

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001671.D
 Acq On : 18 Feb 2020 15:21
 Operator : SY/MD
 Sample : L1551-04RE
 Misc : 6.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-007-B

Quant Time: Feb 19 06:46:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	251632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	91358	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	
35) Dibromofluoromethane	7.75	113	61498	36.86	ug/l	0.00
Spiked Amount			Recovery	=	73.72%	
50) Toluene-d8	10.20	98	340878	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.49	95	110642	43.57	ug/l	0.00
Spiked Amount			Recovery	=	87.14%	

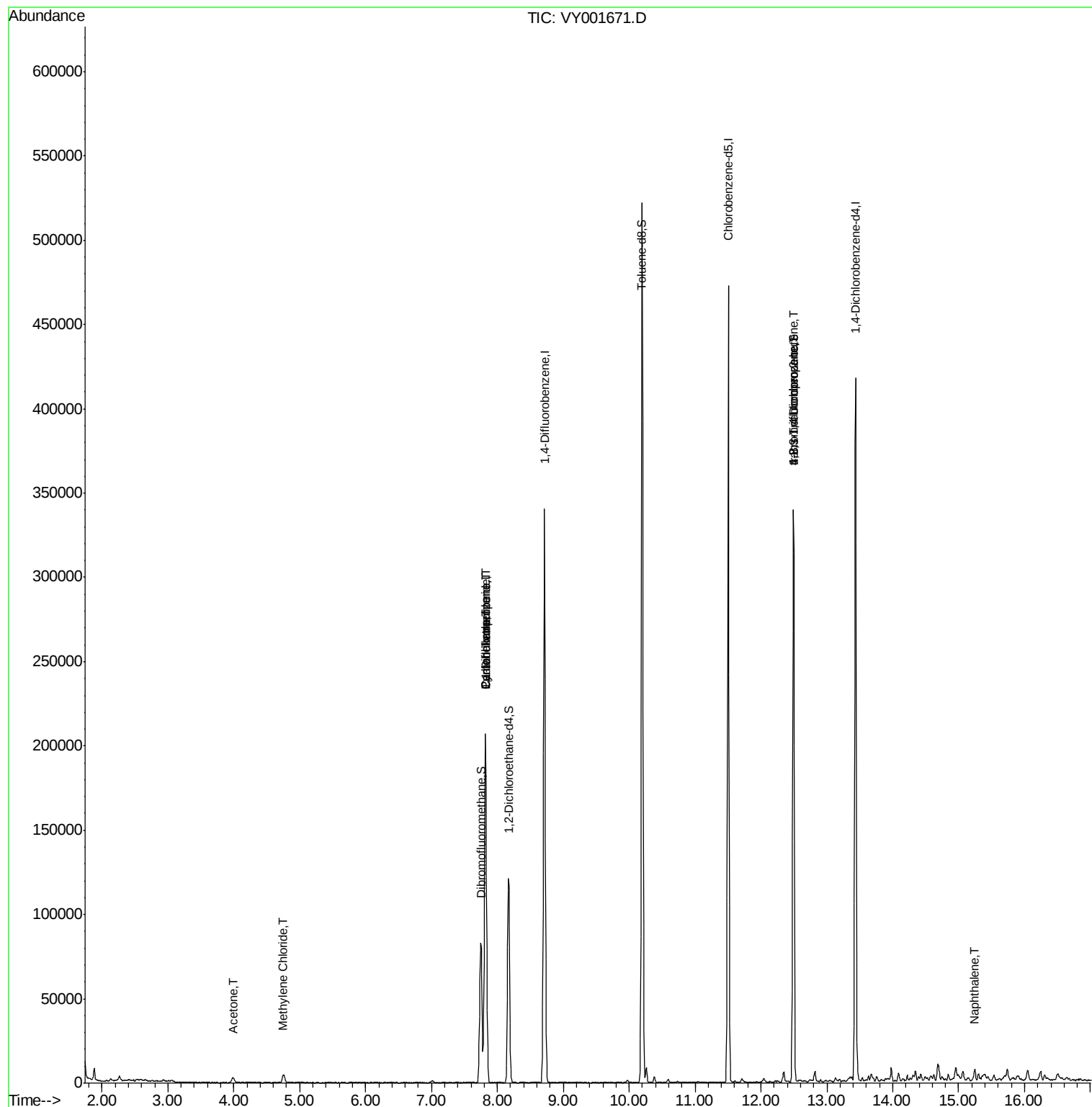
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	405	Below Cal	#	74
16) Acetone	3.99	43	5377	9.304	ug/l #	83
20) Methylene Chloride	4.75	84	3538	1.723	ug/l #	83
31) Cyclohexane	7.82	56	3922	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13307	4.782	ug/l #	50
38) Carbon Tetrachloride	7.82	117	15854	6.487	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	56040	48.019	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56040	91.101	ug/l #	17
95) Naphthalene	15.24	128	4718	1.027	ug/l #	95

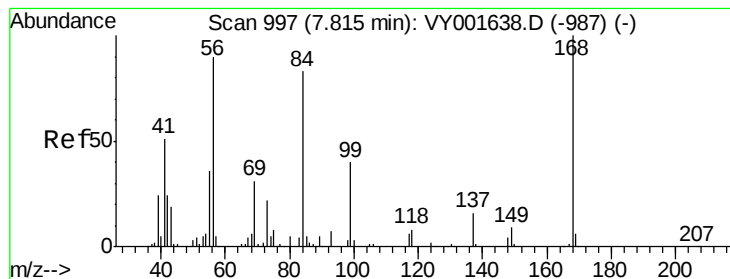
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
Data File : VY001671.D
Acq On : 18 Feb 2020 15:21
Operator : SY/MD
Sample : L1551-04RE
Misc : 6.06G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-007-B

