

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001114.D
 Acq On : 27 Dec 2019 21:14
 Operator : SY/MD
 Sample : K6441-01
 Misc : 6.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K321-SB-01

Quant Time: Dec 28 04:07:30 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

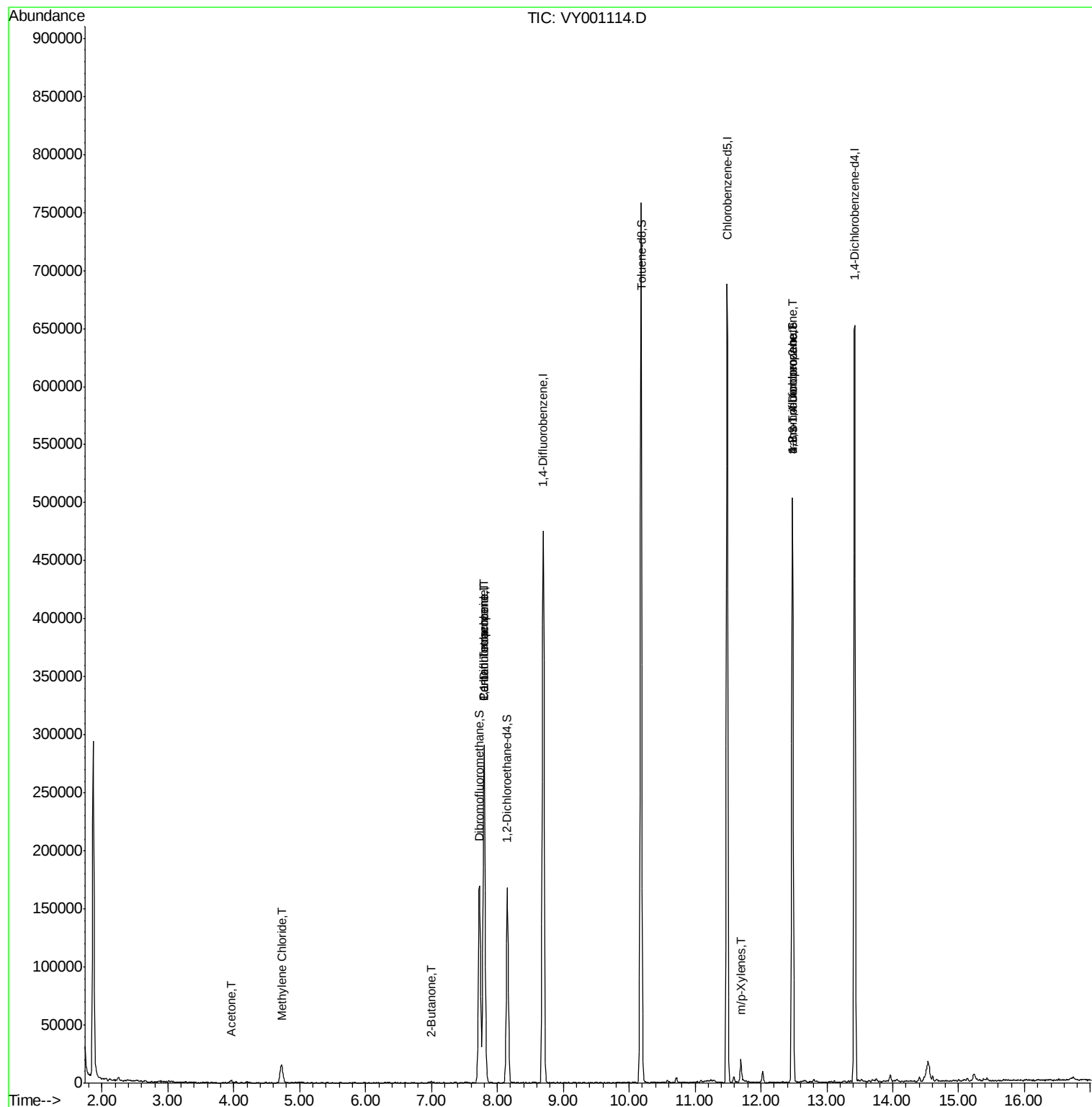
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	434592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120263	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	7.73	113	121096	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.18	98	506480	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	161563	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	3455	6.457	ug/l	97
20) Methylene Chloride	4.73	84	12539	3.981	ug/l #	84
25) 2-Butanone	7.00	43	1078	1.147	ug/l	97
36) 1,1-Dichloropropene	7.80	75	17362	4.188	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22456	6.182	ug/l #	16
68) m/p-Xylenes	11.69	106	5818	1.047	ug/l	90
76) 1,2,3-Trichloropropane	12.48	75	80312	38.805	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80312	82.762	ug/l #	19

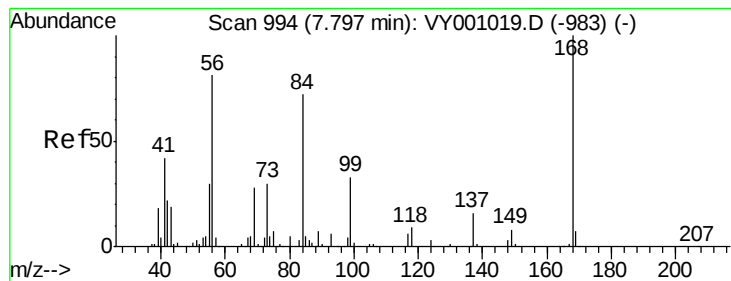
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampled :

