

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001044.D
 Acq On : 24 Dec 2019 13:48
 Operator : SY/MD
 Sample : K6413-01
 Misc : 7.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB1

Quant Time: Dec 25 01:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	428735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162464	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	121672	52.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.28%	
35) Dibromofluoromethane	7.73	113	123532	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
50) Toluene-d8	10.18	98	510727	51.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.48	95	162010	44.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.82%	

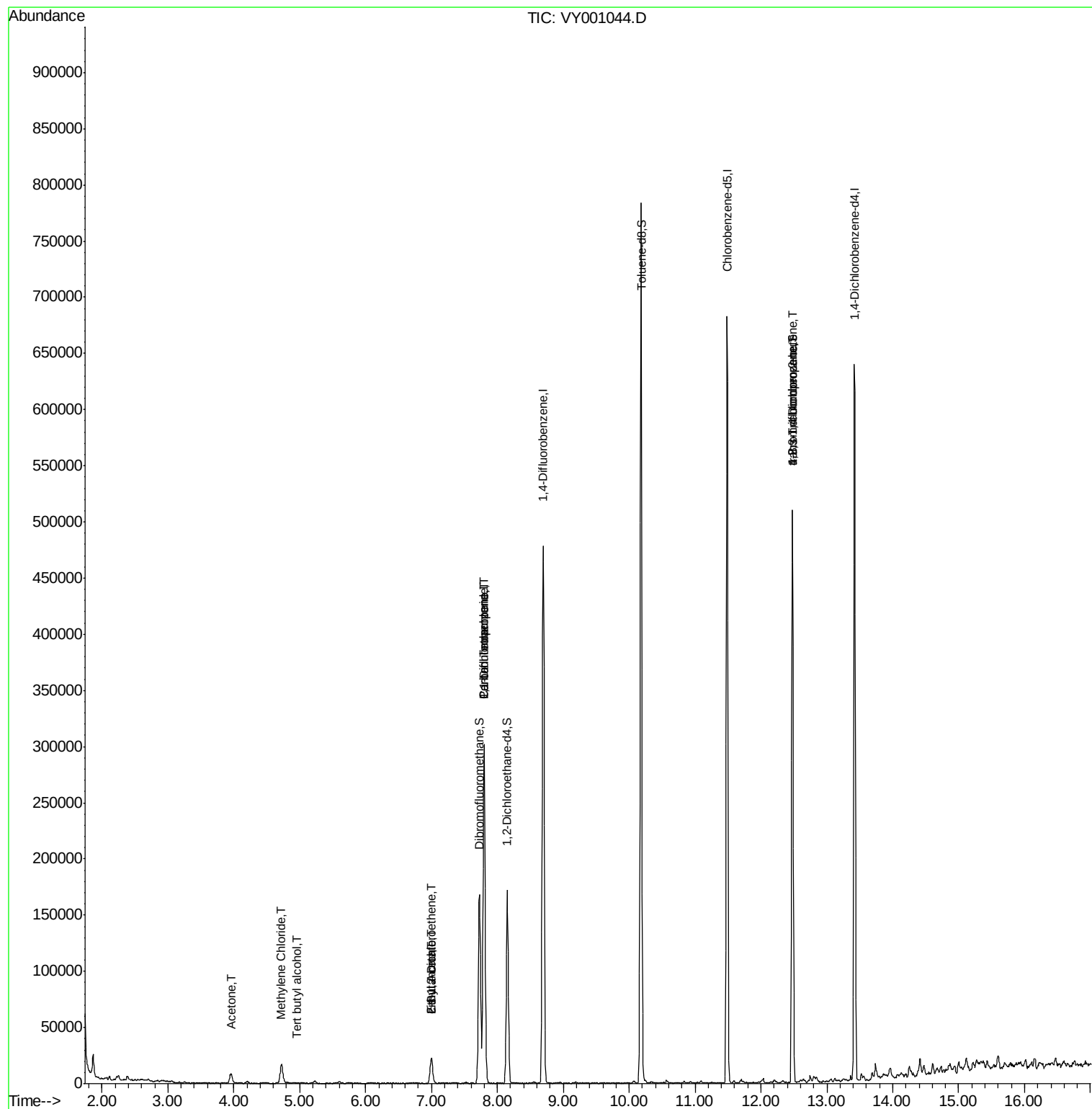
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	270	1.062	ug/l #	74
16) Acetone	3.96	43	15773	29.621	ug/l	94
20) Methylene Chloride	4.72	84	12711	4.056	ug/l #	90
25) 2-Butanone	7.00	43	4727	5.053	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	6728	2.099	ug/l	16
36) 1,1-Dichloropropene	7.80	75	18569	4.540	ug/l #	51
37) Ethyl Acetate	7.00	43	4727	2.087	ug/l #	1
38) Carbon Tetrachloride	7.80	117	23619	6.591	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	79867	39.877	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	79867	85.048	ug/l #	19

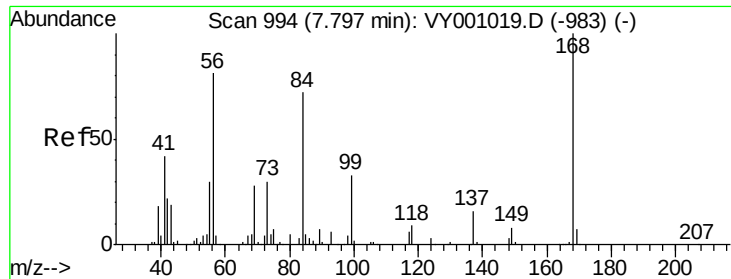
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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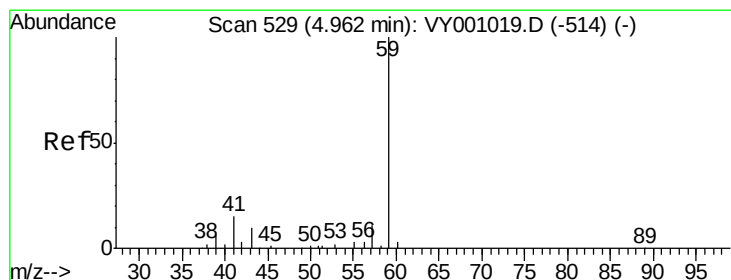
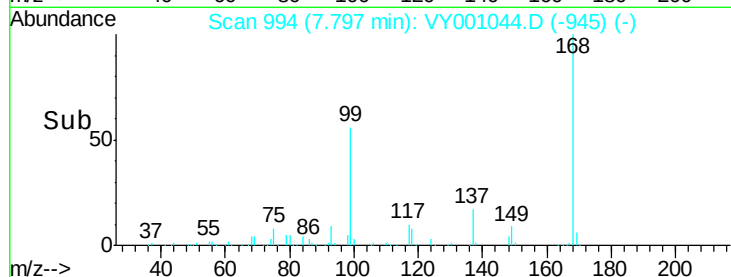
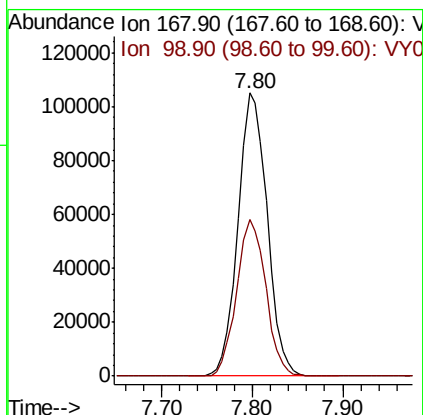
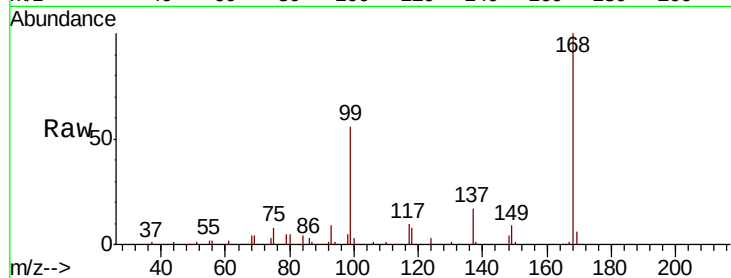




