

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001967.D
 Acq On : 12 Mar 2020 20:10
 Operator : SY/MD
 Sample : L1913-13
 Misc : 8.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B4

Quant Time: Mar 13 05:43:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	160833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104220	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	99518	57.96	ug/l	0.00
Spiked Amount			Recovery	=	115.92%	
35) Dibromofluoromethane	7.75	113	89387	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
50) Toluene-d8	10.19	98	367649	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.49	95	118508	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	

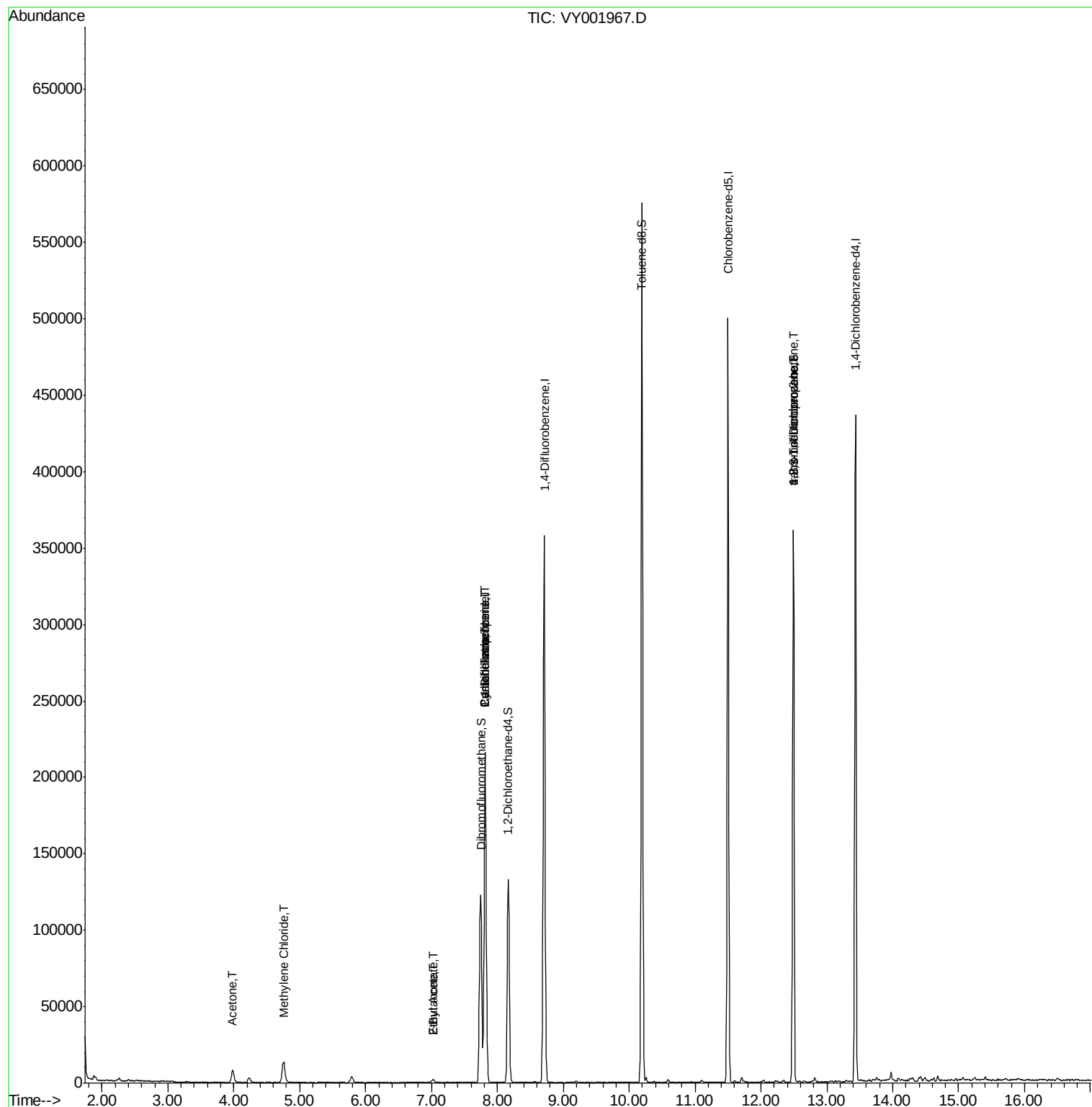
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	31	Below Cal	#	74
16) Acetone	3.98	43	14760	29.51	ug/l	99
20) Methylene Chloride	4.76	84	10264	4.79	ug/l	96
25) 2-Butanone	7.02	43	3165	4.16	ug/l	# 83
31) Cyclohexane	7.81	56	3892	1.03	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	13764	4.69	ug/l	# 50
37) Ethyl Acetate	7.02	43	3165	1.86	ug/l	# 69
38) Carbon Tetrachloride	7.82	117	15978	6.37	ug/l	# 17
76) 1,2,3-Trichloropropane	12.49	75	59759	48.32	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	59759	97.61	ug/l	# 17

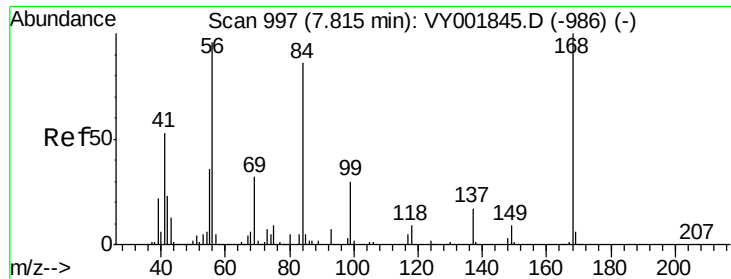
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
Data File : VY001967.D
Acq On : 12 Mar 2020 20:10
Operator : SY/MD
Sample : L1913-13
Misc : 8.30G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-0-1-GRAB-B4