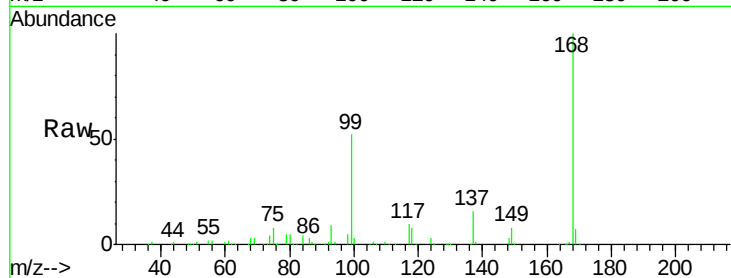
K321-SB-01

Tgt Ion:168 Resp: 235486

Ion Ratio Lower Upper

168 100

99 51.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001114.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001114.D (-945) (-)

7.80

120000

100000

80000

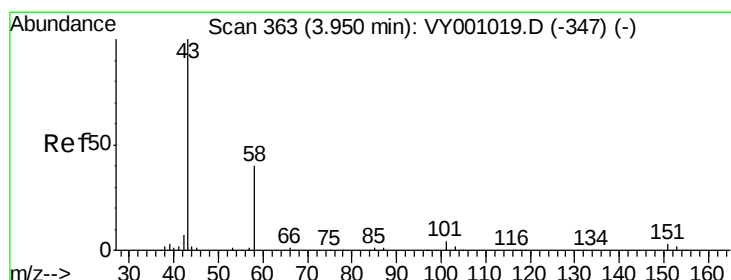
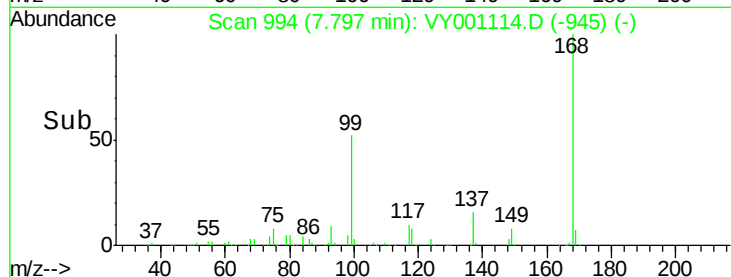
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.457 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001114.D

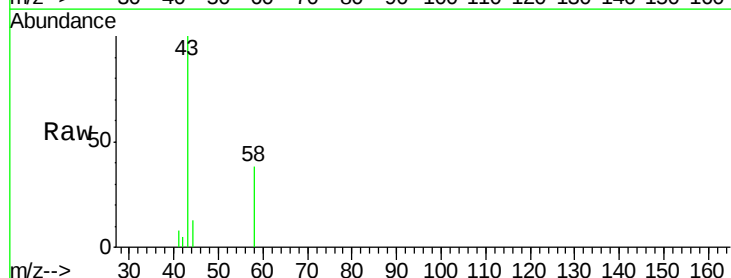
Acq: 27 Dec 2019 21:14

Tgt Ion: 43 Resp: 3455

Ion Ratio Lower Upper

43 100

58 38.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001114.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY001114.D (-314) (-)

3.96

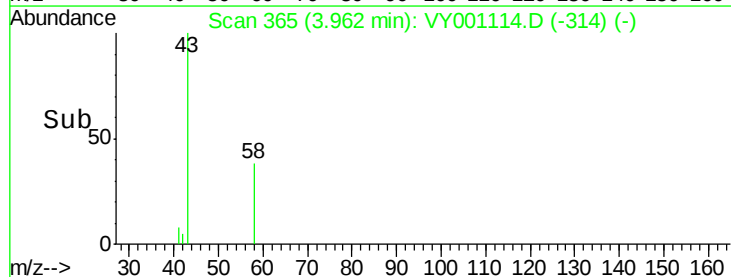
1500

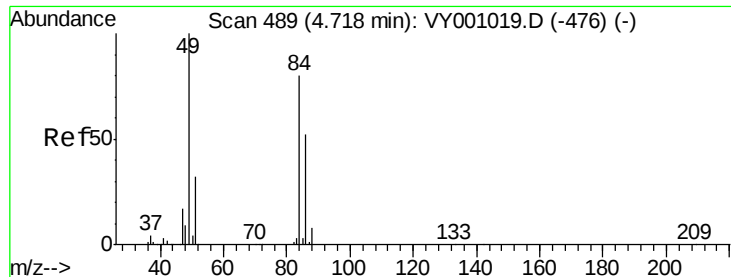
1000

500

0

Time-->

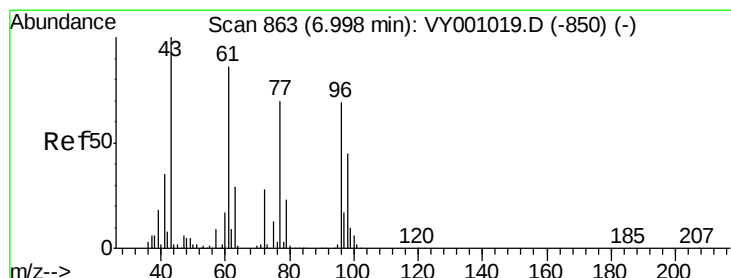
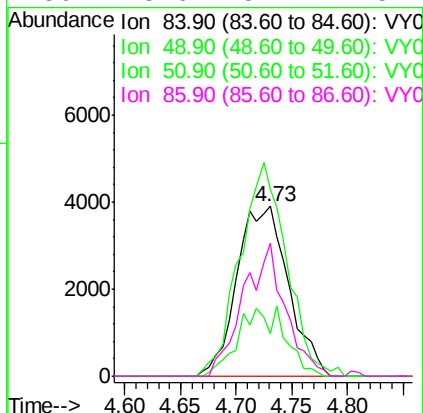
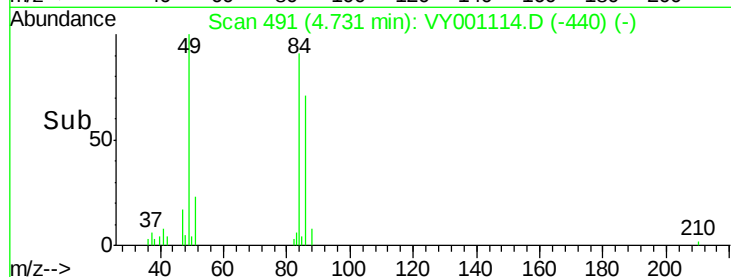
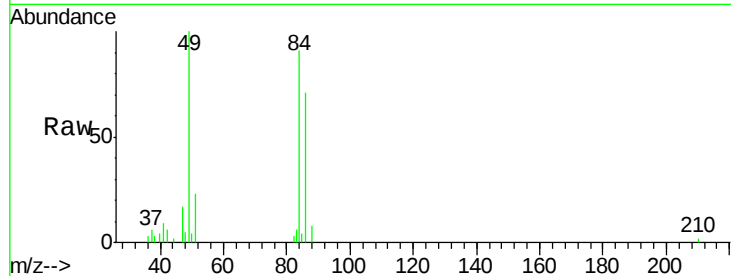




