

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001047.D
 Acq On : 24 Dec 2019 14:54
 Operator : SY/MD
 Sample : K6413-04
 Misc : 6.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB4

Quant Time: Dec 25 01:38:19 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

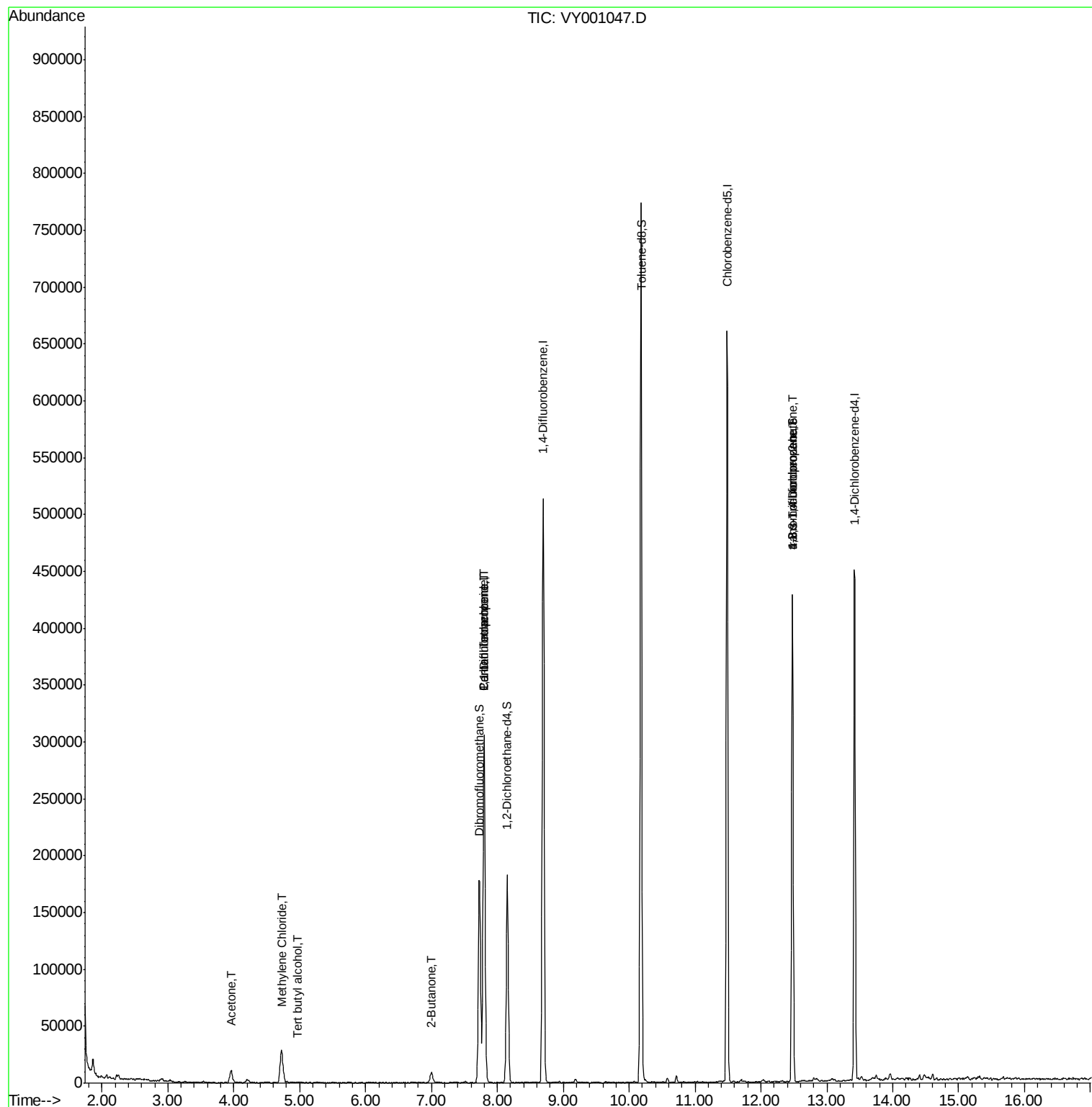
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	452390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	113580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130365	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
35) Dibromofluoromethane	7.72	113	132642	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.18	98	522581	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.48	95	137001	35.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	310	1.177	ug/l #	74
16) Acetone	3.96	43	18200	32.994	ug/l	90
20) Methylene Chloride	4.73	84	23226	7.154	ug/l	89
25) 2-Butanone	7.00	43	6534	6.743	ug/l #	80
36) 1,1-Dichloropropene	7.80	75	18844	4.366	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24485	6.475	ug/l #	17
76) 1,2,3-Trichloropropane	12.47	75	66614	47.574	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	66614	101.465	ug/l #	19

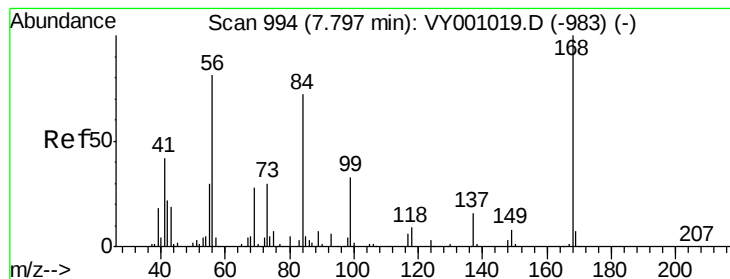
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001047.D

Acq: 24 Dec 2019 14:54

Instrument :

MSVOA_Y

ClientSampleId :

