

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001673.D
 Acq On : 18 Feb 2020 16:05
 Operator : SY/MD
 Sample : L1552-02
 Misc : 6.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-008-A

Quant Time: Feb 19 06:47:06 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	158043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	102762	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	93702	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	
35) Dibromofluoromethane	7.74	113	63395	38.45	ug/l	0.00
Spiked Amount			Recovery	=	76.90%	
50) Toluene-d8	10.19	98	343664	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.49	95	112558	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	

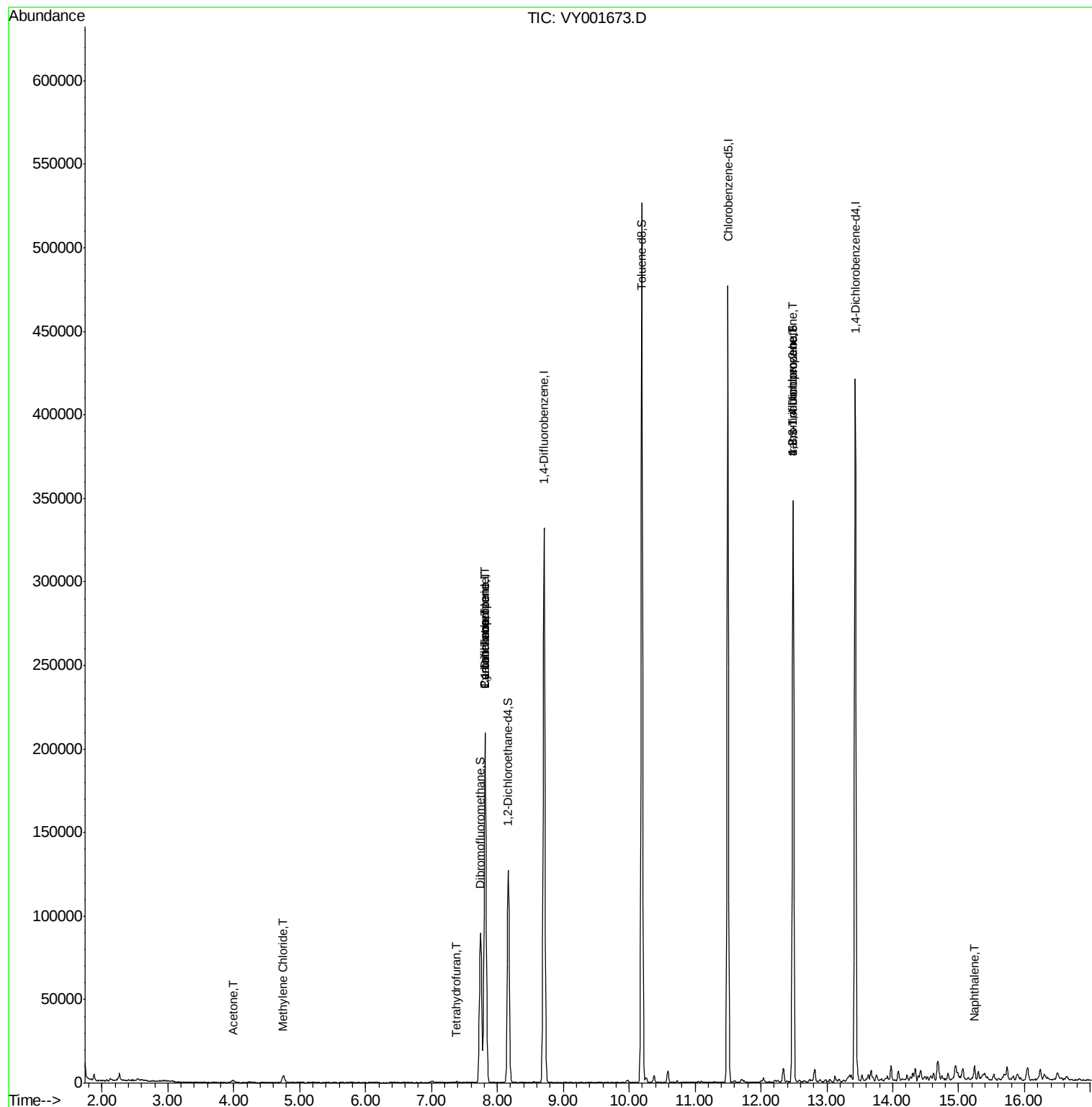
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.93	59	33	Below Cal	#	74
16) Acetone	3.99	43	2619	4.452	ug/l	92
20) Methylene Chloride	4.75	84	3008	1.440	ug/l	96
29) Tetrahydrofuran	7.38	42	484	1.002	ug/l #	69
31) Cyclohexane	7.81	56	4133	1.157	ug/l #	12
36) 1,1-Dichloropropene	7.82	75	12712	4.623	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15697	6.499	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	56660	48.065	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56660	91.188	ug/l #	17
95) Naphthalene	15.24	128	5853	1.261	ug/l #	91

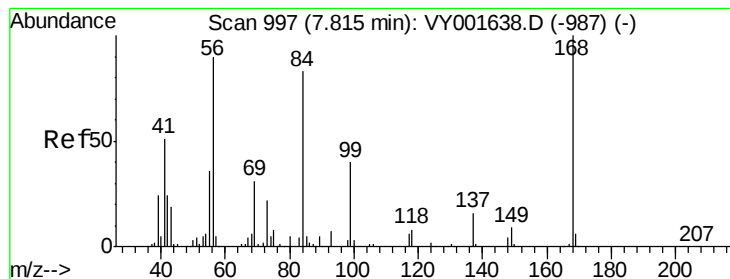
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001673.D