#20
Methylene Chloride
Concen: 3.981 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

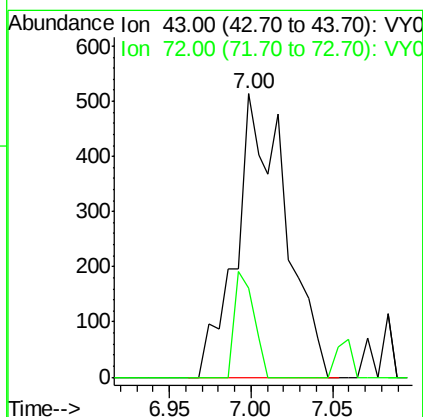
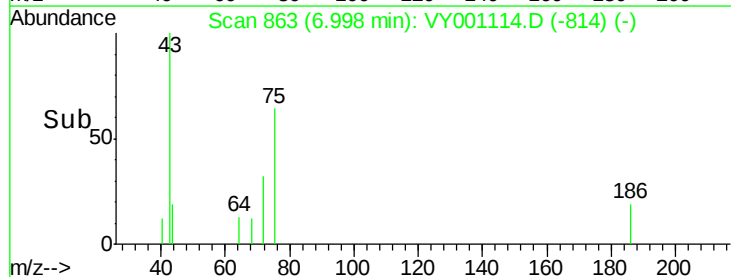
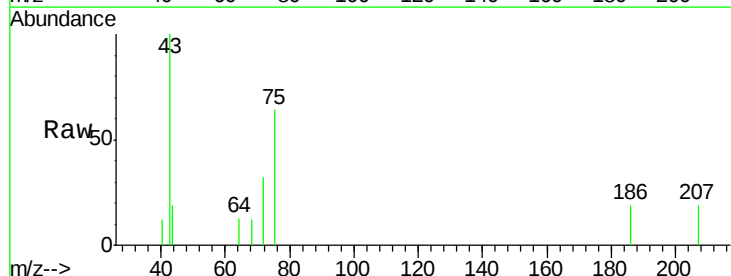
Instrument :
MSVOA_Y
ClientSampleId :
K321-SB-01

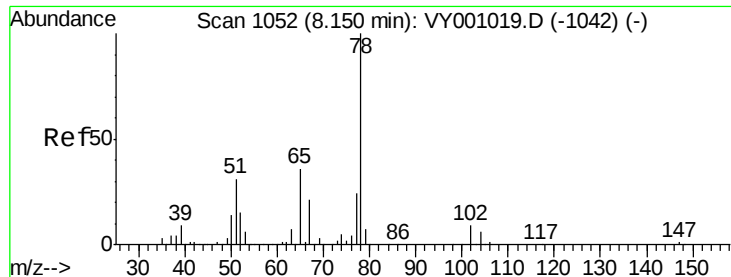
Tgt Ion: 84 Resp: 12539
Ion Ratio Lower Upper
84 100
49 110.1 99.8 149.6
51 25.3 31.4 47.2#
86 78.6 52.2 78.2#



#25
2-Butanone
Concen: 1.147 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
72 26.5 22.4 33.6





#33

1,2-Dichloroethane-d4

Concen: 51.781 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampleId :

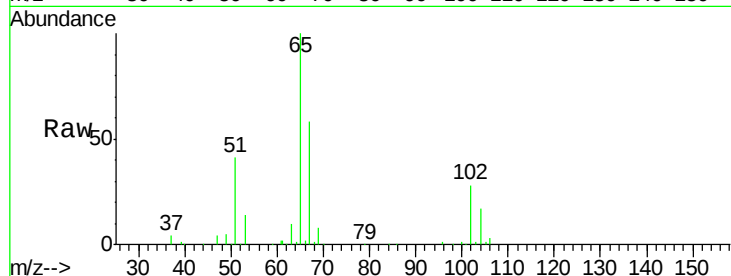
K321-SB-01

Tgt Ion: 65 Resp: 120263

Ion Ratio Lower Upper

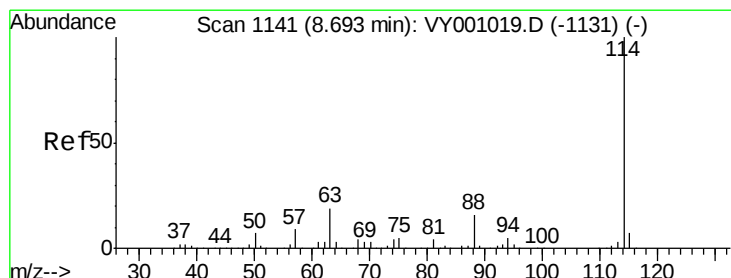
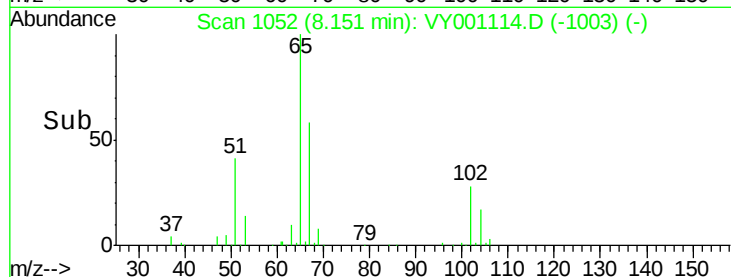
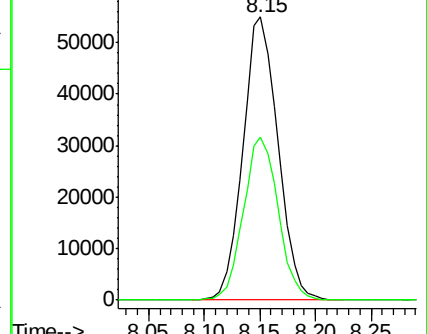
65 100

67 57.0 0.0 112.8



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: VY001114.D

Acq: 27 Dec 2019 21:14

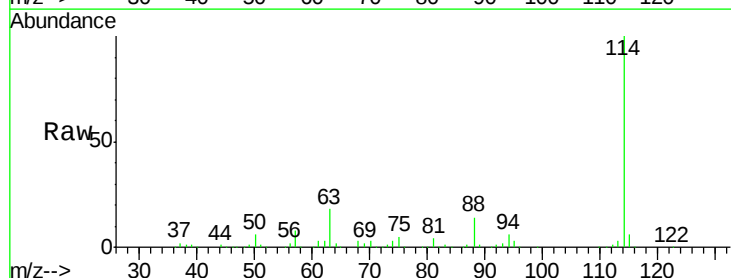
Tgt Ion: 114 Resp: 434592

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.0

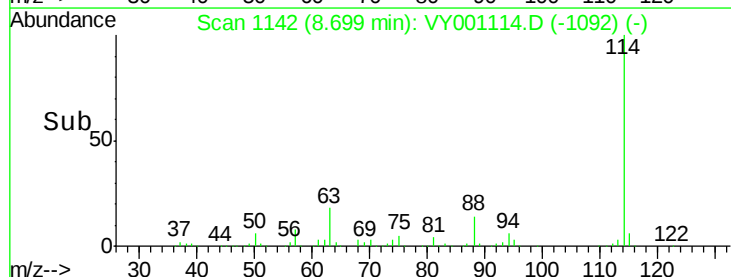
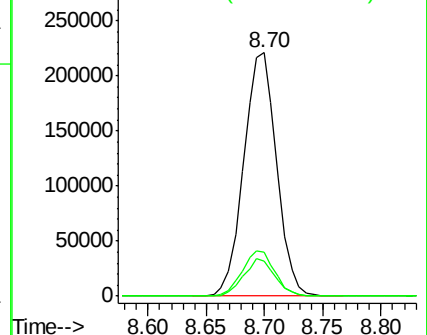
88 14.2 0.0 32.0

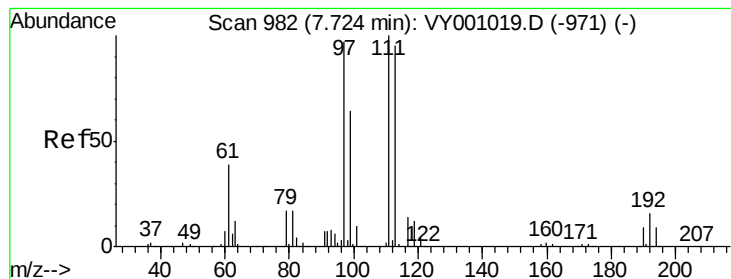


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.319 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampleId :

K321-SB-01

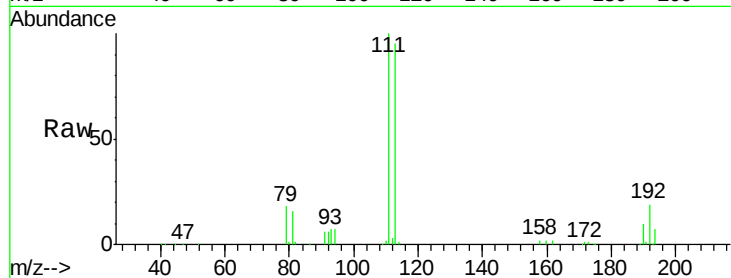
Tgt Ion:113 Resp: 121096

Ion Ratio Lower Upper

113 100

111 106.3 83.0 124.4

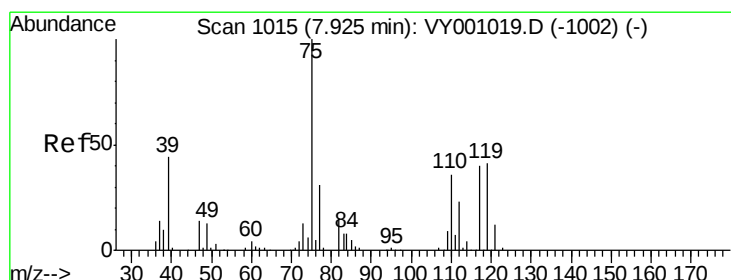
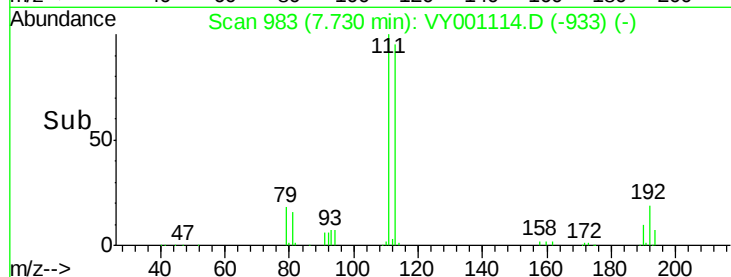
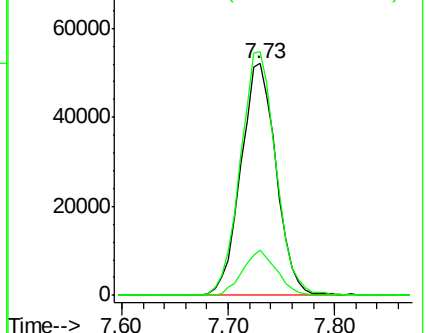
192 18.8 14.6 21.8