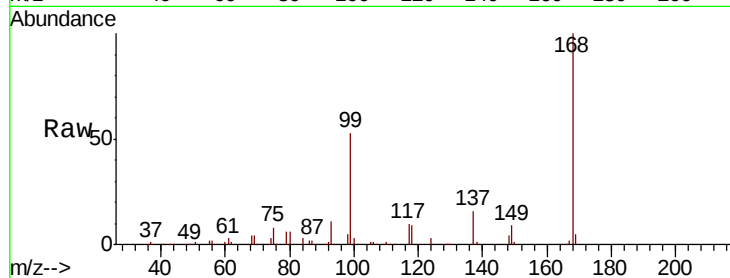
K005-AA-SB4

Tgt Ion:168 Resp: 242773

Ion Ratio Lower Upper

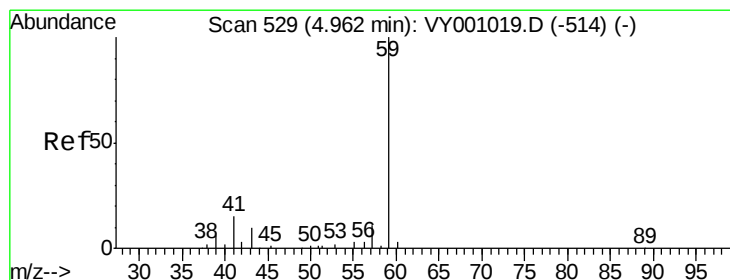
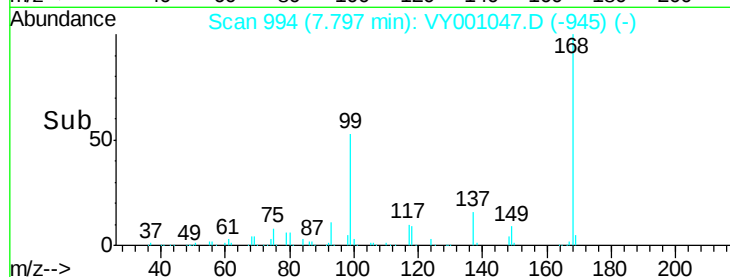
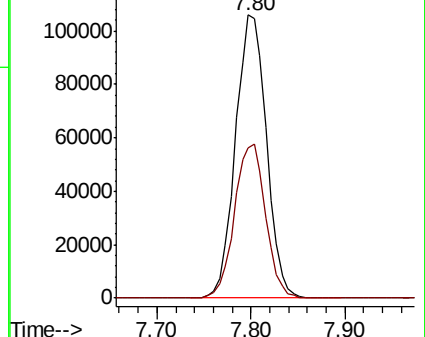
168 100

99 53.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)



#11

Tert butyl alcohol

Concen: 1.177 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY001047.D

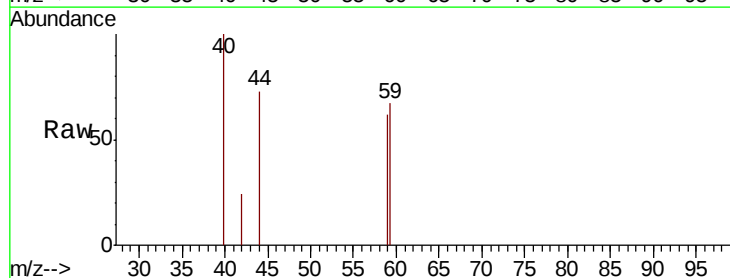
Acq: 24 Dec 2019 14:54

Tgt Ion: 59 Resp: 310

Ion Ratio Lower Upper

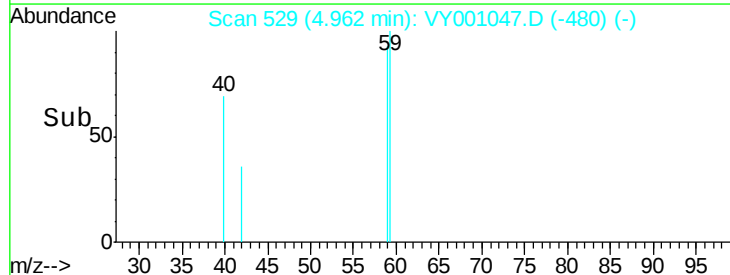
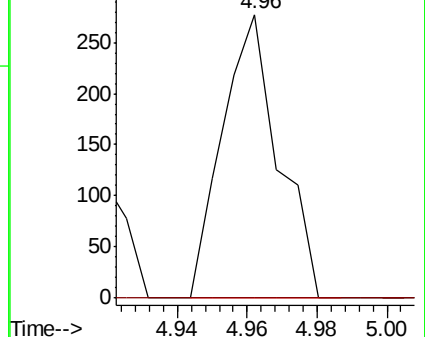
59 100

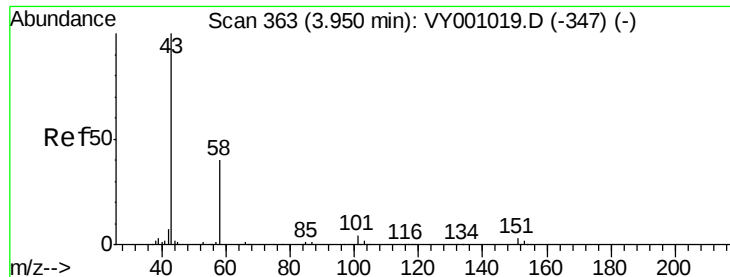
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001019.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY001019.D (-514) (-)





#16

Acetone

Concen: 32.994 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001047.D

Acq: 24 Dec 2019 14:54

Instrument :

MSVOA_Y

ClientSampleId :

