

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001055.D
 Acq On : 24 Dec 2019 17:52
 Operator : SY/MD
 Sample : K6414-02
 Misc : 8.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-02

Quant Time: Dec 25 01:39:52 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

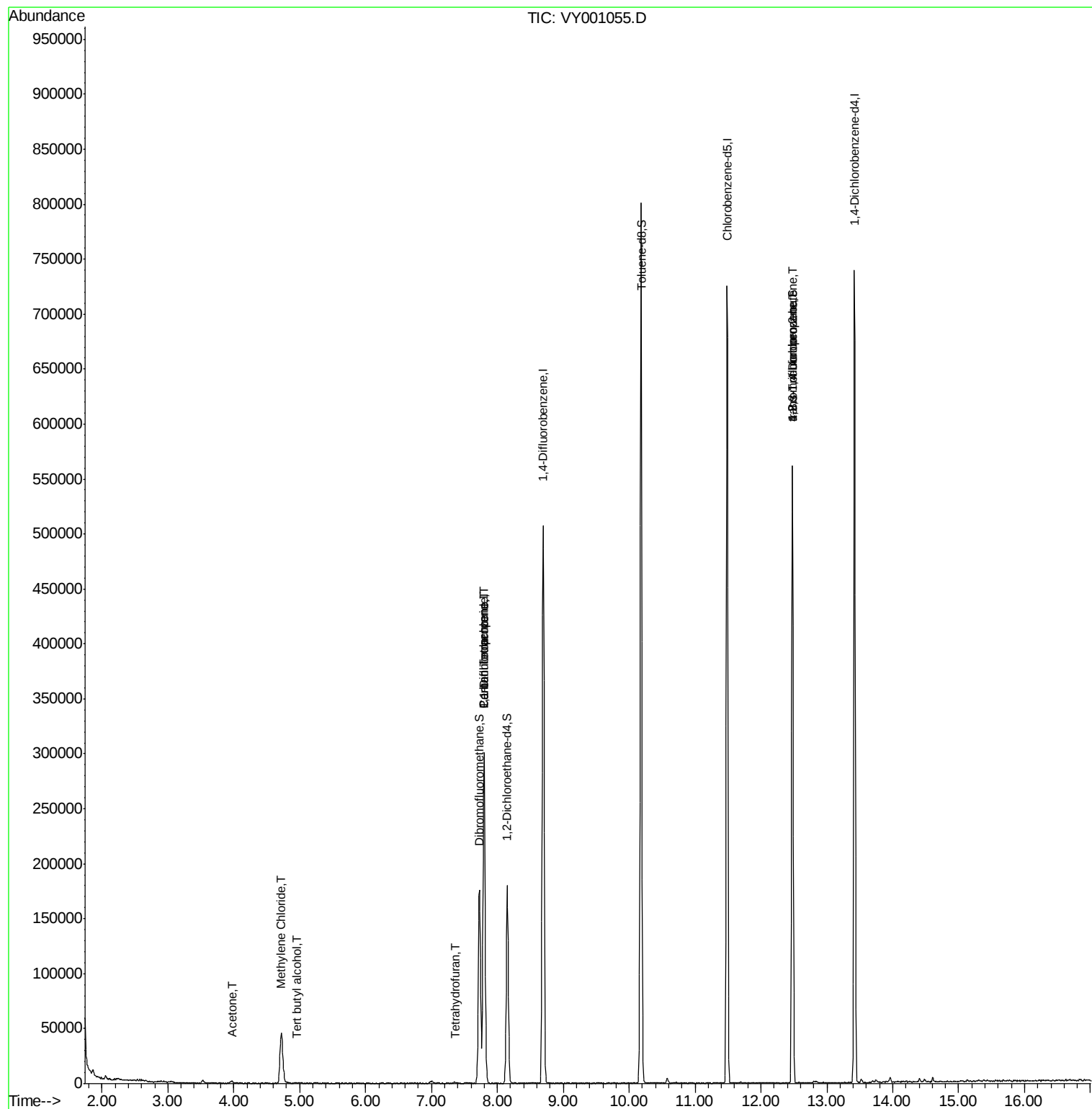
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132794	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.48%	
35) Dibromofluoromethane	7.73	113	129420	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.18	98	530899	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.48	95	175703	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.95	59	266	1.025	ug/l #	74
16) Acetone	3.97	43	3858	7.092	ug/l #	86
20) Methylene Chloride	4.72	84	36077	11.267	ug/l	92
29) Tetrahydrofuran	7.36	42	773	1.137	ug/l #	66
36) 1,1-Dichloropropene	7.80	75	19163	4.490	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23189	6.201	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	87564	39.478	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87564	84.198	ug/l #	19

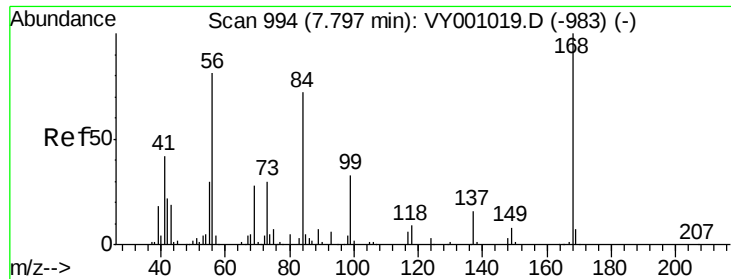
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
Data File : VY001055.D
Acq On : 24 Dec 2019 17:52
Operator : SY/MD
Sample : K6414-02
Misc : 8.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-02

Quant Time: Dec 25 01:39:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
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: VY001055.D

Acq: 24 Dec 2019 17:52

Instrument :

MSVOA_Y

ClientSampleId :

