

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001968.D
 Acq On : 12 Mar 2020 20:32
 Operator : SY/MD
 Sample : L1913-17
 Misc : 6.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-GRAB-DP

Quant Time: Mar 13 05:43:46 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	155908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	303664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115875	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	99050	59.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.02%	
35) Dibromofluoromethane	7.75	113	87486	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	10.19	98	368782	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.49	95	126561	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	

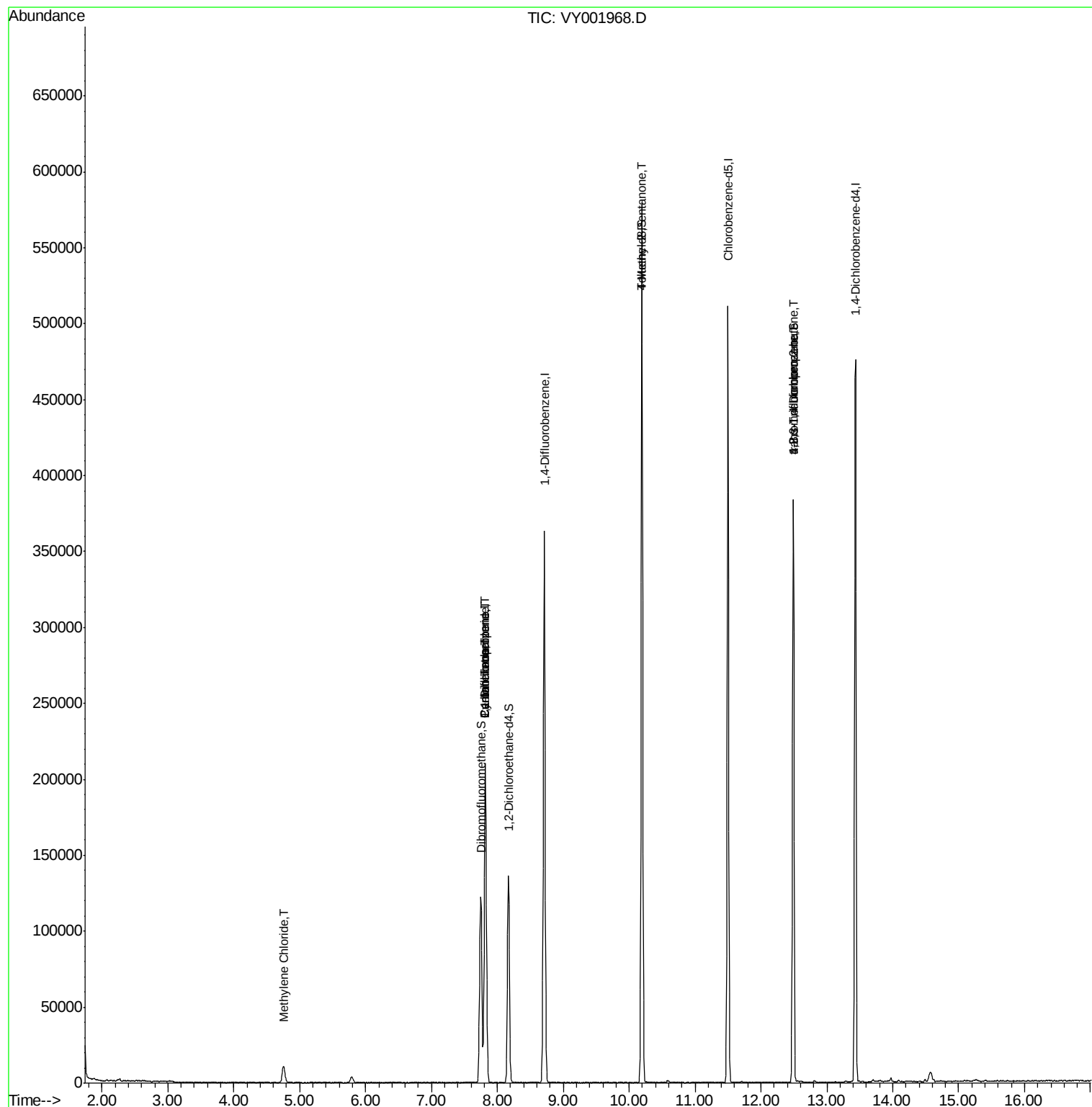
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	123	Below Cal	#	74
20) Methylene Chloride	4.75	84	8033	3.87	ug/l	88
31) Cyclohexane	7.82	56	3754	1.03	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	13240	4.53	ug/l	# 50
38) Carbon Tetrachloride	7.82	117	16573	6.64	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.19	43	1664	1.00	ug/l	# 1
76) 1,2,3-Trichloropropane	12.49	75	64445	46.87	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	64445	94.68	ug/l	# 17