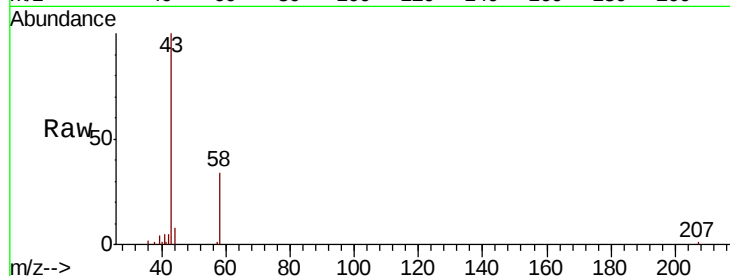
K005-AA-SB4

Tgt Ion: 43 Resp: 18200

Ion Ratio Lower Upper

43 100

58 34.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

8000

6000

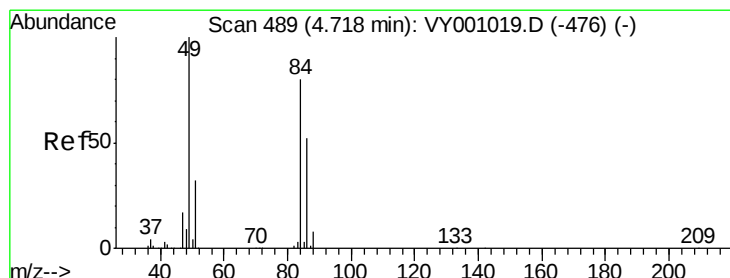
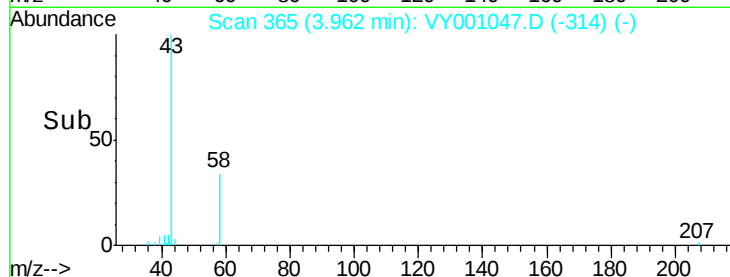
4000

2000

0

Time-->

3.90 3.96 4.00



#20

Methylene Chloride

Concen: 7.154 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY001047.D

Acq: 24 Dec 2019 14:54

Tgt Ion: 84 Resp: 23226

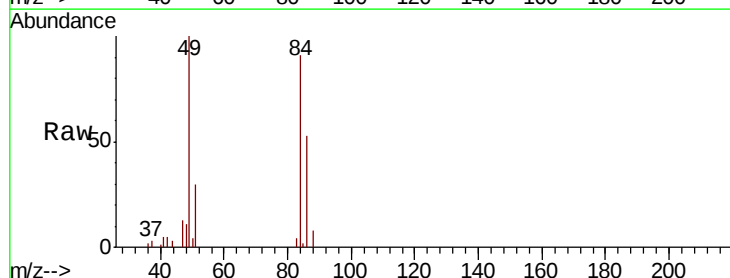
Ion Ratio Lower Upper

84 100

49 109.9 99.8 149.6

51 33.1 31.4 47.2

86 57.7 52.2 78.2



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

12000

10000

8000

6000

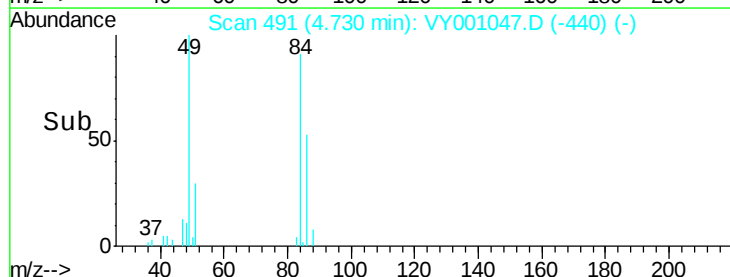
4000

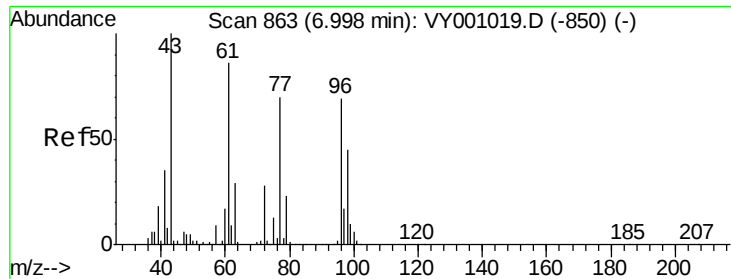
2000

0

Time-->

4.60 4.70 4.73 4.80

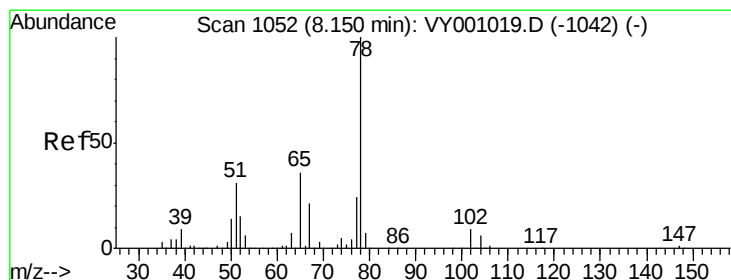
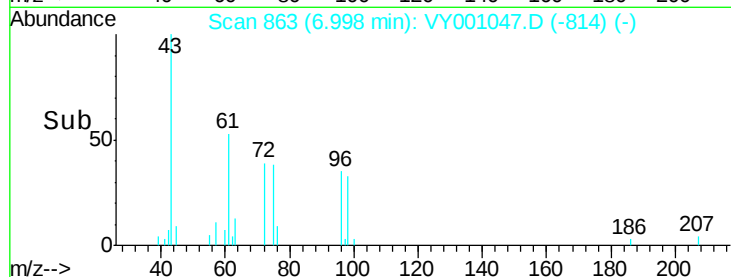
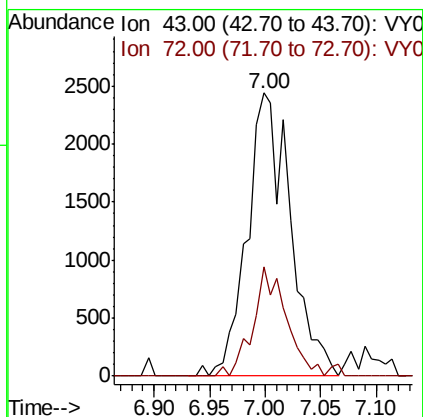
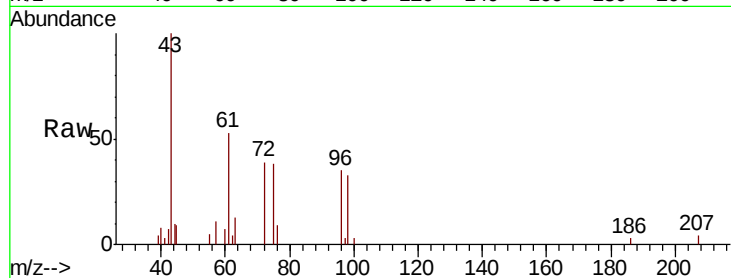