Acq: 18 Feb 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

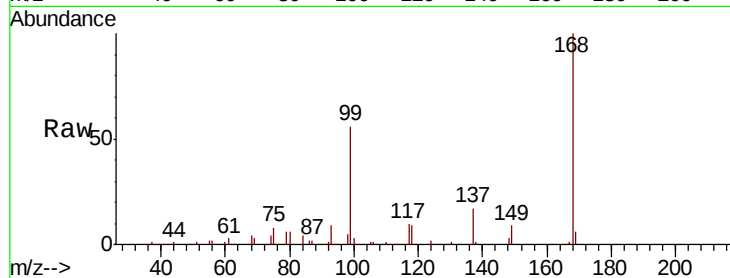
FK-SF-01-008-A

Tot Ion:168 Resp: 158043

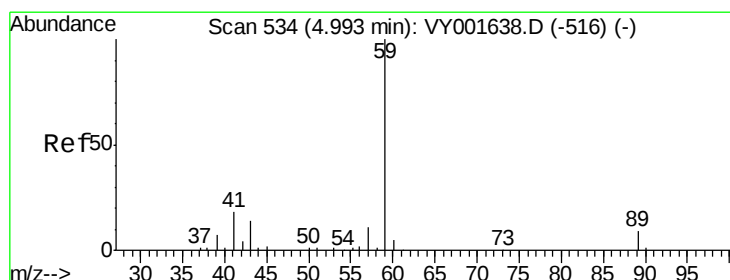
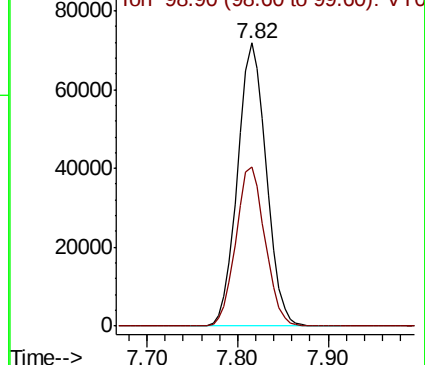
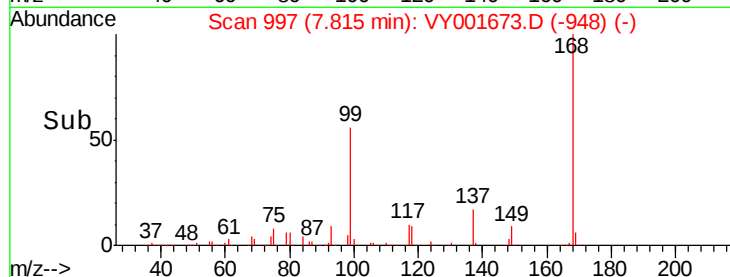
Ion Ratio Lower Upper

168 100

99 56.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001673.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.93 min Scan# 524

Delta R.T. -0.06 min

Lab File: VY001673.D

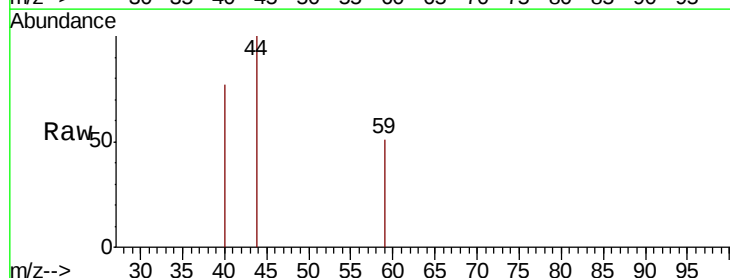
Acq: 18 Feb 2020 16:05

Tgt Ion: 59 Resp: 33

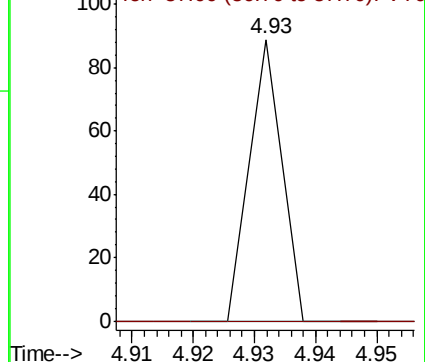
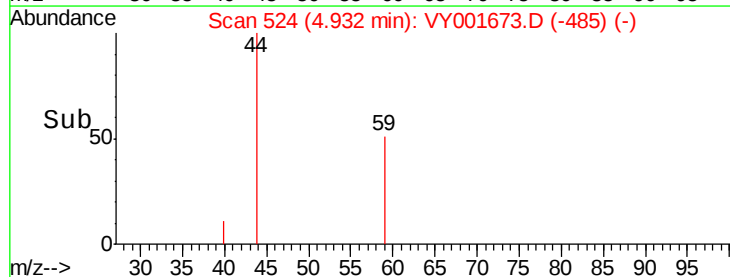
Ion Ratio Lower Upper

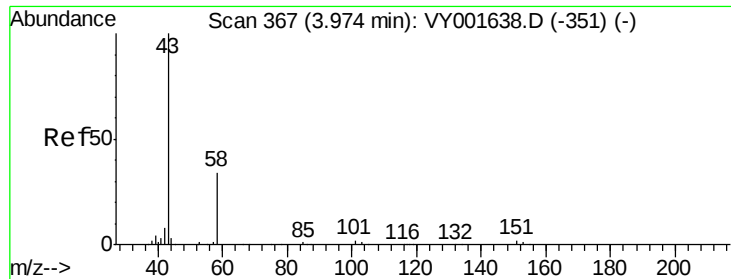
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001673.D (-485) (-)





#16

Acetone

Concen: 4.452 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001673.D

Acq: 18 Feb 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

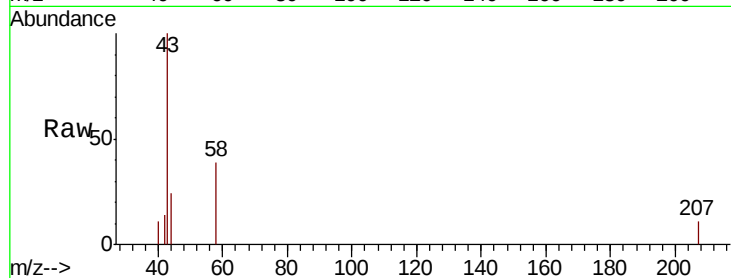
FK-SF-01-008-A

Tot Ion: 43 Resp: 2619

Ion Ratio Lower Upper

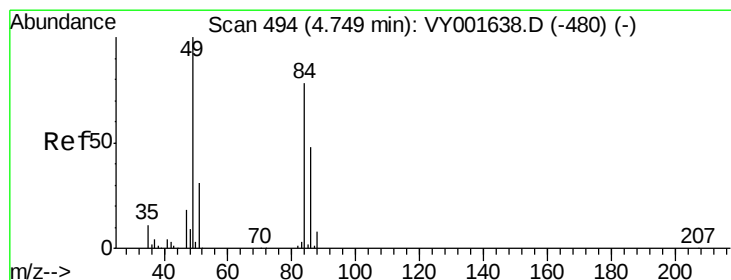
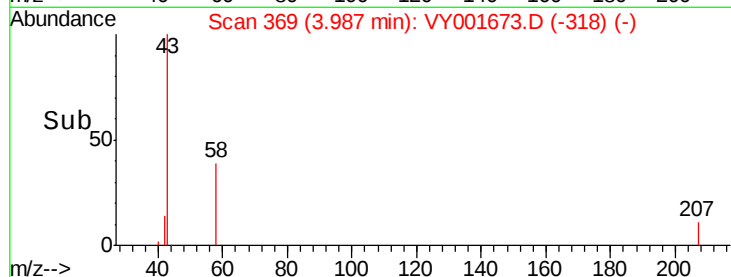
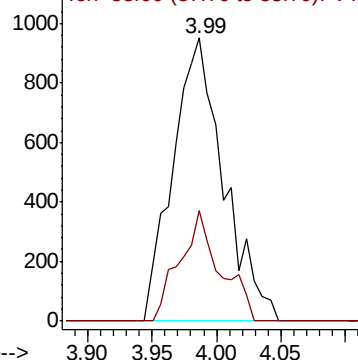
43 100