Quant Time: Mar 13 05:43:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

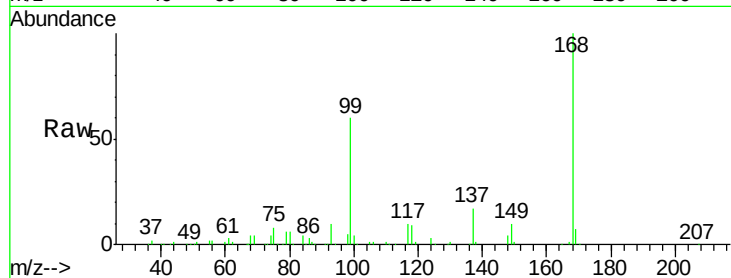
MK-031220-0-1-GRAB-B4

Tgt Ion:168 Resp: 160833

Ion Ratio Lower Upper

168 100

99 60.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001967.D

Ion 98.90 (98.60 to 99.60): VY001967.D

7.82

60000

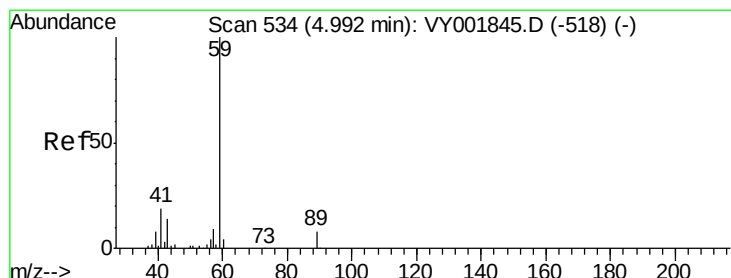
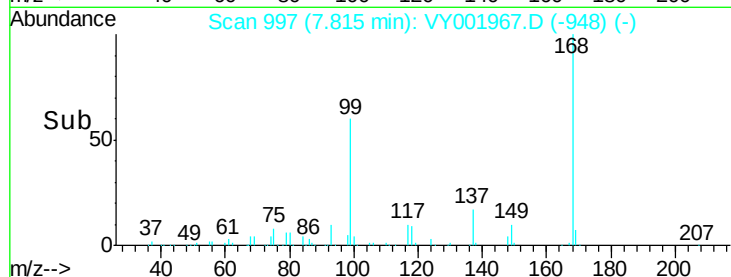
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001967.D

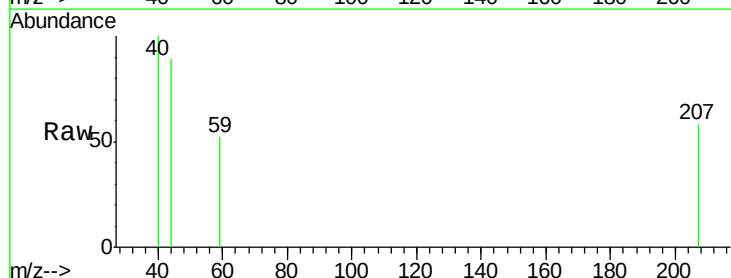
Acq: 12 Mar 2020 20:10

Tgt Ion: 59 Resp: 31

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001967.D

Ion 57.00 (56.70 to 57.70): VY001967.D

4.99

100

80

60

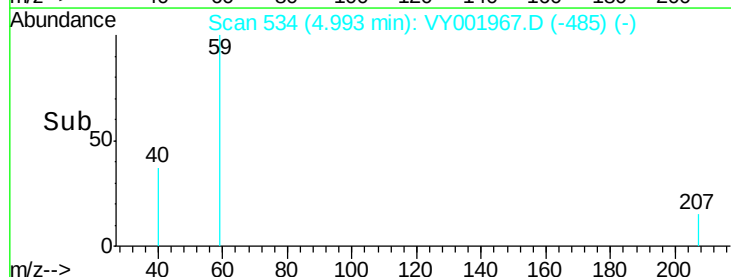
40

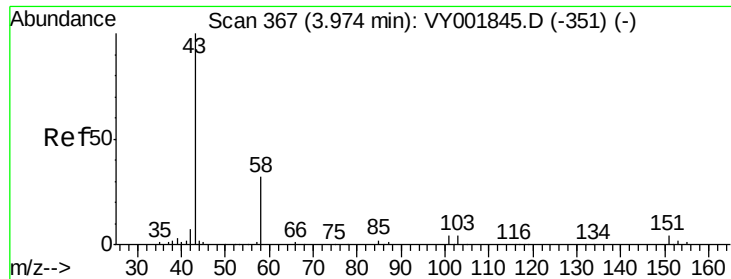
20

0

4.98 4.99 5.00 5.01

Time-->





#16

Acetone

Concen: 29.51 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

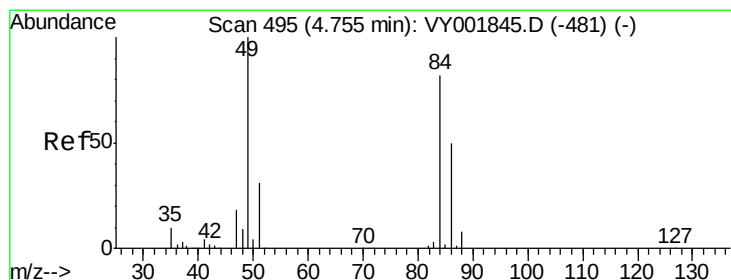
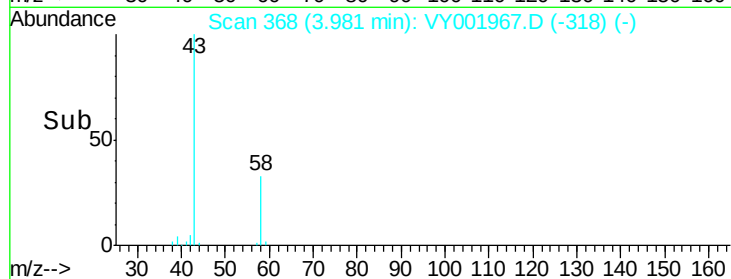
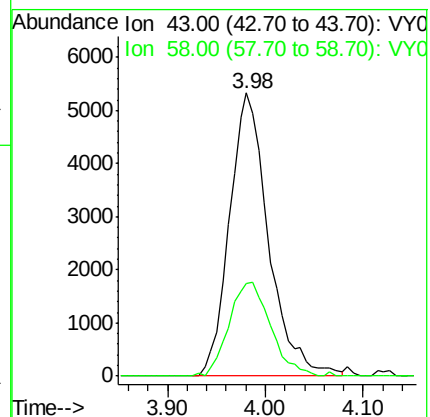
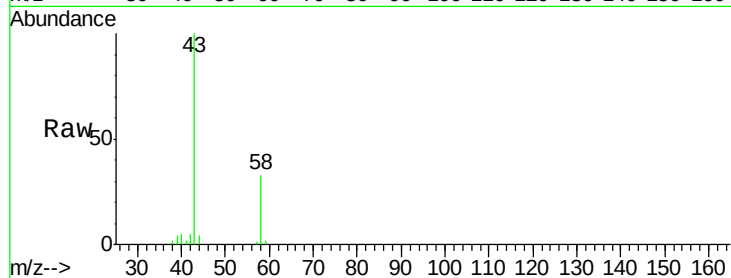
MK-031220-0-1-GRAB-B4