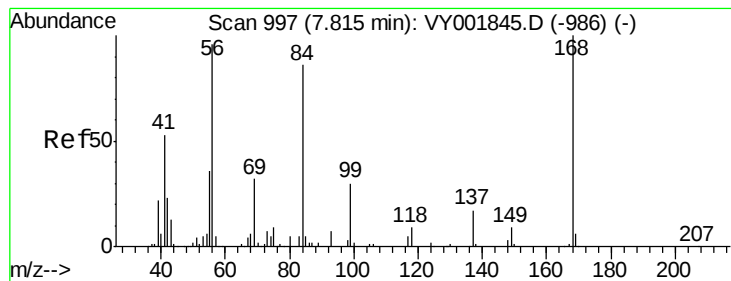
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

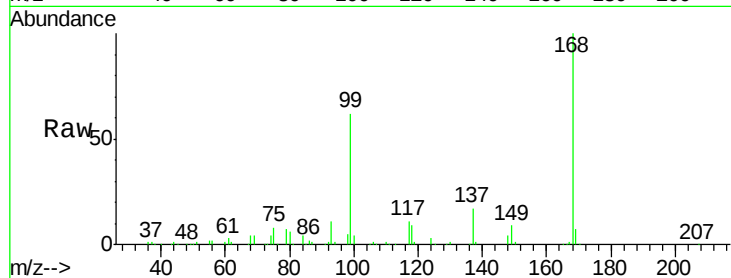
MK-031220-GRAB-DP

Tgt Ion: 168 Resp: 155908

Ion Ratio Lower Upper

168 100

99 62.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001968.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001968.D (-948) (-)

7.82

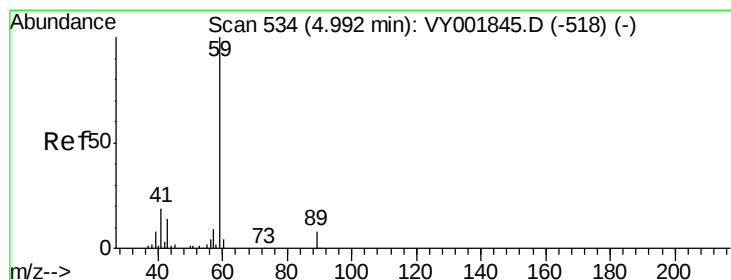
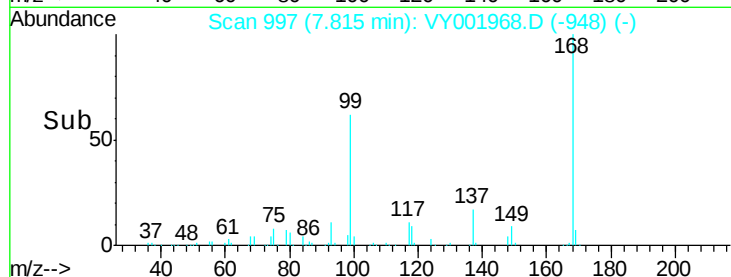
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001968.D

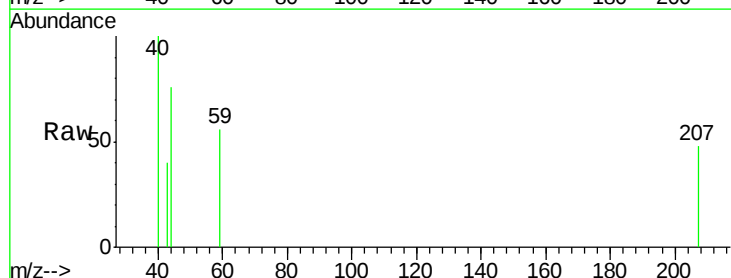
Acq: 12 Mar 2020 20:32

Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001968.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001968.D (-485) (-)