#25
 2-Butanone
 Concen: 6.743 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

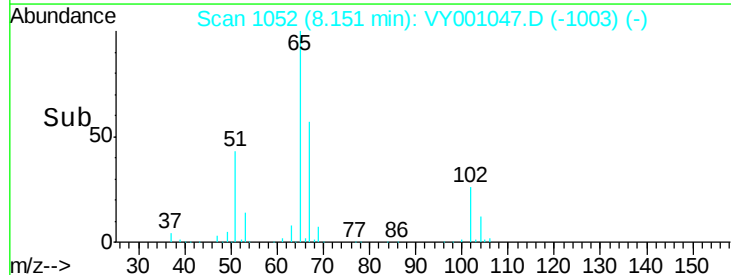
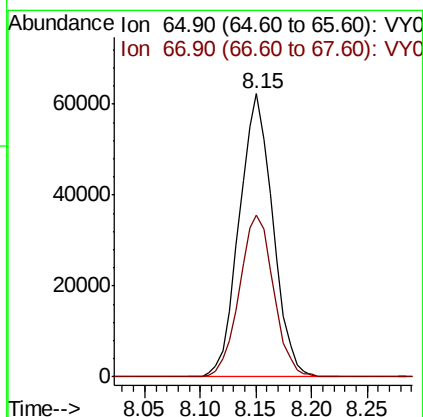
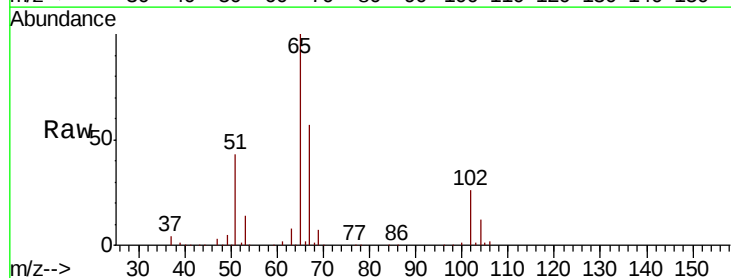
Instrument :
 MSVOA_Y
 ClientSampled :
 K005-AA-SB4

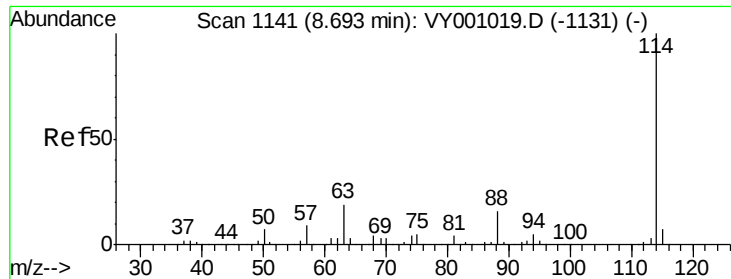
Tgt Ion: 43 Resp: 6534
 Ion Ratio Lower Upper
 43 100
 72 38.5 22.4 33.6#



#33
 1,2-Dichloroethane-d4
 Concen: 54.446 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

Tgt Ion: 65 Resp: 130365
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 112.8

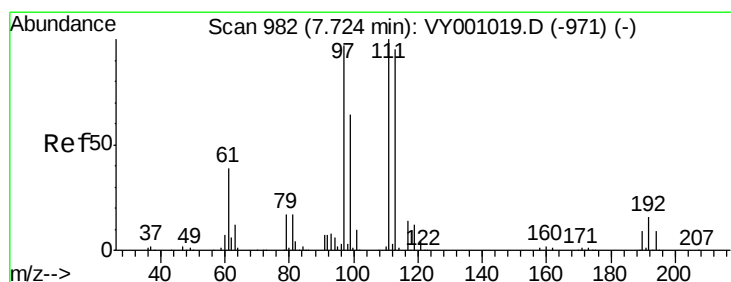
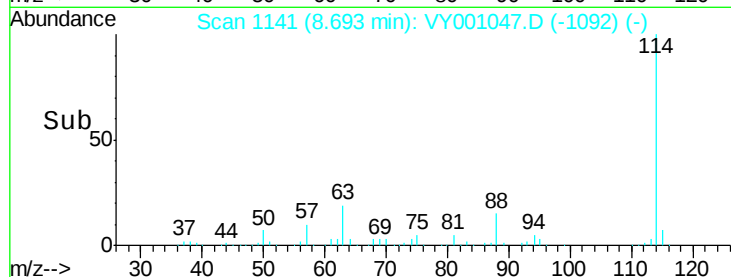
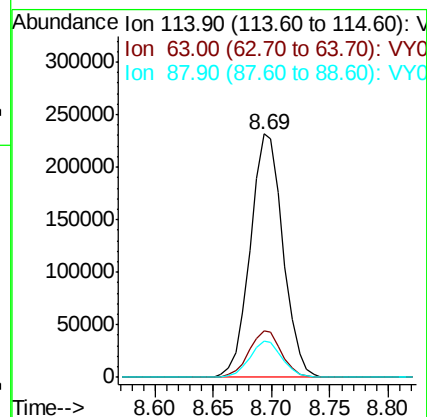
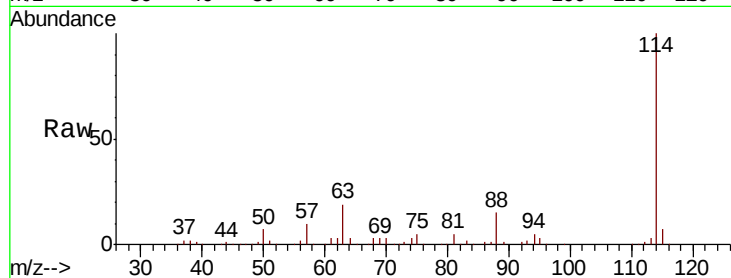




