ion:117 Resp: 15329
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

Tgt Ion: 98 Resp: 340808
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 6.09 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002032.D

Acq: 20 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

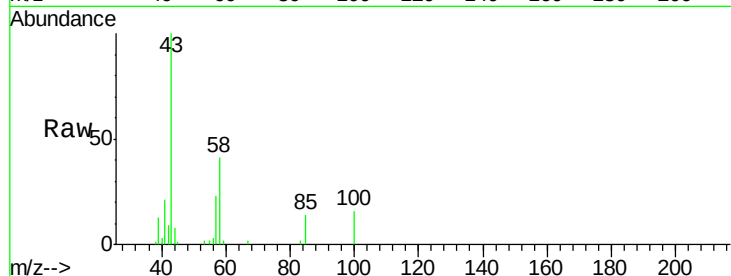
VY0320SBL01

Tgt Ion: 43 Resp: 9286

Ion Ratio Lower Upper

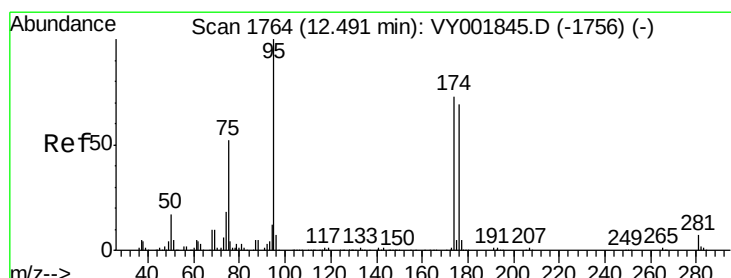
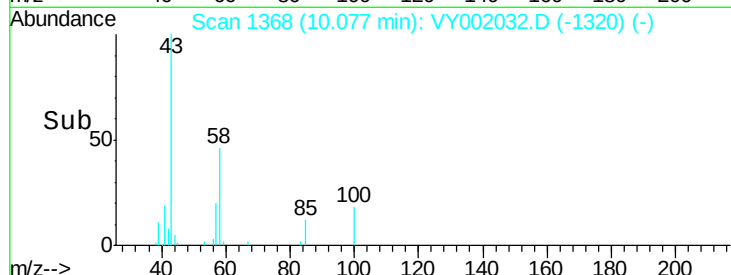
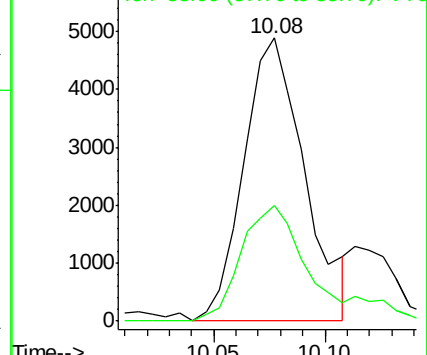
43 100

58 47.6 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 52.23 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002032.D

Acq: 20 Mar 2020 11:09

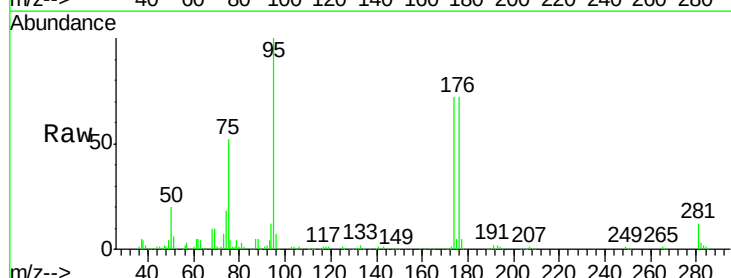
Tgt Ion: 95 Resp: 116912

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.0

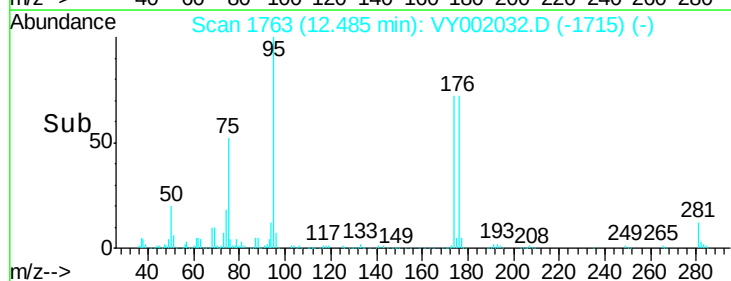
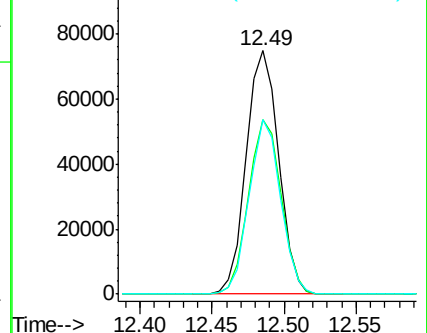
176 69.2 0.0 137.4