58 38.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 1.440 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001673.D

Acq: 18 Feb 2020 16:05

Tgt Ion: 84 Resp: 3008

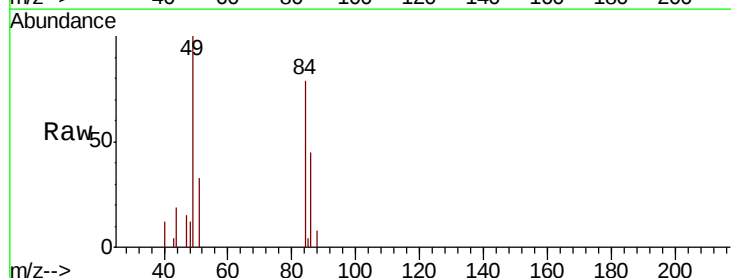
Ion Ratio Lower Upper

84 100

49 126.6 99.2 148.8

51 41.8 31.5 47.3

86 56.6 51.0 76.6

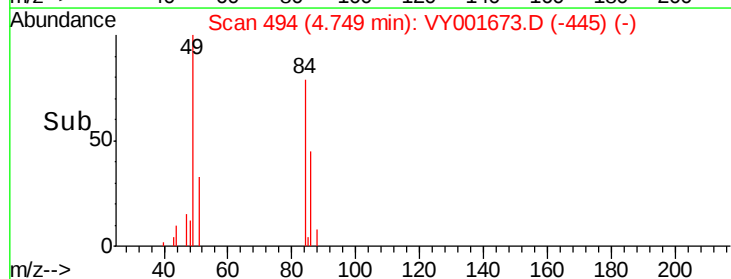
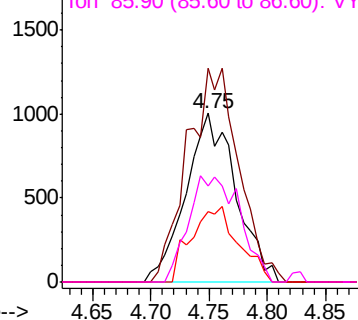


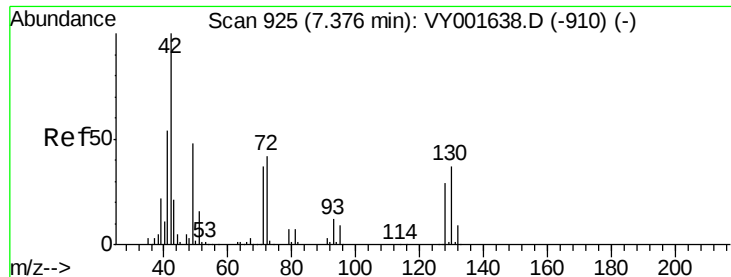
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

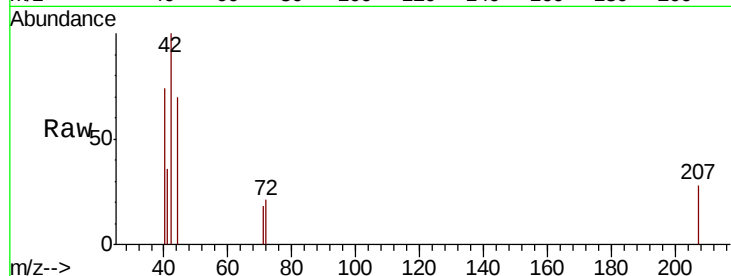




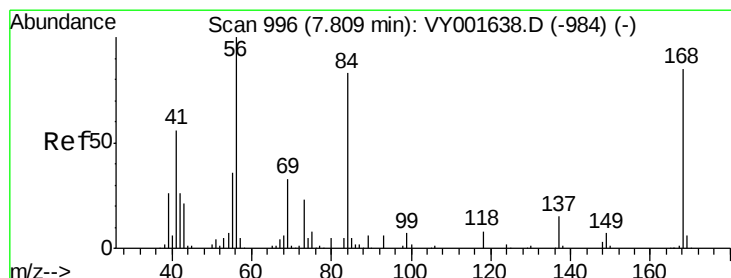
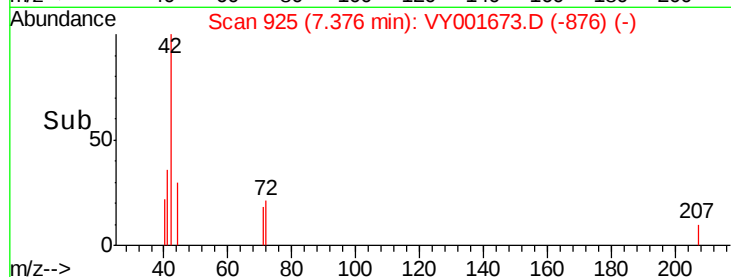
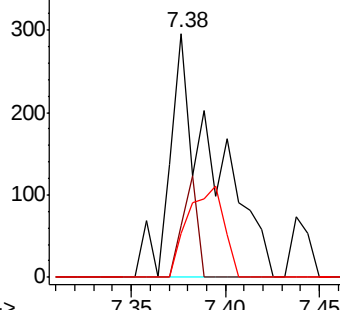
#29
Tetrahydrofuran
Concen: 1.002 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Instrument :
MSVOA_Y
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FK-SF-01-008-A

Tot Ion: 42 Resp: 484
Ion Ratio Lower Upper
42 100
72 14.0 34.4 51.6#
71 30.4 31.8 47.8#