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

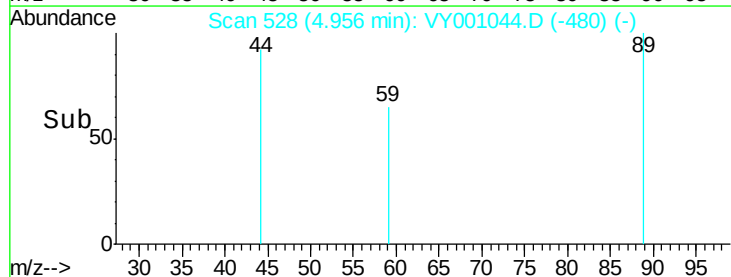
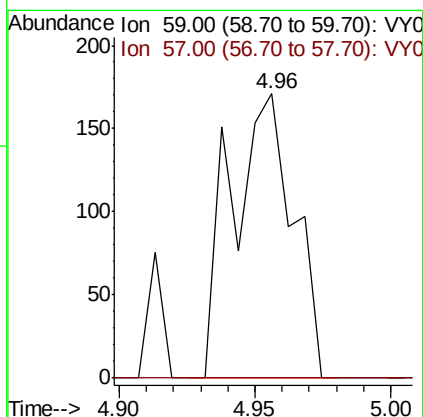
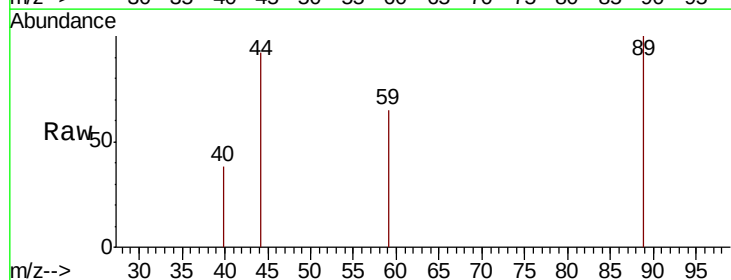
Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB1

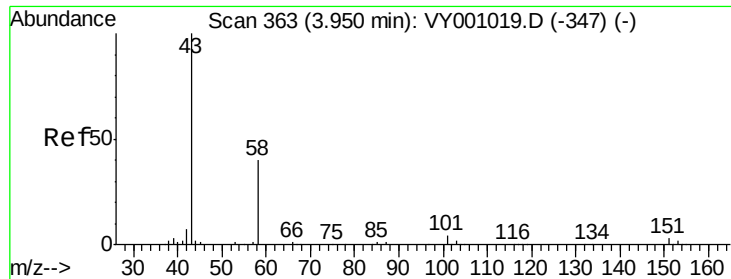
Tgt Ion:168 Resp: 234357
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#11
Tert butyl alcohol
Concen: 1.062 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 29.621 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001044.D

Acq: 24 Dec 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

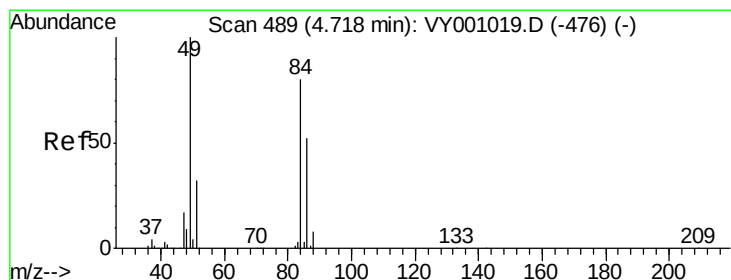
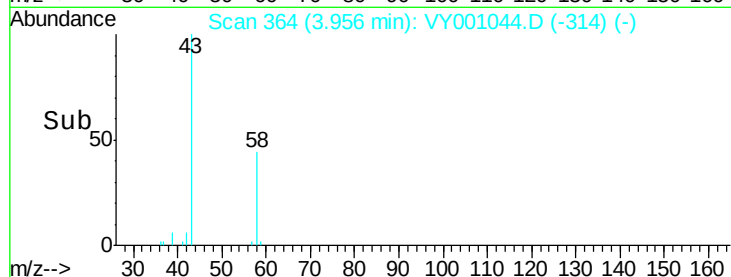
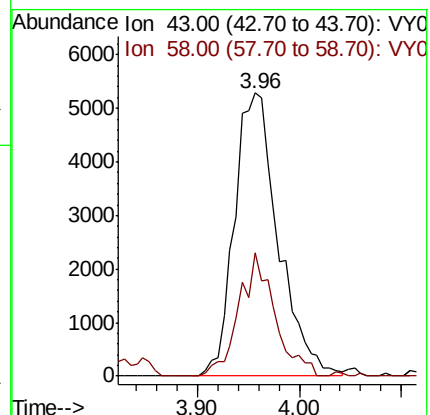
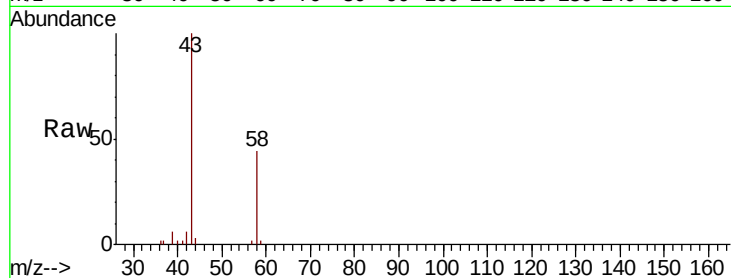
K005-AA-SB1