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: 4.188 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

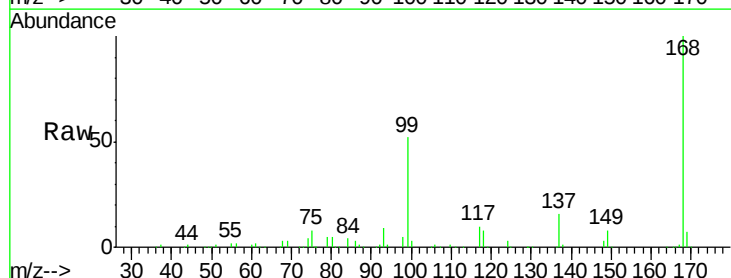
Tgt Ion: 75 Resp: 17362

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.4#

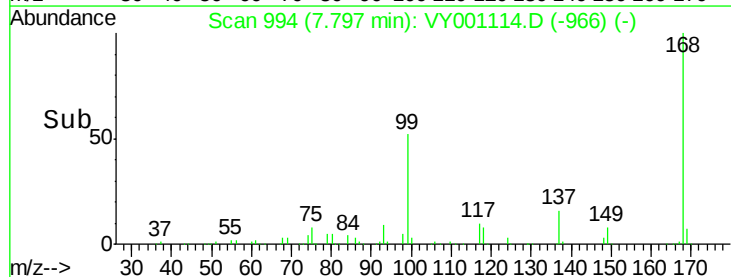
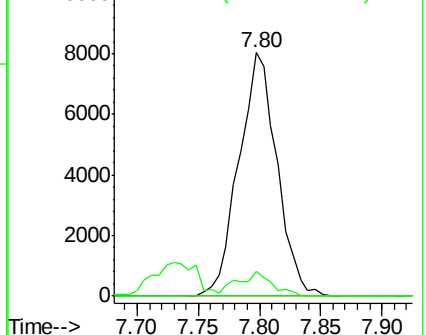
77 0.0 24.6 37.0#

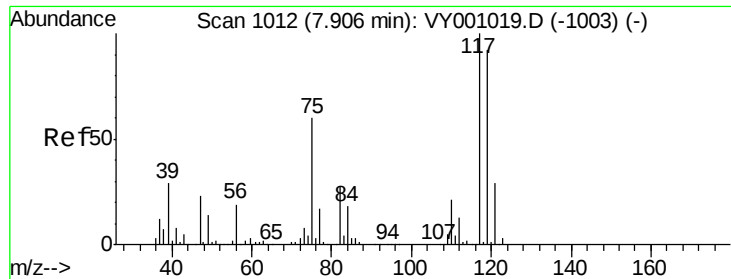


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

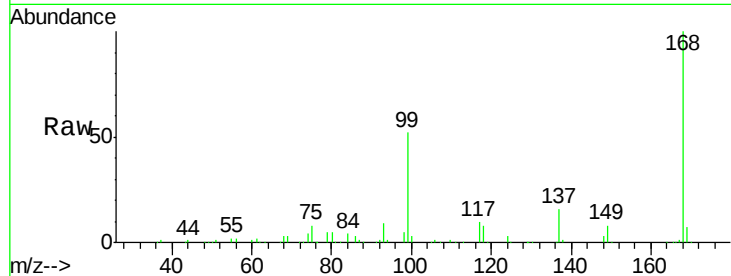




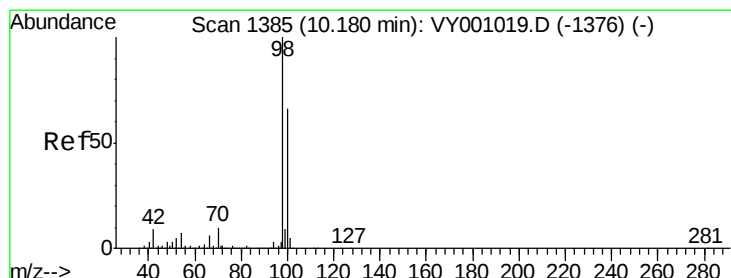
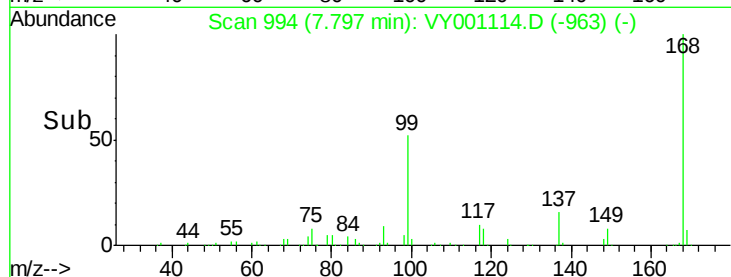
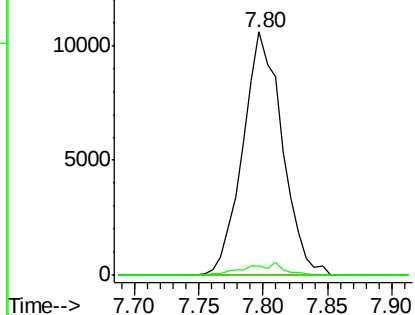
#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