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

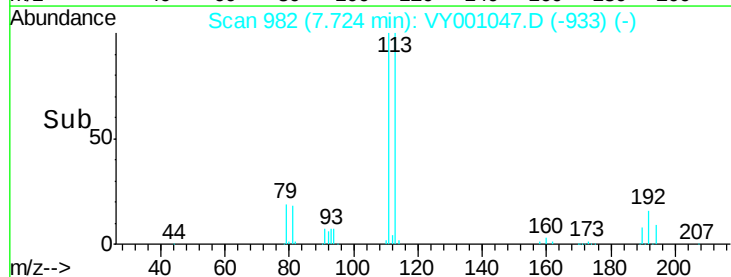
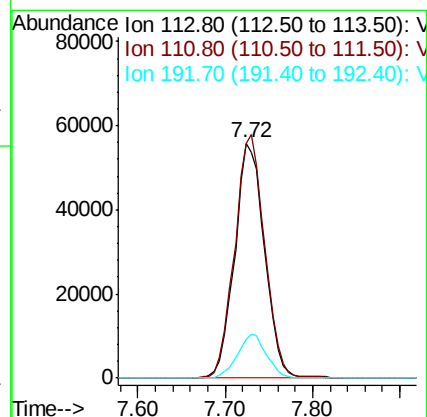
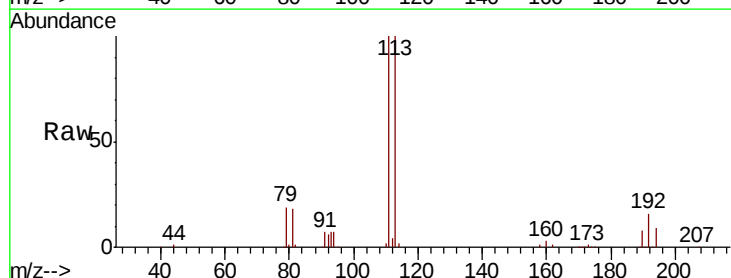
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB4

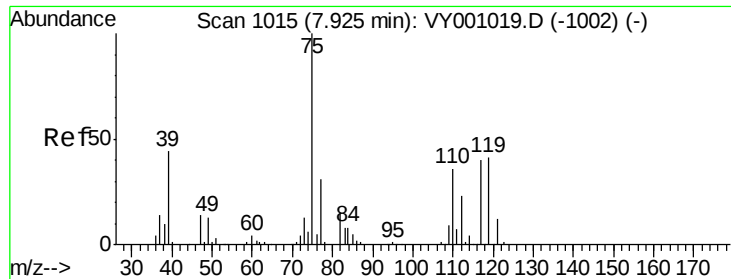
Tgt Ion:114 Resp: 452390
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 14.7 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.792 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

Tgt Ion:113 Resp: 132642
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.0 124.4
 192 18.2 14.6 21.8

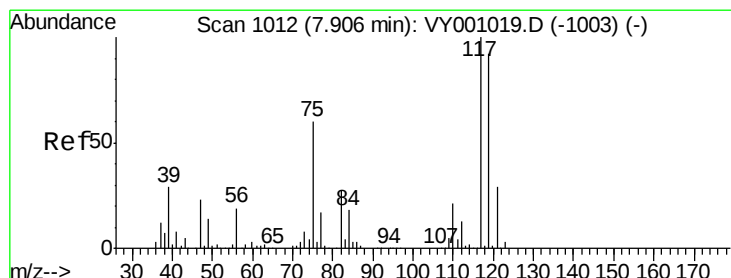
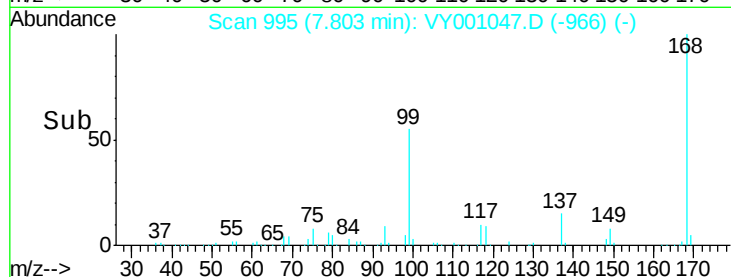
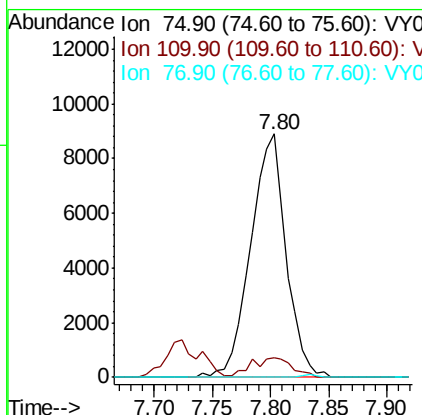
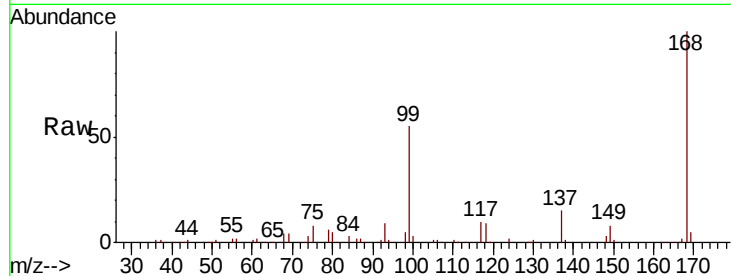