Quant Time: Feb 19 06:46:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

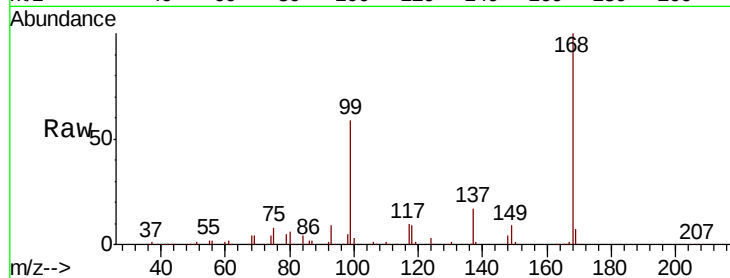
FK-SF-01-007-B

Tot Ion:168 Resp: 155280

Ion Ratio Lower Upper

168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

60000

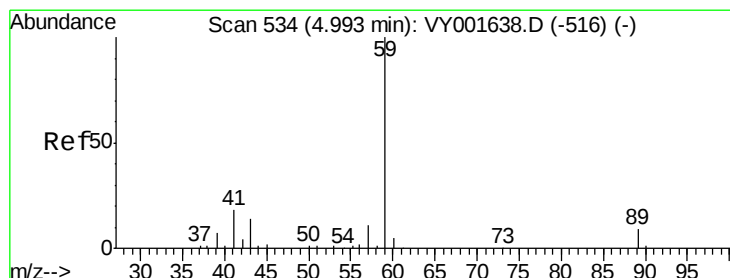
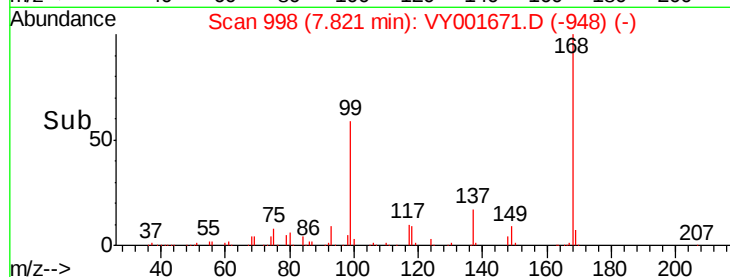
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001671.D

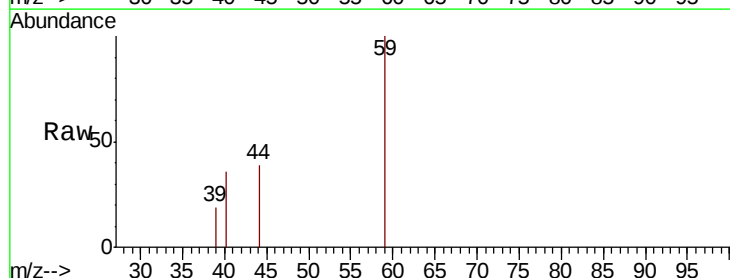
Acq: 18 Feb 2020 15:21

Tgt Ion: 59 Resp: 405

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)

4.99

300

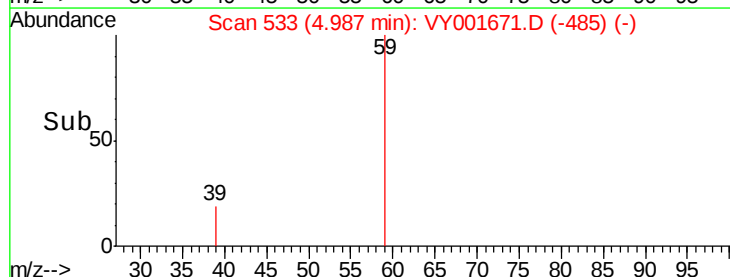
200

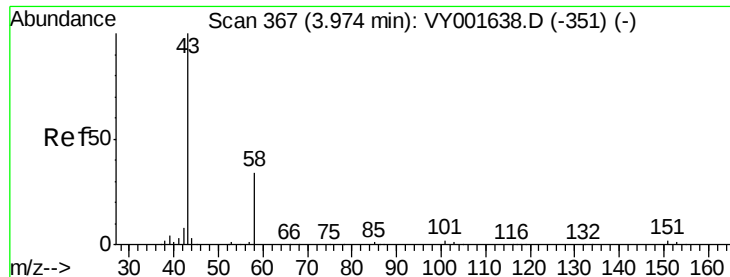
100

0

4.94 4.96 4.98 5.00

Time-->





#16

Acetone

Concen: 9.304 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

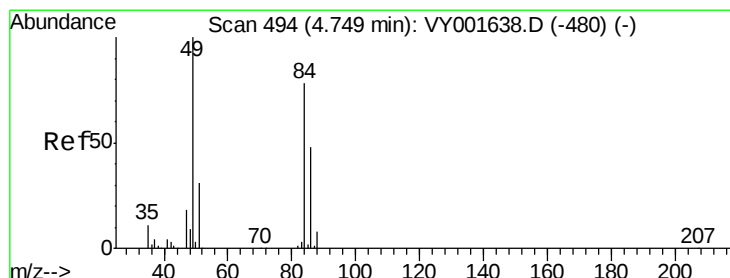
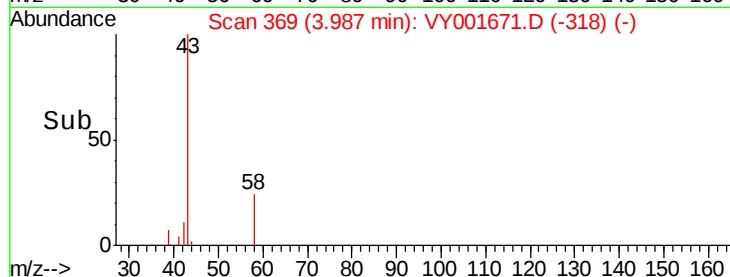
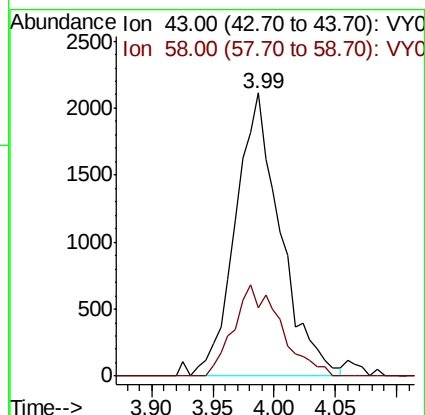
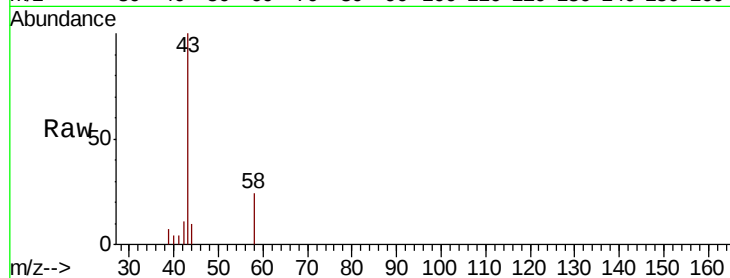
FK-SF-01-007-B