Tgt Ion: 43 Resp: 15773

Ion Ratio Lower Upper

43 100

58 43.5 32.1 48.1



#20

Methylene Chloride

Concen: 4.056 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY001044.D

Acq: 24 Dec 2019 13:48

Tgt Ion: 84 Resp: 12711

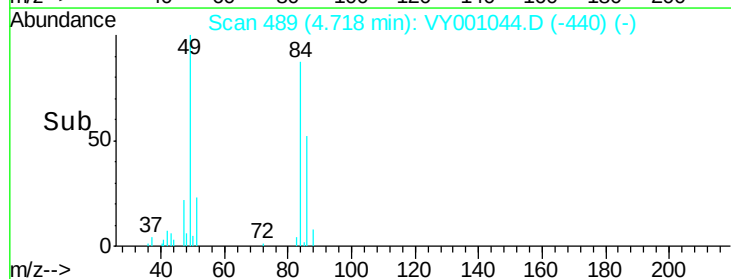
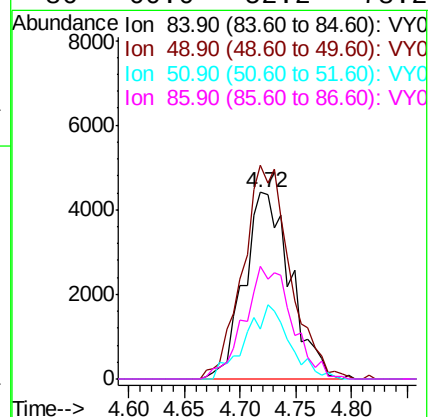
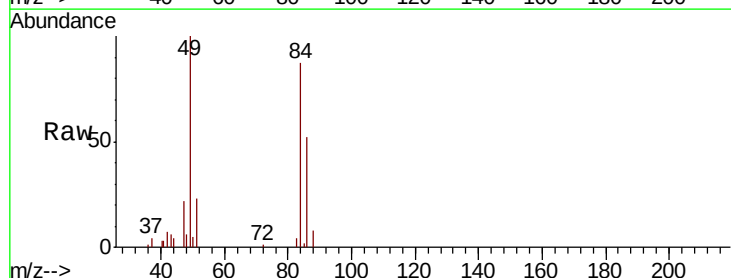
Ion Ratio Lower Upper

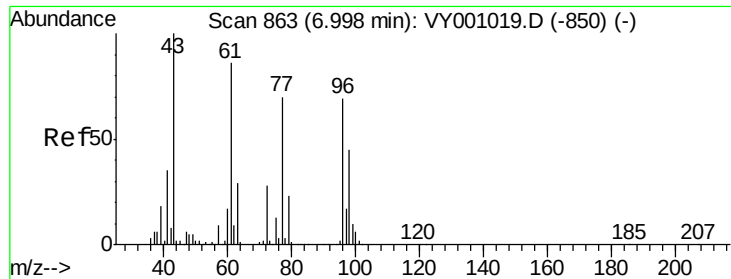
84 100

49 114.3 99.8 149.6

51 26.7 31.4 47.2#

86 60.0 52.2 78.2





#25

2-Butanone

Concen: 5.053 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001044.D

Acq: 24 Dec 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

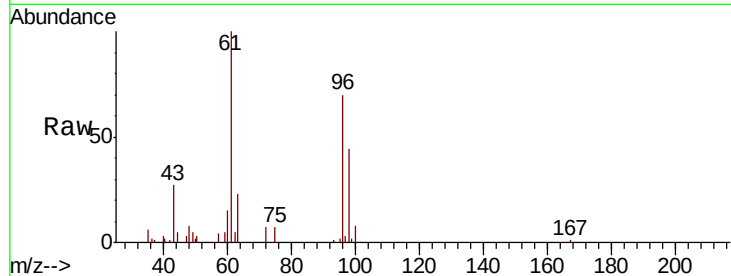
K005-AA-SB1

Tgt Ion: 43 Resp: 4727

Ion Ratio Lower Upper

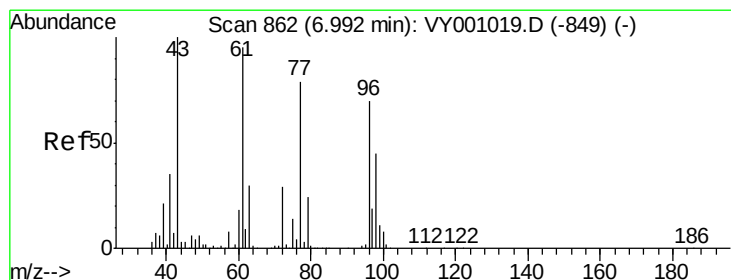
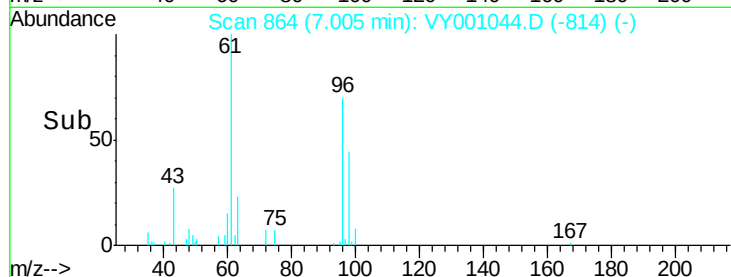
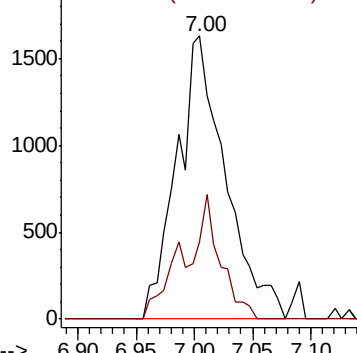
43 100