4.98

120

100

80

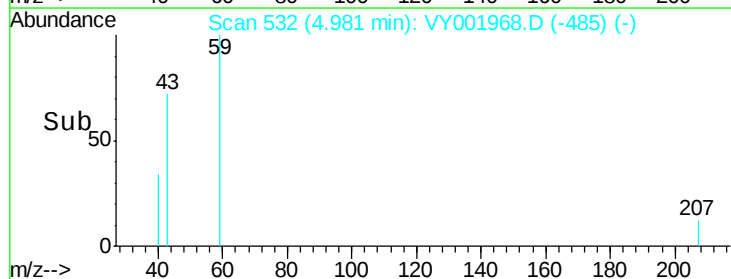
60

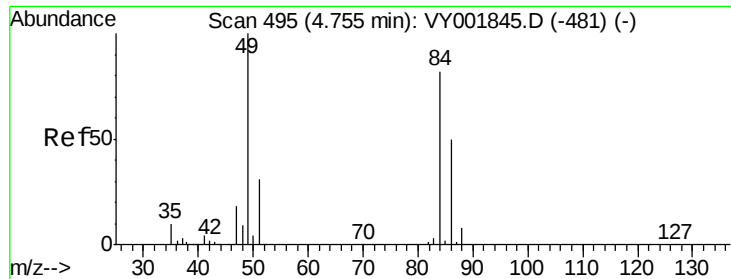
40

20

0

Time--> 4.96 4.98 5.00 5.02

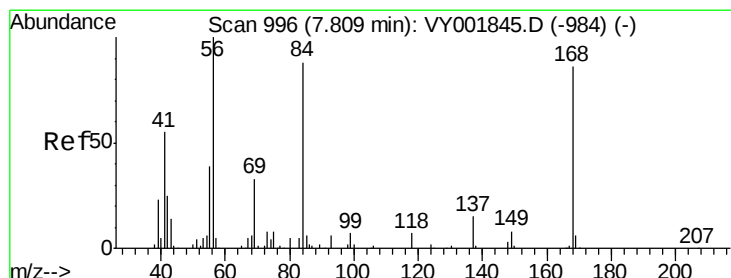
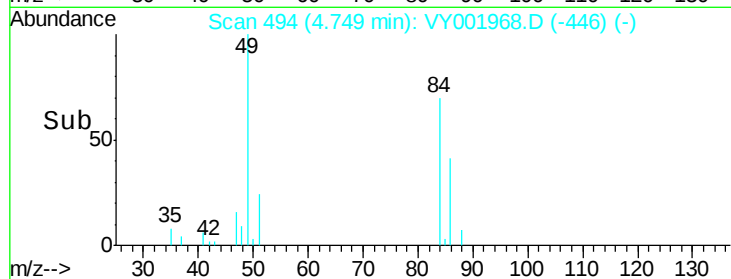
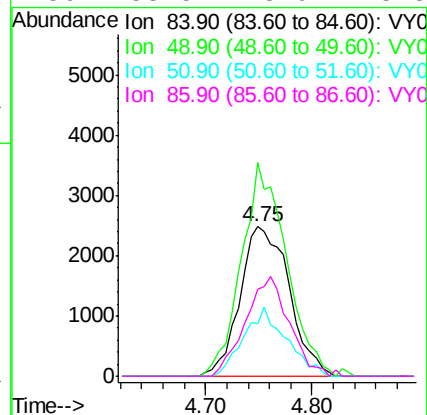
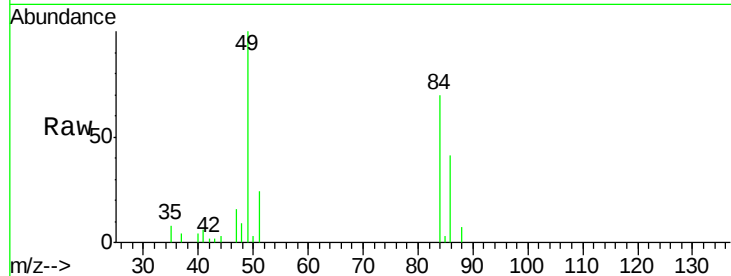




#20
Methylene Chloride
Concen: 3.87 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