#36
 1,1-Dichloropropene
 Concen: 4.366 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

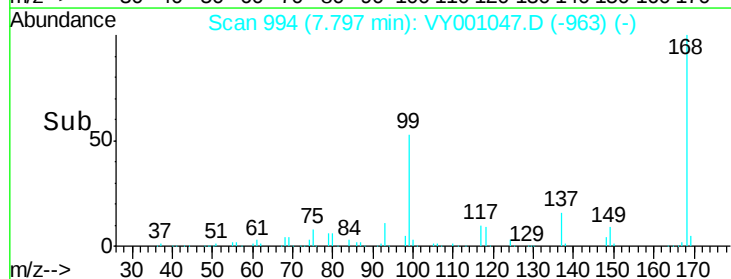
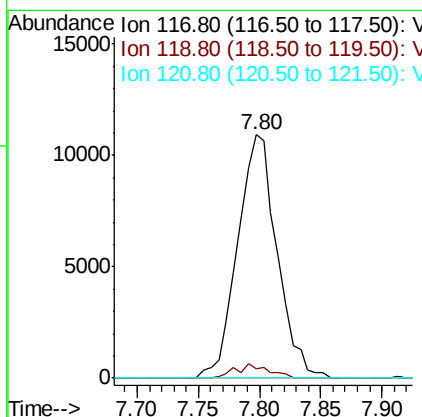
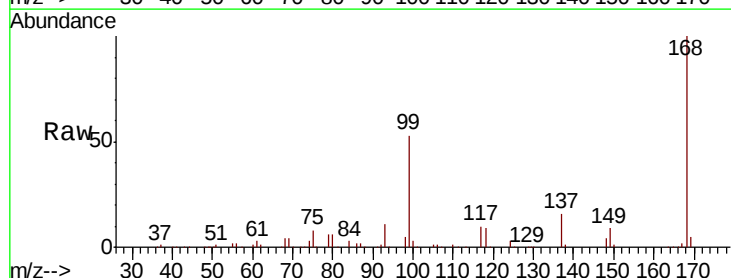
Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB4

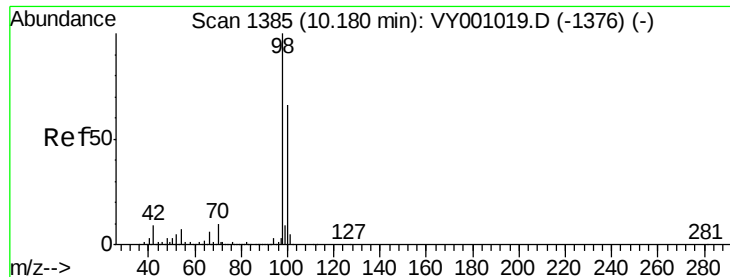
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.475 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.2	111.2#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 50.197 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001047.D

Acq: 24 Dec 2019 14:54

Instrument :

MSVOA_Y

ClientSampleId :

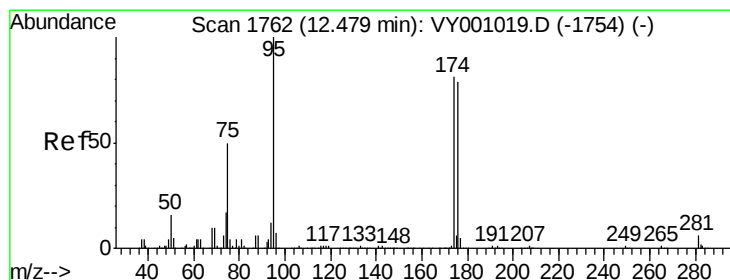
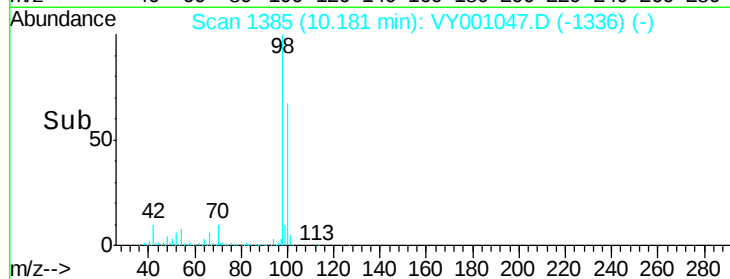
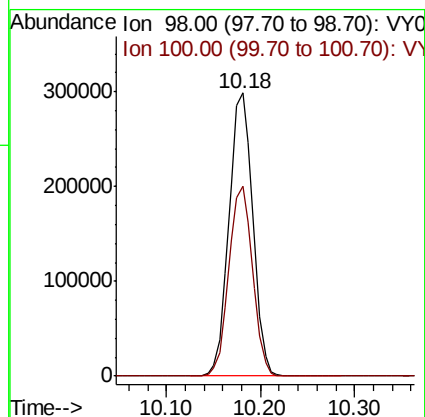
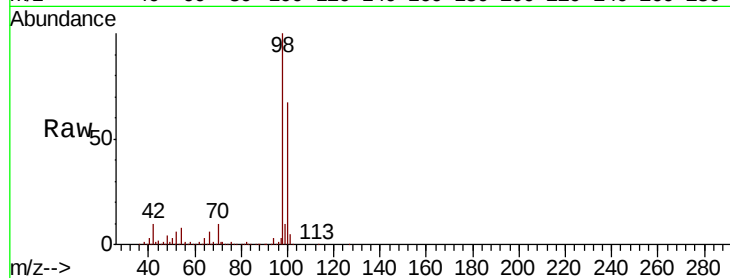
K005-AA-SB4