72 27.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#27

cis-1,2-Dichloroethene

Concen: 2.099 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001044.D

Acq: 24 Dec 2019 13:48

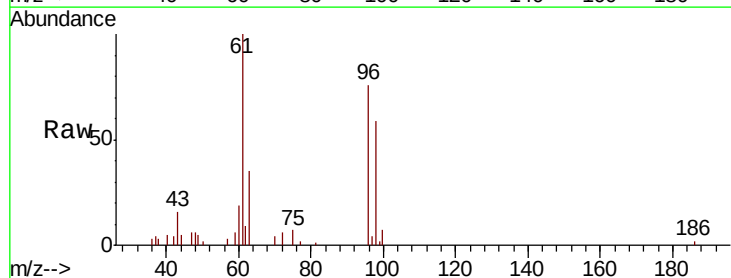
Tgt Ion: 96 Resp: 6728

Ion Ratio Lower Upper

96 100

61 239.5 0.0 268.2

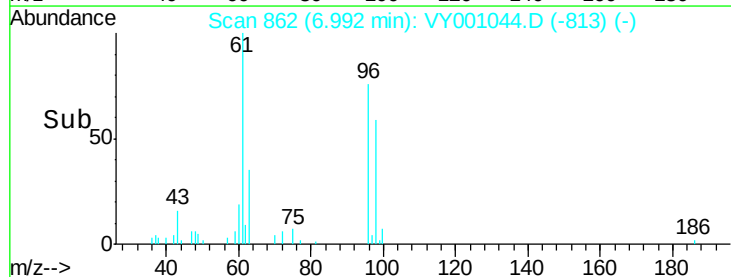
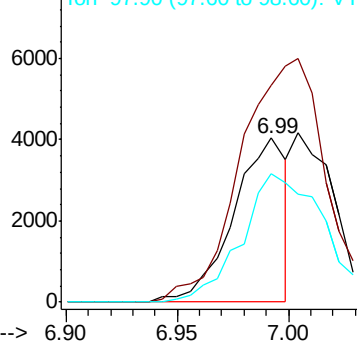
98 122.6 0.0 129.2

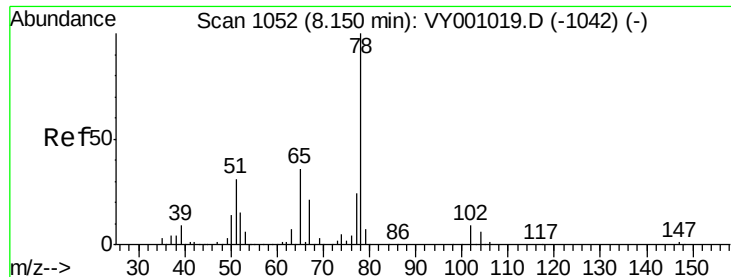


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

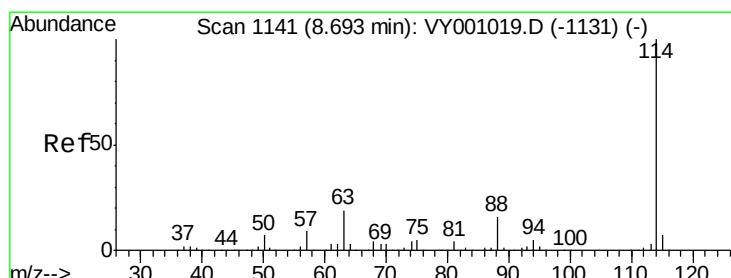
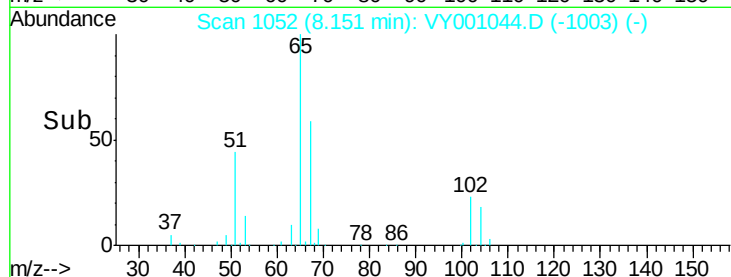
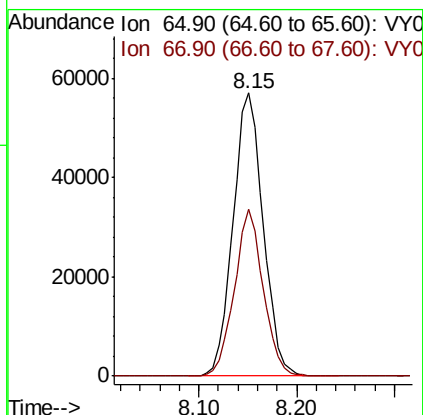
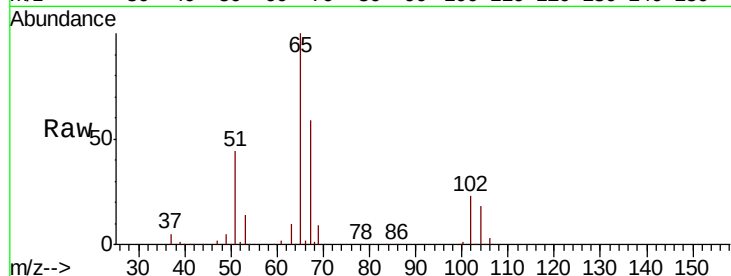




#33
 1,2-Dichloroethane-d4
 Concen: 52.640 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001044.D
 Acq: 24 Dec 2019 13:48

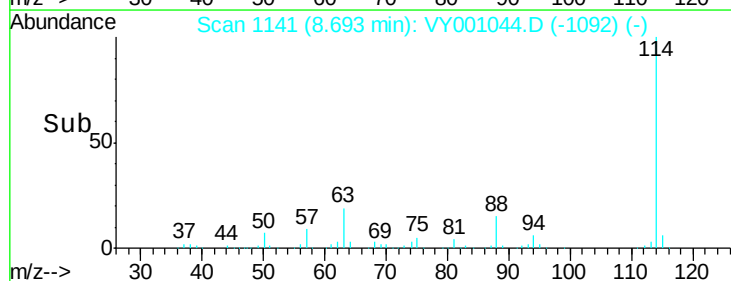
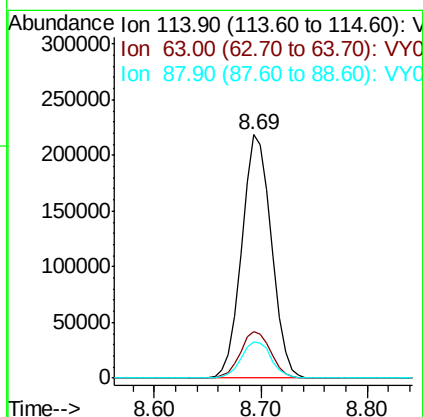
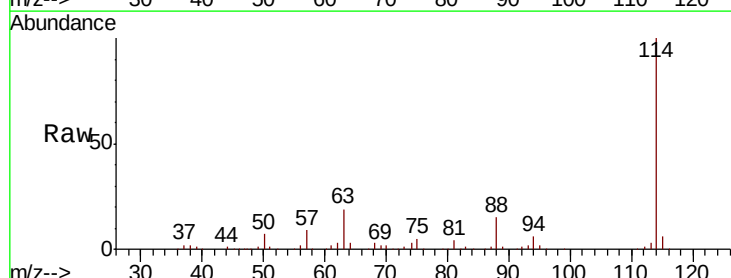
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB1