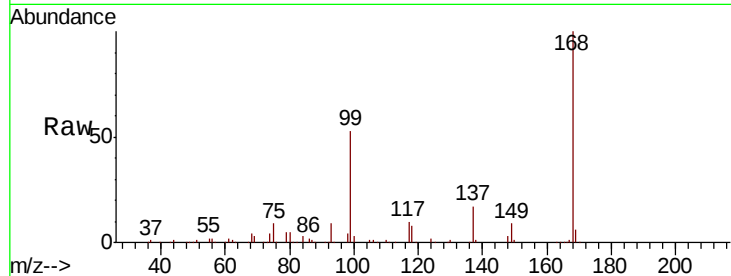
K183-SB-02

Tgt Ion: 168 Resp: 239421

Ion Ratio Lower Upper

168 100

99 53.4 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) (-)

7.80

120000

100000

80000

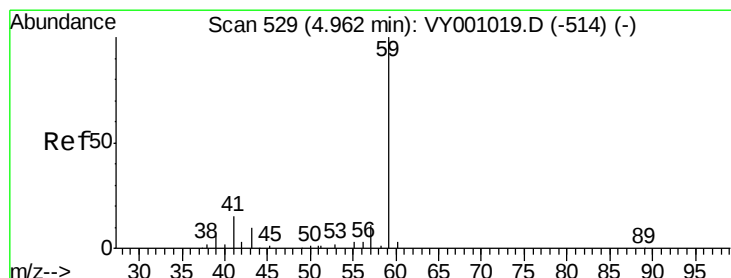
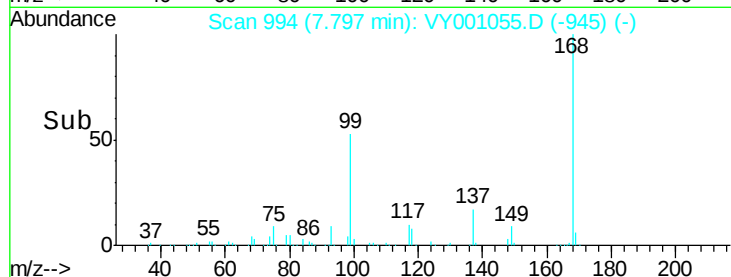
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.025 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.01 min

Lab File: VY001055.D

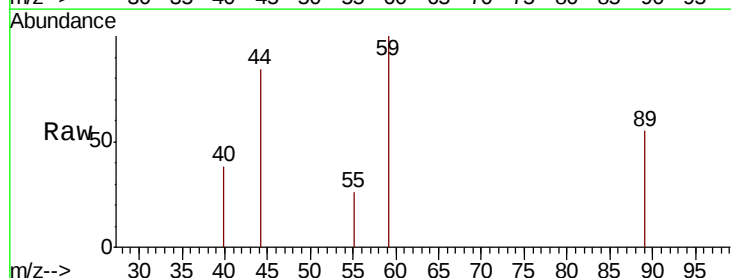
Acq: 24 Dec 2019 17:52

Tgt Ion: 59 Resp: 266

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) (-)

4.95

250

200

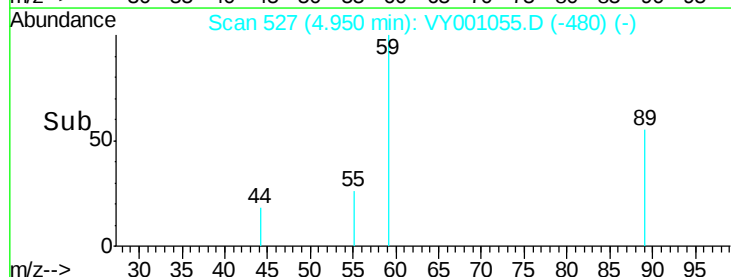
150

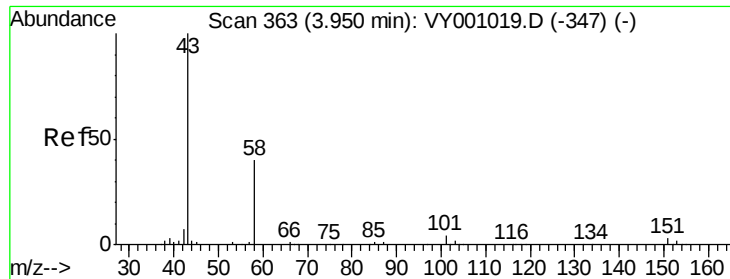
100

50

0

Time-->





#16

Acetone

Concen: 7.092 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

Instrument :

MSVOA_Y

ClientSampleId :