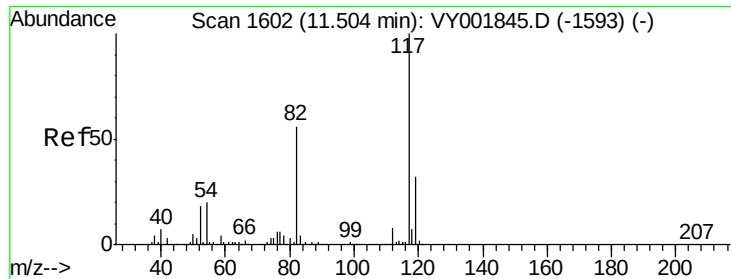


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

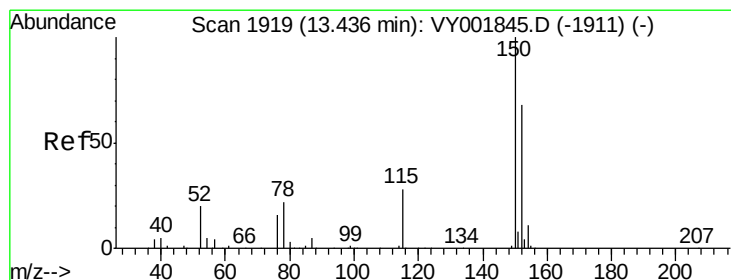
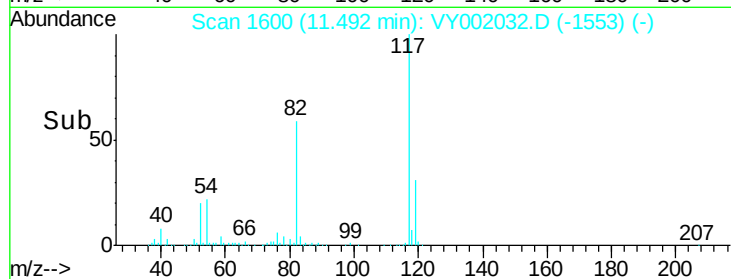
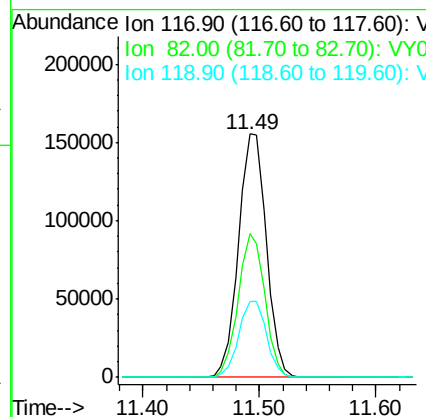
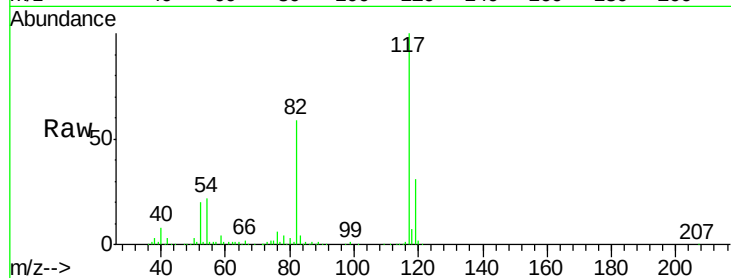




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

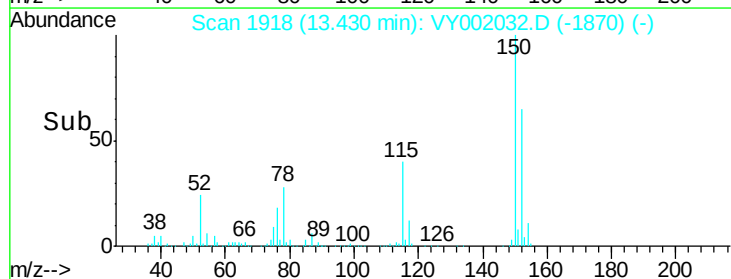
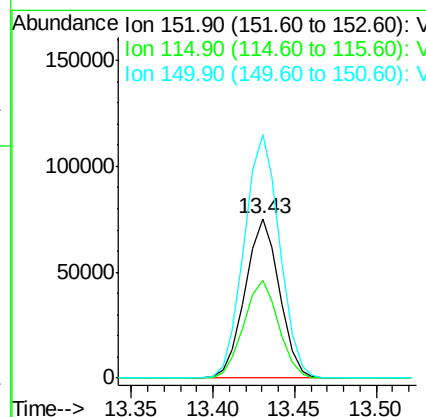
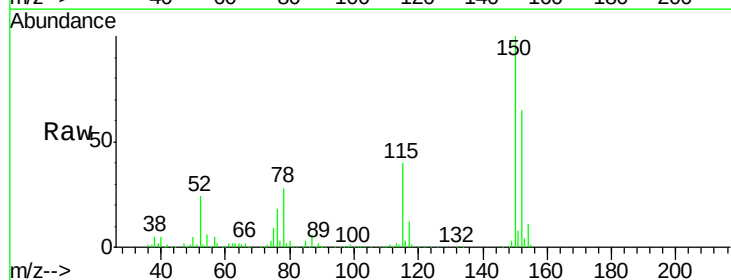
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