Instrument :
MSVOA_Y
ClientSampled :
K321-SB-01

Tgt Ion: 117 Resp: 22456
Ion Ratio Lower Upper
117 100
119 3.9 74.2 111.2#
121 0.0 22.9 34.3#

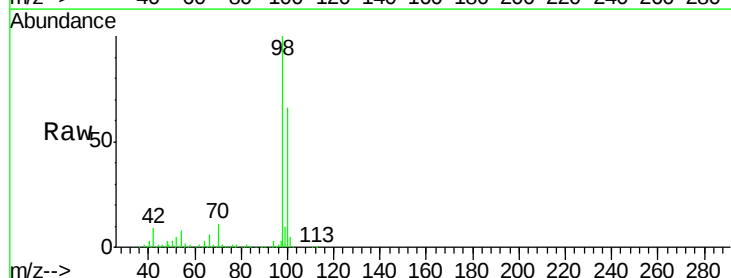


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

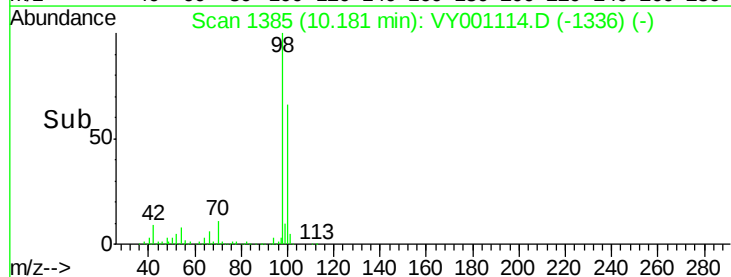
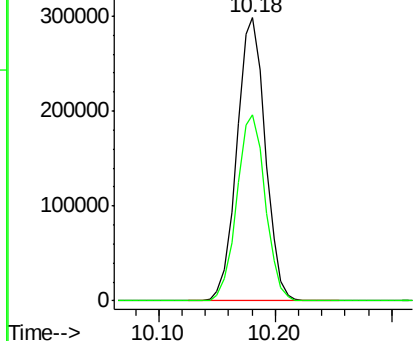


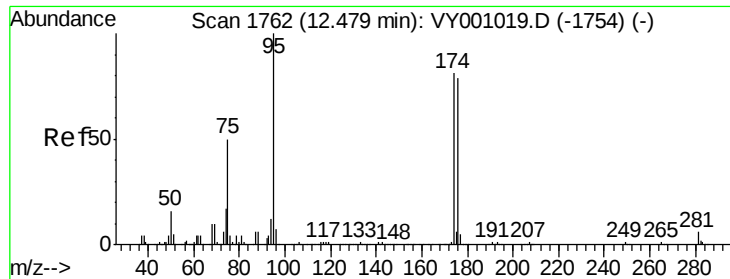
#50
Toluene-d8
Concen: 50.643 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

Tgt Ion: 98 Resp: 506480
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



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

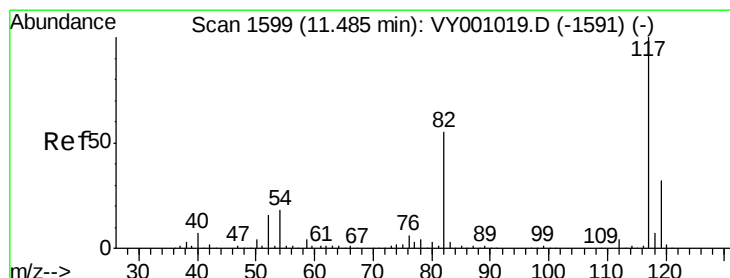
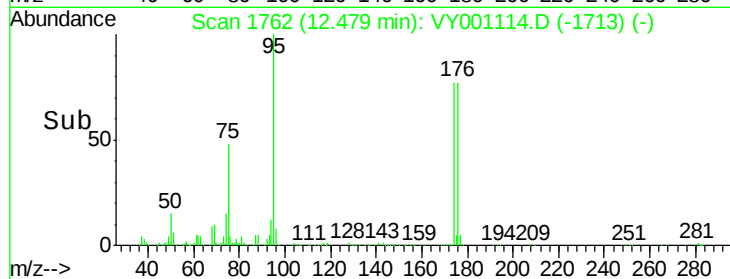
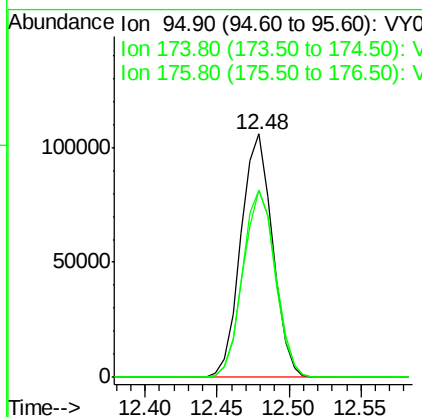
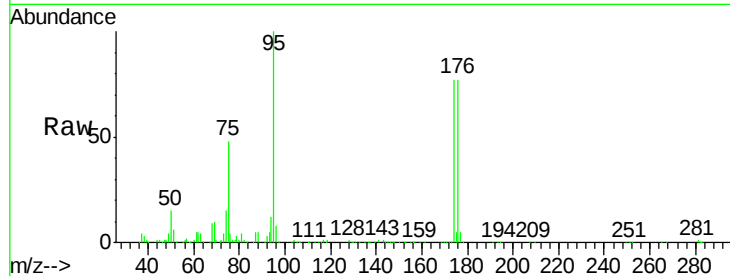