Tgt Ion: 43 Resp: 14760

Ion Ratio Lower Upper

43 100

58 32.9 25.9 38.9



#20

Methylene Chloride

Concen: 4.79 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

Tgt Ion: 84 Resp: 10264

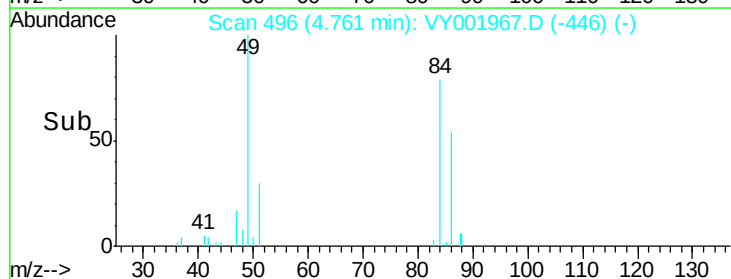
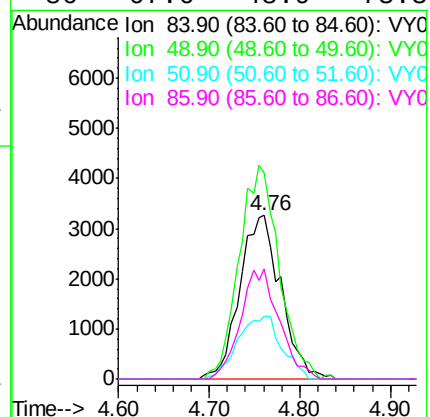
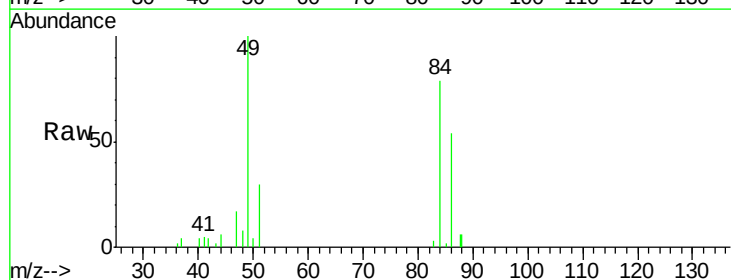
Ion Ratio Lower Upper

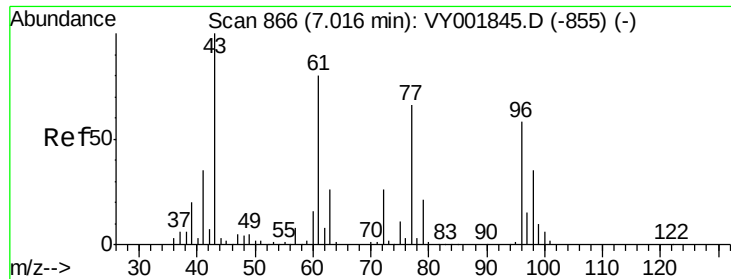
84 100

49 126.0 98.2 147.2

51 38.2 30.2 45.2

86 67.6 48.9 73.3





#25

2-Butanone

Concen: 4.16 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

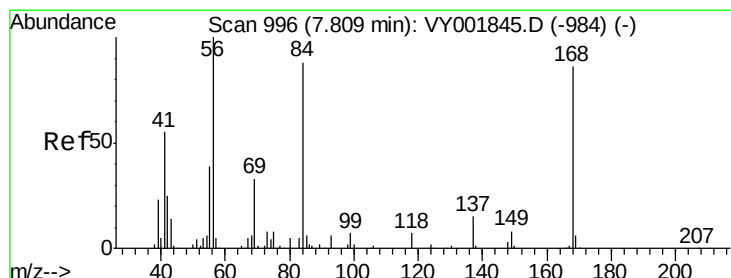
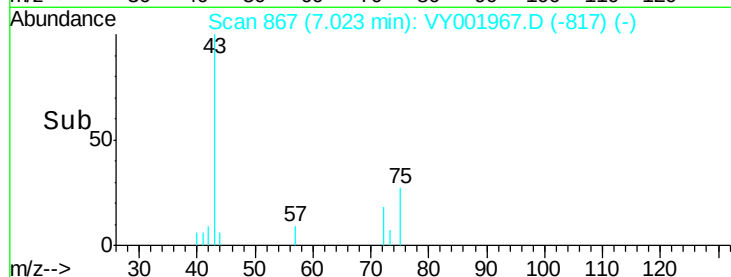
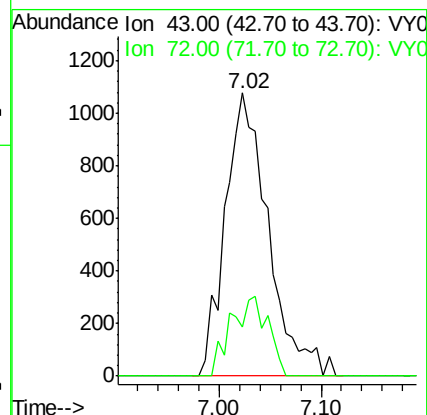
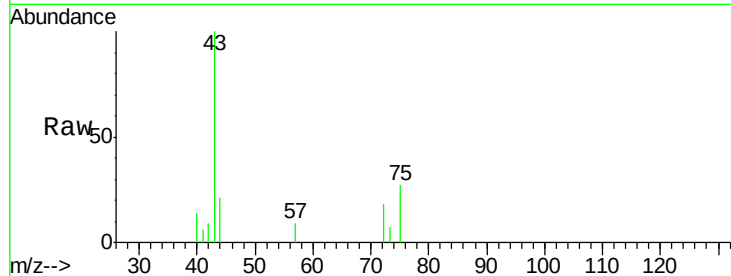
MK-031220-0-1-GRAB-B4