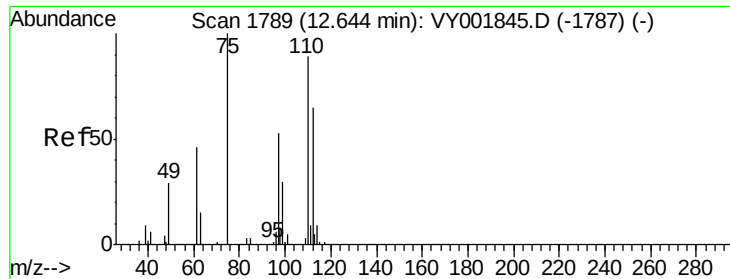
Tgt Ion:117 Resp: 259549
Ion Ratio Lower Upper
117 100
82 58.8 44.5 66.7
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

Tgt Ion:152 Resp: 110995
Ion Ratio Lower Upper
152 100
115 61.9 29.9 89.7
150 157.2 0.0 340.6

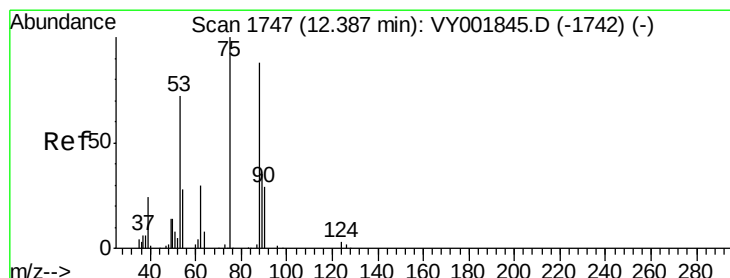
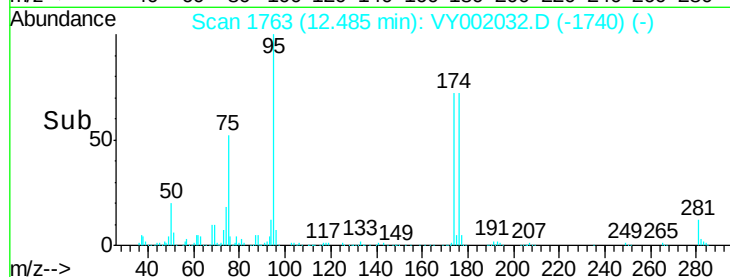
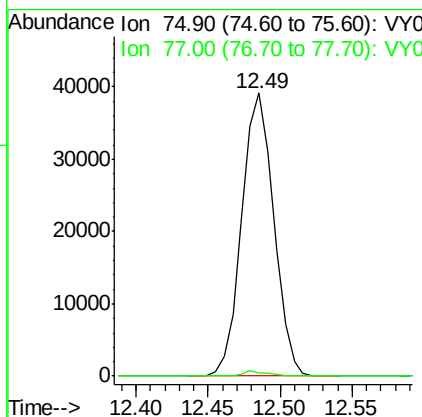
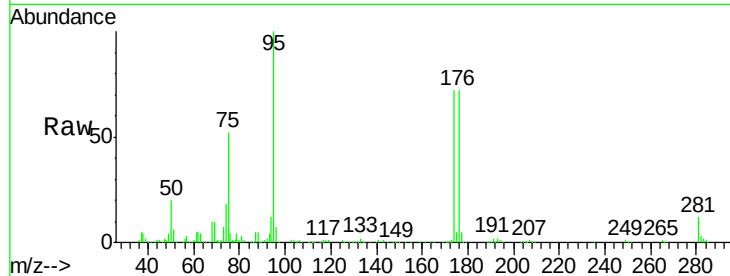




#76
 1,2,3-Trichloropropane
 Concen: 45.84 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Tgt Ion: 75 Resp: 60376
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.60 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002032.D
 Acq: 20 Mar 2020 11:09

Tgt Ion: 75 Resp: 60376
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.3 36.0 54.0#

