

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000350.D
 Acq On : 18 Oct 2019 14:15
 Operator : SY/MD
 Sample : K5447-01
 Misc : 5.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:54:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	265189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	152406	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	7.73	113	129680	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.19	98	510879	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.48	95	161856	41.22	ug/l	0.00
Spiked Amount			Recovery	=	82.44%	

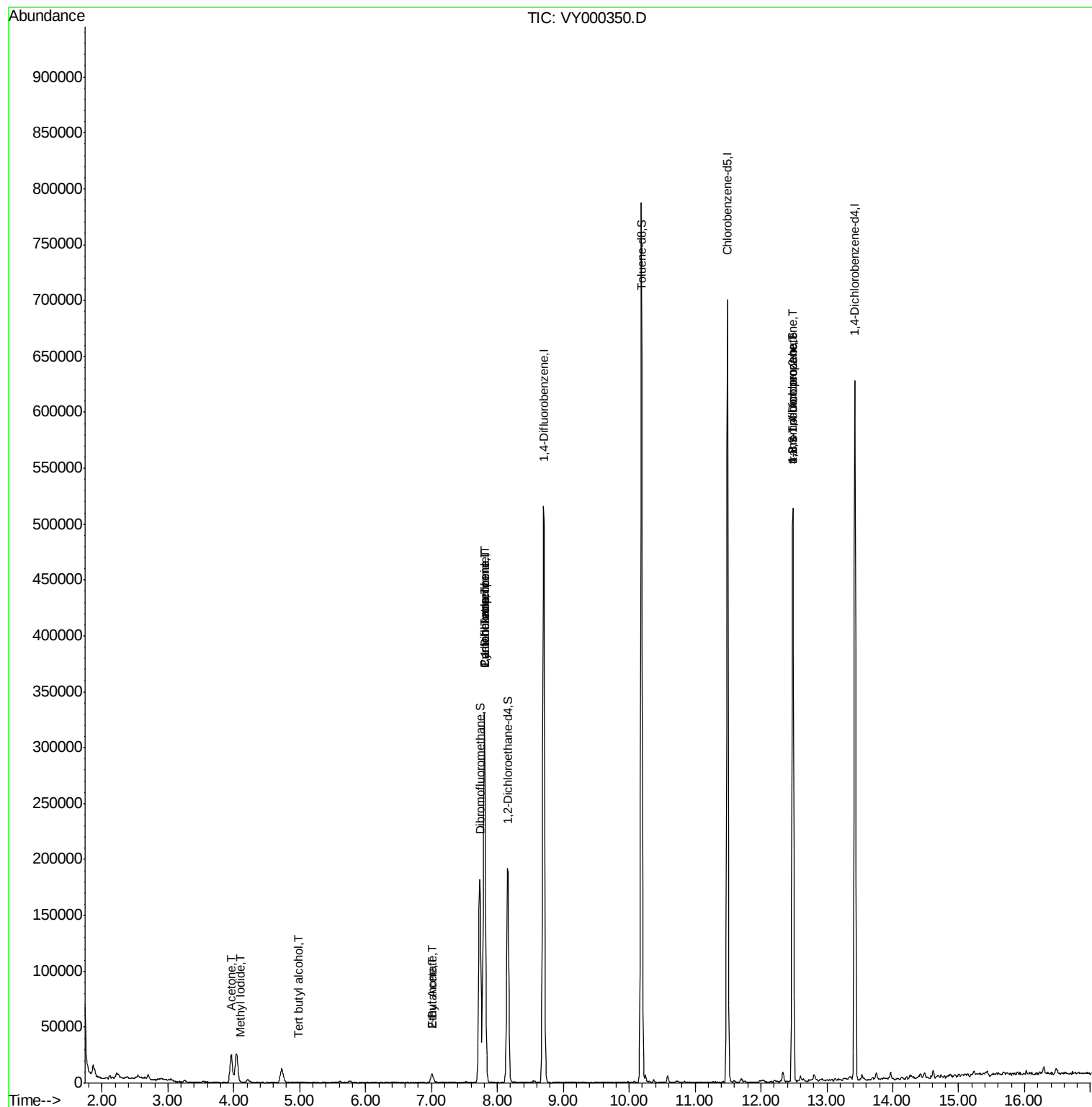
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	80	1.206	ug/l #	41
11) Tert butyl alcohol	4.99	59	306	1.045	ug/l #	73
16) Acetone	3.96	43	42496	46.911	ug/l	96
20) Methylene Chloride	4.72	84	9256	Below Cal	#	76
25) 2-Butanone	7.01	43	13084	10.253	ug/l	92
31) Cyclohexane	7.80	56	5723	1.069	ug/l #	24
36) 1,1-Dichloropropene	7.80	75	20313	4.658	ug/l #	50
37) Ethyl Acetate	7.01	43	13084	5.067	ug/l #	67
38) Carbon Tetrachloride	7.80	117	25477	6.034	ug/l #	20
76) 1,2,3-Trichloropropane	12.48	75	86704	45.845	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86704	100.307	ug/l #	14

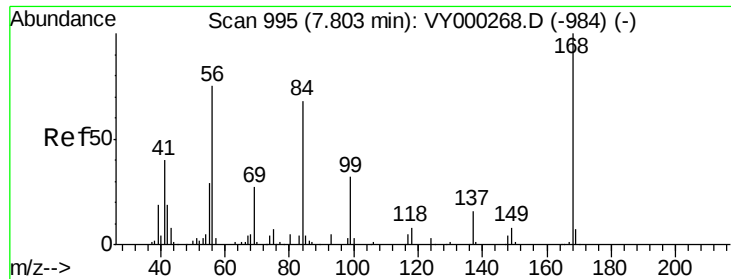
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
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Quant Time: Oct 19 00:54:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