Tgt Ion: 43 Resp: 3165

Ion Ratio Lower Upper

43 100

72 17.5 20.9 31.3#



#31

Cyclohexane

Concen: 1.03 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

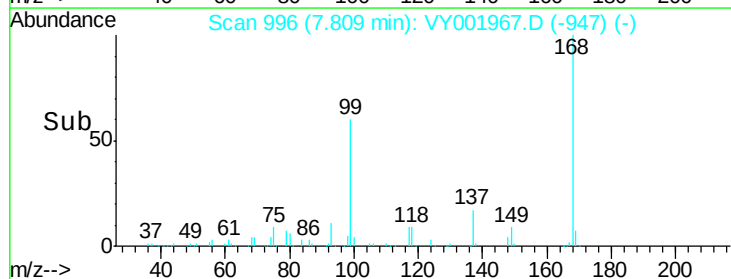
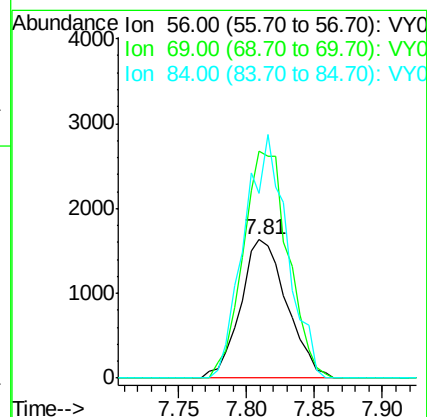
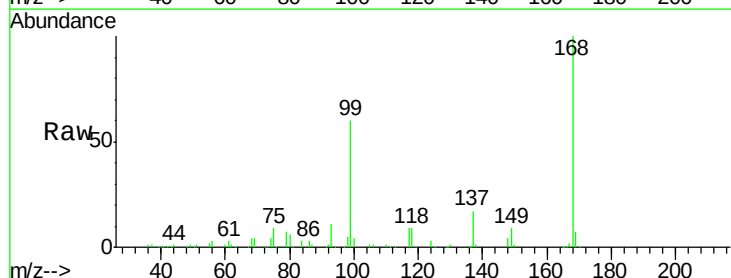
Tgt Ion: 56 Resp: 3892

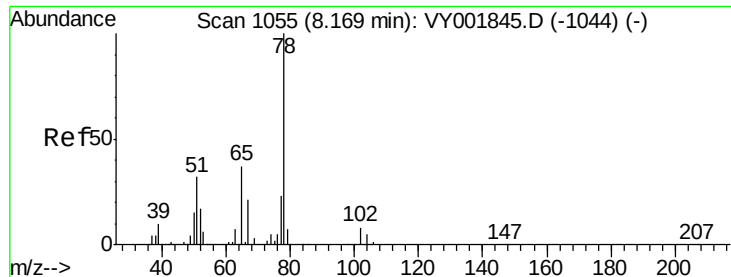
Ion Ratio Lower Upper

56 100

69 164.5 26.7 40.1#

84 133.7 70.4 105.6#

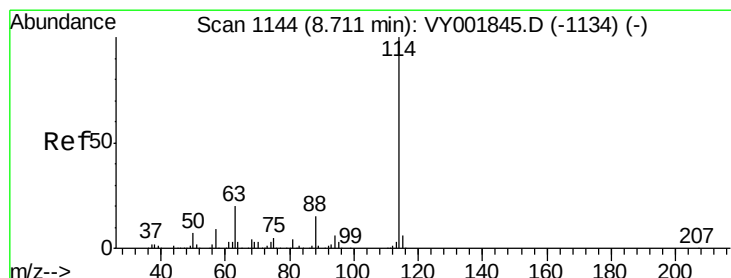
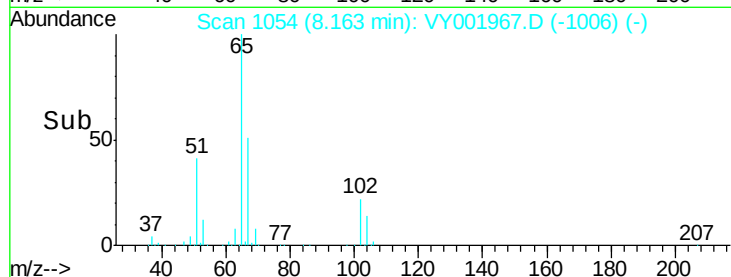
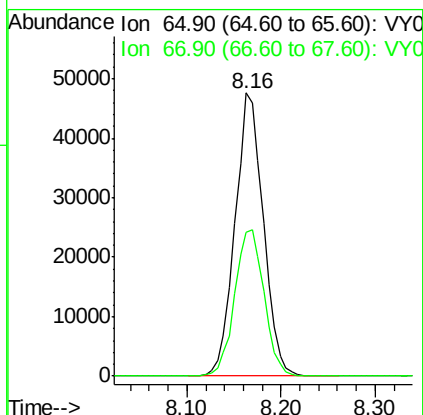
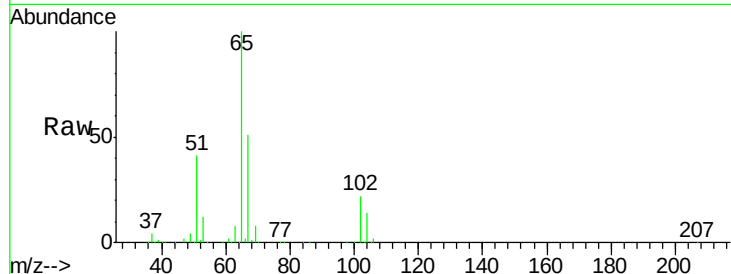




#33
 1,2-Dichloroethane-d4
 Concen: 57.96 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001967.D
 Acq: 12 Mar 2020 20:10

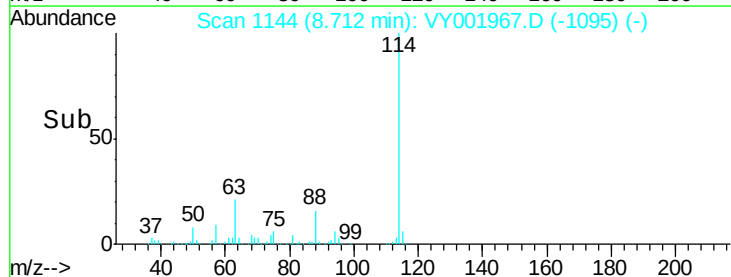
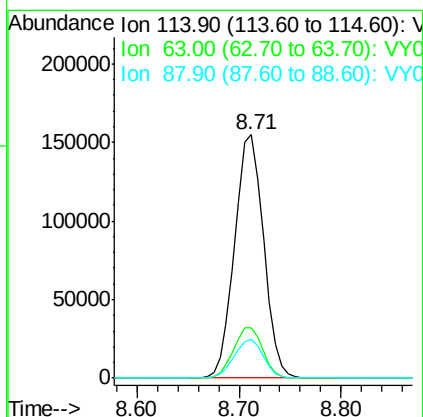
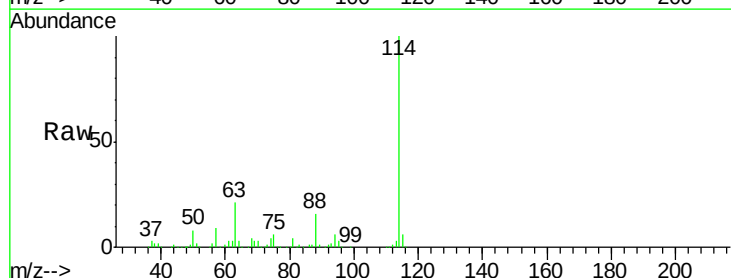
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B4