Tot Ion: 43 Resp: 5377

Ion Ratio Lower Upper

43 100

58 24.3 27.3 40.9#



#20

Methylene Chloride

Concen: 1.723 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Tgt Ion: 84 Resp: 3538

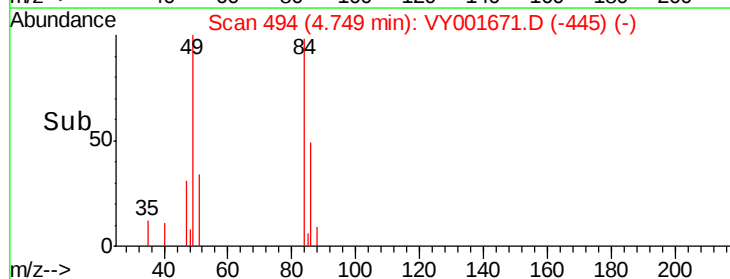
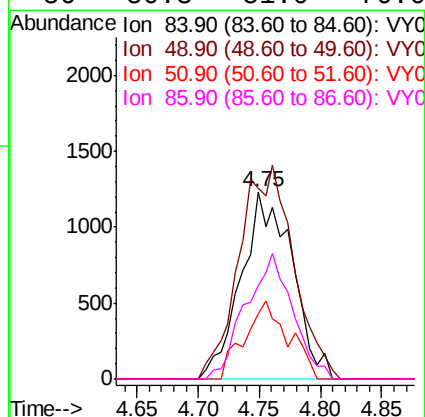
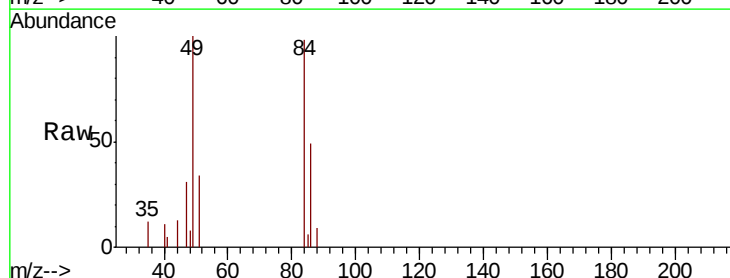
Ion Ratio Lower Upper

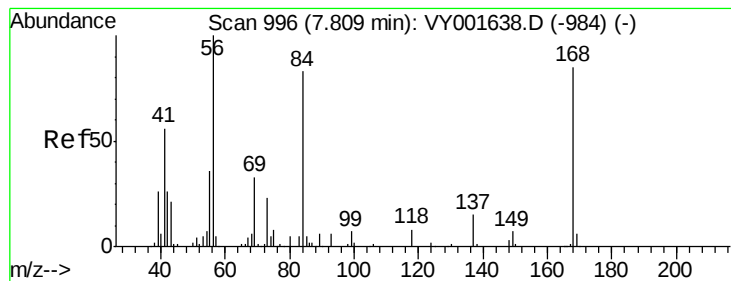
84 100

49 101.9 99.2 148.8

51 35.0 31.5 47.3

86 50.3 51.0 76.6#





#31

Cyclohexane

Concen: 1.118 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-007-B

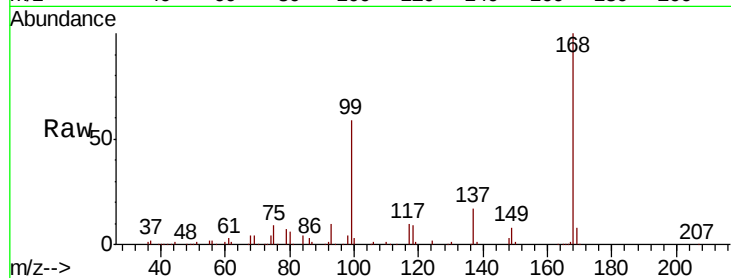
Tot Ion: 56 Resp: 3922

Ion Ratio Lower Upper

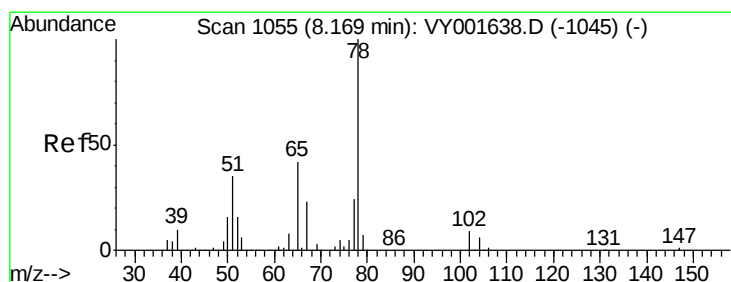
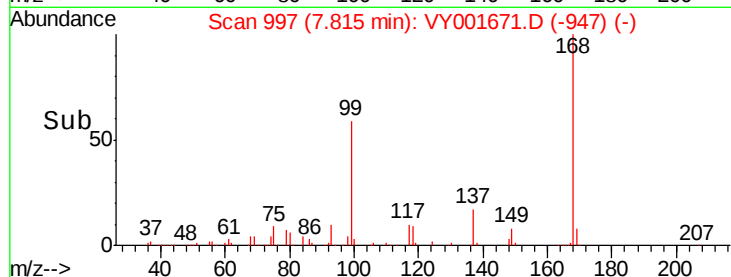
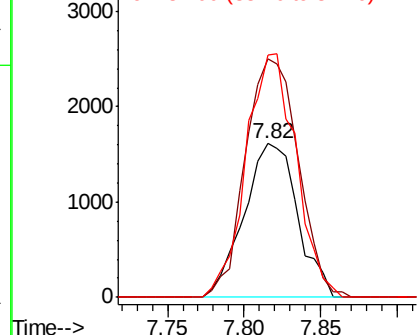
56 100