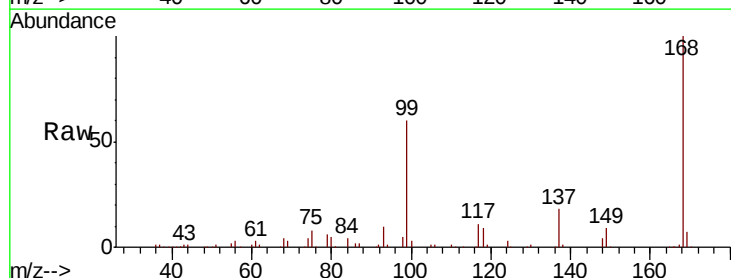


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

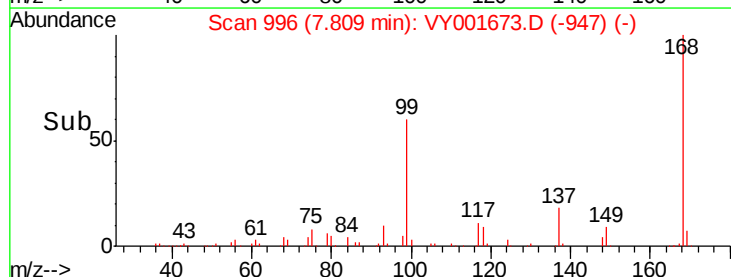
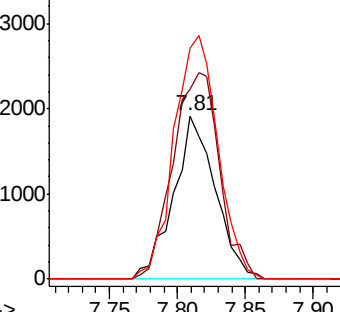


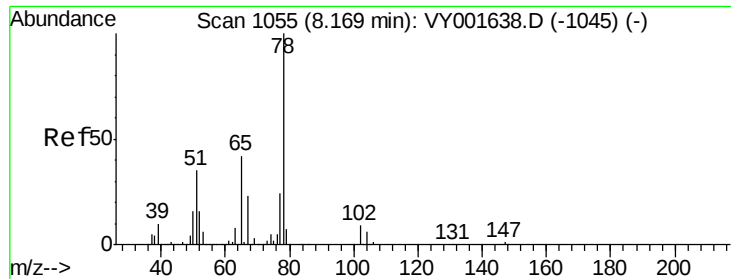
#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Tgt Ion: 56 Resp: 4133
Ion Ratio Lower Upper
56 100
69 116.6 25.1 37.7#
84 141.2 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

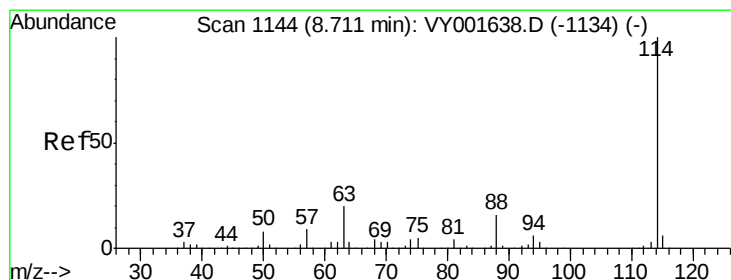
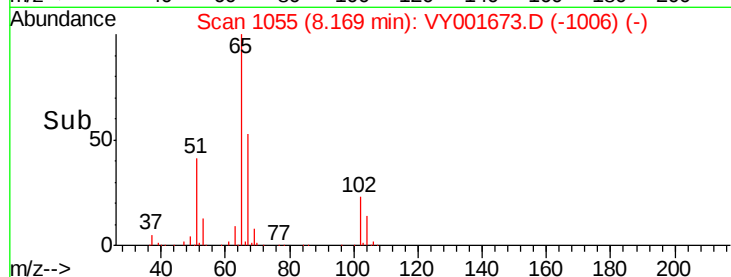
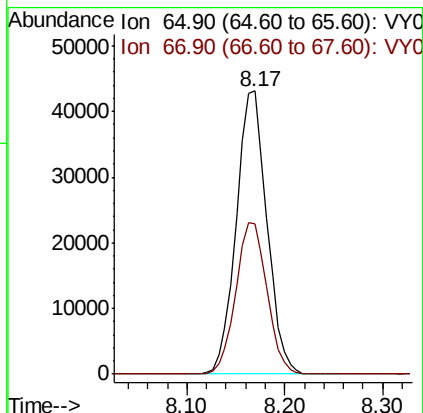
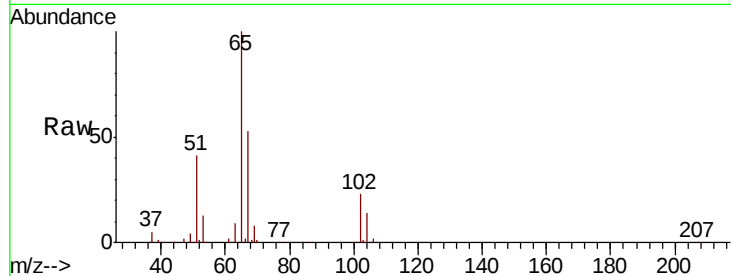




#33
 1,2-Dichloroethane-d4
 Concen: 55.119 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001673.D
 Acq: 18 Feb 2020 16:05

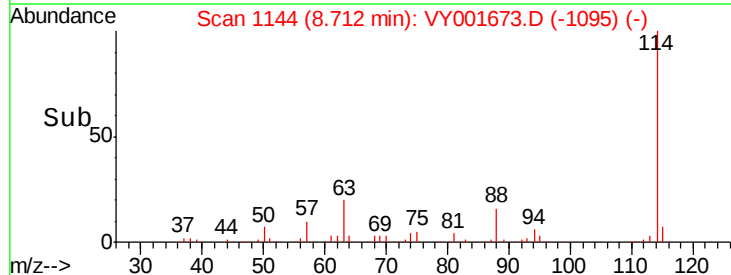
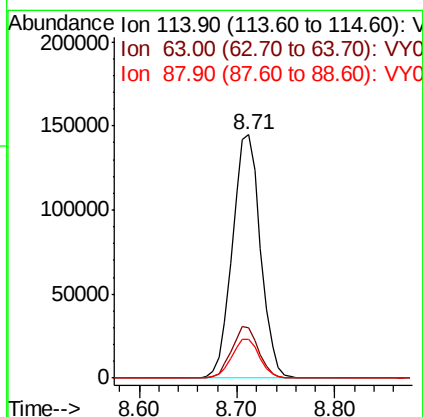
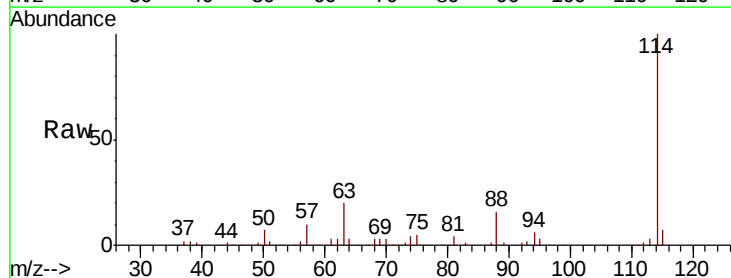
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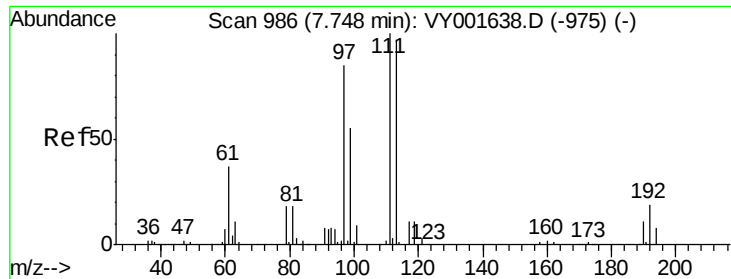
Tot Ion: 65 Resp: 93702
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001673.D
 Acq: 18 Feb 2020 16:05