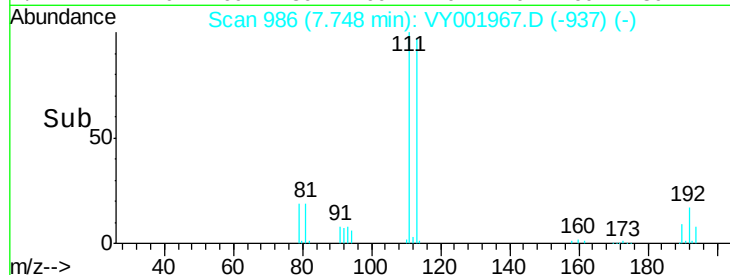
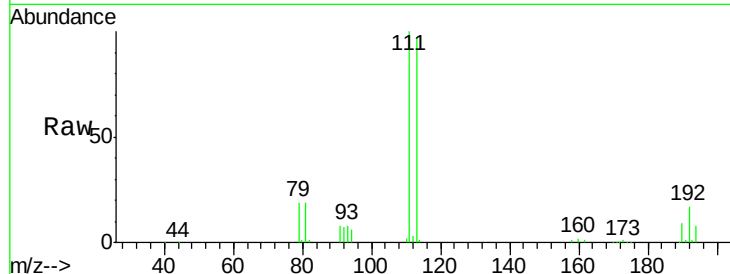
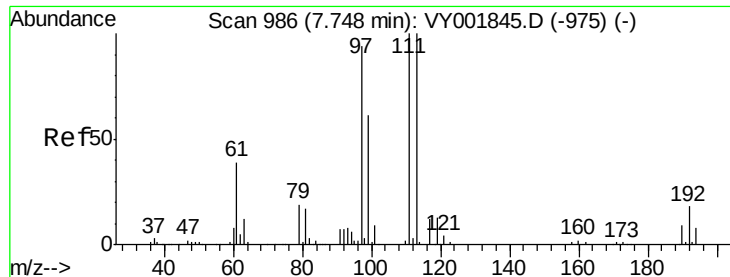
Tgt Ion: 65 Resp: 99518
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001967.D
 Acq: 12 Mar 2020 20:10

Tgt Ion: 114 Resp: 304903
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 15.8 0.0 30.4

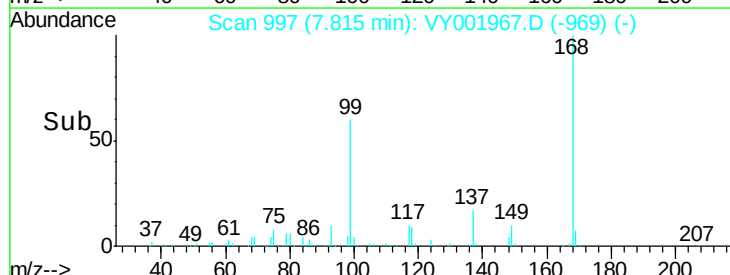
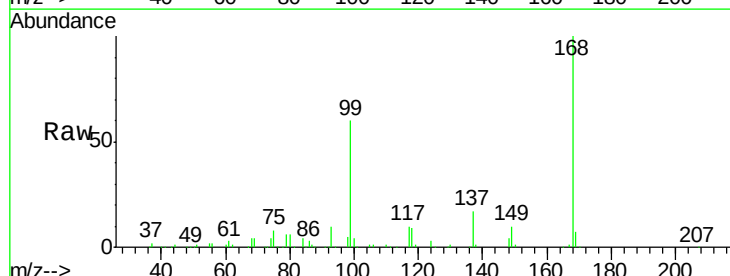
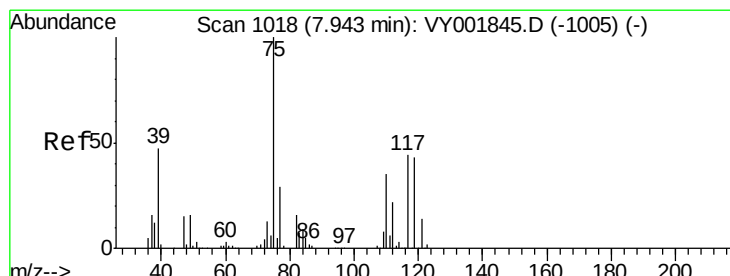
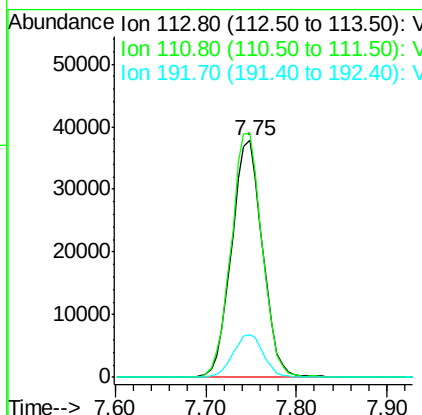




#35
Dibromofluoromethane
Concen: 53.69 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

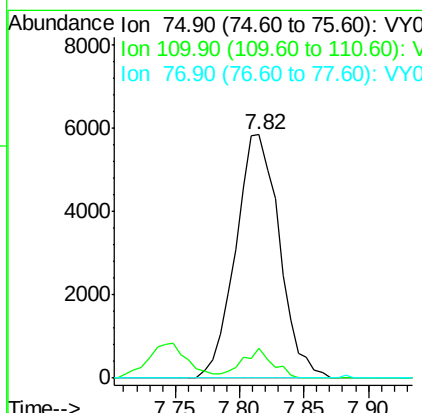
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-0-1-GRAB-B4

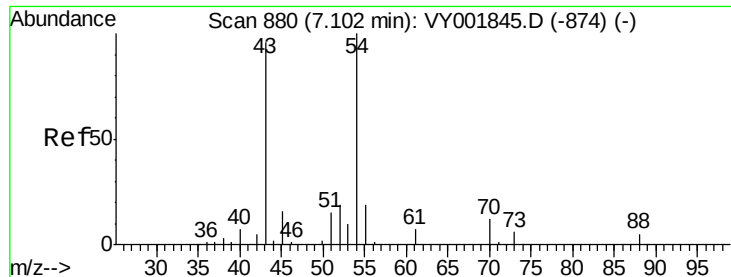
Tgt Ion:113 Resp: 89387
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