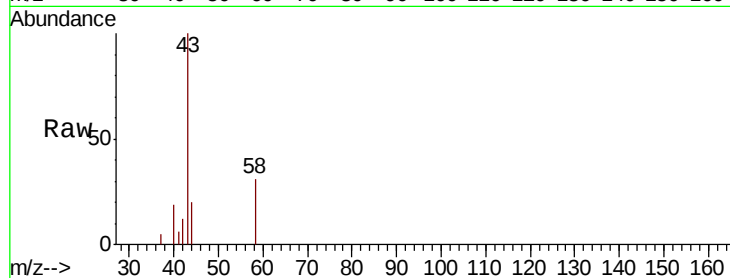
K183-SB-02

Tgt Ion: 43 Resp: 3858

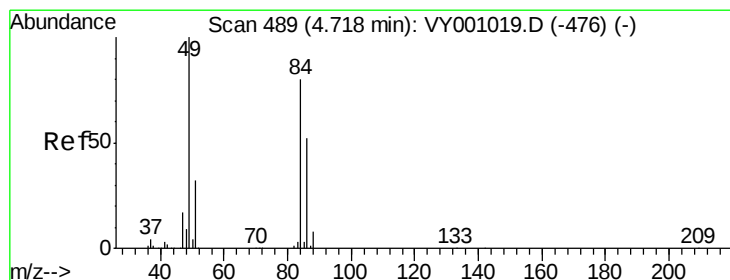
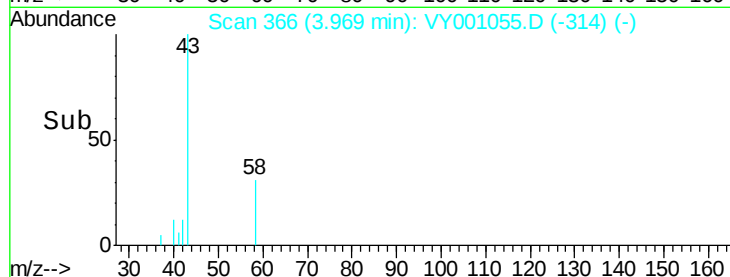
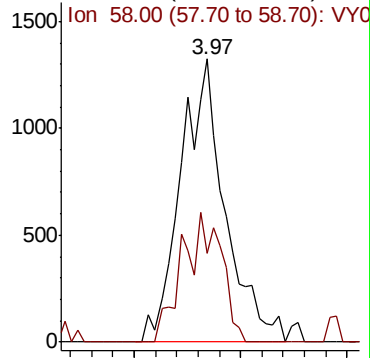
Ion Ratio Lower Upper

43 100

58 31.2 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)



#20

Methylene Chloride

Concen: 11.267 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

Tgt Ion: 84 Resp: 36077

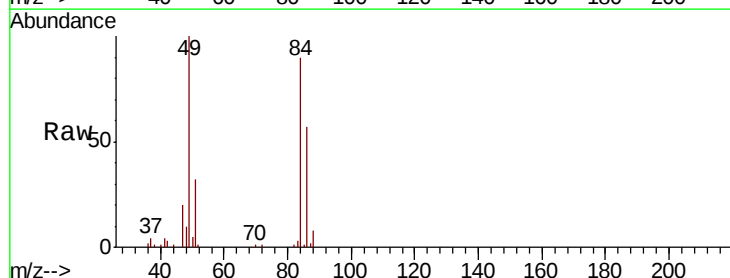
Ion Ratio Lower Upper

84 100

49 110.9 99.8 149.6

51 35.3 31.4 47.2

86 63.8 52.2 78.2

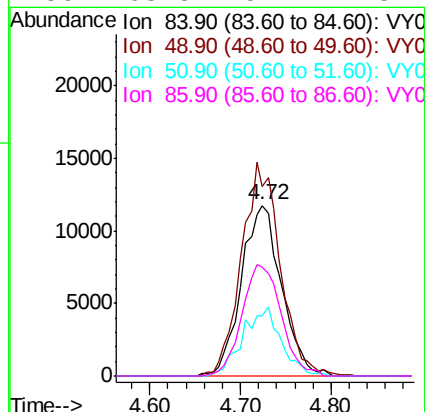
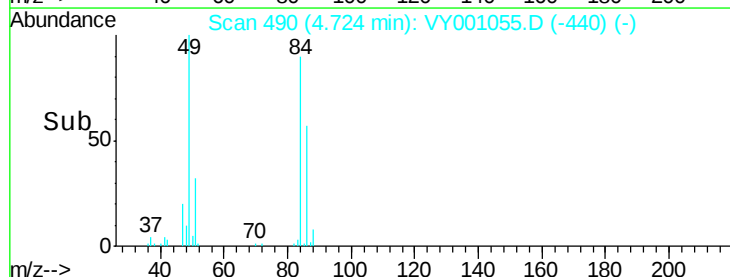


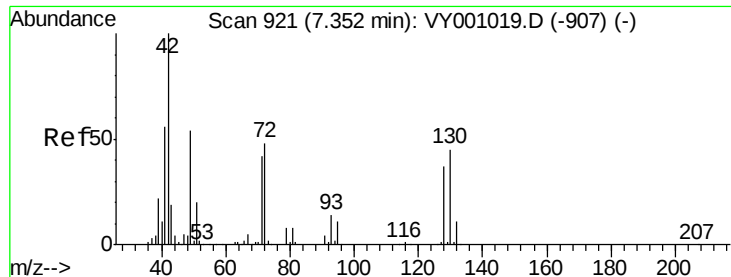
Abundance Ion 83.90 (83.60 to 84.60): VY001019.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY001019.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY001019.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY001019.D (-476) (-)