Tgt Ion: 98 Resp: 522581

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 35.993 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001047.D

Acq: 24 Dec 2019 14:54

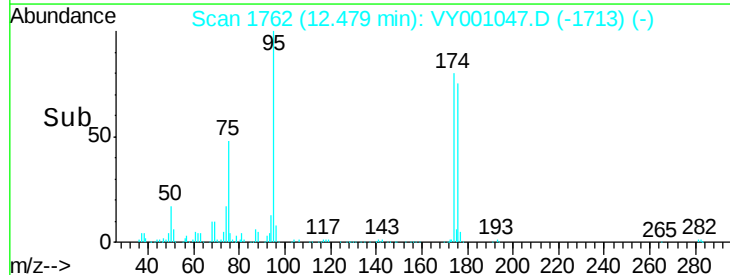
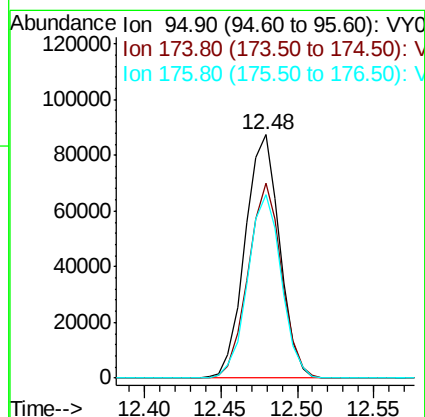
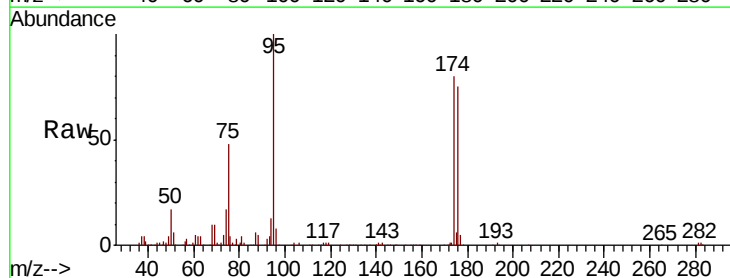
Tgt Ion: 95 Resp: 137001

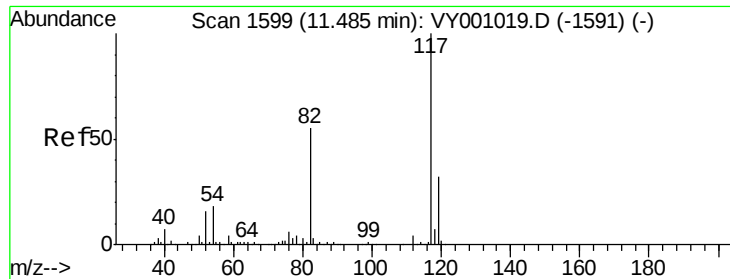
Ion Ratio Lower Upper

95 100

174 77.7 0.0 156.4

176 73.5 0.0 155.0

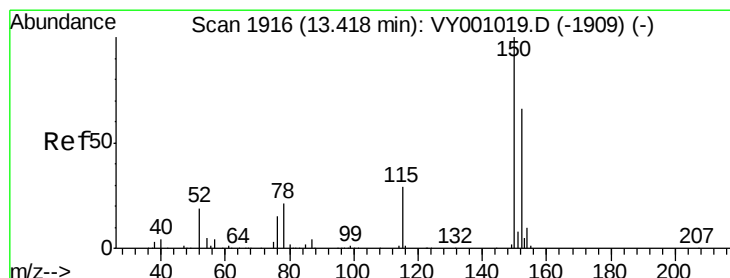
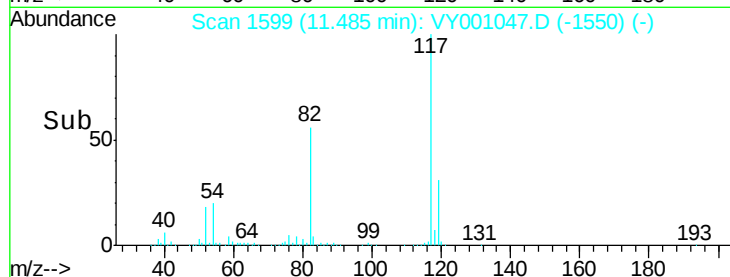
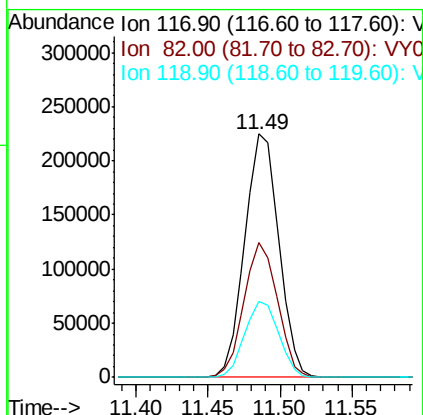
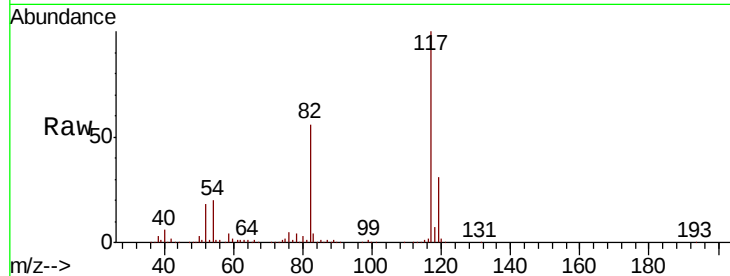




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001047.D
Acq: 24 Dec 2019 14:54