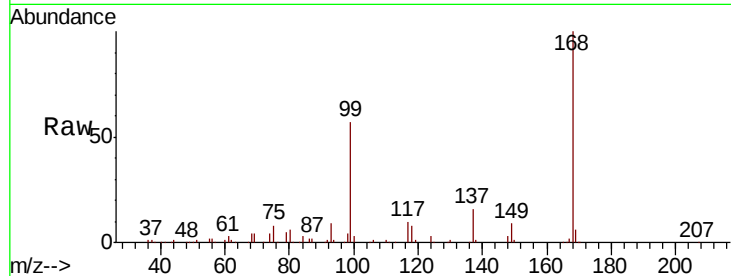


#1

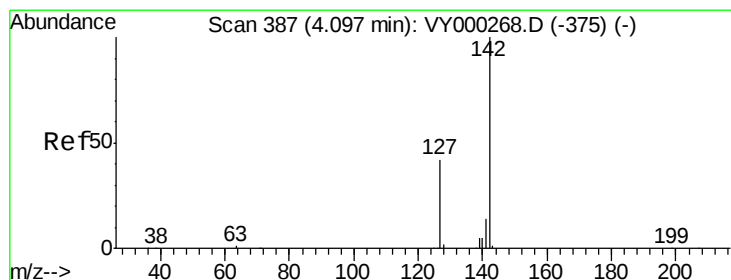
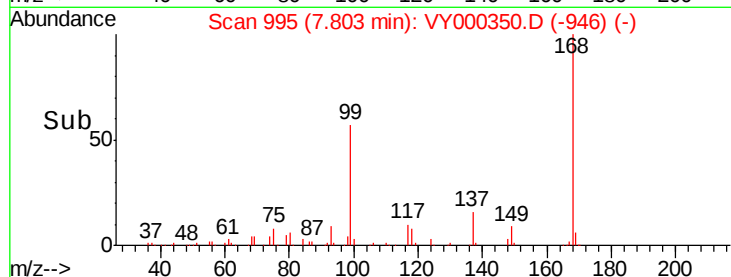
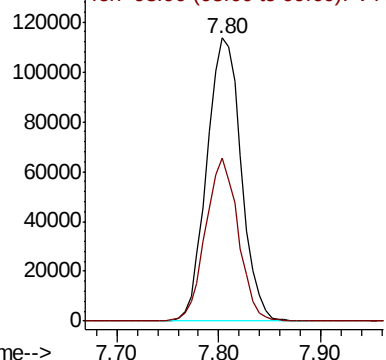
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000350.D
 Acq: 18 Oct 2019 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 265189
 Ion Ratio Lower Upper
 168 100
 99 57.5 46.6 69.8



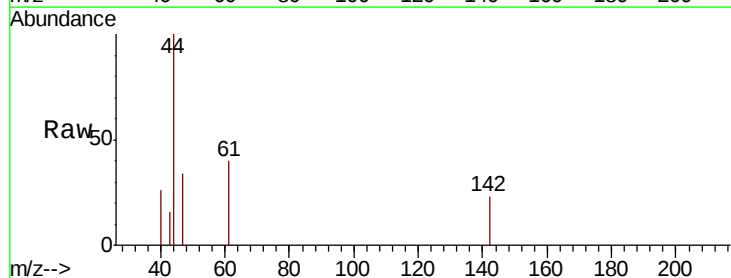
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VY0



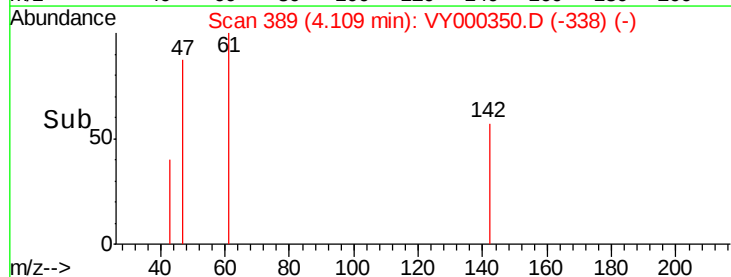
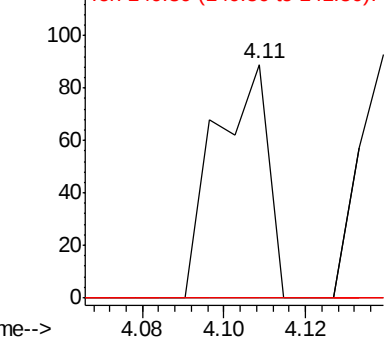
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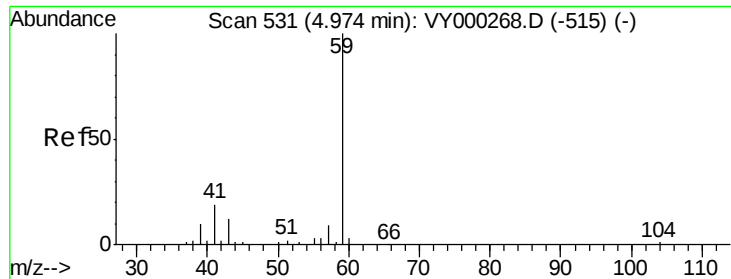
Methyl Iodide
 Concen: 1.206 ug/l
 RT: 4.11 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VY000350.D
 Acq: 18 Oct 2019 14:15

Tgt Ion:142 Resp: 80
 Ion Ratio Lower Upper
 142 100
 127 0.0 33.9 50.9#
 141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

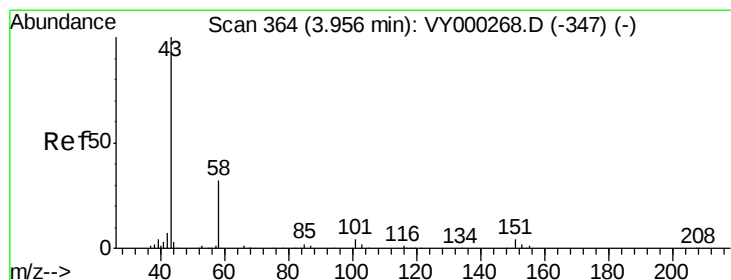
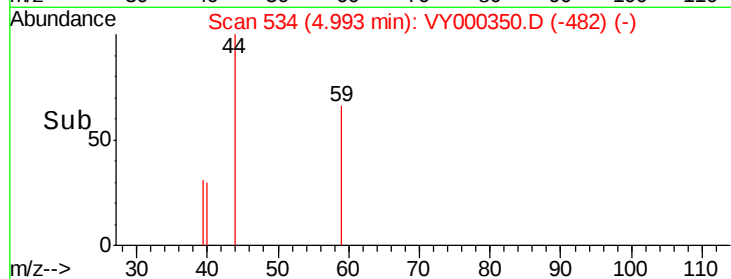
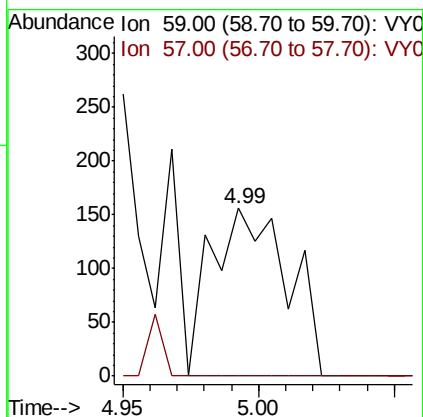
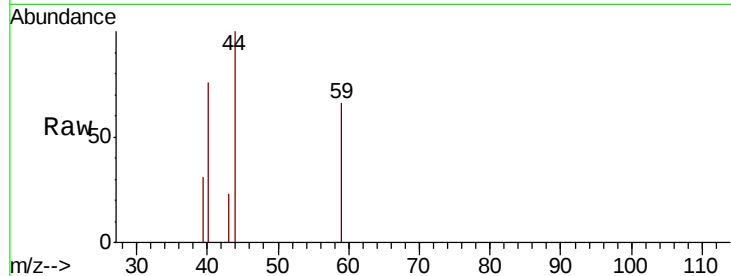




#11
Tert butyl alcohol
Concen: 1.045 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