69 155.6 25.1 37.7#

84 158.2 66.9 100.3#



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: 54.697 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001671.D

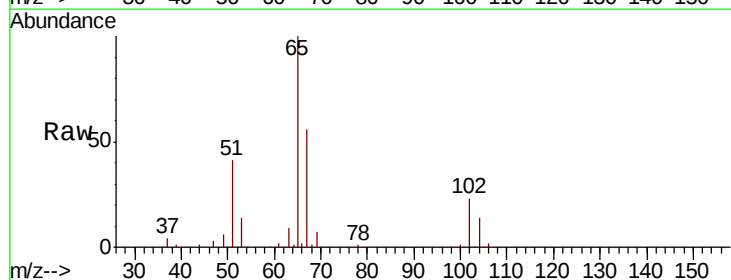
Acq: 18 Feb 2020 15:21

Tgt Ion: 65 Resp: 91358

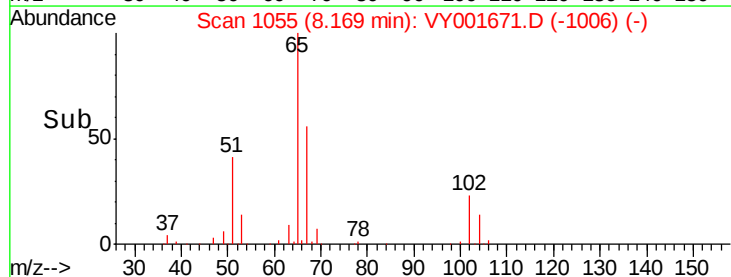
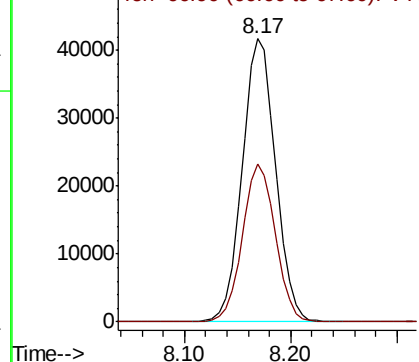
Ion Ratio Lower Upper

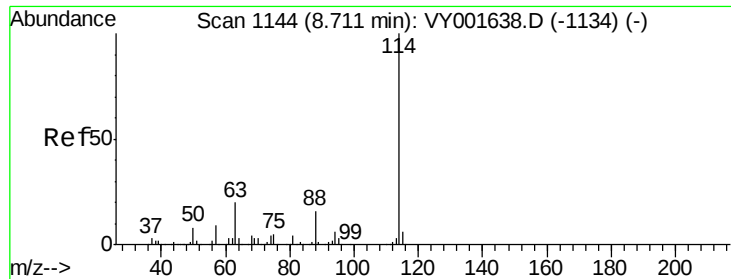
65 100

67 55.1 0.0 111.0



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

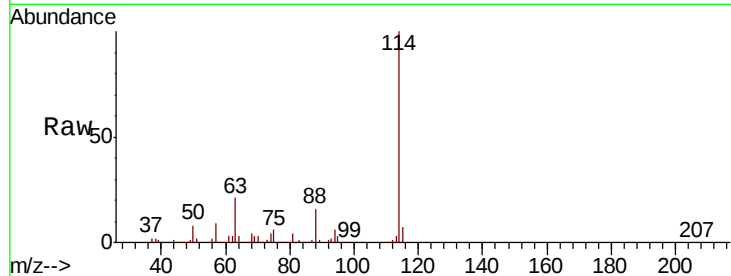




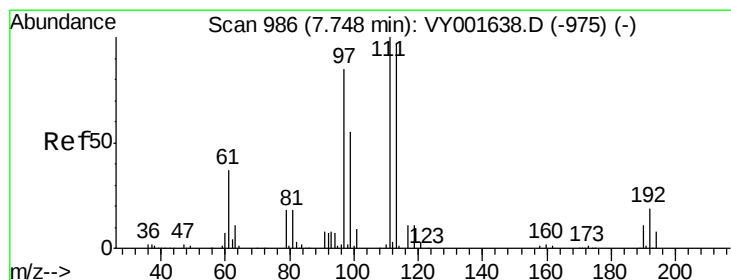
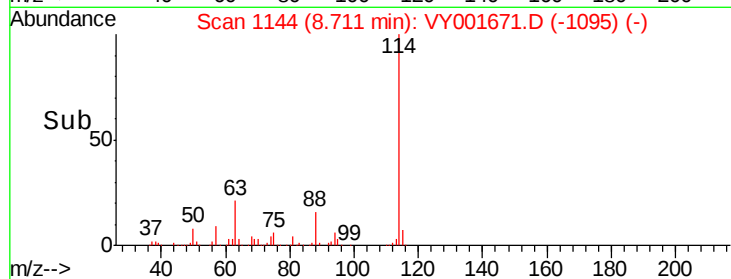
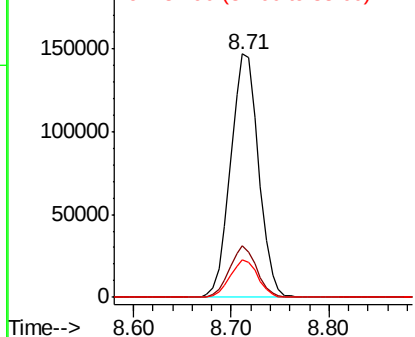
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001671.D
 Acq: 18 Feb 2020 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-007-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	15.7	0.0	32.8