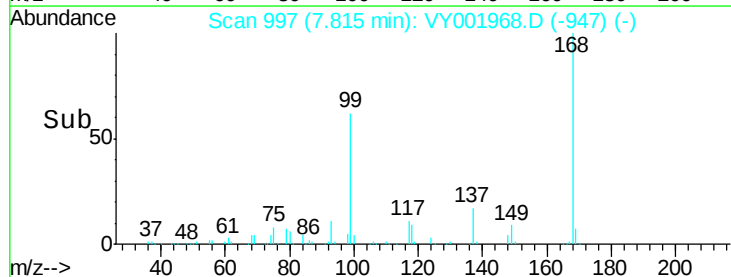
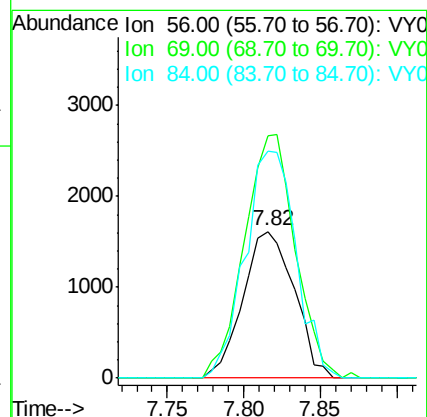
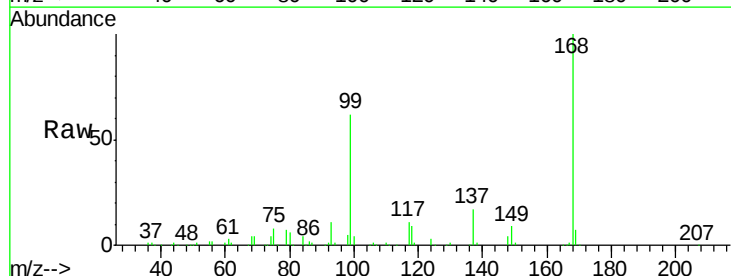
Instrument :
MSVOA_Y
ClientSampleId :
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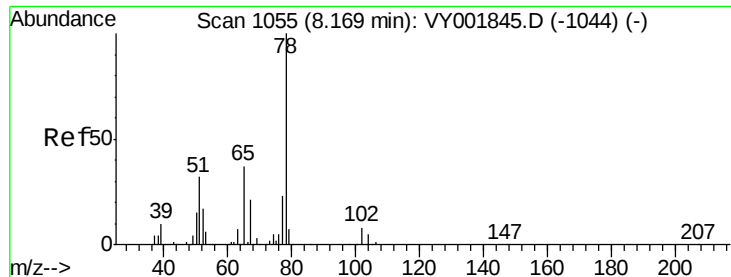
Tgt Ion:	84	Resp:	8033
Ion	Ratio	Lower	Upper
84	100		
49	143.1	98.2	147.2
51	34.9	30.2	45.2
86	58.5	48.9	73.3



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

Tgt Ion:	56	Resp:	3754
Ion	Ratio	Lower	Upper
56	100		
69	165.0	26.7	40.1#
84	154.5	70.4	105.6#

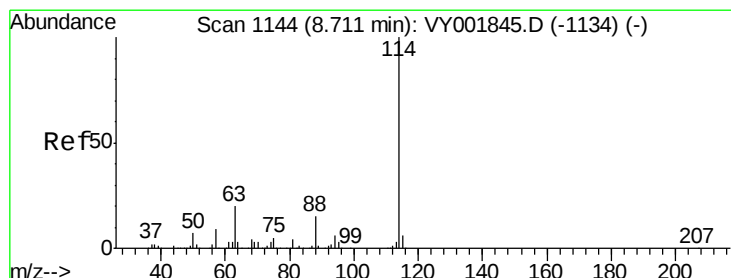
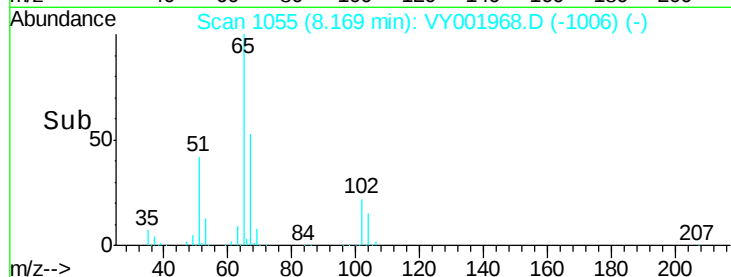
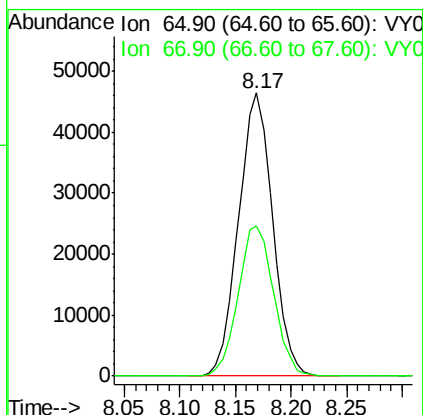
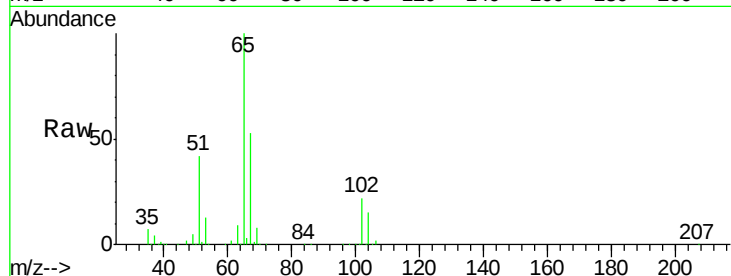