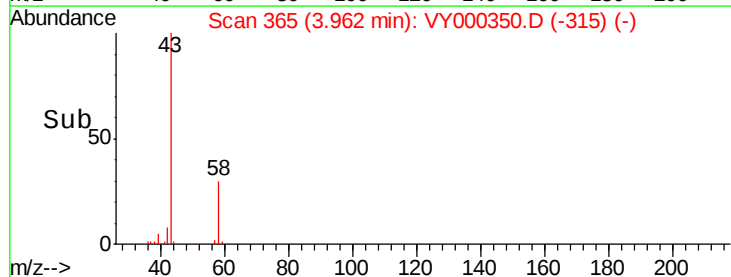
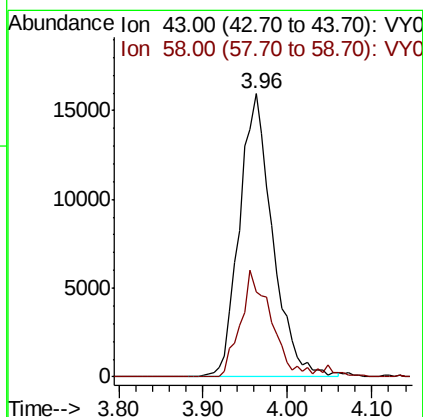
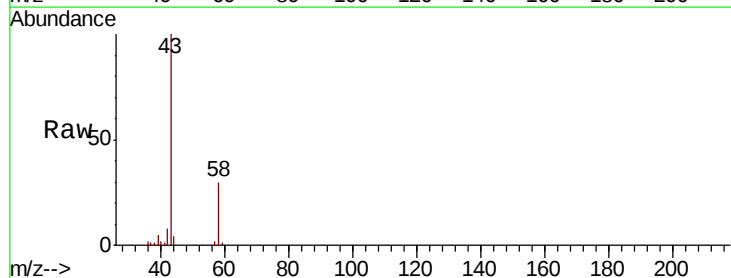
Instrument :
MSVOA_Y
ClientSampled :

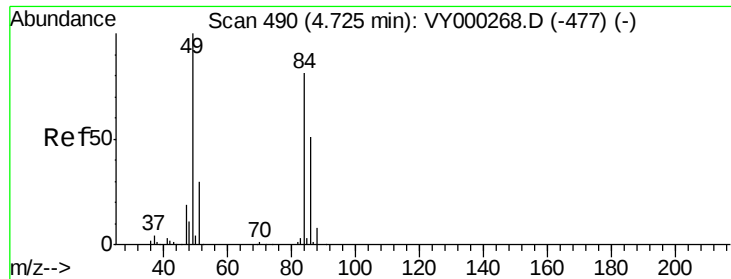
Tot Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 46.911 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Tgt Ion: 43 Resp: 42496
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6

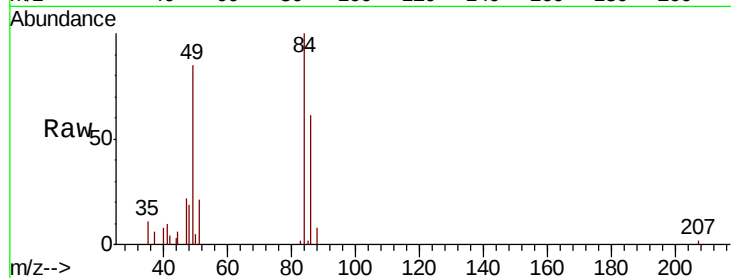




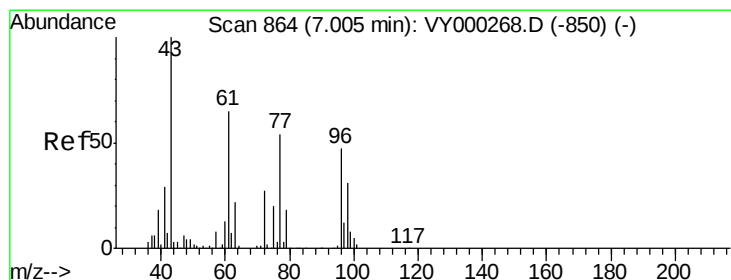
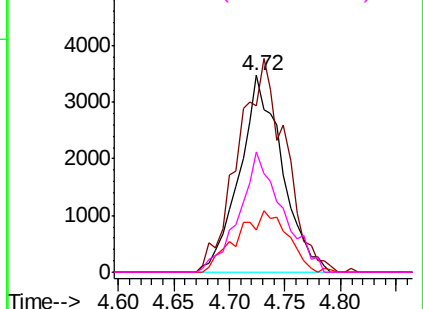
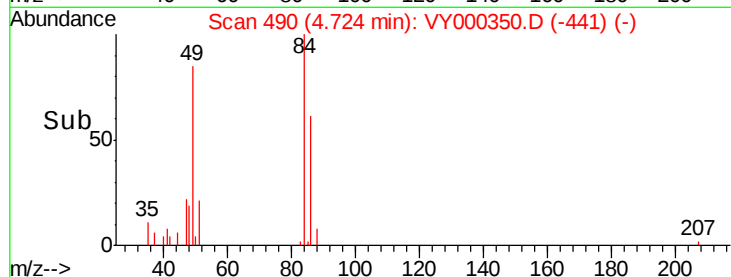
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 9256
Ion Ratio Lower Upper
84 100
49 84.7 99.0 148.4#
51 21.4 29.3 43.9#
86 61.2 50.2 75.4

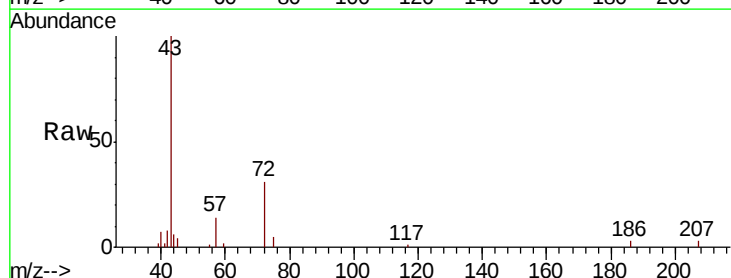


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

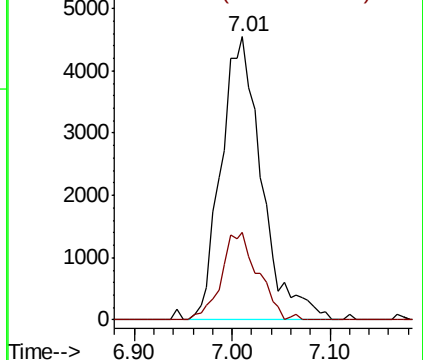
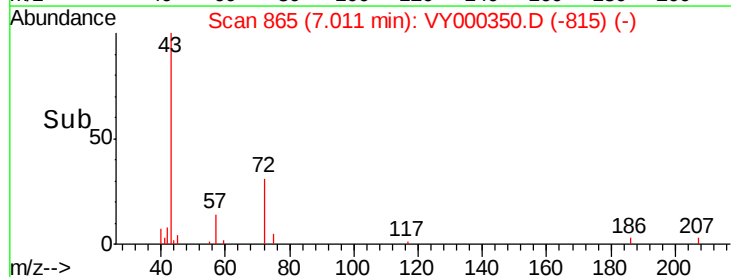