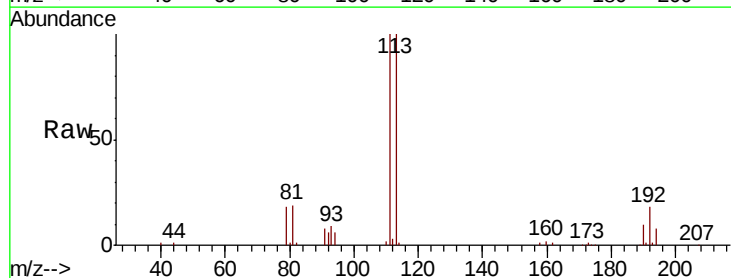


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

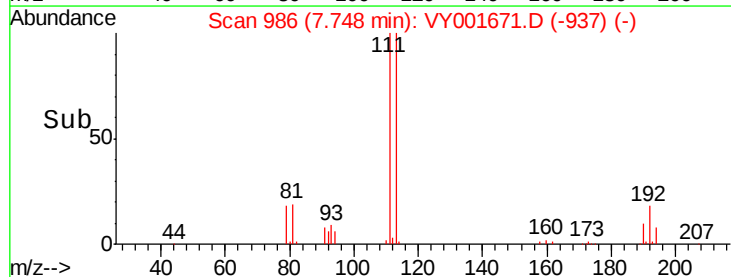
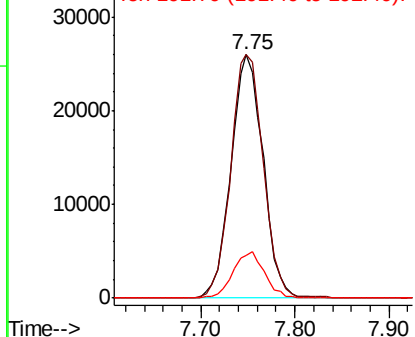


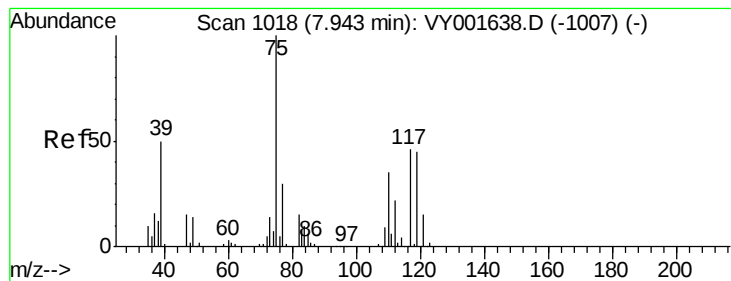
#35
 Dibromofluoromethane
 Concen: 36.859 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001671.D
 Acq: 18 Feb 2020 15:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	18.7	14.3	21.5



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: 4.782 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-007-B

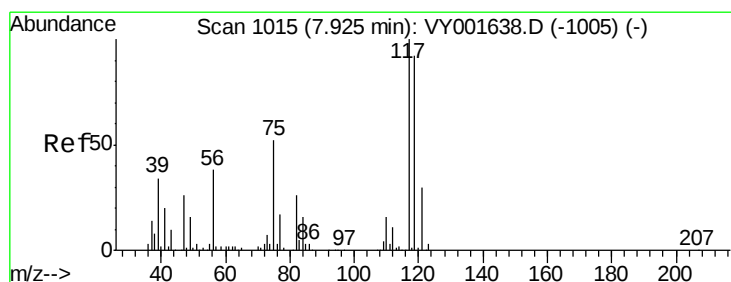
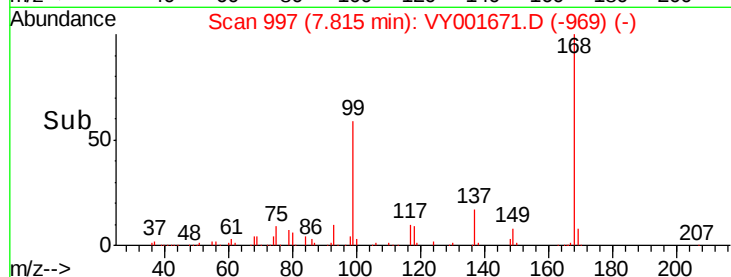
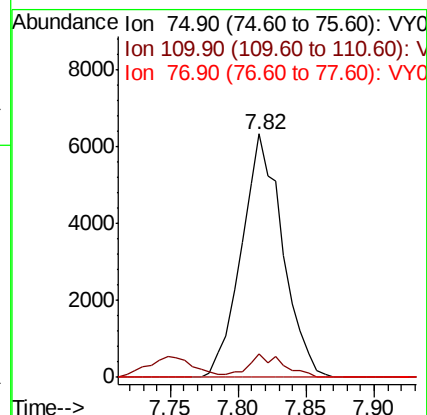
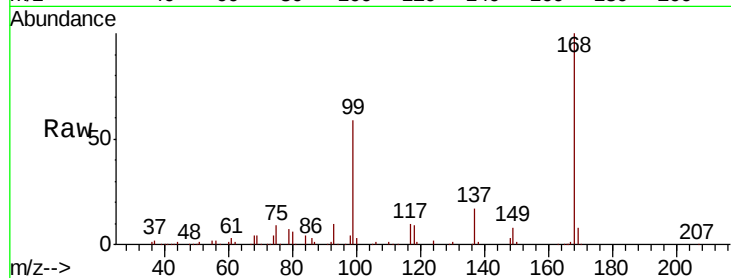
Tot Ion: 75 Resp: 13307

Ion Ratio Lower Upper

75 100

110 8.4 17.2 51.6#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

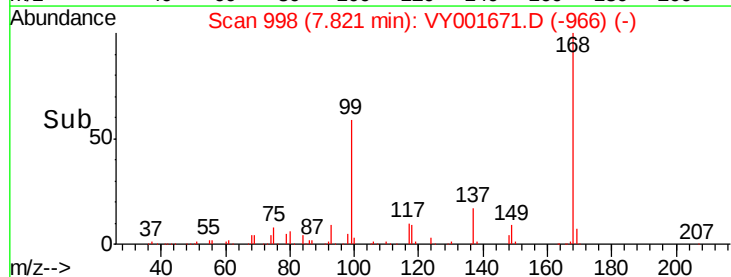
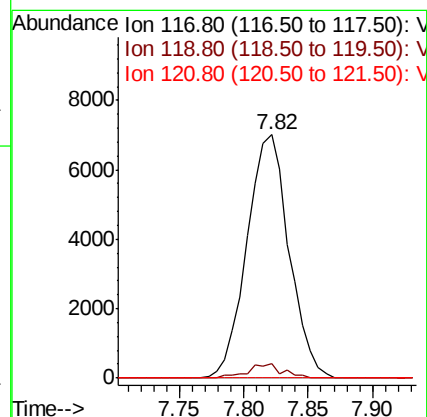
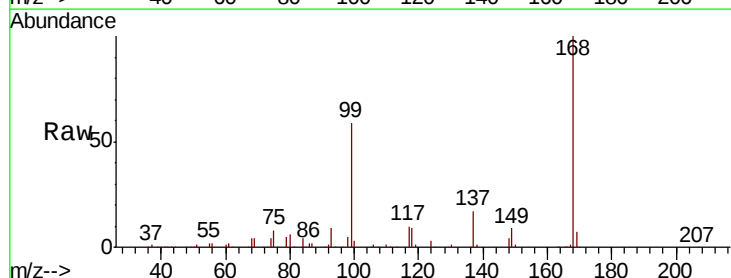
Tgt Ion: 117 Resp: 15854