Tgt Ion: 114 Resp: 287857
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 16.1 0.0 32.8

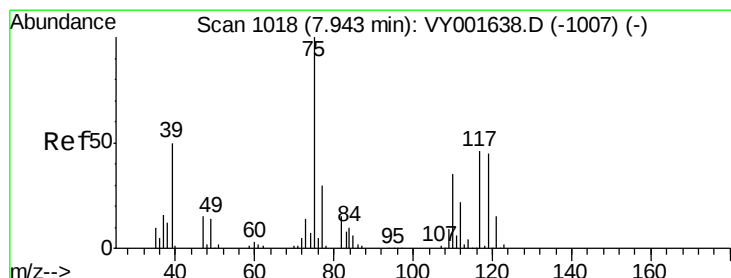
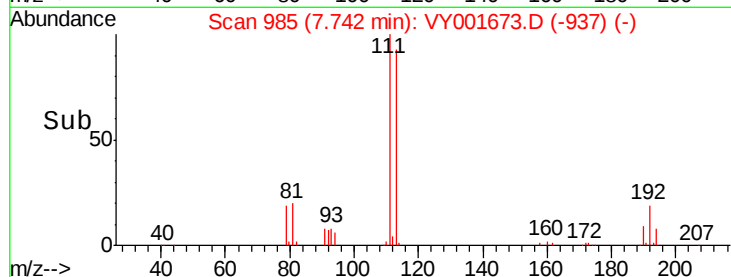
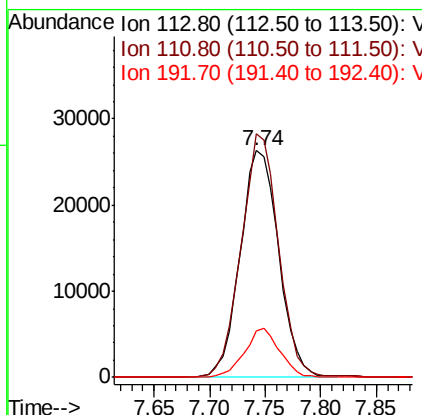
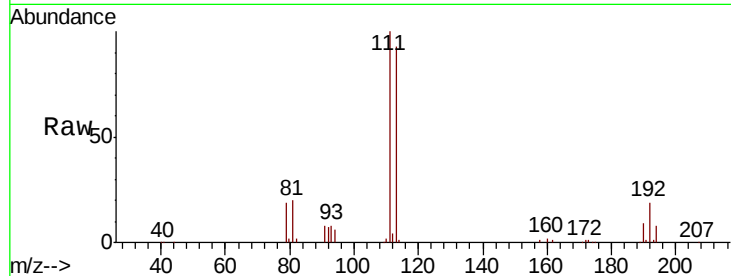




#35
 Dibromofluoromethane
 Concen: 38.451 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001673.D
 Acq: 18 Feb 2020 16:05

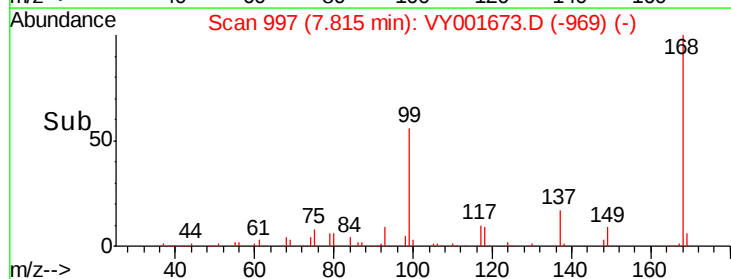
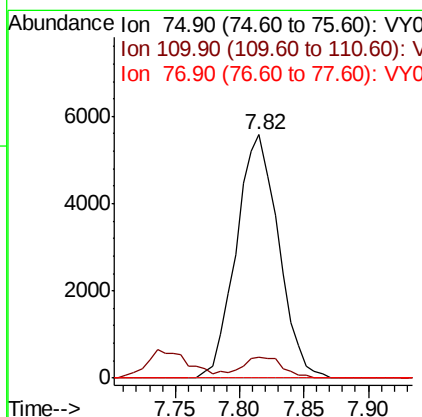
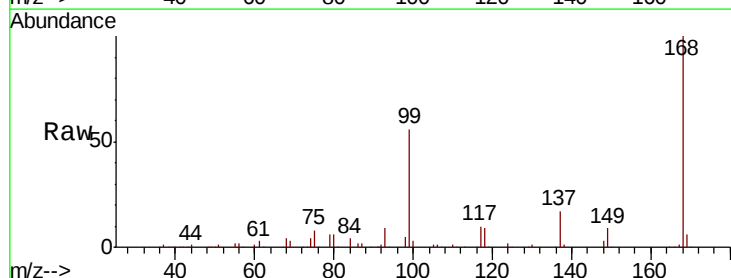
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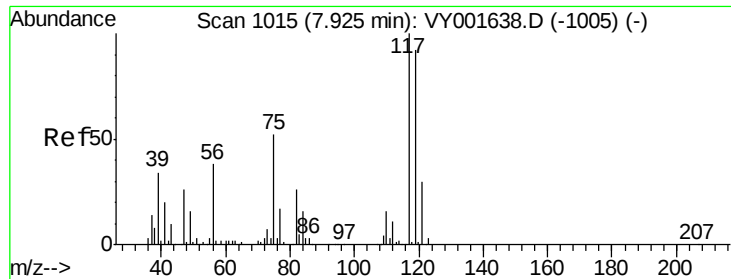
Tot Ion:113 Resp: 63395
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.9 122.9
 192 19.5 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.623 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001673.D
 Acq: 18 Feb 2020 16:05