#33
 1,2-Dichloroethane-d4
 Concen: 59.51 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001968.D
 Acq: 12 Mar 2020 20:32

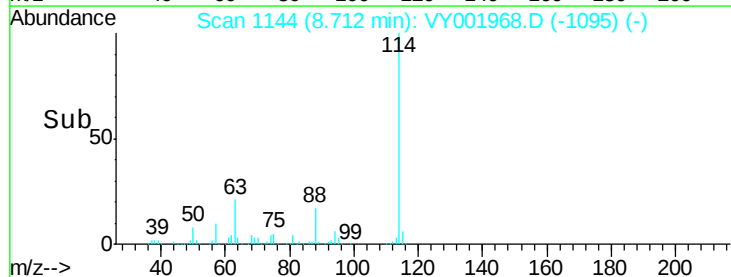
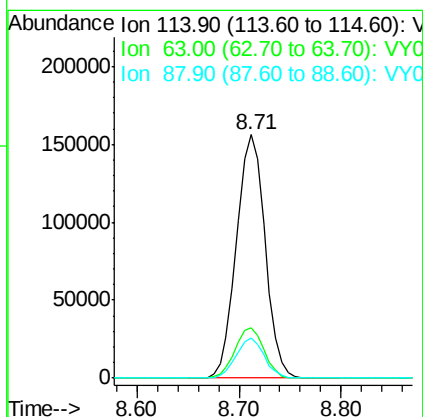
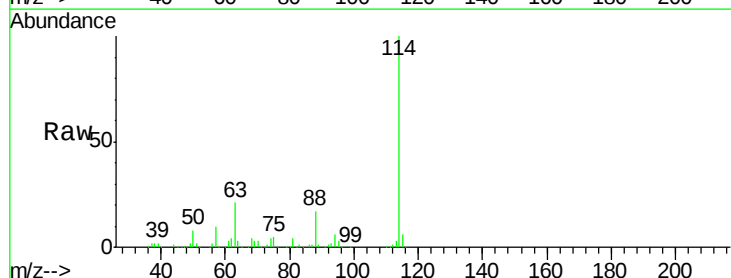
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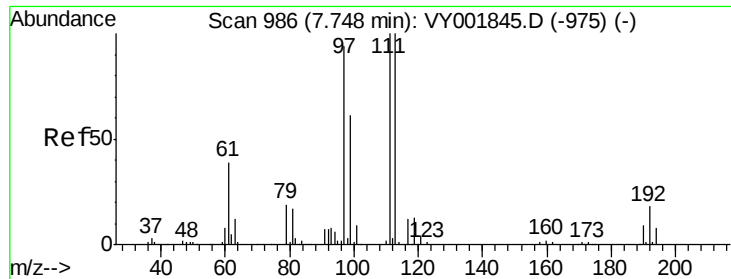
Tgt Ion: 65 Resp: 99050
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001968.D
 Acq: 12 Mar 2020 20:32

Tgt Ion: 114 Resp: 303664
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 16.6 0.0 30.4