Tgt Ion: 75 Resp: 13764
Ion Ratio Lower Upper
75 100
110 8.5 17.4 52.2#
77 0.0 24.2 36.2#

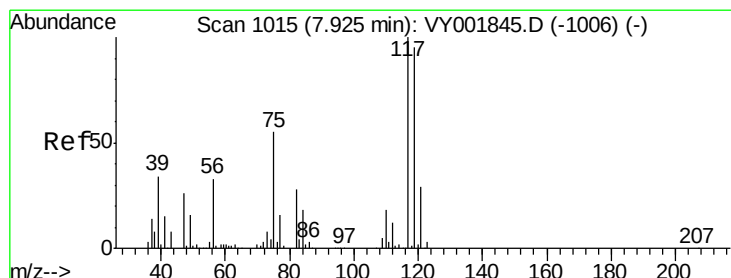
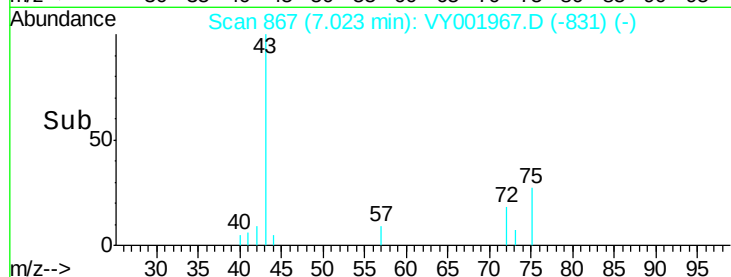
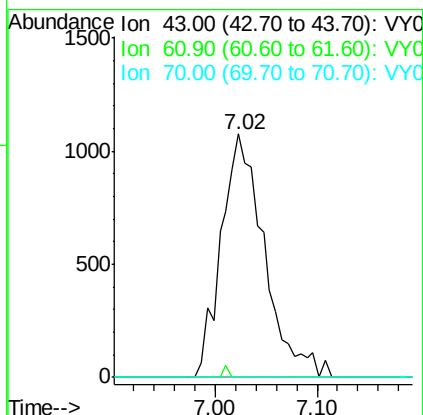
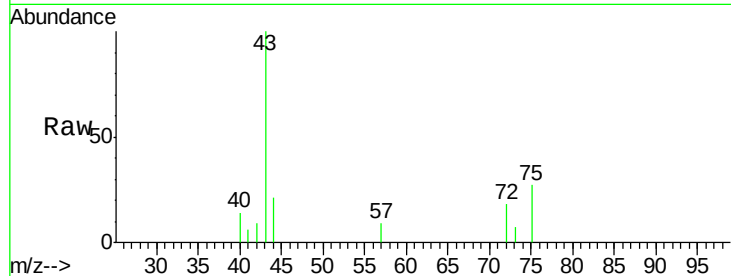




#37
Ethyl Acetate
Concen: 1.86 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.08 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

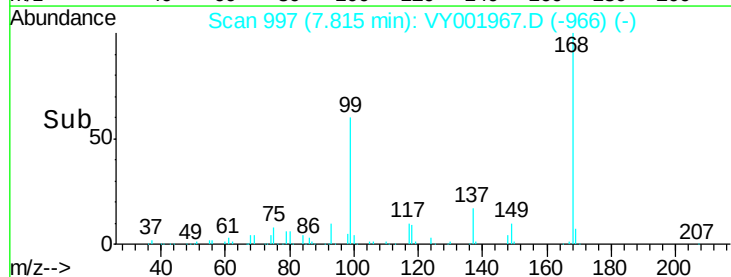
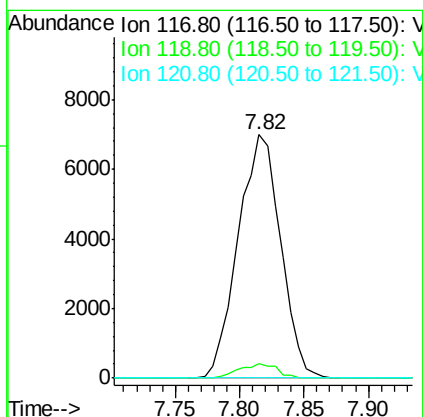
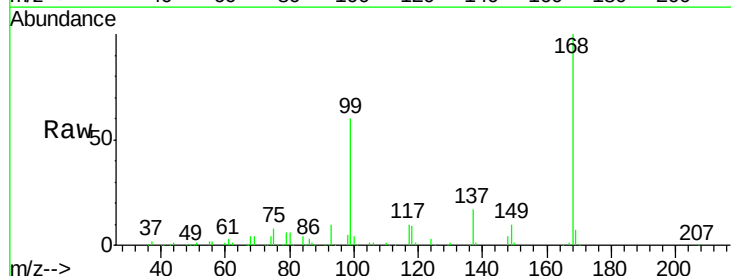
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-0-1-GRAB-B4

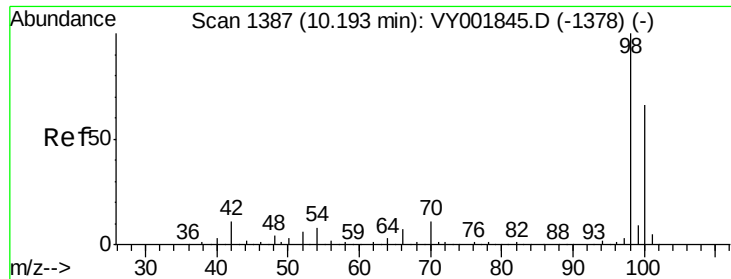
Tgt Ion: 43 Resp: 3165
Ion Ratio Lower Upper
43 100
61 0.6 11.1 16.7#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

Tgt Ion: 117 Resp: 15978
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.37 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