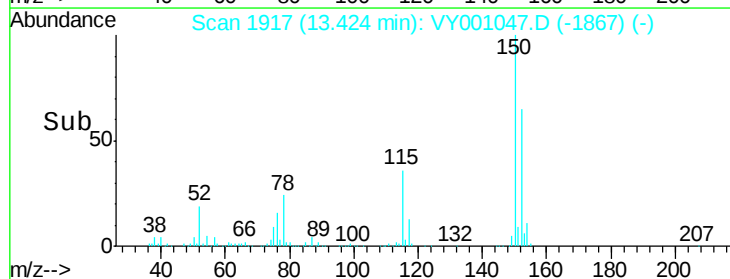
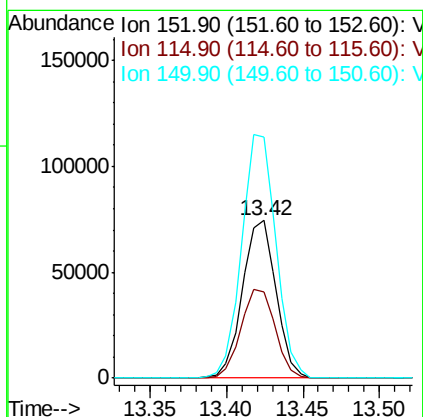
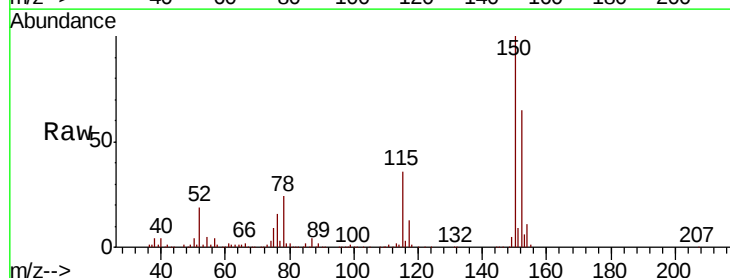
Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB4

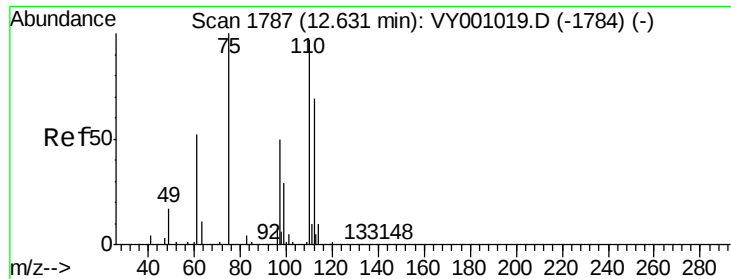
Tgt Ion:117 Resp: 368776
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001047.D
Acq: 24 Dec 2019 14:54

Tgt Ion:152 Resp: 113580
Ion Ratio Lower Upper
152 100
115 57.4 29.8 89.3
150 157.7 0.0 352.6

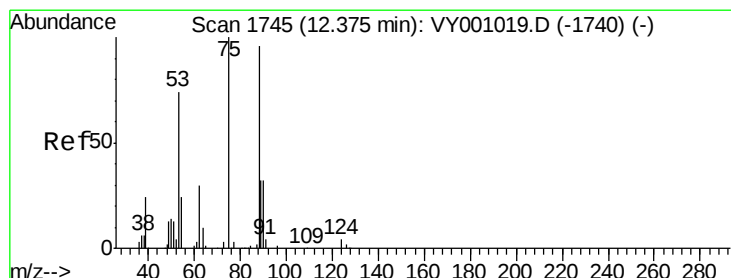
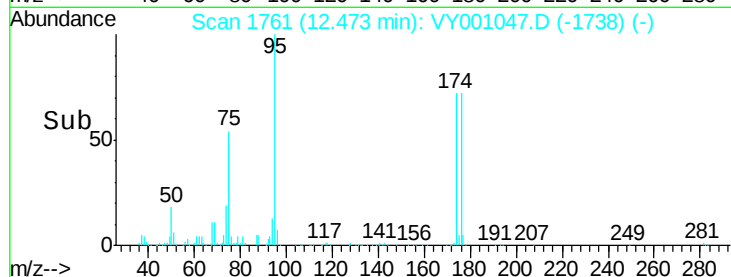
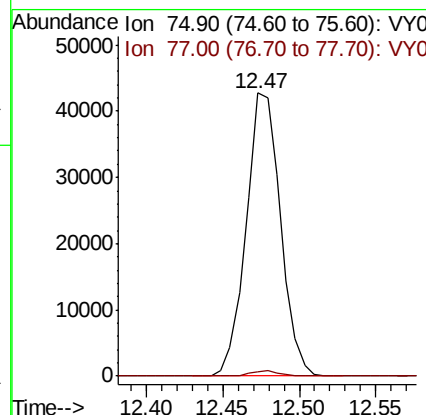
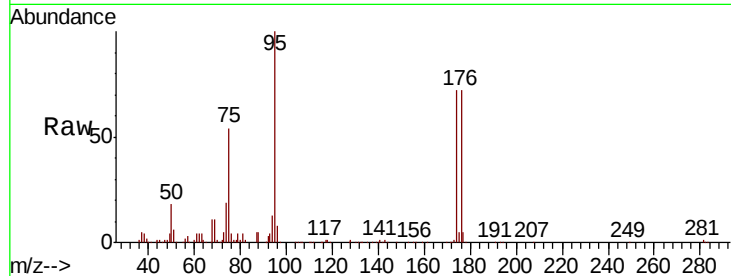




#76
 1,2,3-Trichloropropane
 Concen: 47.574 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.16 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB4

Tgt Ion: 75 Resp: 66614
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.465 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. 0.10 min
 Lab File: VY001047.D
 Acq: 24 Dec 2019 14:54

Tgt Ion: 75 Resp: 66614
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.0 35.4 53.0#