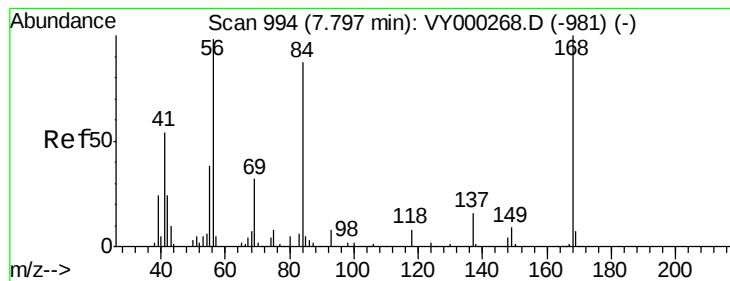
#25
2-Butanone
Concen: 10.253 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Tgt Ion: 43 Resp: 13084
Ion Ratio Lower Upper
43 100
72 30.9 21.4 32.2



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





#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

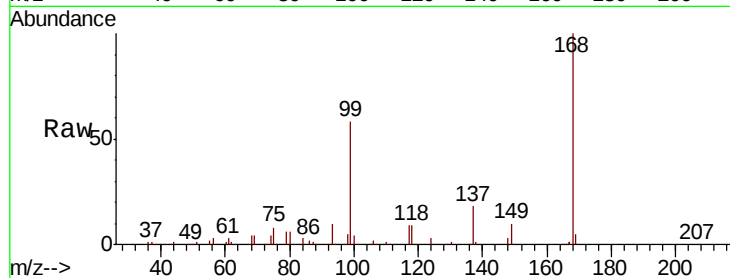
Lab File: VY000350.D

Acq: 18 Oct 2019 14:15

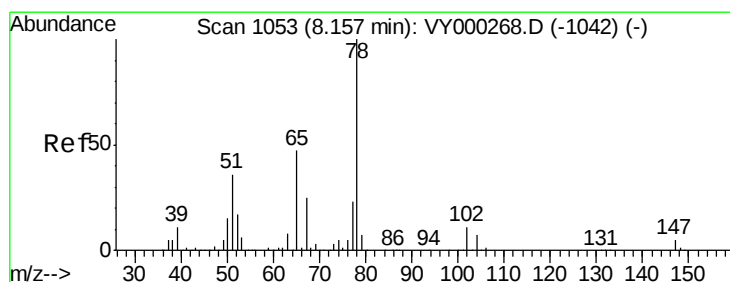
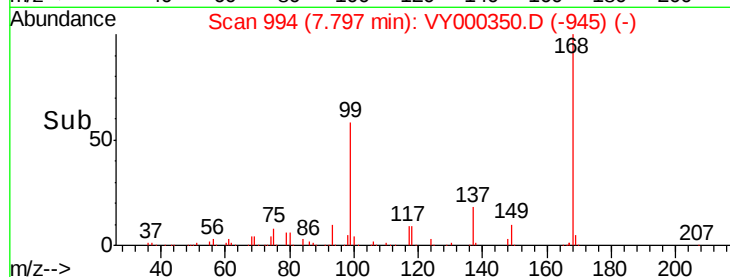
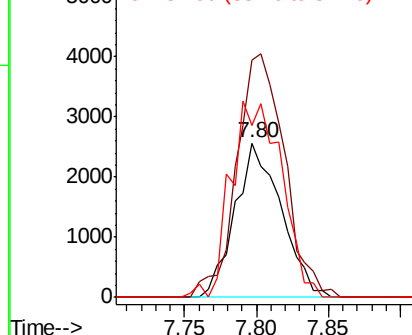
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5723

Ion	Ratio	Lower	Upper
56	100		
69	153.1	26.3	39.5#
84	111.5	70.8	106.2#



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: 54.483 ug/l

RT: 8.16 min Scan# 1053

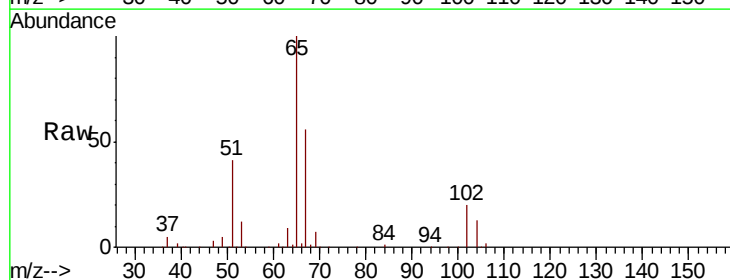
Delta R.T. -0.00 min

Lab File: VY000350.D

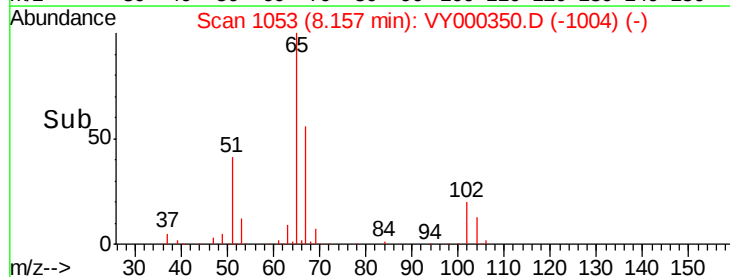
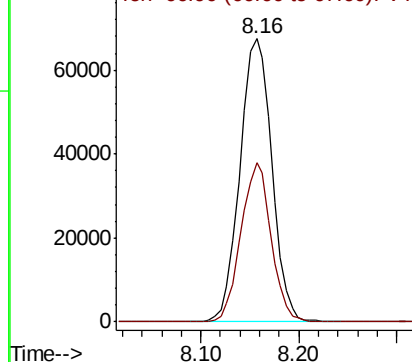
Acq: 18 Oct 2019 14:15