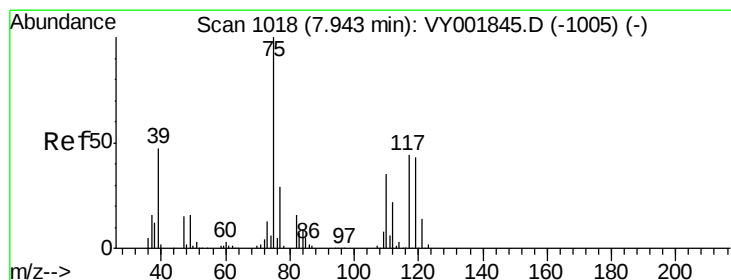
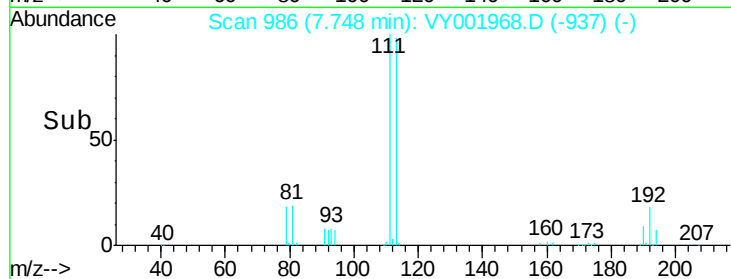
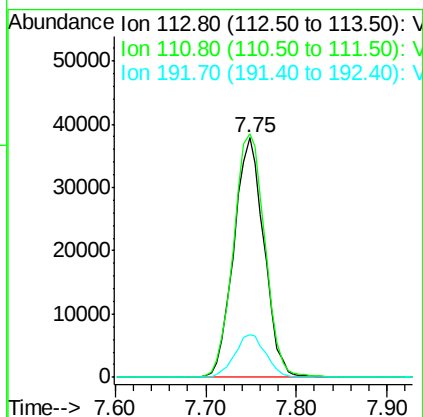
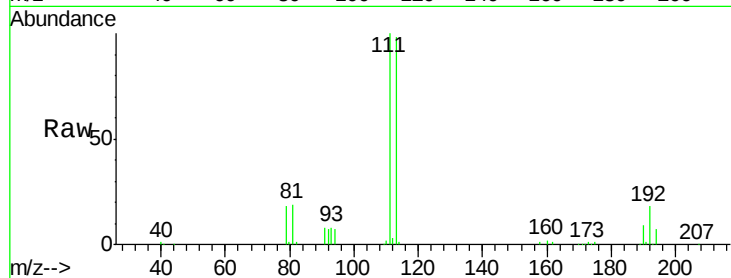




#35
 Dibromofluoromethane
 Concen: 52.76 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001968.D
 Acq: 12 Mar 2020 20:32

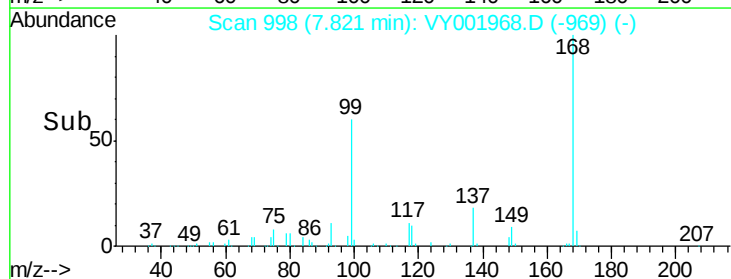
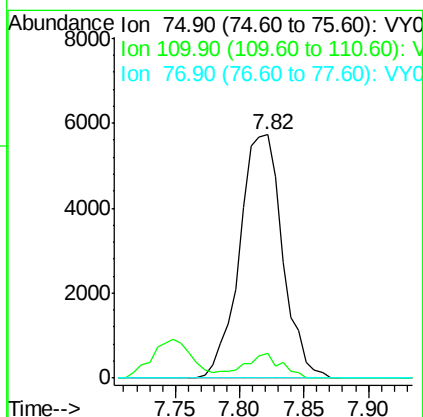
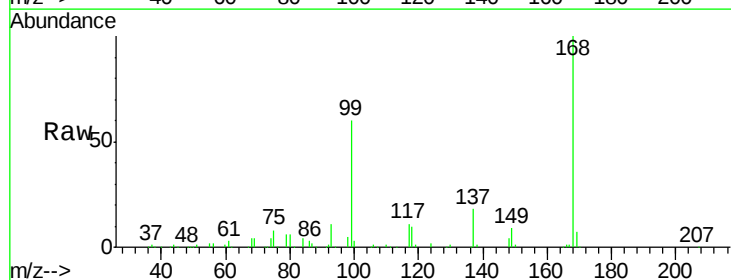
Instrument :
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 ClientSampleId :
 MK-031220-GRAB-DP