Tgt Ion: 75 Resp: 12712
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.2 51.6#
 77 0.0 24.8 37.2#

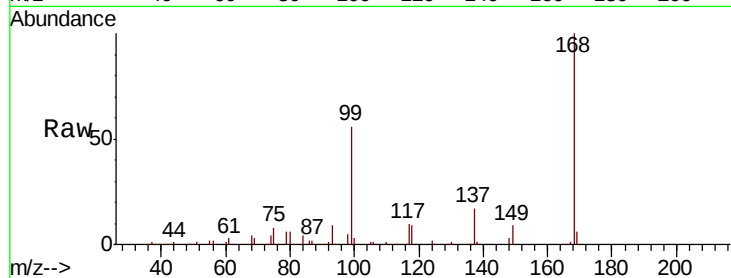




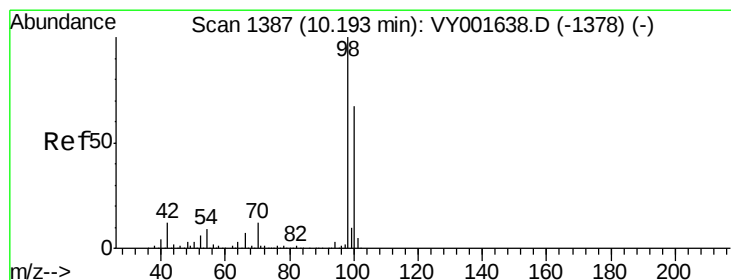
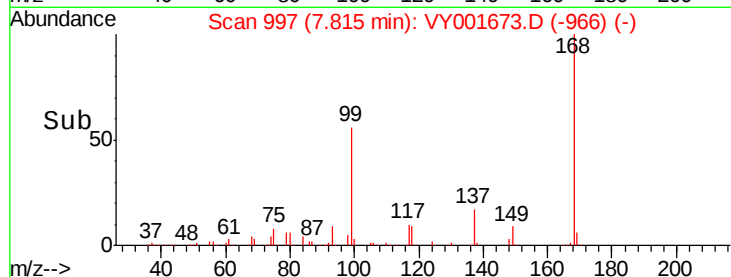
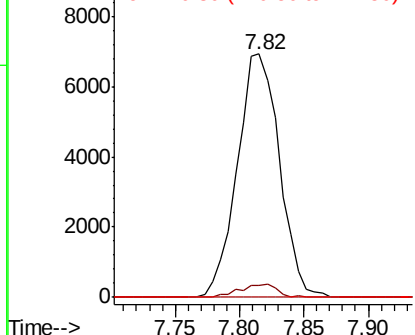
#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-008-A

Tot Ion:117 Resp: 15697
Ion Ratio Lower Upper
117 100
119 4.8 74.8 112.2#
121 0.0 23.8 35.6#

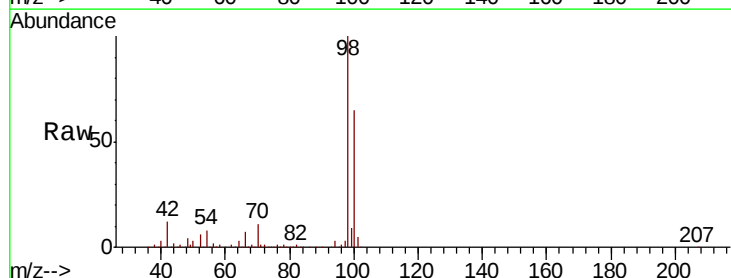


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

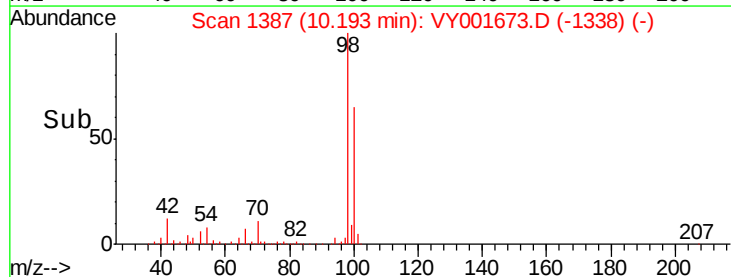
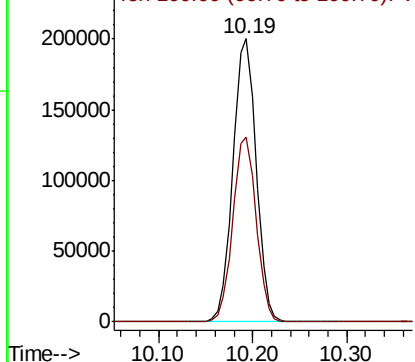


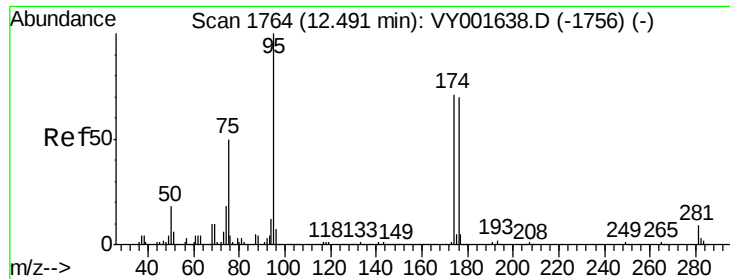
#50
Toluene-d8
Concen: 53.206 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Tgt Ion: 98 Resp: 343664
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