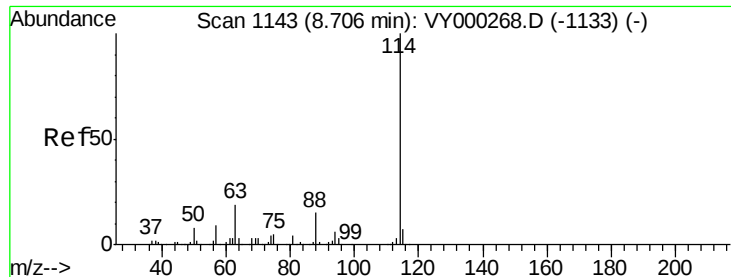
Tgt Ion: 65 Resp: 152406

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

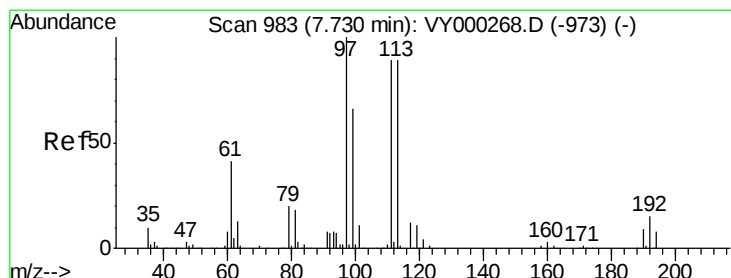
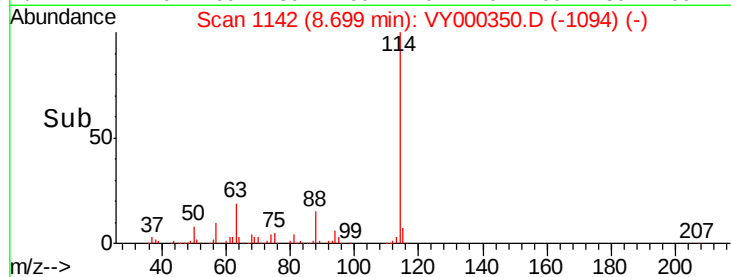
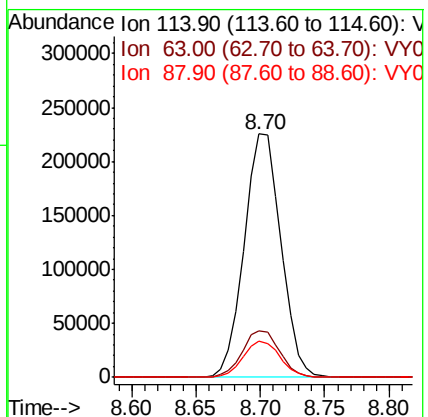
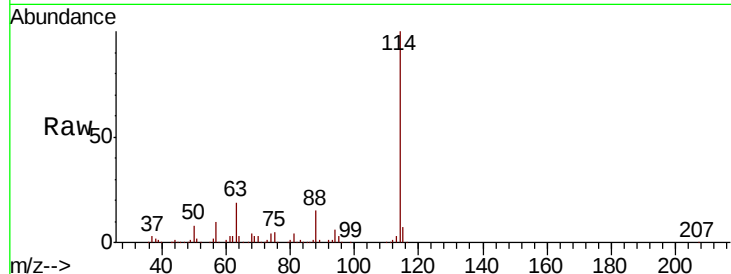




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000350.D
 Acq: 18 Oct 2019 14:15

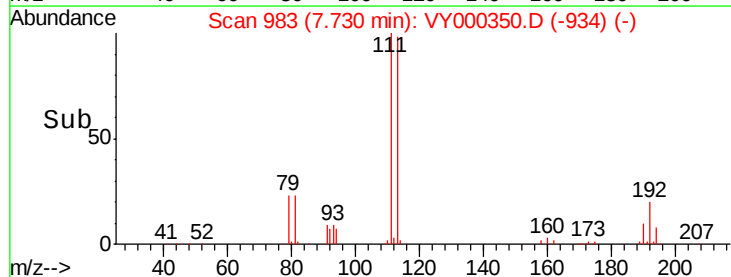
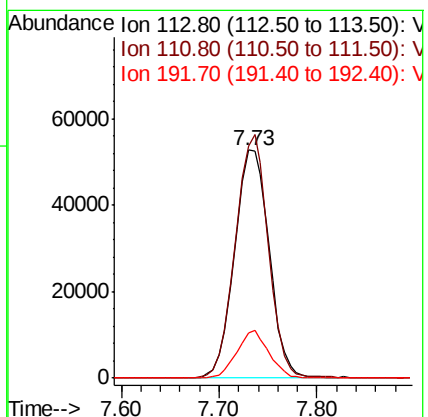
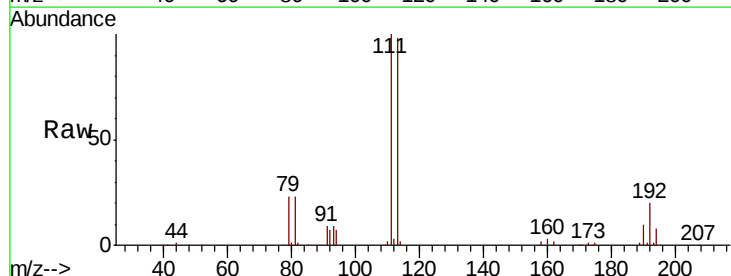
Instrument :
 MSVOA_Y
 ClientSampleId :

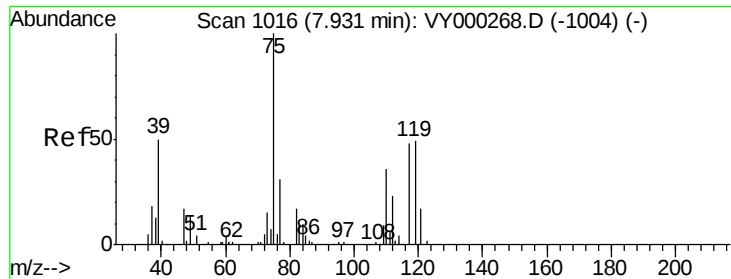
Tot Ion:114 Resp: 445404
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.2
 88 14.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 48.267 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000350.D
 Acq: 18 Oct 2019 14:15

Tgt Ion:113 Resp: 129680
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 19.2 15.3 22.9

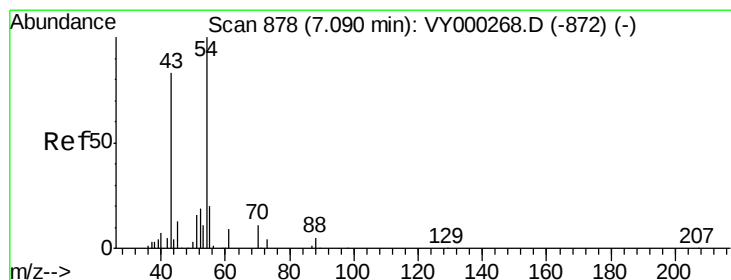
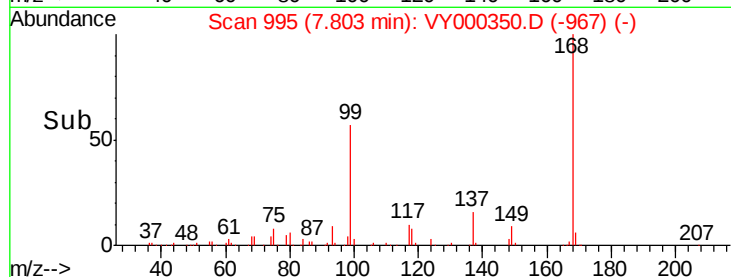
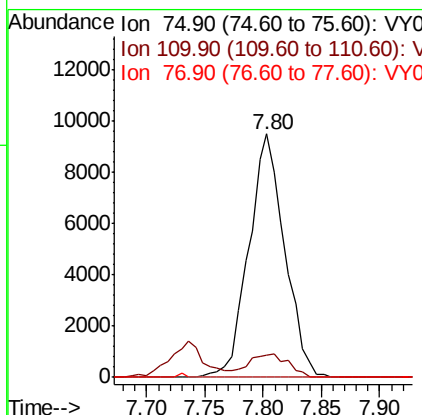
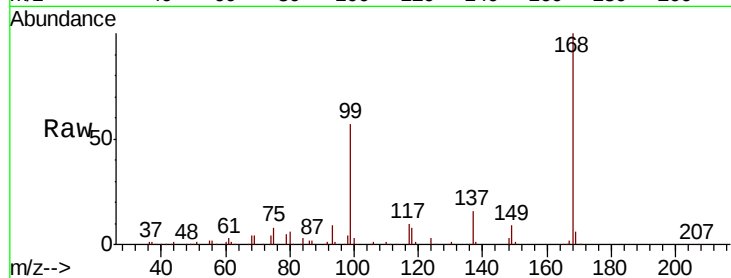