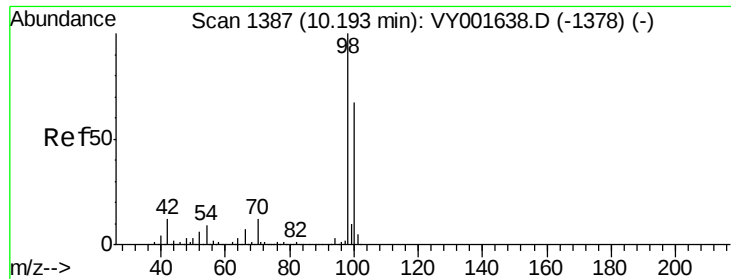
Ion Ratio Lower Upper

117 100

119 5.9 74.8 112.2#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 52.150 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

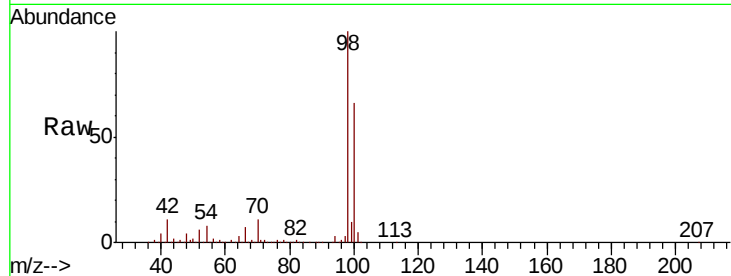
FK-SF-01-007-B

Tot Ion: 98 Resp: 340878

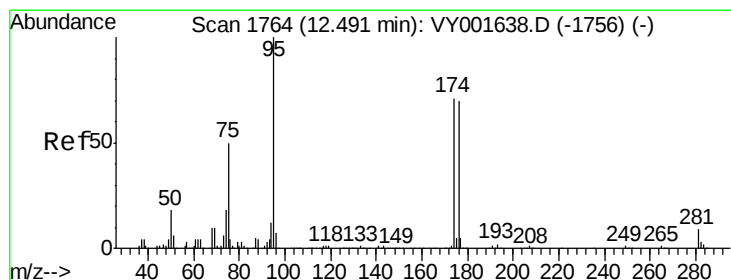
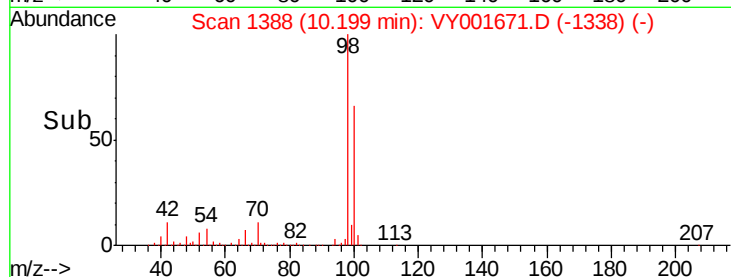
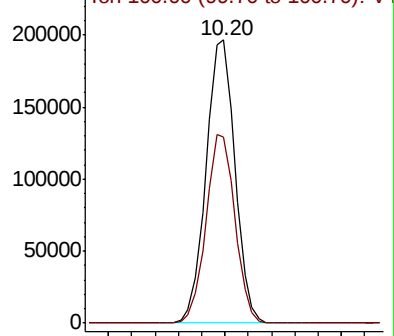
Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 43.570 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

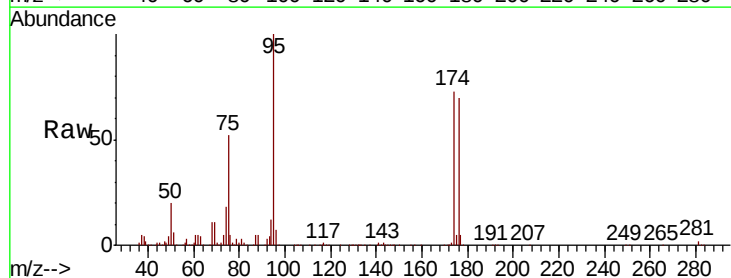
Tgt Ion: 95 Resp: 110642

Ion Ratio Lower Upper

95 100

174 74.7 0.0 138.4

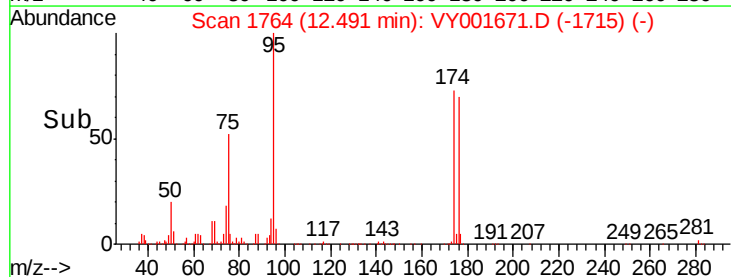
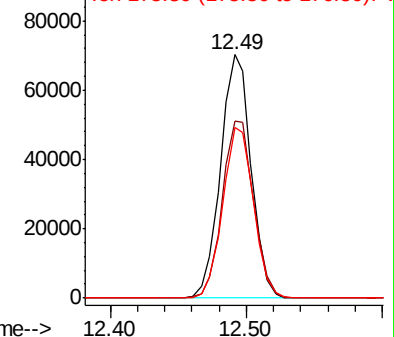
176 70.8 0.0 131.8