#62
4-Bromofluorobenzene
Concen: 44.185 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

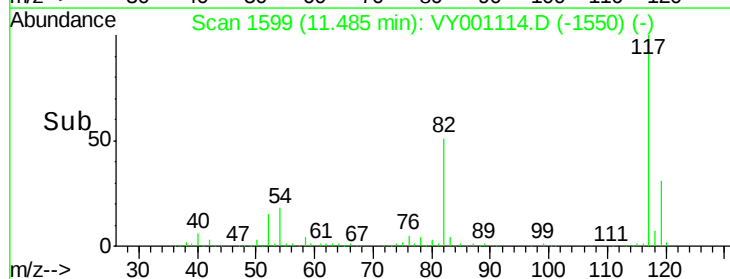
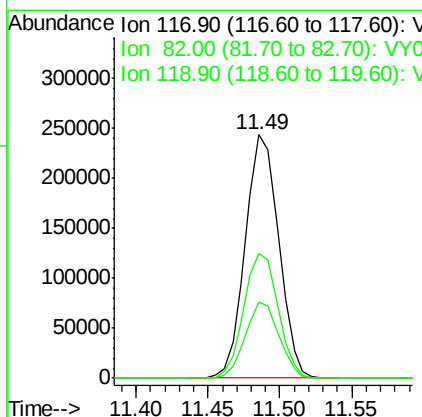
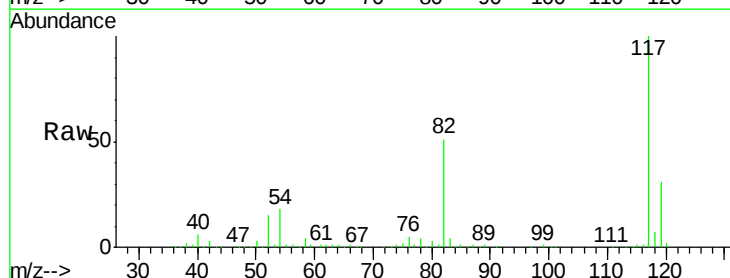
Instrument :
MSVOA_Y
ClientSampleId :
K321-SB-01

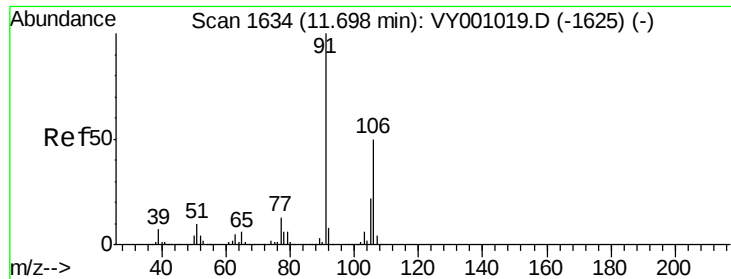
Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	156.4
176	77.5	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.8	65.8
119	31.1	25.8	38.6

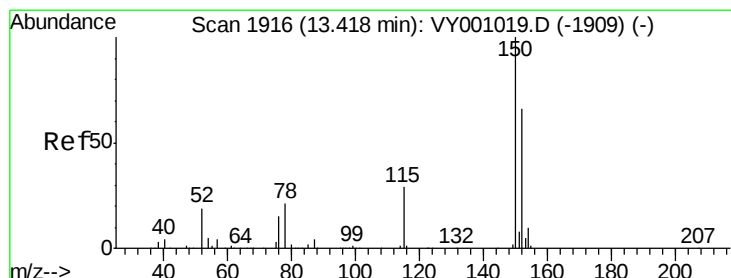
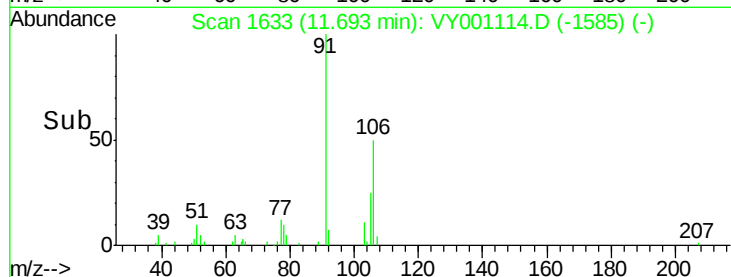
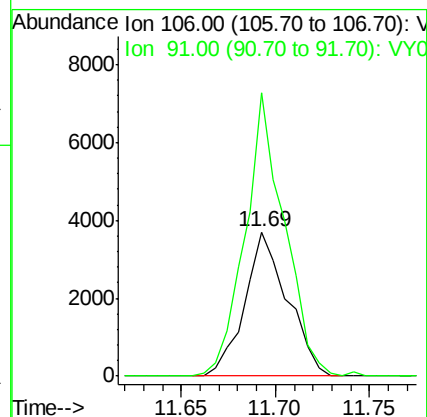
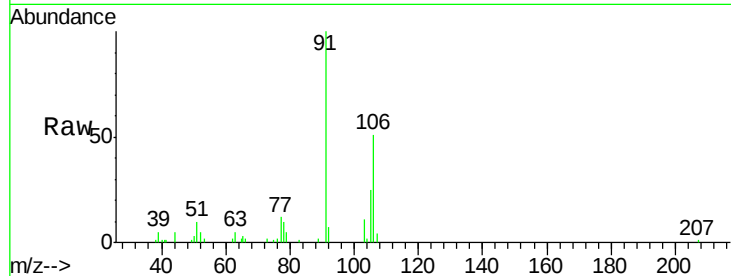




#68
m/p-Xylenes
Concen: 1.047 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