#36
 1,1-Dichloropropene
 Concen: 4.658 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000350.D
 Acq: 18 Oct 2019 14:15

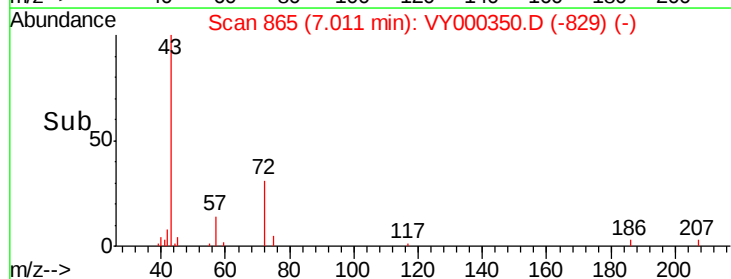
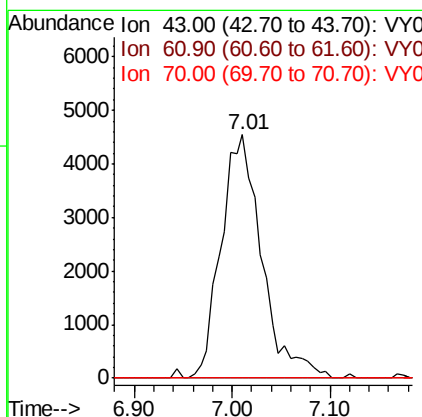
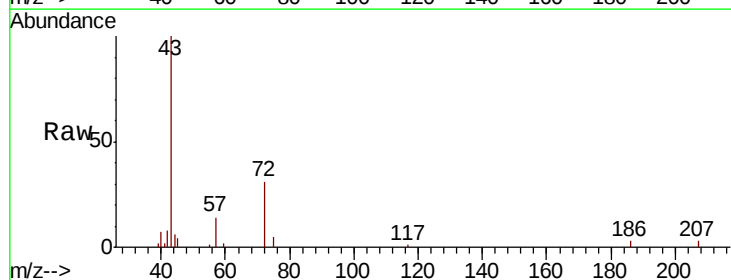
Instrument :
 MSVOA_Y
 ClientSampled :

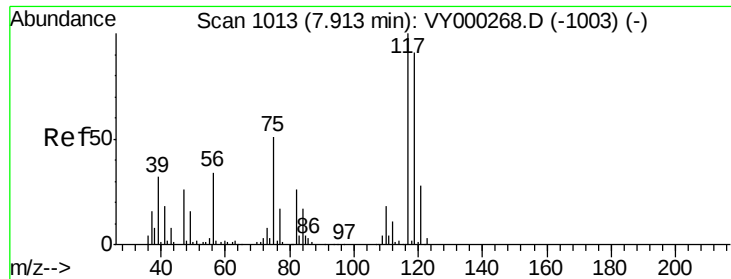
Tot Ion: 75 Resp: 20313
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.4 55.4#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 5.067 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VY000350.D
 Acq: 18 Oct 2019 14:15

Tgt Ion: 43 Resp: 13084
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 8.7 13.1#

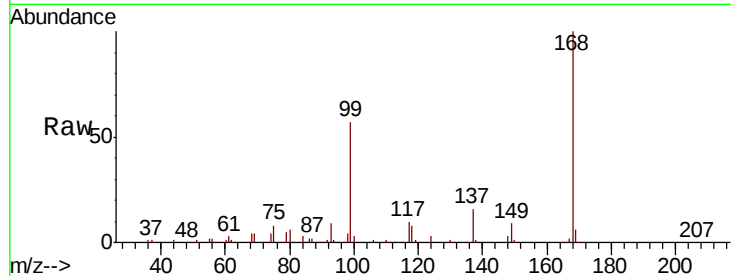




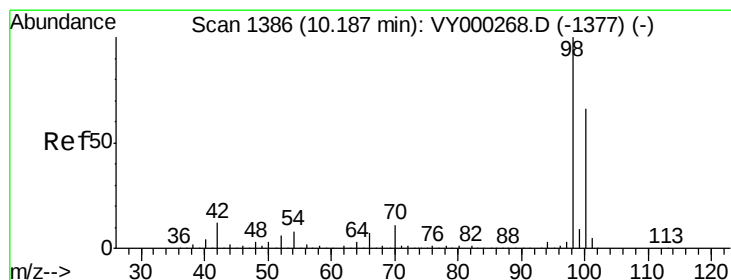
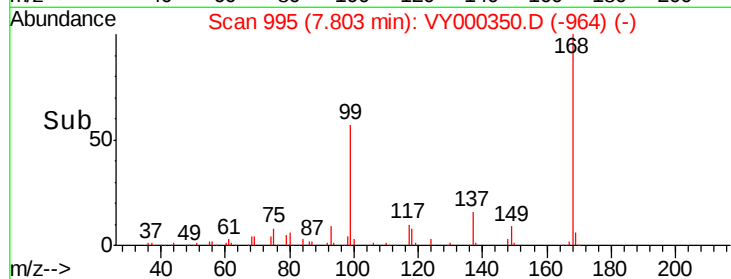
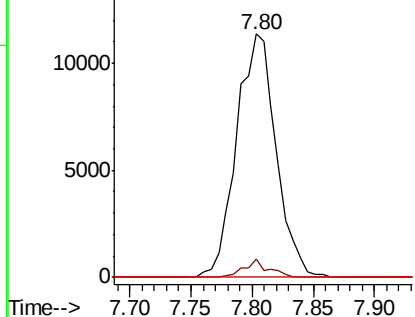
#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 25477
Ion Ratio Lower Upper
117 100
119 7.4 72.8 109.2#
121 0.0 22.2 33.2#