#29

Tetrahydrofuran

Concen: 1.137 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-02

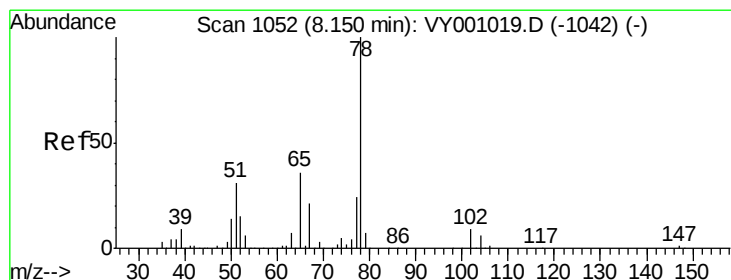
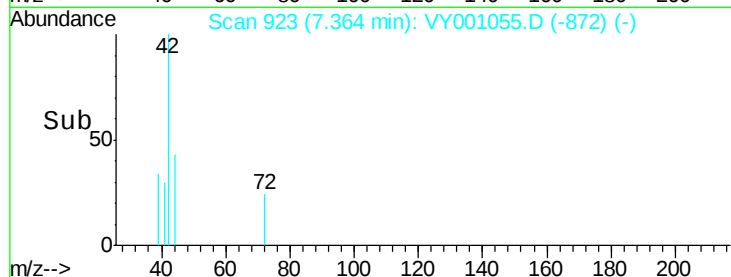
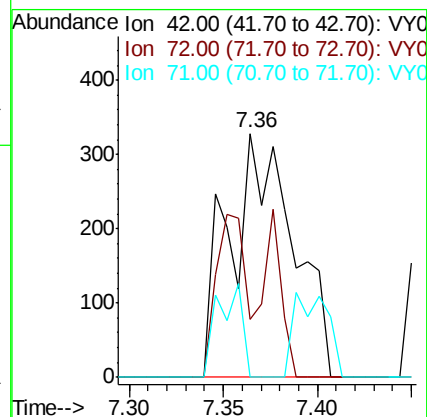
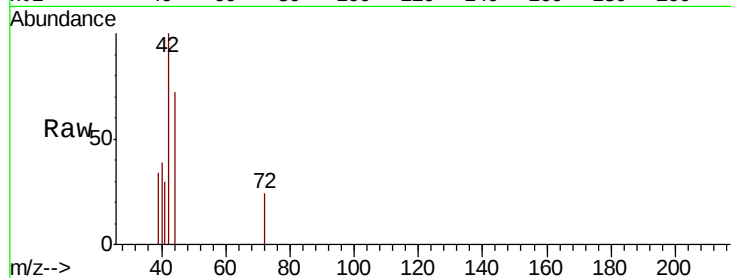
Tgt Ion: 42 Resp: 773

Ion Ratio Lower Upper

42 100

72 30.8 37.7 56.5#

71 14.9 34.6 51.8#



#33

1,2-Dichloroethane-d4

Concen: 56.236 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001055.D

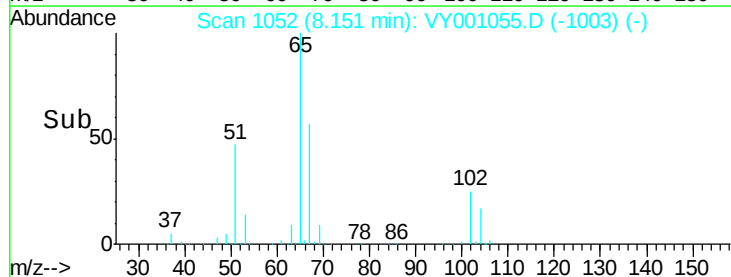
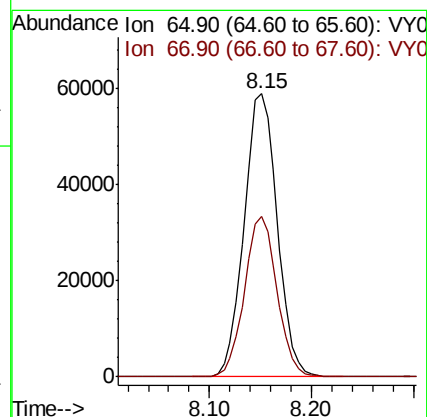
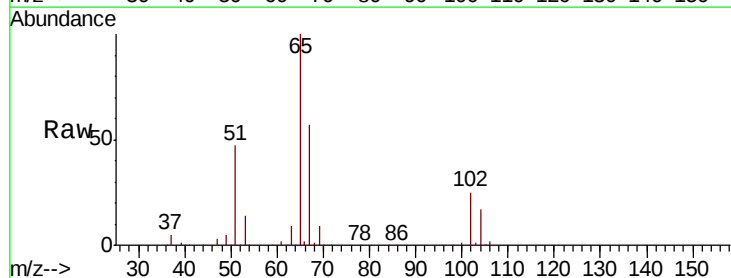
Acq: 24 Dec 2019 17:52