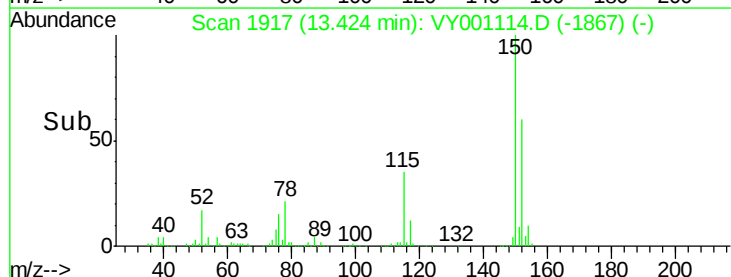
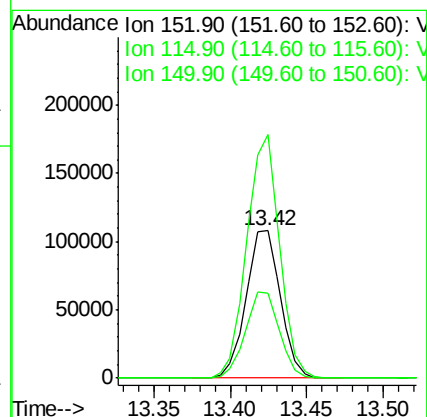
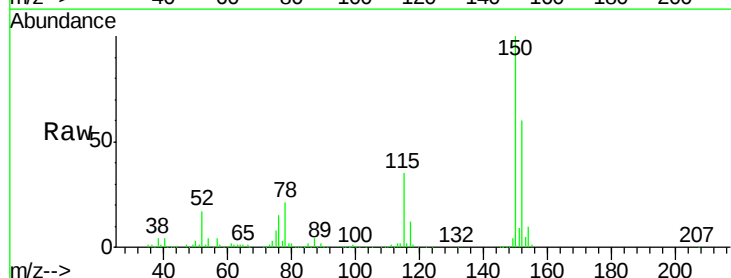
Instrument :
MSVOA_Y
ClientSampled :
K321-SB-01

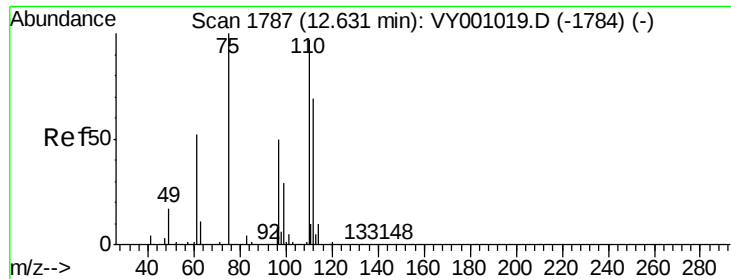
Tgt Ion:106 Resp: 5818
Ion Ratio Lower Upper
106 100
91 180.4 156.4 234.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

Tgt Ion:152 Resp: 167882
Ion Ratio Lower Upper
152 100
115 58.2 29.8 89.3
150 158.0 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 38.805 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampleId :

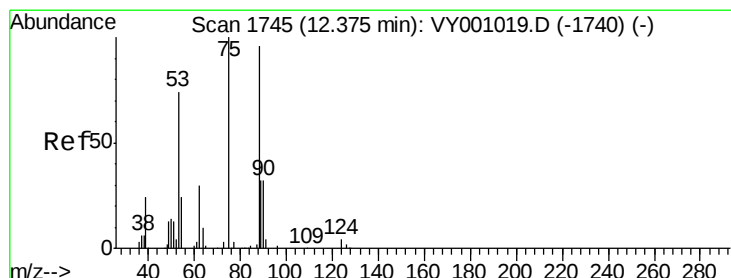
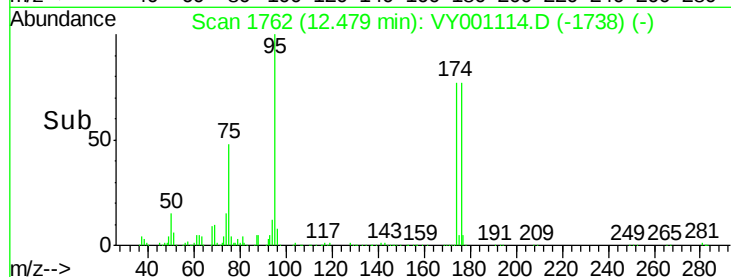
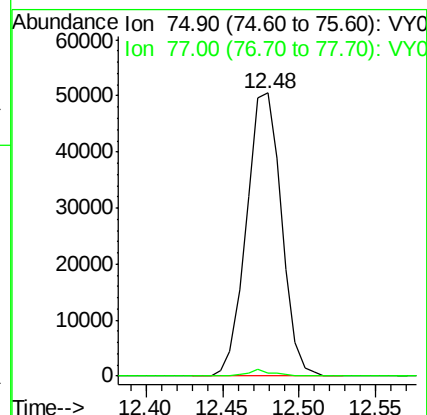
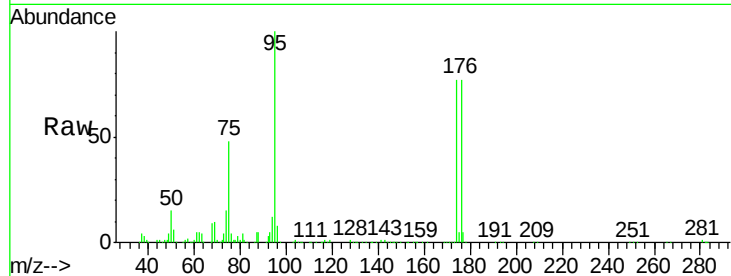
K321-SB-01

Tgt Ion: 75 Resp: 80312

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.762 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Tgt Ion: 75 Resp: 80312

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.0 35.4 53.0#