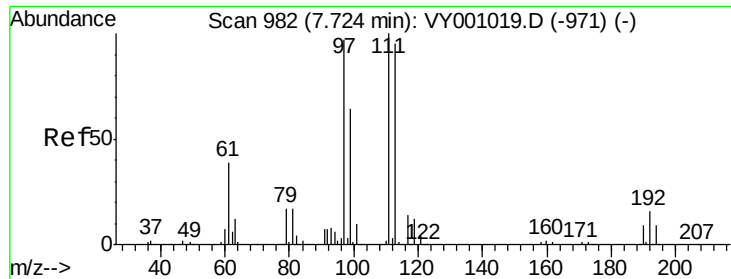
Tgt Ion: 65 Resp: 121672
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001044.D
 Acq: 24 Dec 2019 13:48

Tgt Ion: 114 Resp: 428735
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 15.1 0.0 32.0

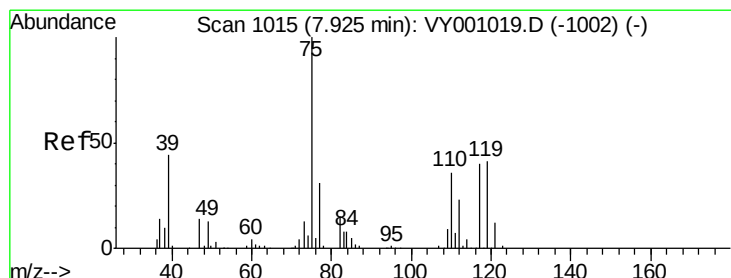
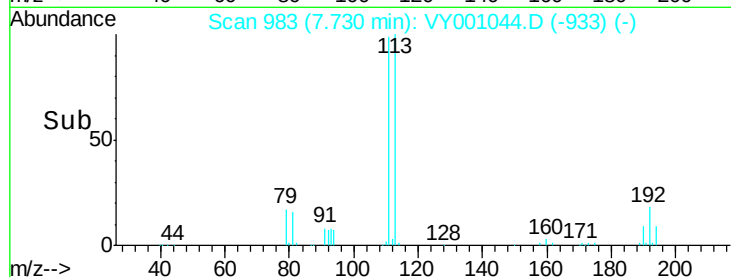
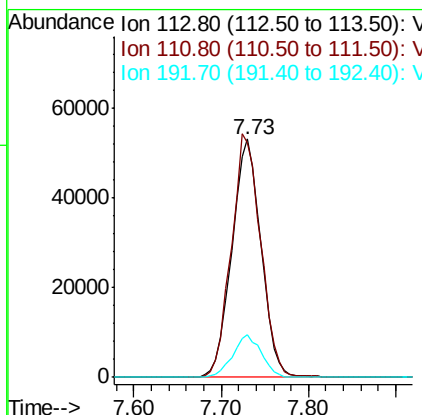
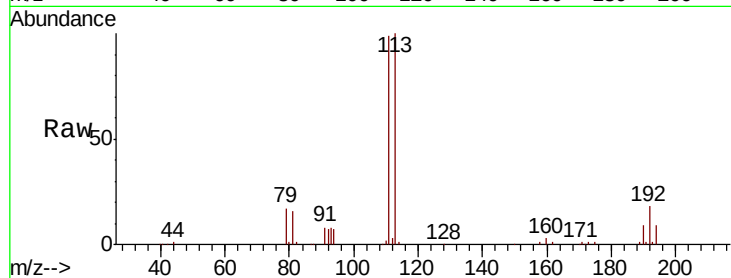




#35
 Dibromofluoromethane
 Concen: 48.931 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001044.D
 Acq: 24 Dec 2019 13:48

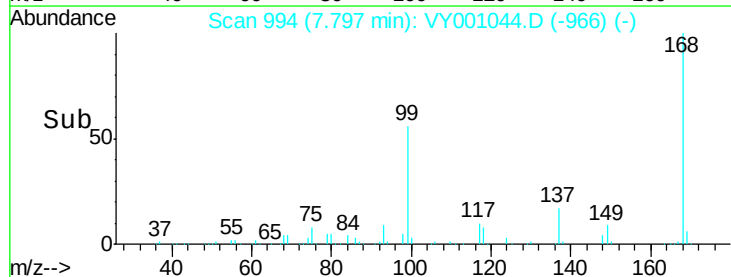
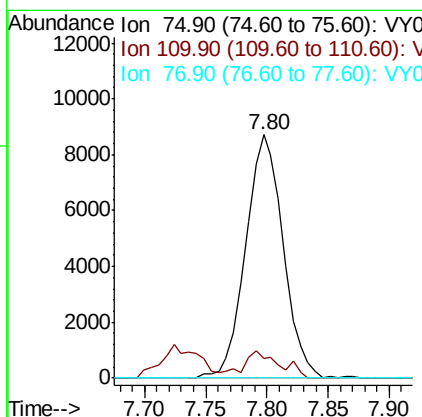
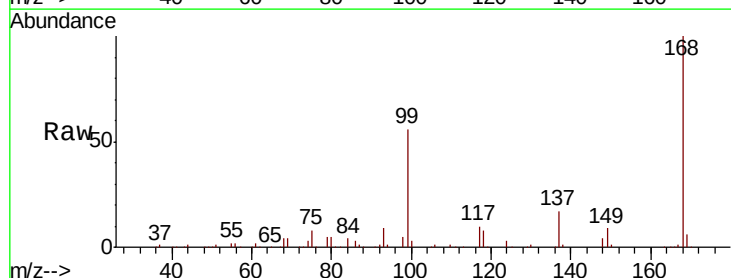
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB1

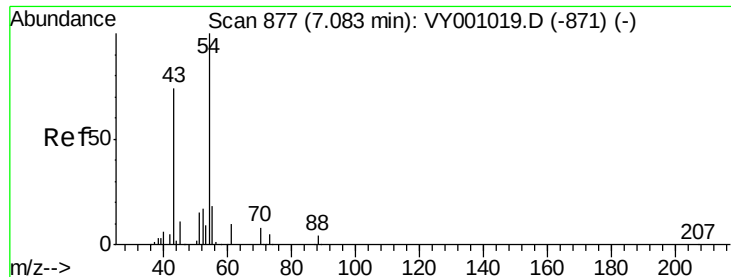
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	17.4	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 4.540 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001044.D
 Acq: 24 Dec 2019 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.4#
77	0.0	24.6	37.0#