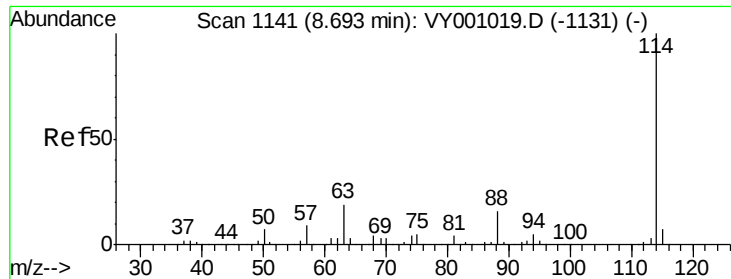
Tgt Ion: 65 Resp: 132794

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.8

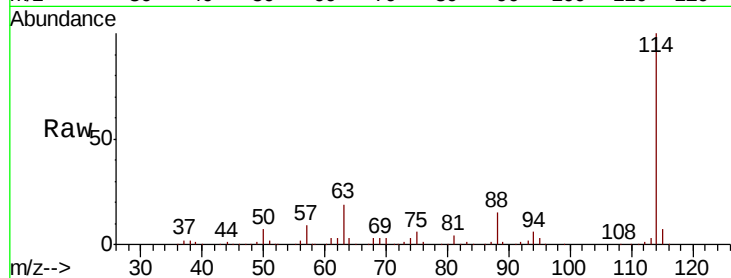




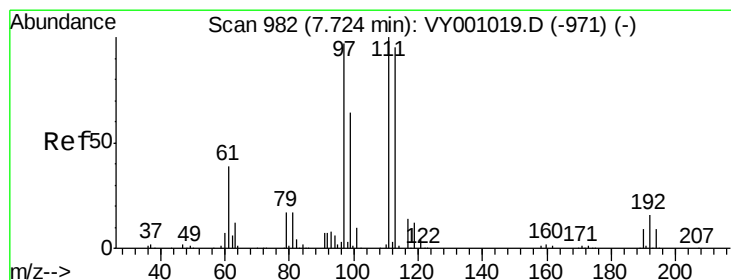
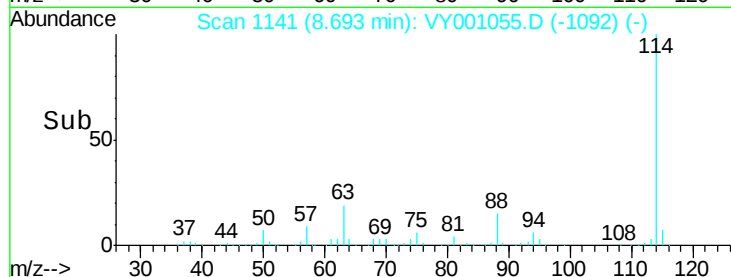
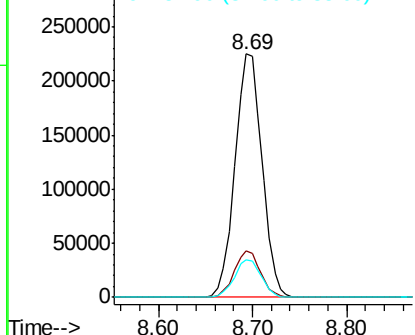
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001055.D
Acq: 24 Dec 2019 17:52

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-02

Tgt Ion:114 Resp: 447407
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.0
88 15.2 0.0 32.0

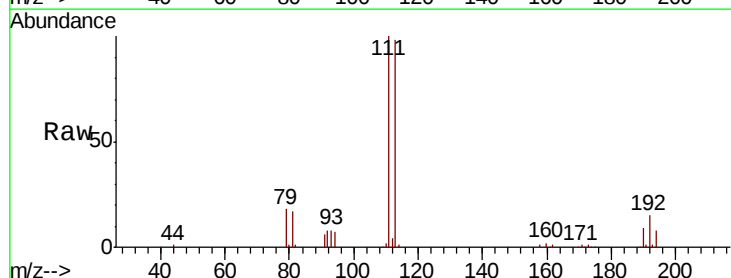


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

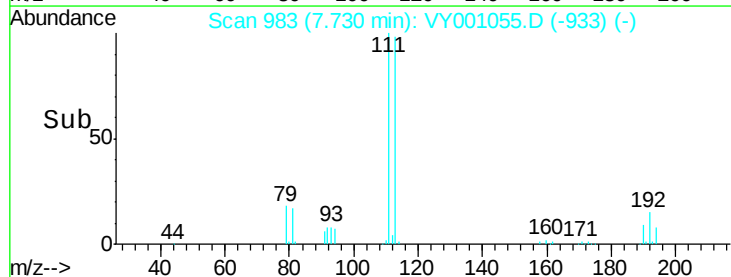
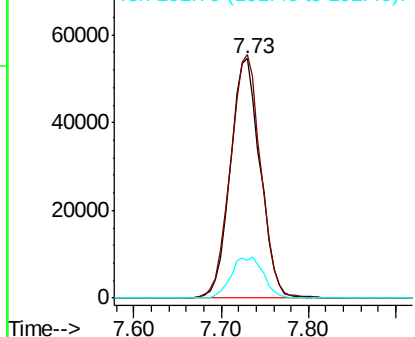


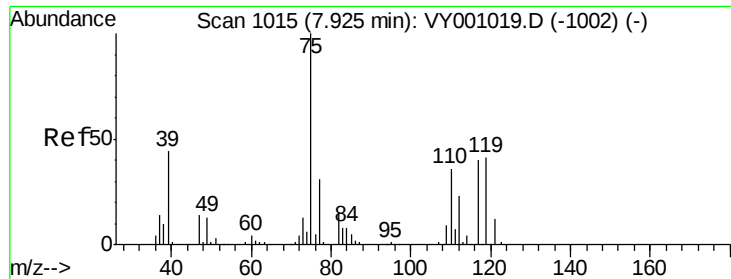
#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001055.D
Acq: 24 Dec 2019 17:52

Tgt Ion:113 Resp: 129420
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 18.4 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: 4.490 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-02

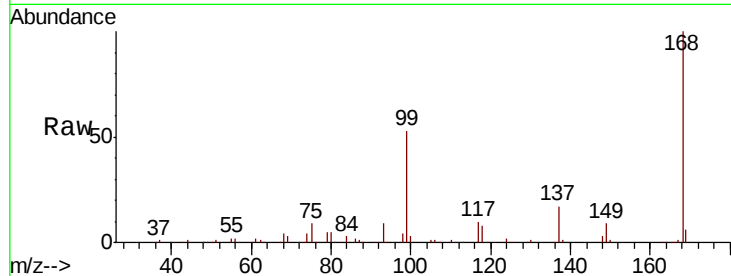
Tgt Ion: 75 Resp: 19163

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

77 0.0 24.6 37.0#

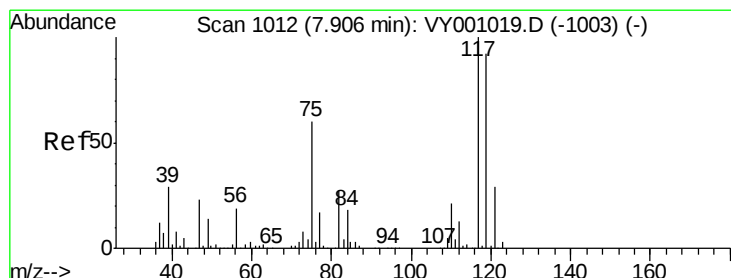
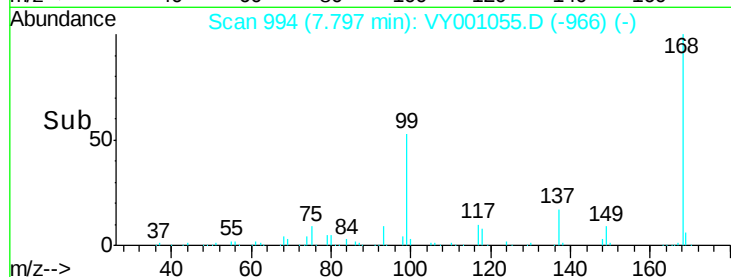


Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VY001019.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VY001019.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

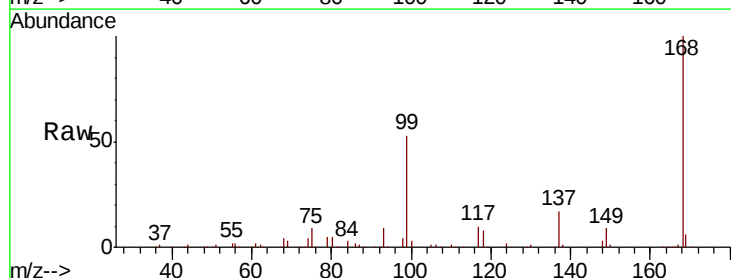
Tgt Ion: 117 Resp: 23189

Ion Ratio Lower Upper

117 100

119 3.9 74.2 111.2#

121 0.0 22.9 34.3#

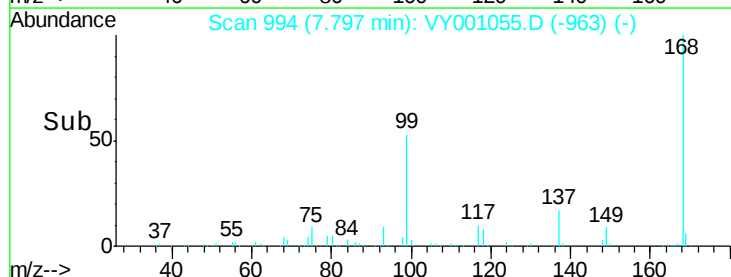


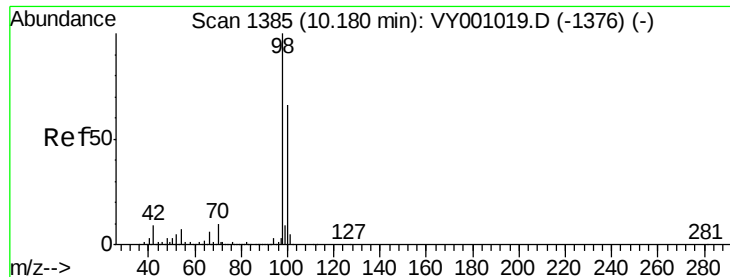
Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1003) (-)

Ion 118.80 (118.50 to 119.50): VY001019.D (-1003) (-)

Ion 120.80 (120.50 to 121.50): VY001019.D (-1003) (-)

Time-->





#50

Toluene-d8

Concen: 51.564 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

Instrument :

MSVOA_Y

ClientSampleId :

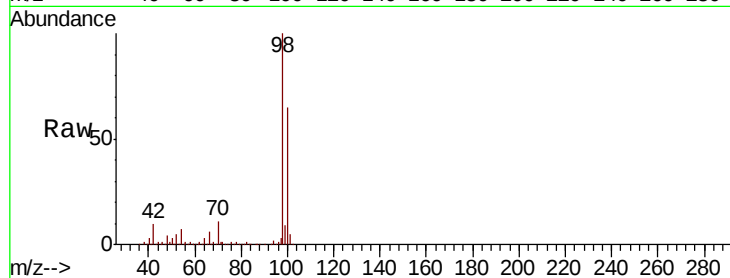
K183-SB-02

Tgt Ion: 98 Resp: 530899

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001019.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY001019.D (-1376) (-)

10.18

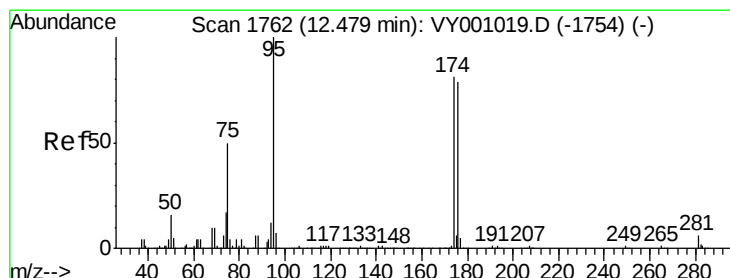
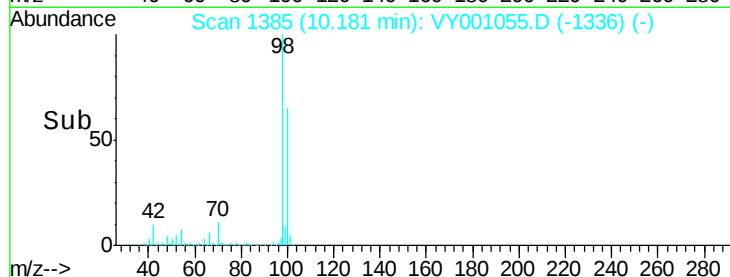
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.675 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