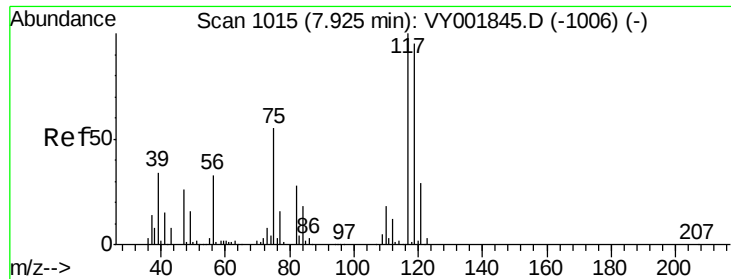
Tgt Ion:113 Resp: 87486
 Ion Ratio Lower Upper
 113 100
 111 106.1 81.8 122.8
 192 18.3 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.53 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001968.D
 Acq: 12 Mar 2020 20:32

Tgt Ion: 75 Resp: 13240
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.4 52.2#
 77 0.0 24.2 36.2#

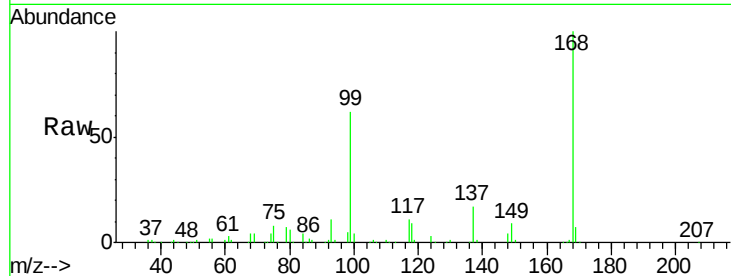




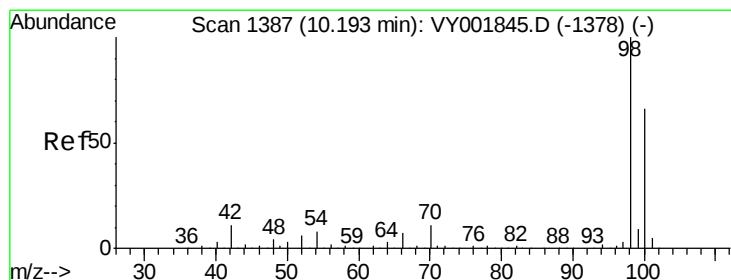
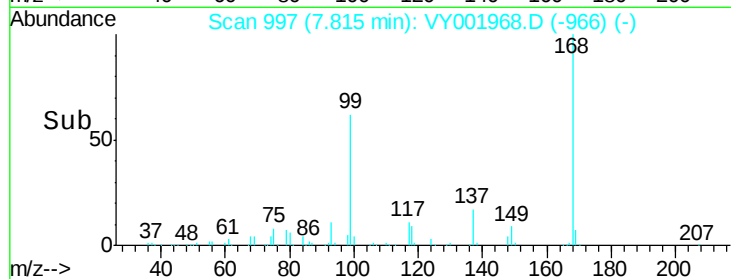
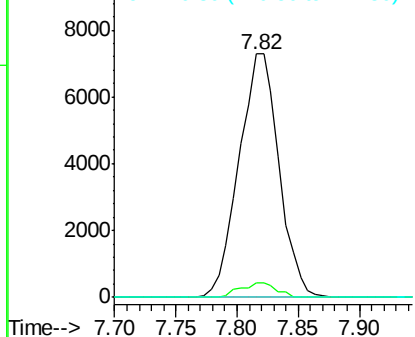
#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-GRAB-DP

Tgt Ion:117 Resp: 16573
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 23.5 35.3#