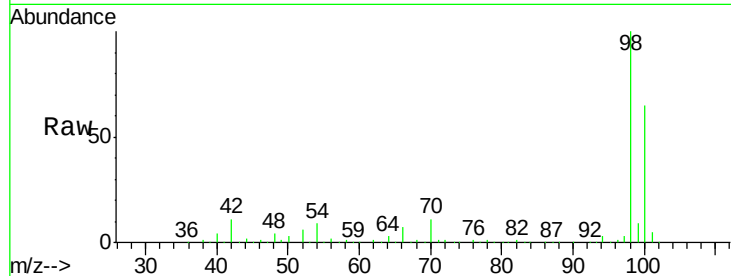
MK-031220-0-1-GRAB-B4

Tgt Ion: 98 Resp: 367649

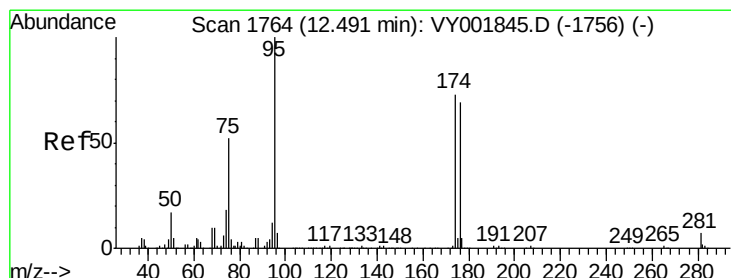
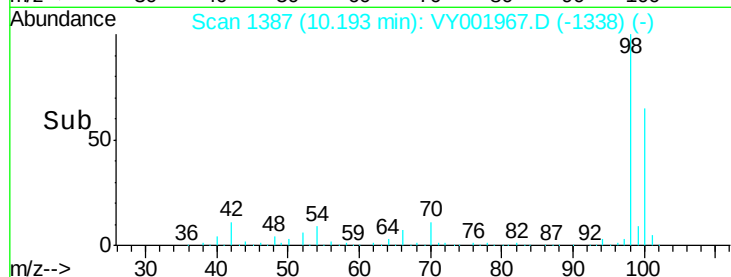
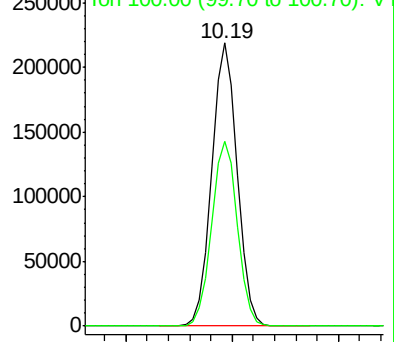
Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 48.55 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

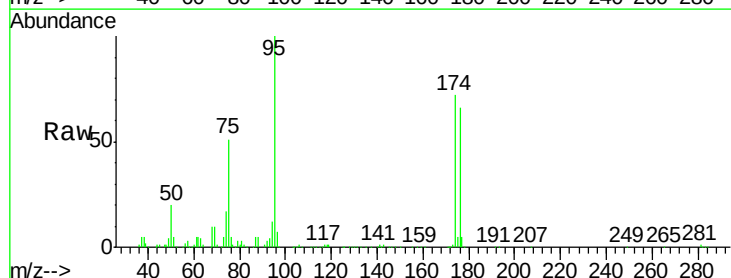
Tgt Ion: 95 Resp: 118508

Ion Ratio Lower Upper

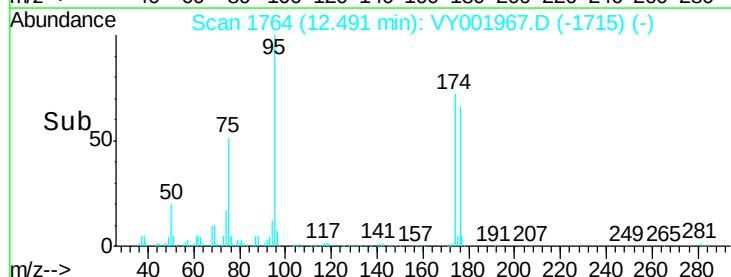
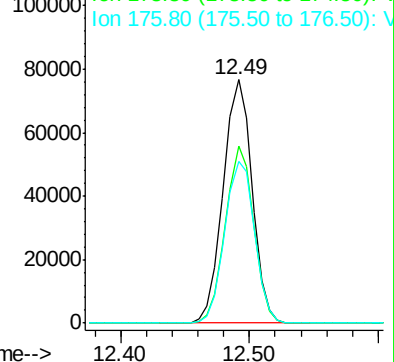
95 100

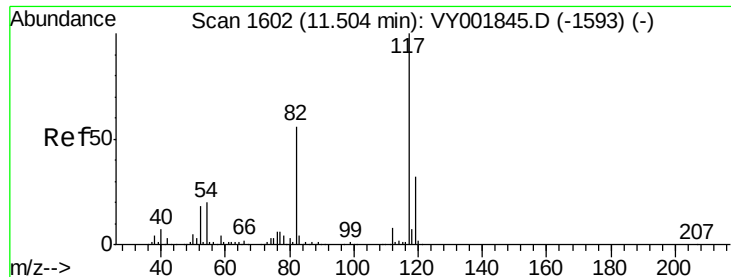
174 71.1 0.0 145.0

176 68.4 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

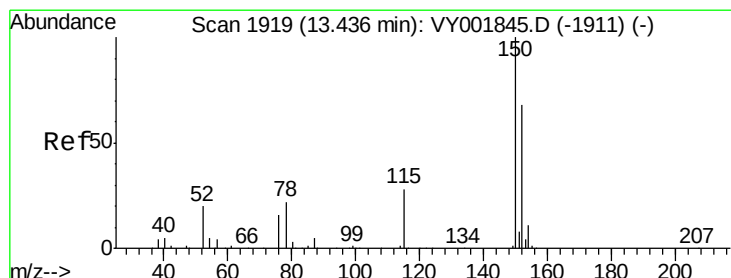
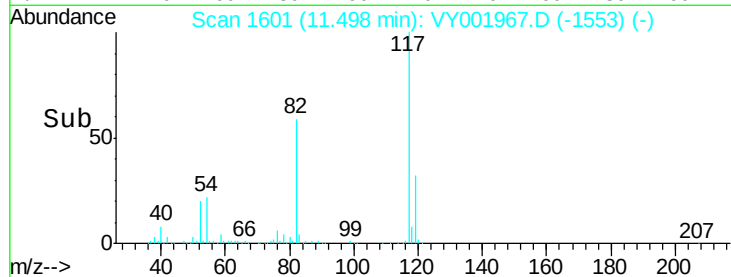
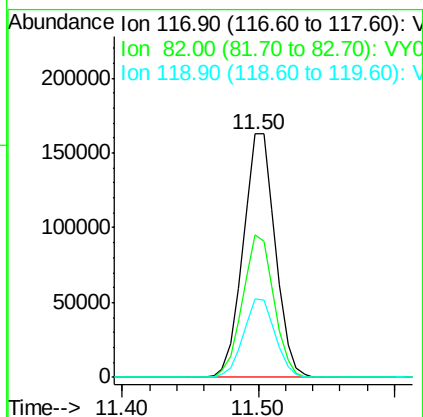
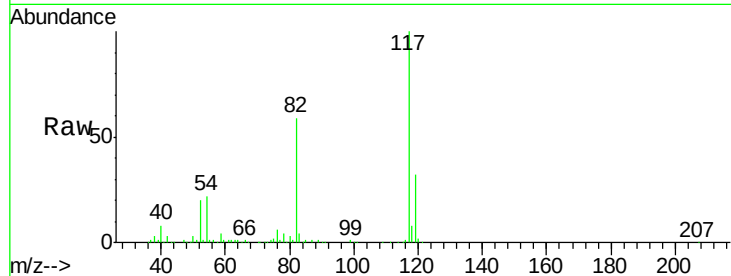