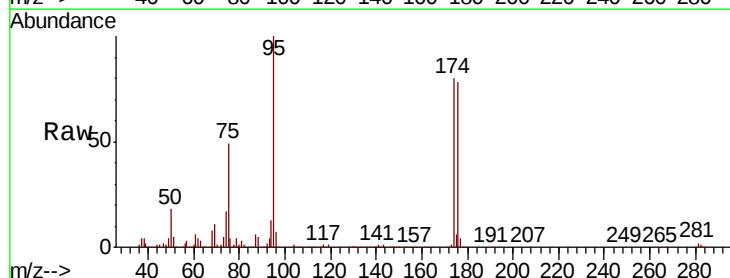
Tgt Ion: 95 Resp: 175703

Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.4

176 74.9 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY001019.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY001019.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY001019.D (-1754) (-)

12.48

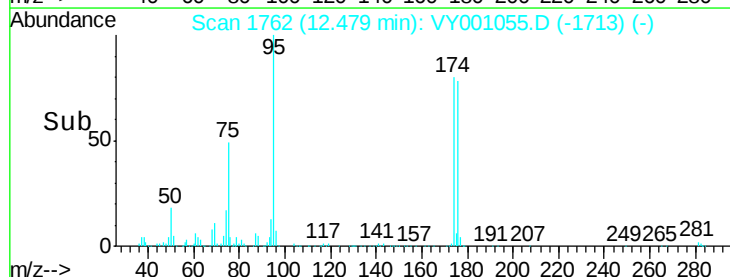
150000

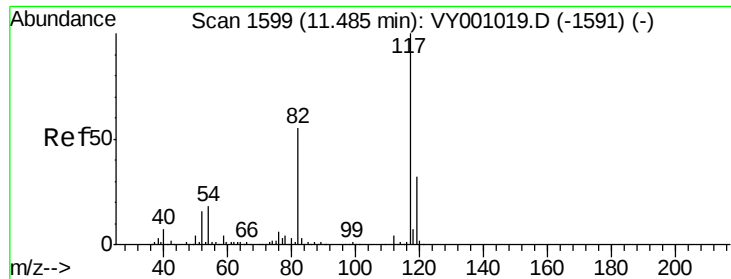
100000

50000

0

Time-->

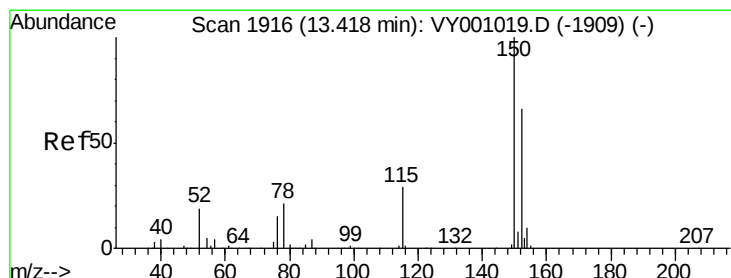
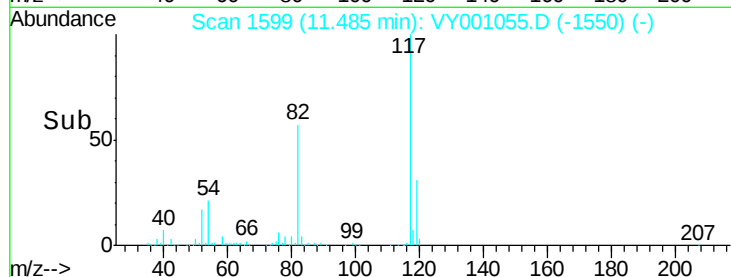
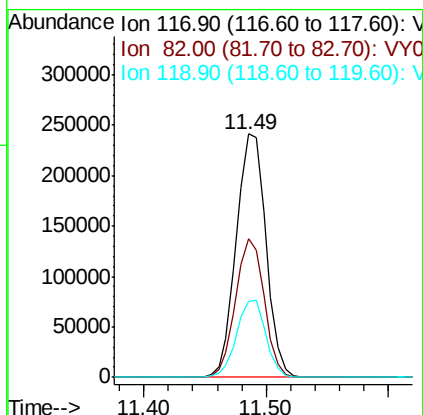
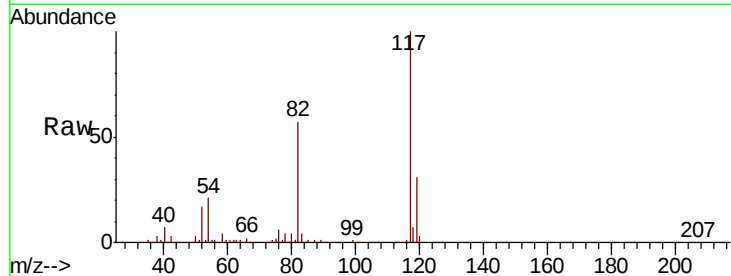




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001055.D
Acq: 24 Dec 2019 17:52