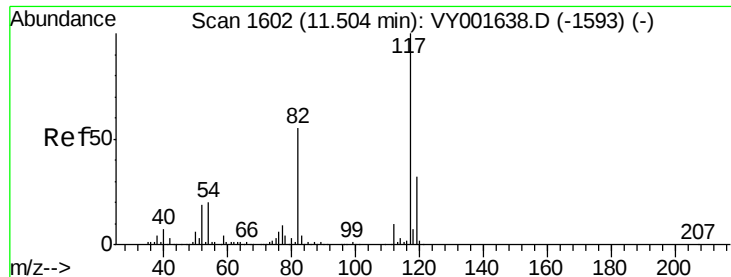


Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

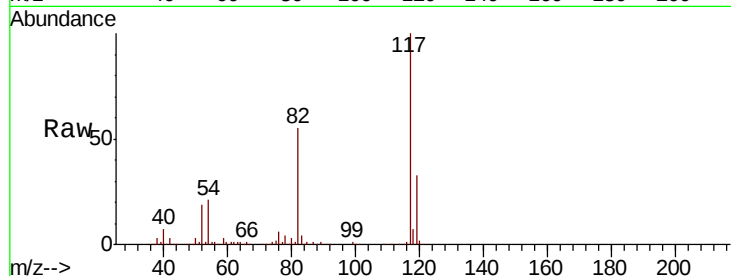




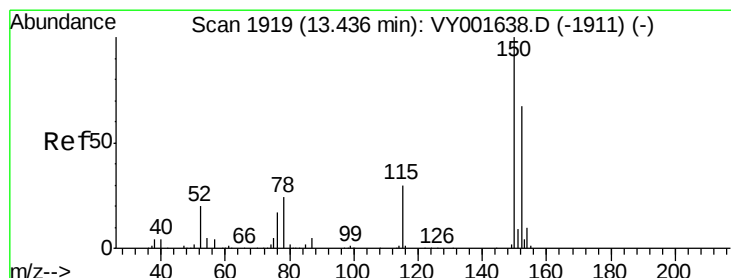
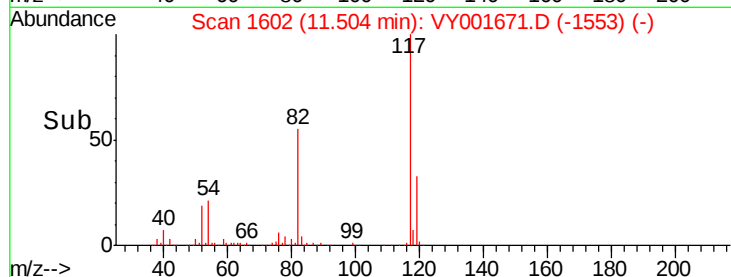
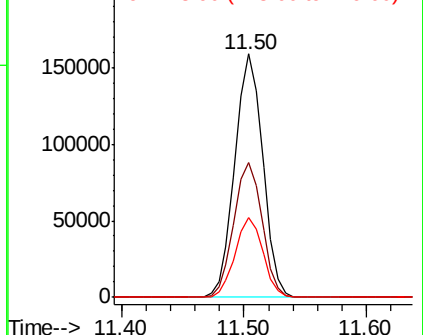
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001671.D
Acq: 18 Feb 2020 15:21

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-007-B

Tot Ion:117 Resp: 251632
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 32.5 25.8 38.6

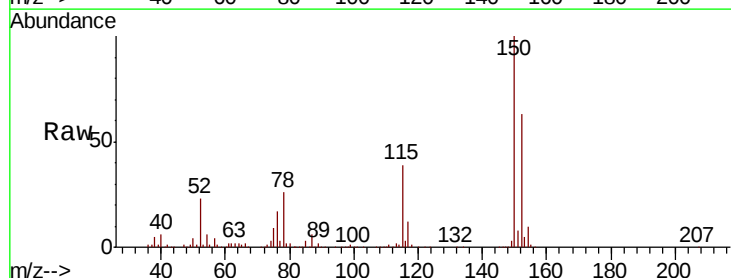


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

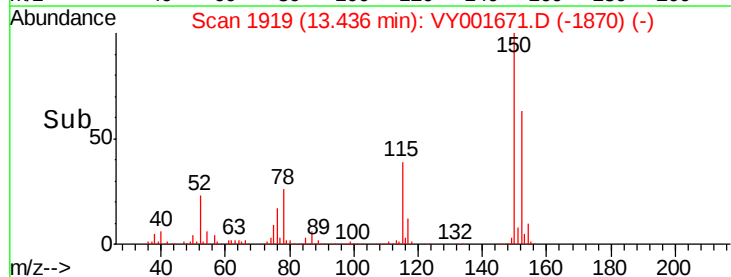
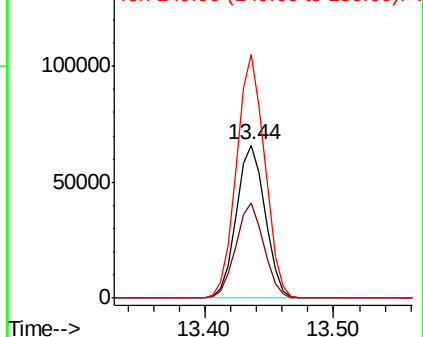


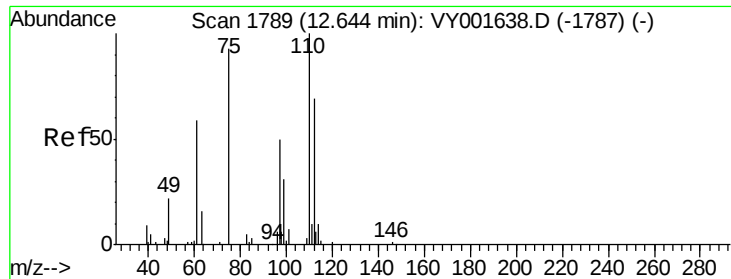
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001671.D
Acq: 18 Feb 2020 15:21

Tgt Ion:152 Resp: 101735
Ion Ratio Lower Upper
152 100
115 61.1 31.4 94.2
150 157.3 0.0 407.2



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: 48.019 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