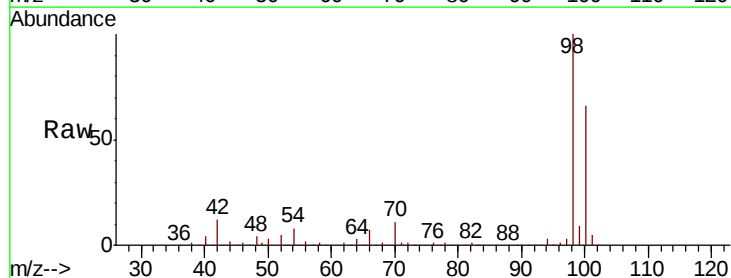


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

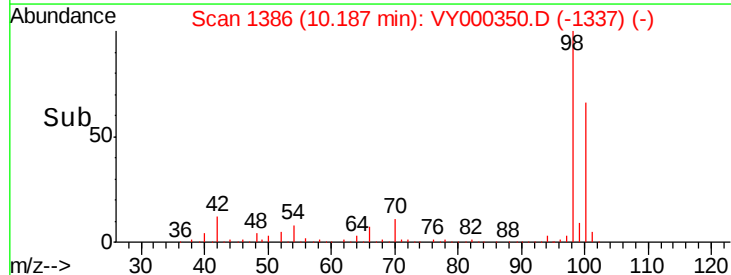
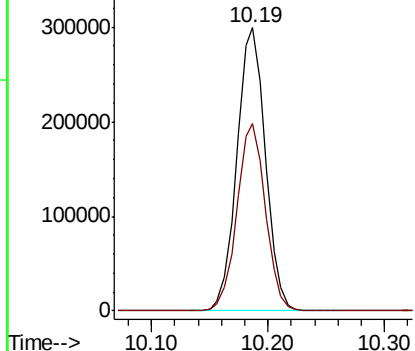


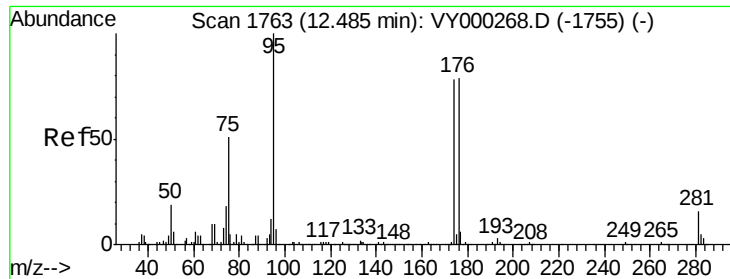
#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Tgt Ion: 98 Resp: 510879
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



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

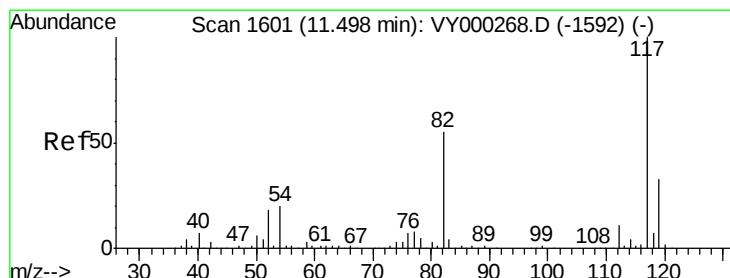
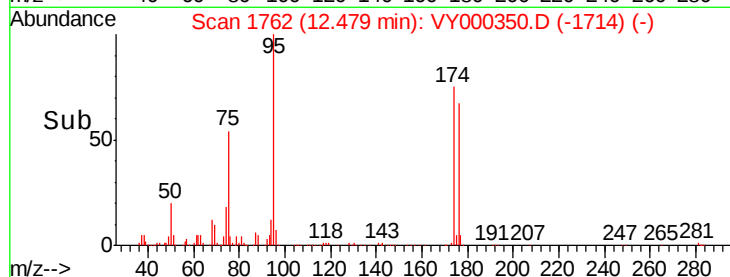
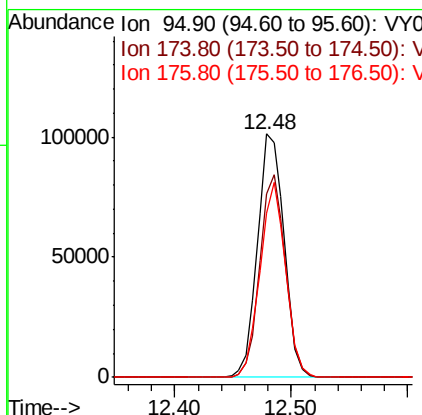
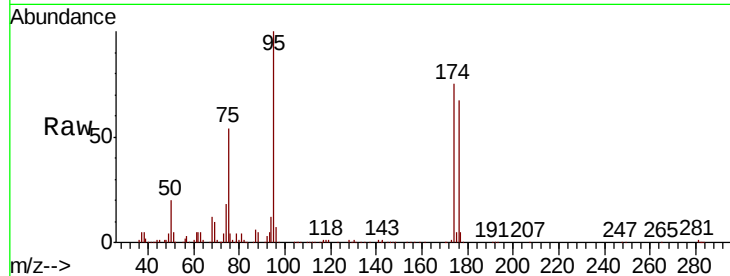




#62
4-Bromofluorobenzene
Concen: 41.222 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

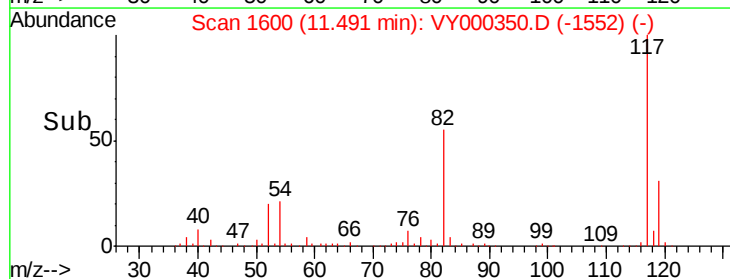
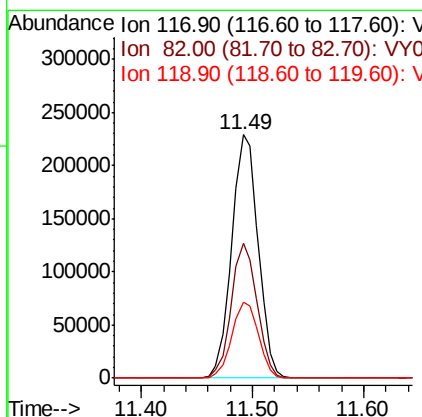
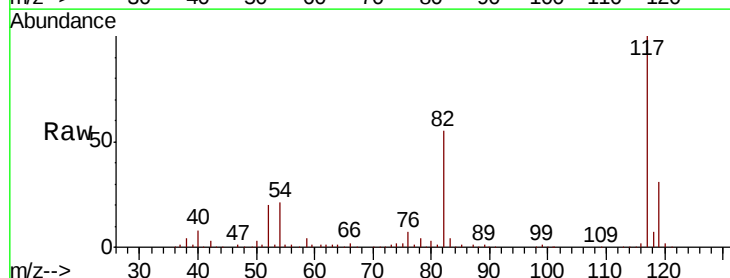
Instrument :
MSVOA_Y
ClientSampleId :