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

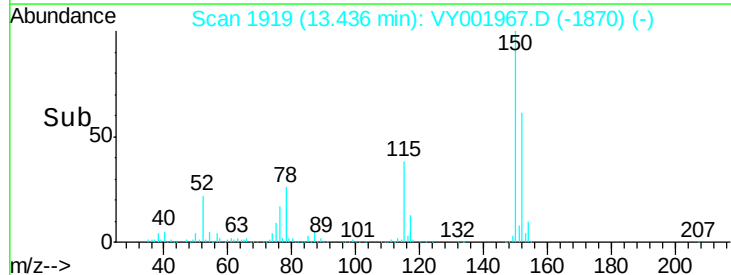
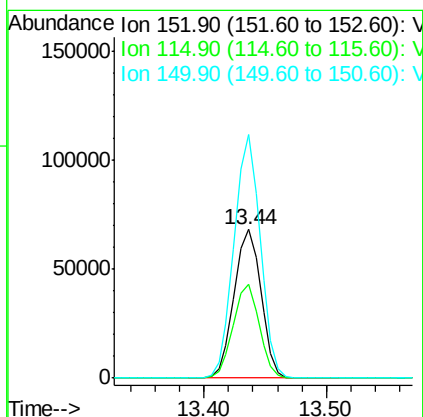
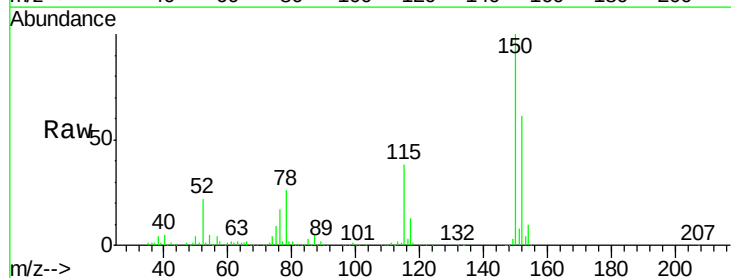
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-0-1-GRAB-B4

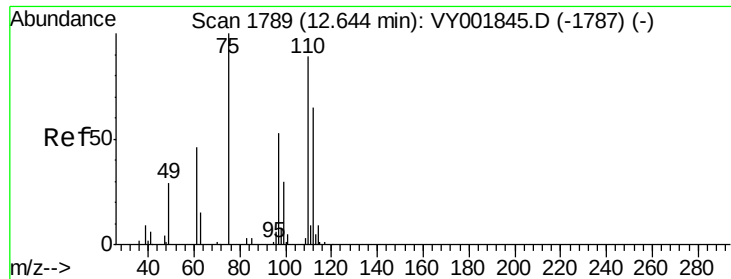
Tgt Ion:117 Resp: 268583
Ion Ratio Lower Upper
117 100
82 58.7 44.5 66.7
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

Tgt Ion:152 Resp: 104220
Ion Ratio Lower Upper
152 100
115 61.3 29.9 89.7
150 159.2 0.0 340.6

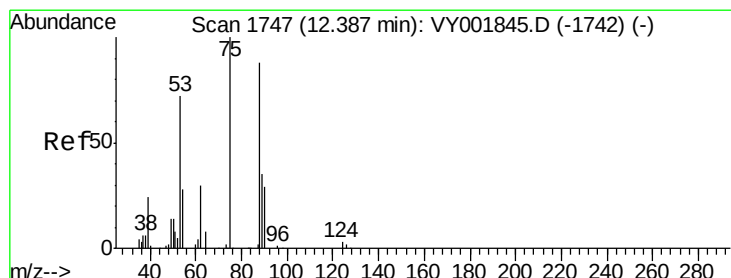
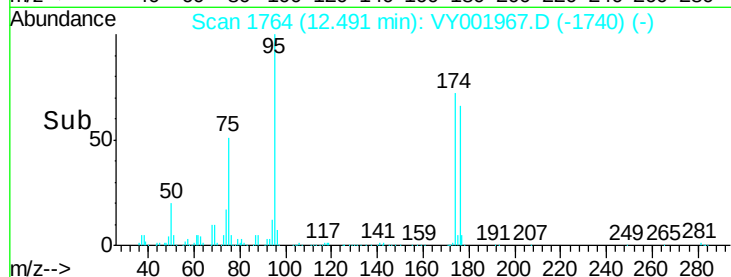
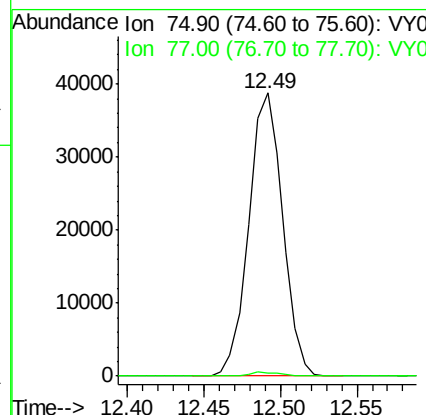
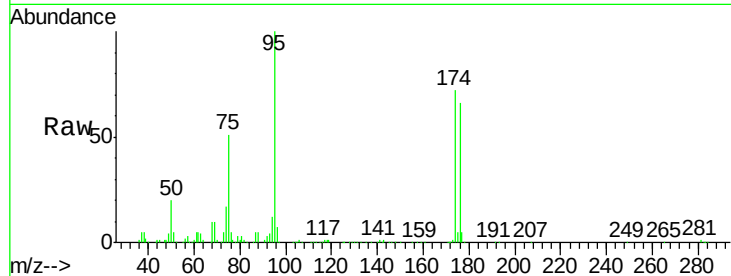




#76
 1,2,3-Trichloropropane
 Concen: 48.32 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001967.D
 Acq: 12 Mar 2020 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B4

Tgt Ion: 75 Resp: 59759
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.61 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001967.D
 Acq: 12 Mar 2020 20:10

Tgt Ion: 75 Resp: 59759
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.0 36.0 54.0#