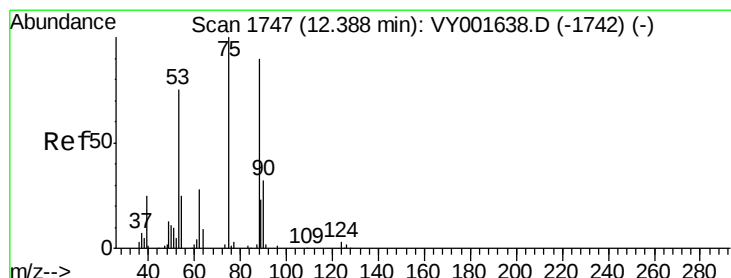
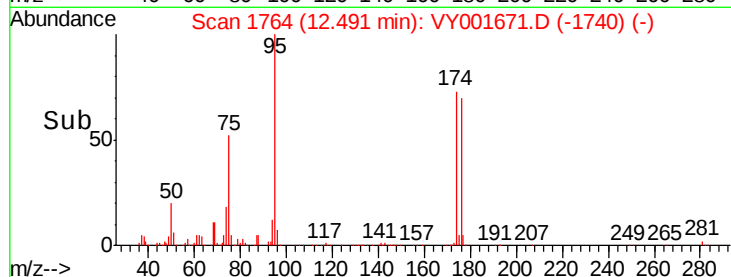
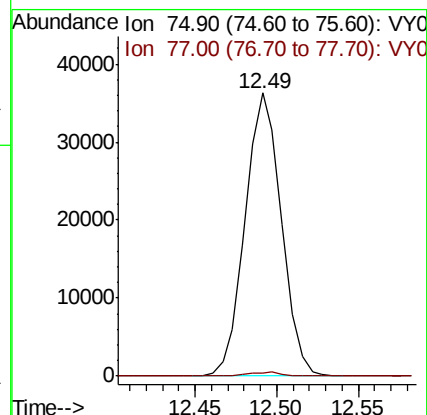
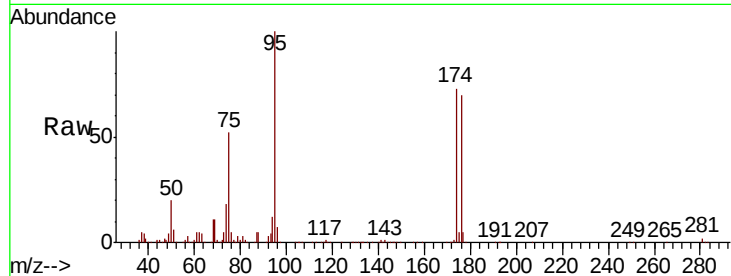
FK-SF-01-007-B

Tot Ion: 75 Resp: 56040

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.101 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

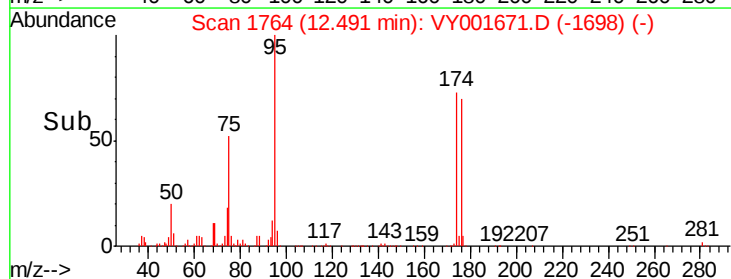
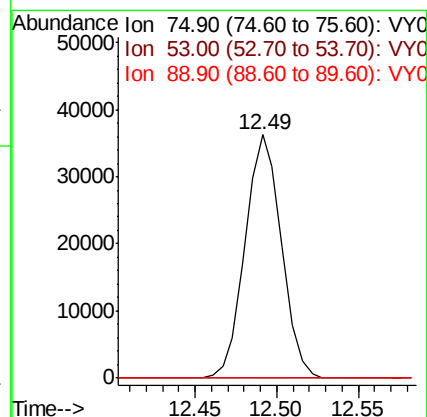
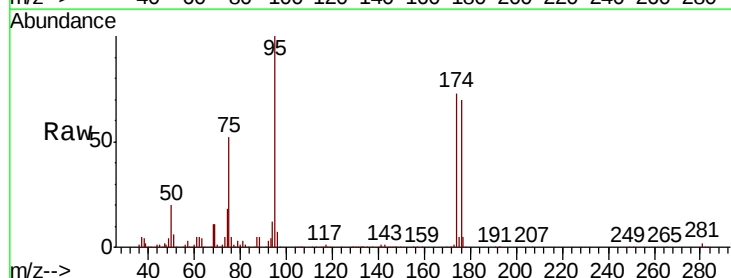
Tgt Ion: 75 Resp: 56040

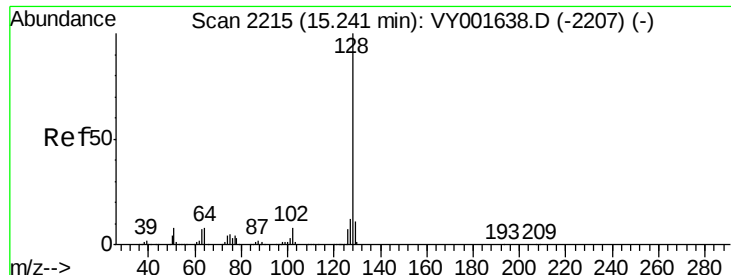
Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

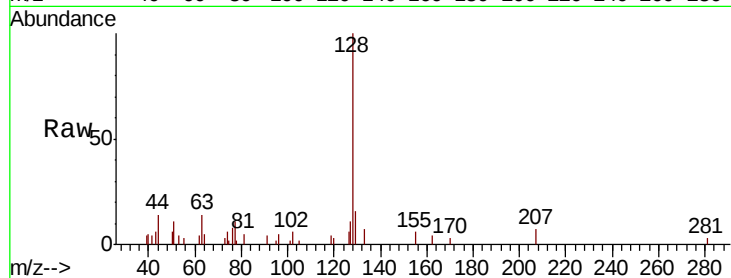




#95
Naphthalene
Concen: 1.027 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001671.D
Acq: 18 Feb 2020 15:21

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-007-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	9.9	14.9#
129	11.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