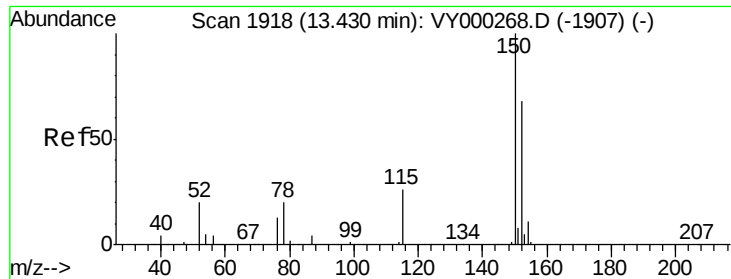
Tot Ion	95	Resp	161856
Ion Ratio	Lower	Upper	
95	100		
174	80.1	0.0	159.6
176	76.8	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Tgt Ion	117	Resp	375544
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.7	65.5
119	31.0	26.6	39.8



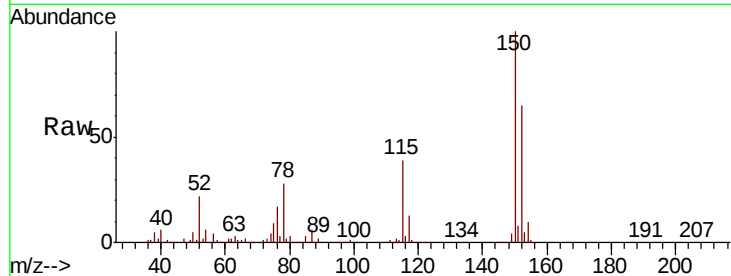


#72

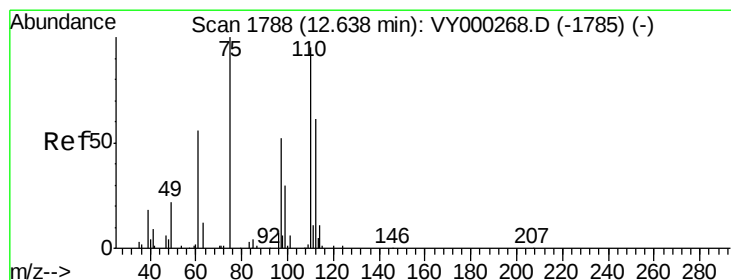
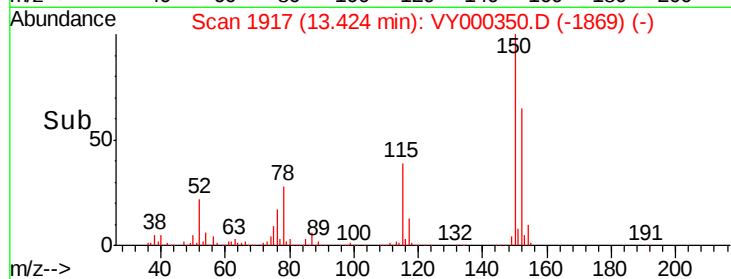
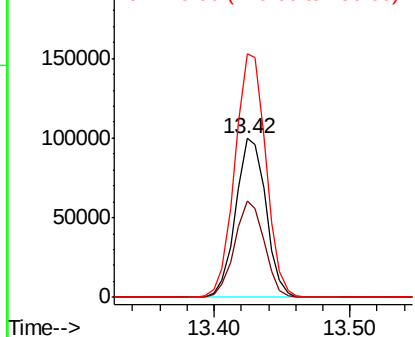
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	88.0
150	157.4	0.0	348.4



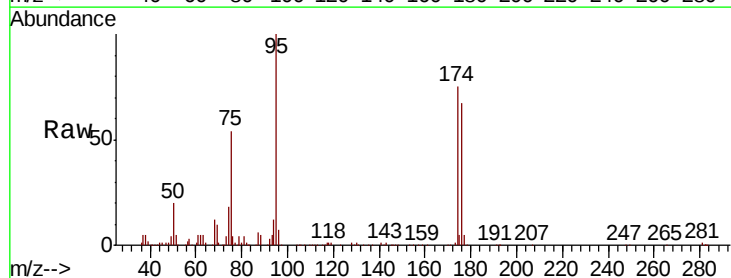
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



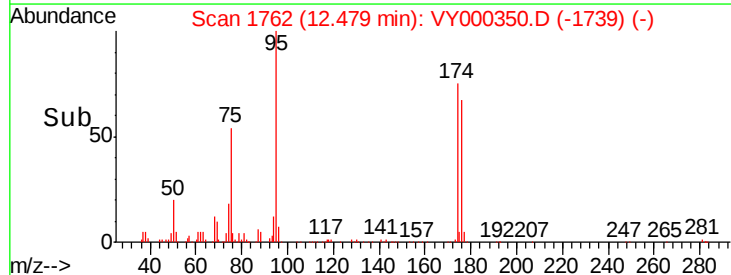
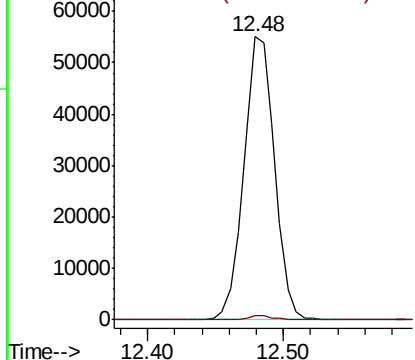
#76

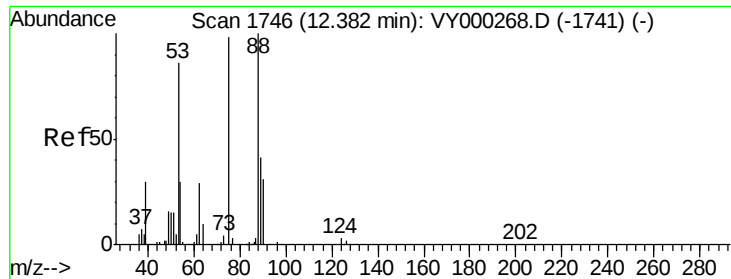
1,2,3-Trichloropropane
Concen: 45.845 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000350.D
Acq: 18 Oct 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 100.307 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000350.D

Acq: 18 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

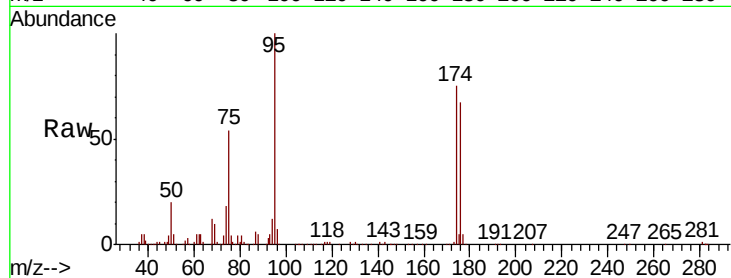
Tot Ion: 75 Resp: 86704

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#



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