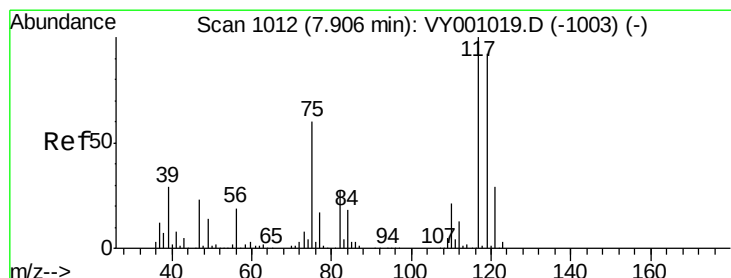
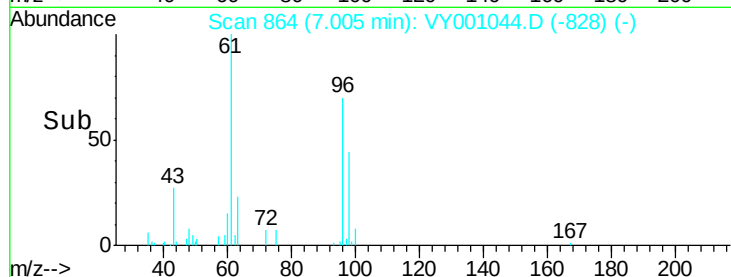
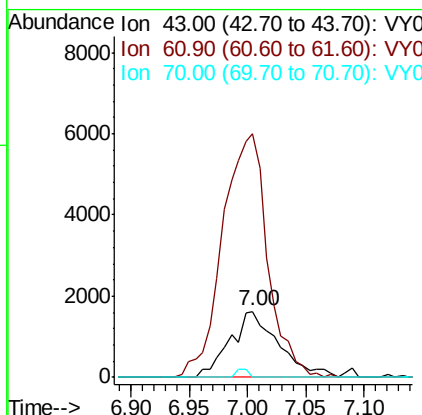
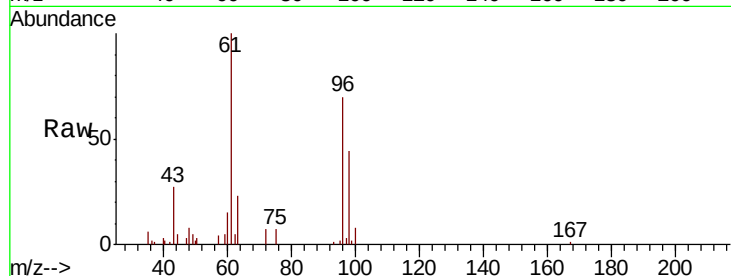




#37
Ethyl Acetate
Concen: 2.087 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.08 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

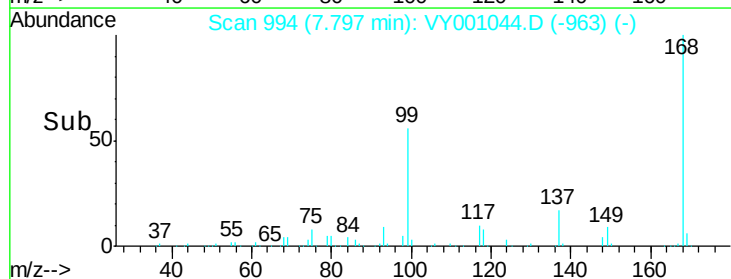
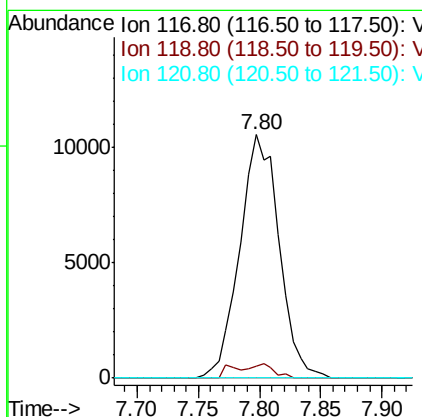
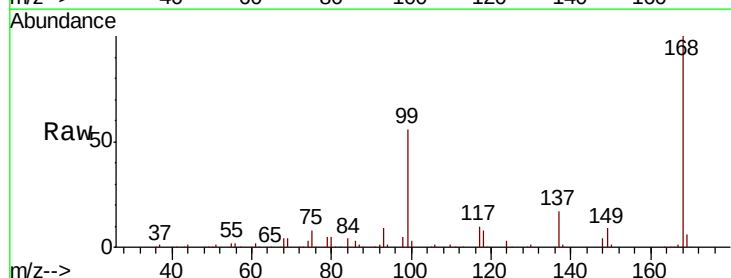
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MSVOA_Y
ClientSampled :
K005-AA-SB1

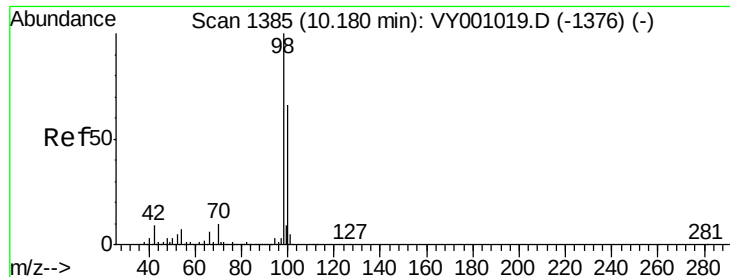
Tgt Ion: 43 Resp: 4727
Ion Ratio Lower Upper
43 100
61 340.9 12.5 18.7#
70 3.0 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

Tgt Ion: 117 Resp: 23619
Ion Ratio Lower Upper
117 100
119 4.8 74.2 111.2#
121 0.0 22.9 34.3#