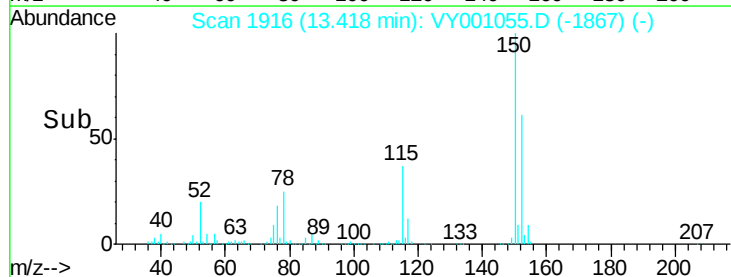
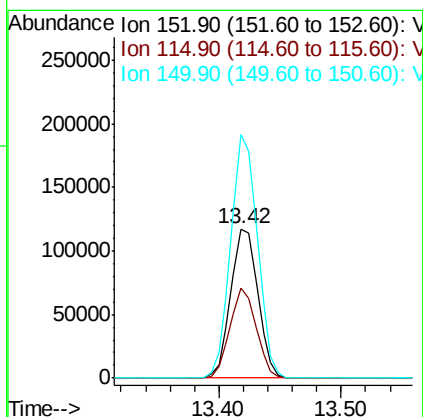
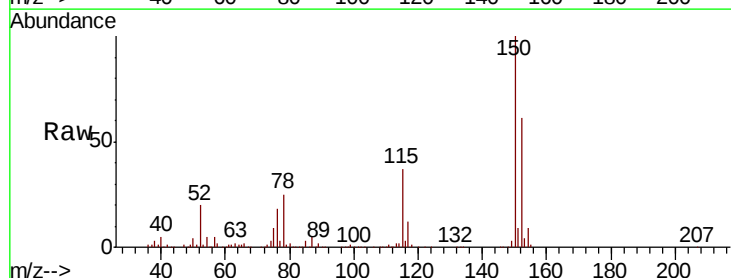
Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-02

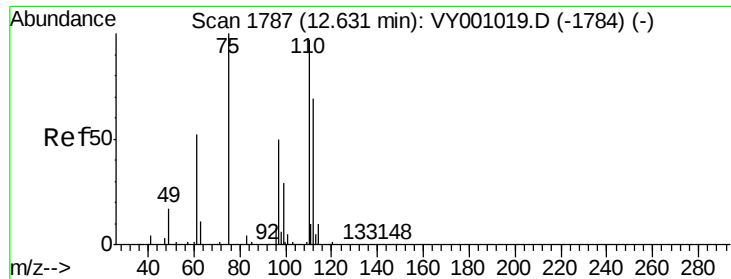
Tgt Ion:117 Resp: 405589
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001055.D
Acq: 24 Dec 2019 17:52

Tgt Ion:152 Resp: 179918
Ion Ratio Lower Upper
152 100
115 58.4 29.8 89.3
150 160.3 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 39.478 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

Instrument :

MSVOA_Y

ClientSampleId :

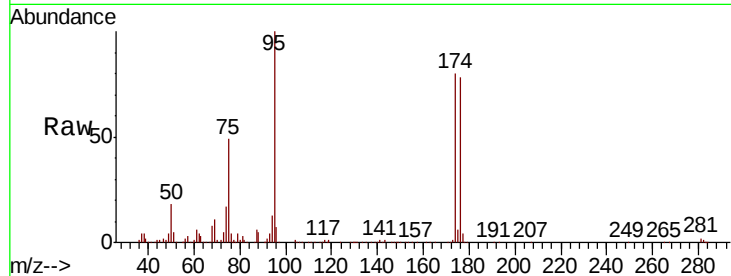
K183-SB-02

Tgt Ion: 75 Resp: 87564

Ion Ratio Lower Upper

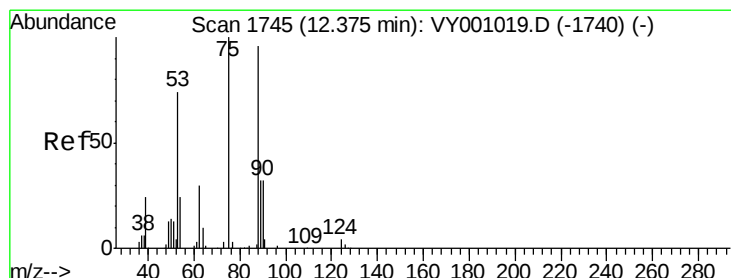
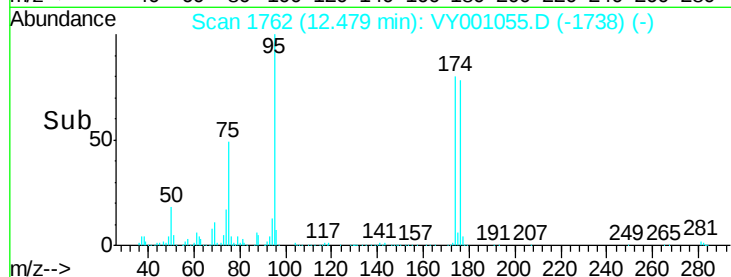
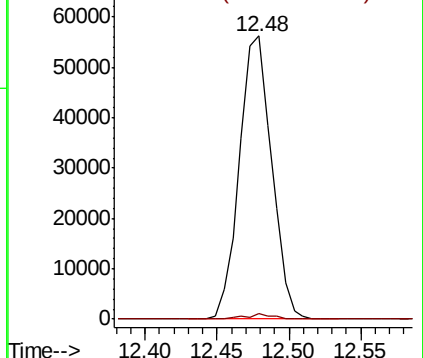
75 100

77 1.7 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: 84.198 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001055.D

Acq: 24 Dec 2019 17:52

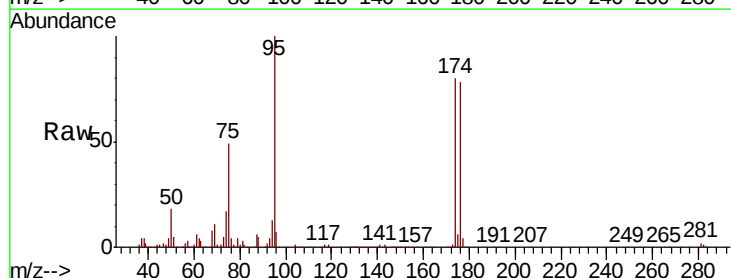
Tgt Ion: 75 Resp: 87564

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.1 35.4 53.0#



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