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

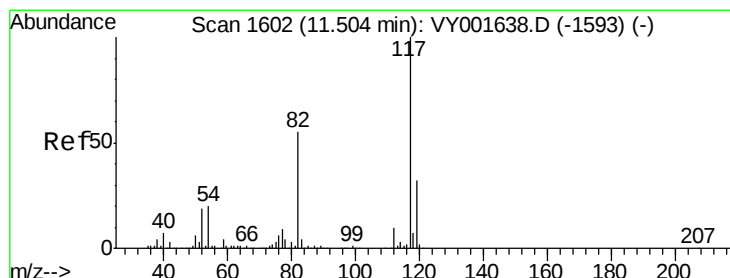
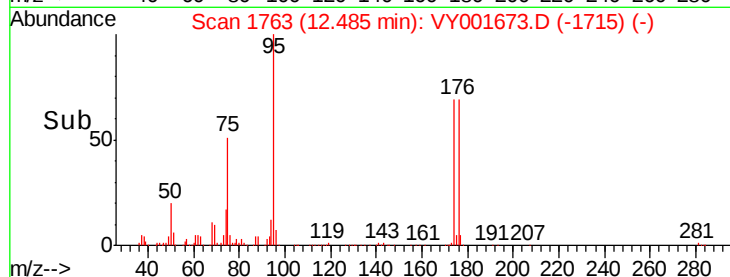
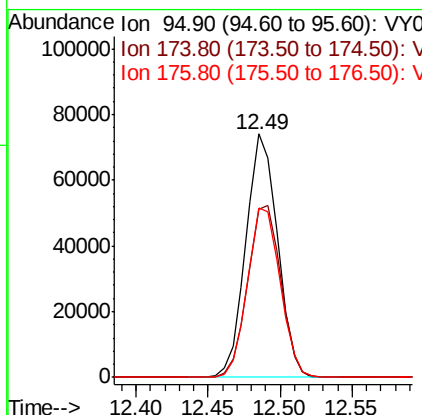
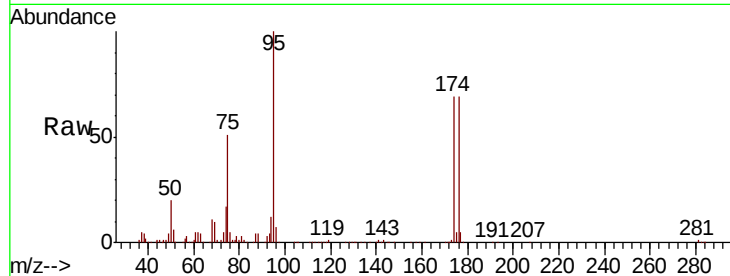




#62
4-Bromofluorobenzene
Concen: 44.856 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

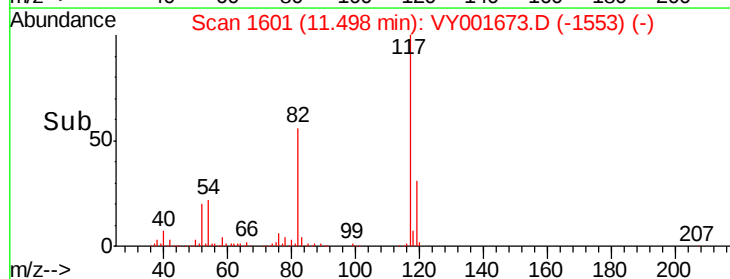
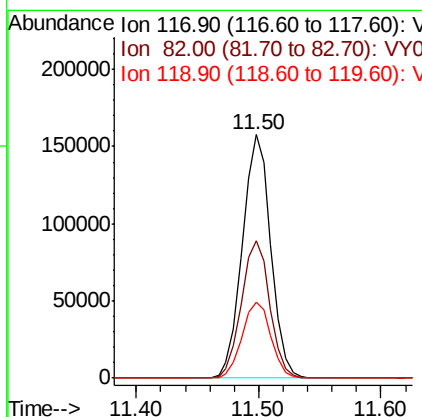
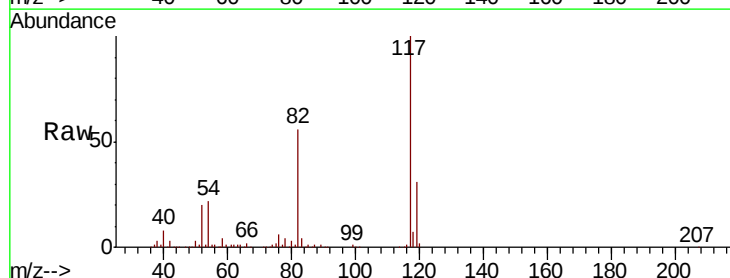
Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-008-A

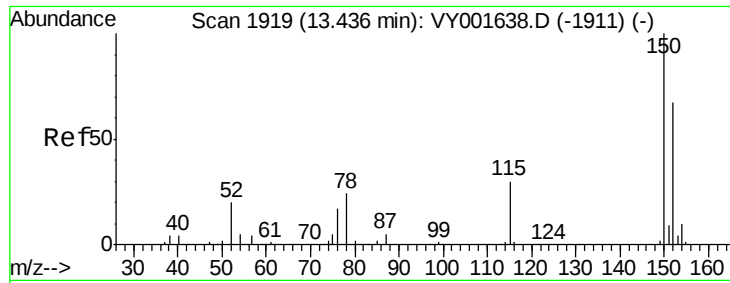
Tot Ion	95	Resp	112558
Ion Ratio	Lower	Upper	
95	100		
174	73.9	0.0	138.4
176	72.0	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Tgt Ion	117	Resp	252702
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.5	68.3
119	31.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001673.D

Acq: 18 Feb 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-008-A

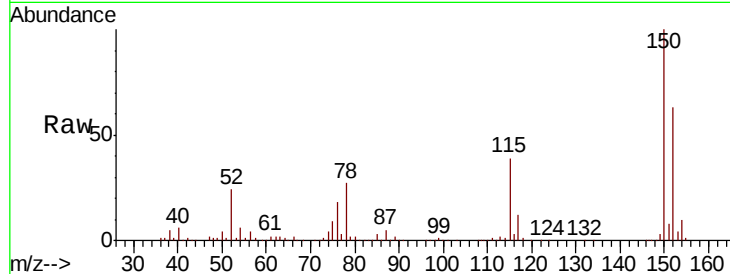
Tot Ion:152 Resp: 102762

Ion Ratio Lower Upper

152 100

115 60.3 31.4 94.2

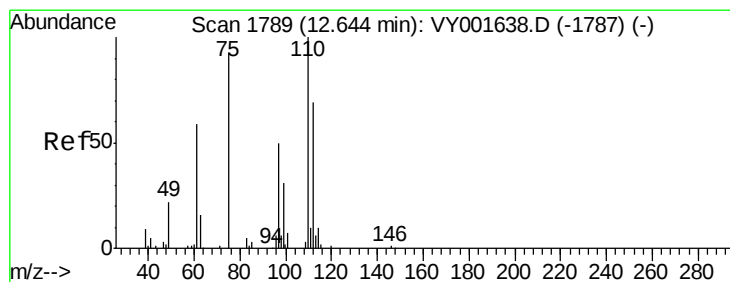
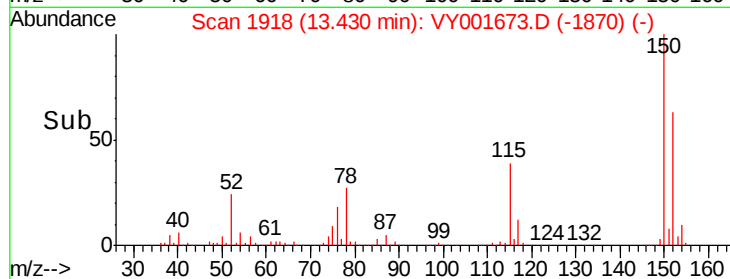
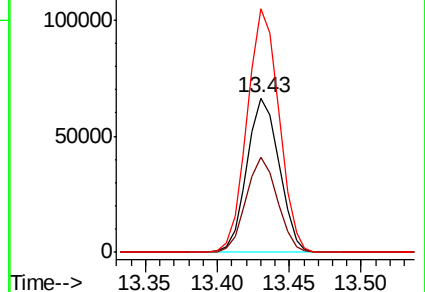
150 156.0 0.0 407.2