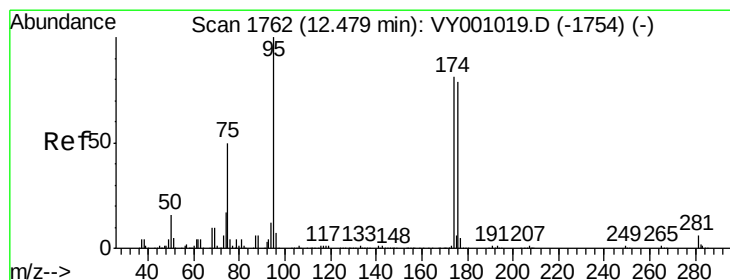
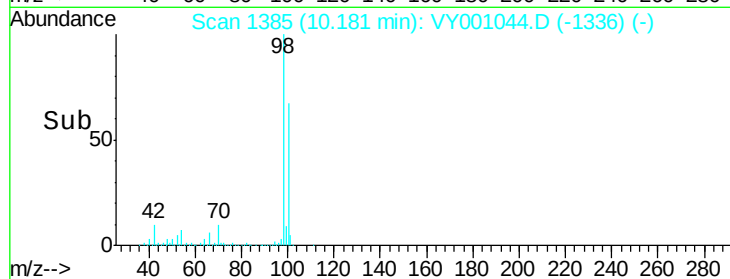
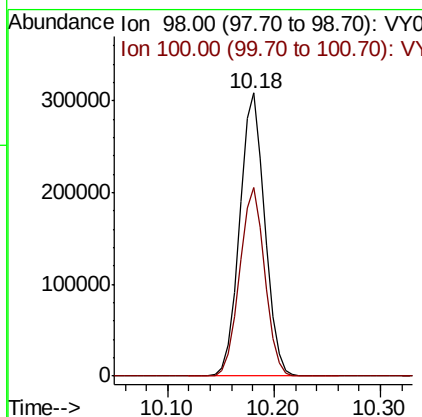
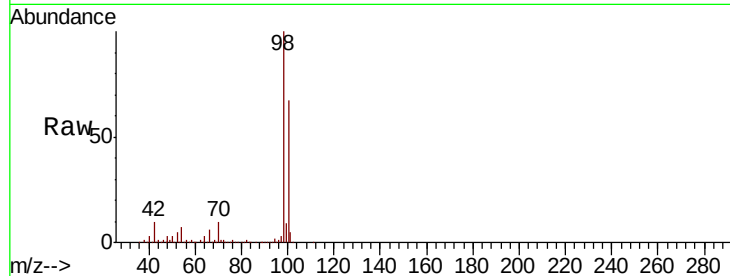




#50
Toluene-d8
Concen: 51.765 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

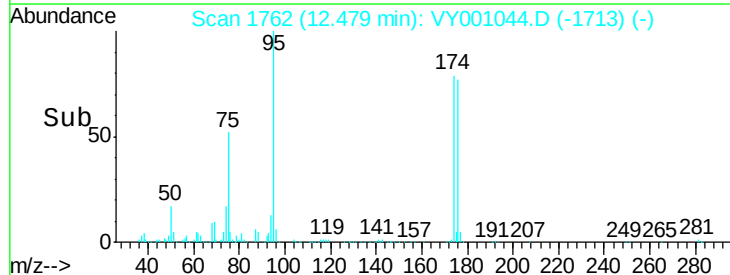
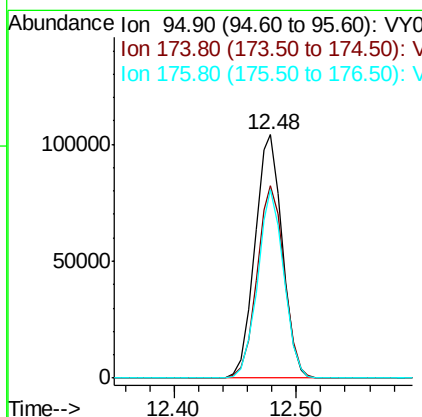
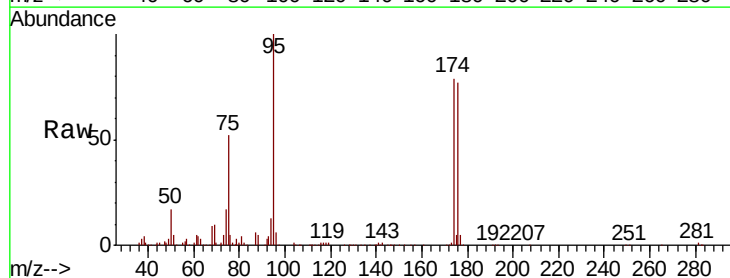
Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB1

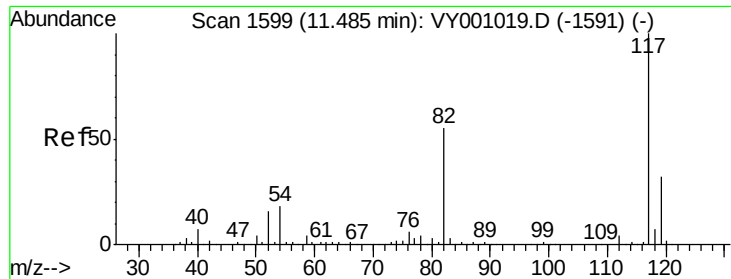
Tgt Ion: 98 Resp: 510727
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.912 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

Tgt Ion: 95 Resp: 162010
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.4
176 74.0 0.0 155.0

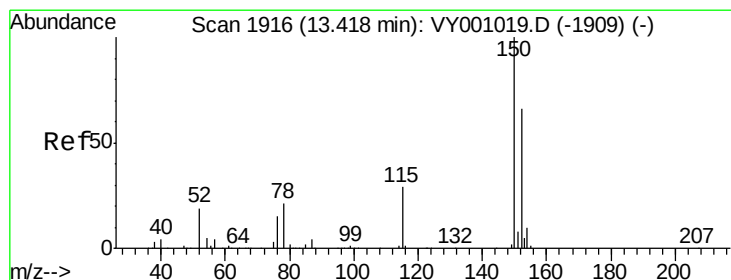
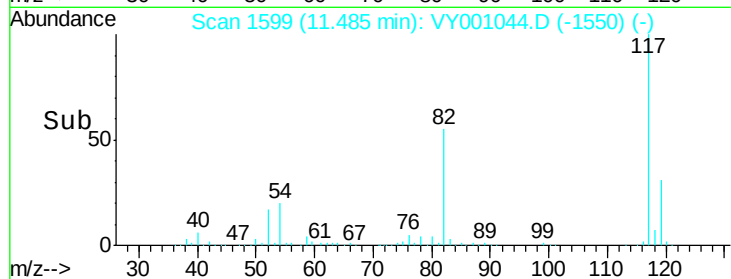
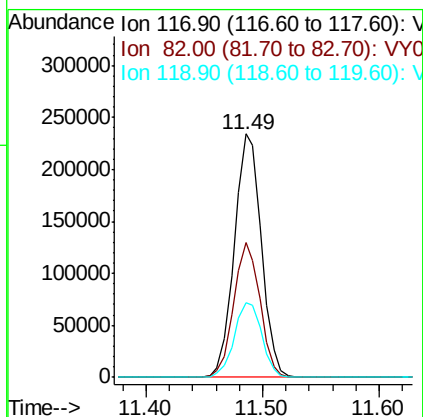
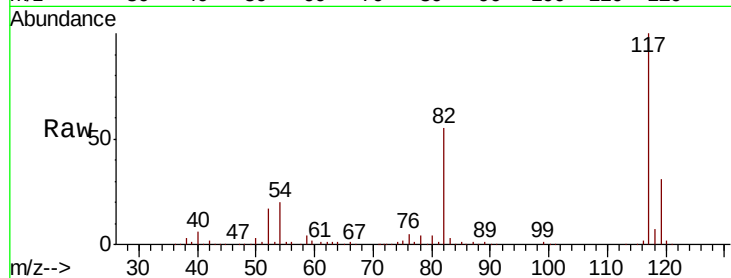