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: 48.065 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001673.D

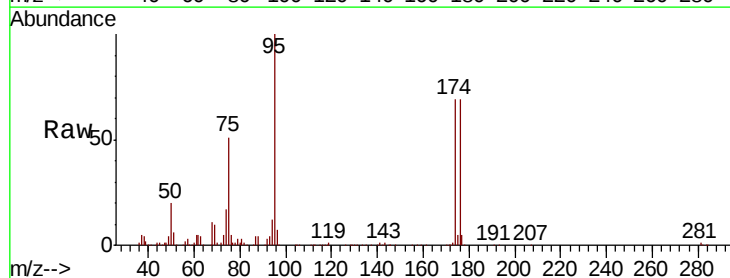
Acq: 18 Feb 2020 16:05

Tgt Ion: 75 Resp: 56660

Ion Ratio Lower Upper

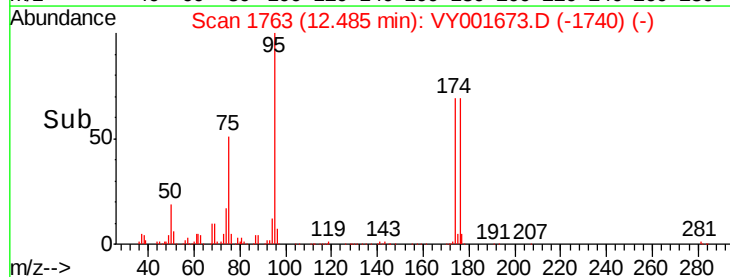
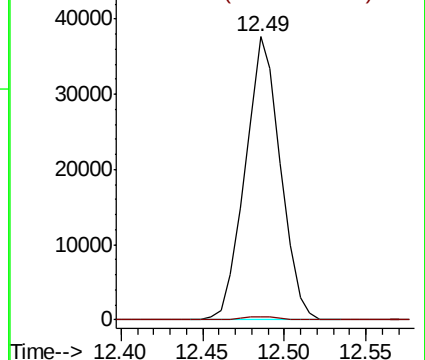
75 100

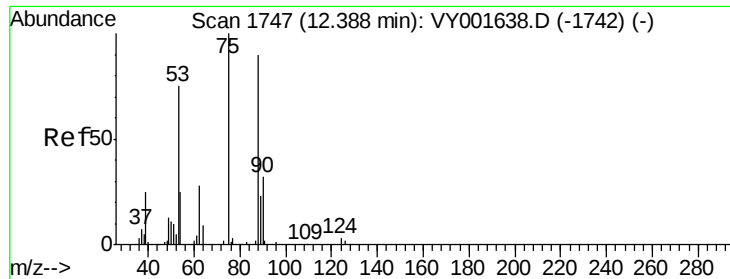
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

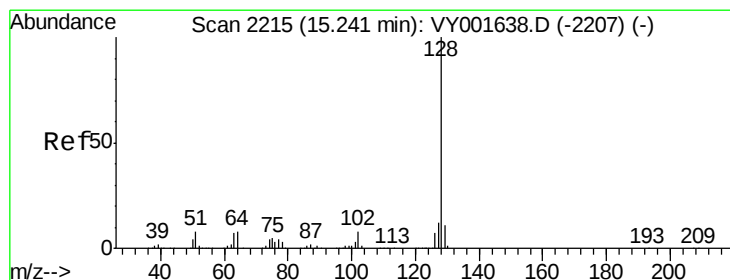
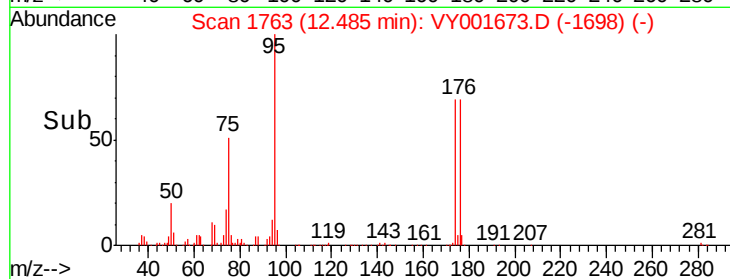
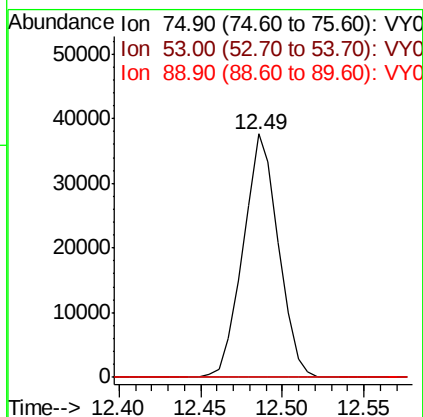
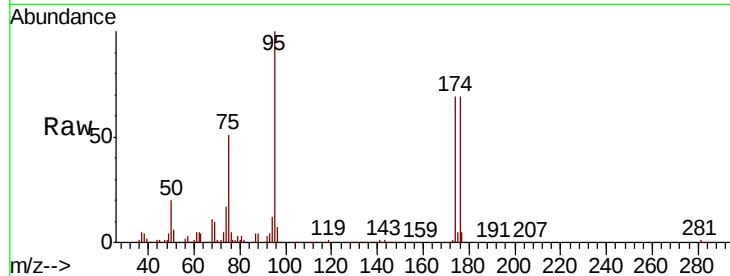




#81
trans-1,4-Dichloro-2-butene
Concen: 91.188 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-008-A

Tot Ion: 75 Resp: 56660
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 1.261 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001673.D
Acq: 18 Feb 2020 16:05

Tgt Ion: 128 Resp: 5853
Ion Ratio Lower Upper
128 100
127 16.7 9.9 14.9#
129 13.4 8.6 13.0#