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

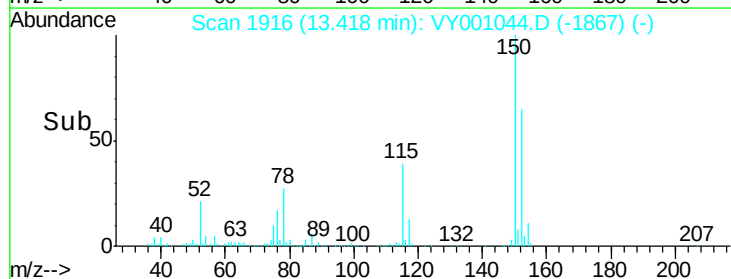
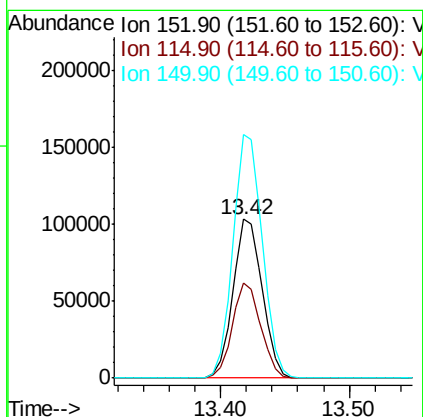
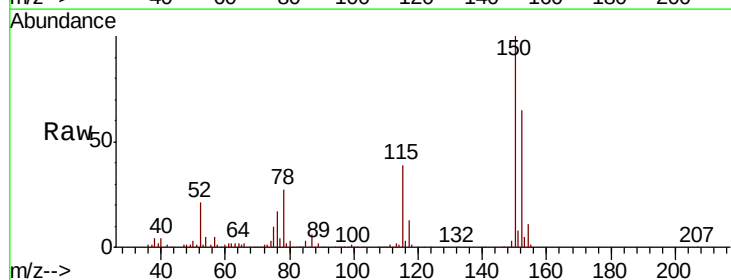
Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB1

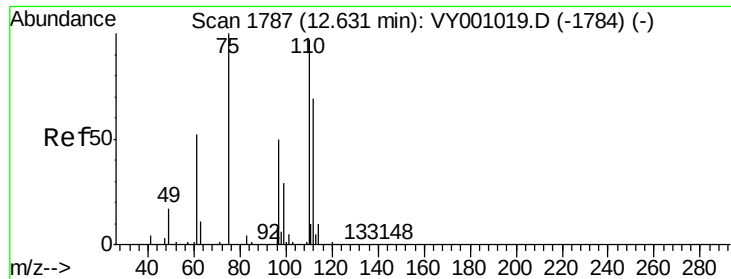
Tgt Ion:117 Resp: 377180
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 30.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001044.D
Acq: 24 Dec 2019 13:48

Tgt Ion:152 Resp: 162464
Ion Ratio Lower Upper
152 100
115 58.0 29.8 89.3
150 153.5 0.0 352.6

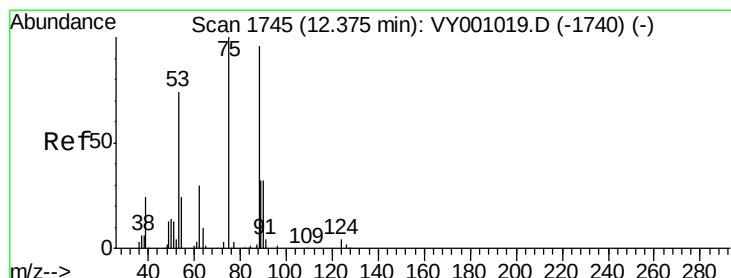
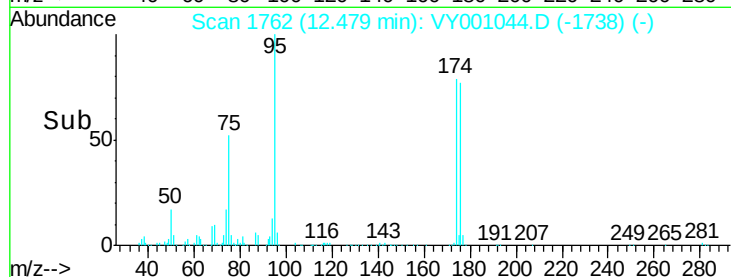
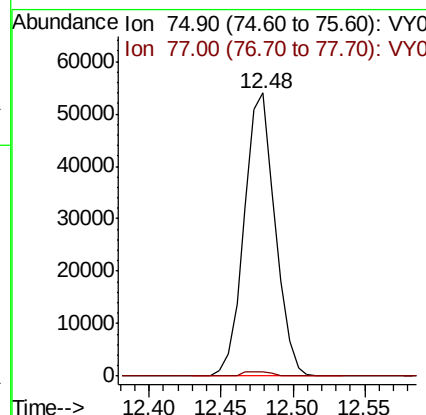
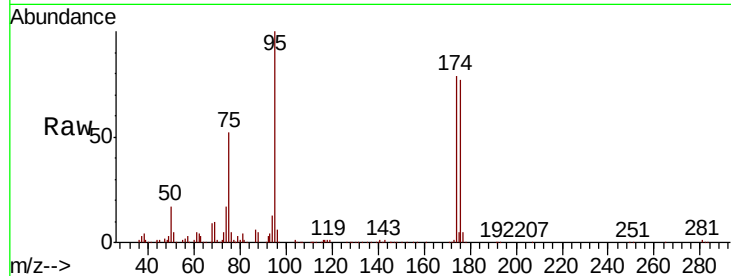




#76
 1,2,3-Trichloropropane
 Concen: 39.877 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY001044.D
 Acq: 24 Dec 2019 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB1

Tgt Ion: 75 Resp: 79867
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.048 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY001044.D
 Acq: 24 Dec 2019 13:48

Tgt Ion: 75 Resp: 79867
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.2 35.4 53.0#