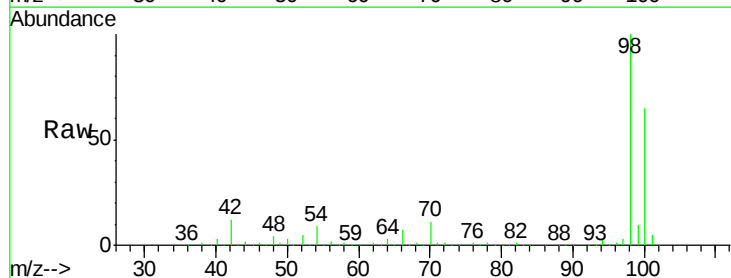


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

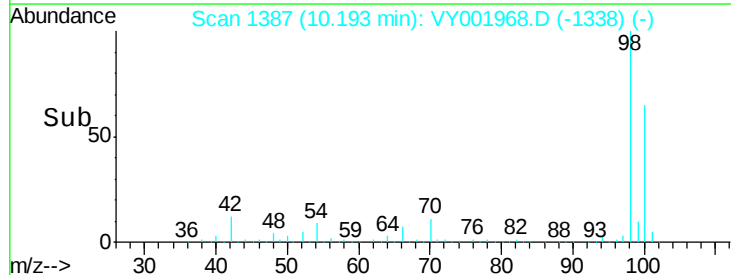
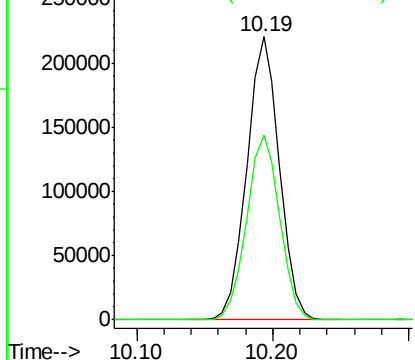


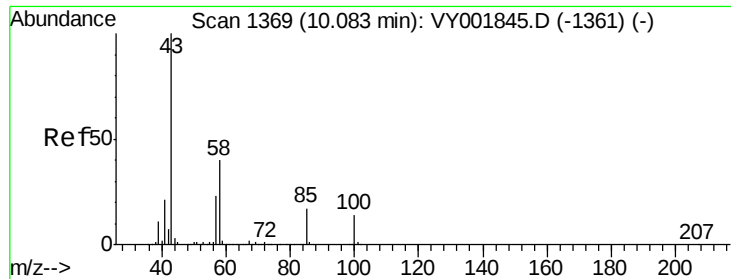
#50
Toluene-d8
Concen: 52.74 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

Tgt Ion: 98 Resp: 368782
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.00 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

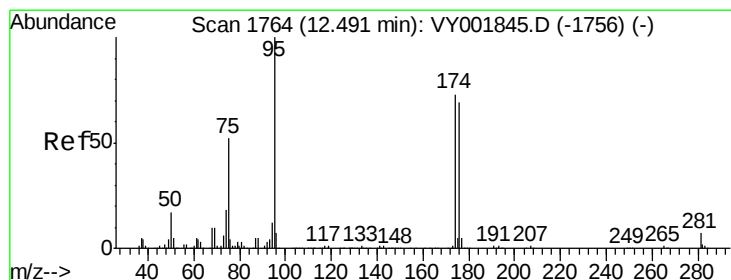
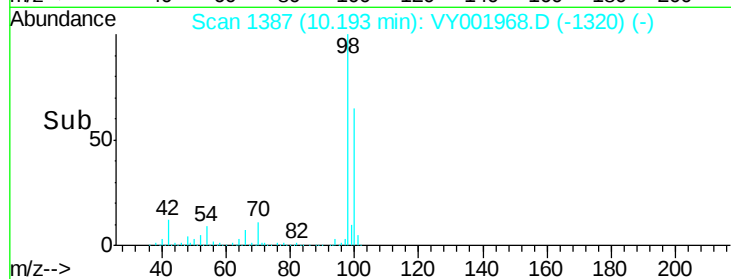
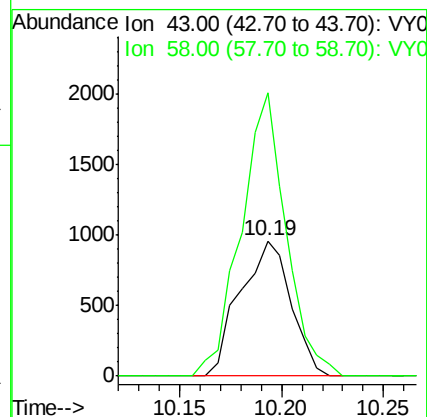
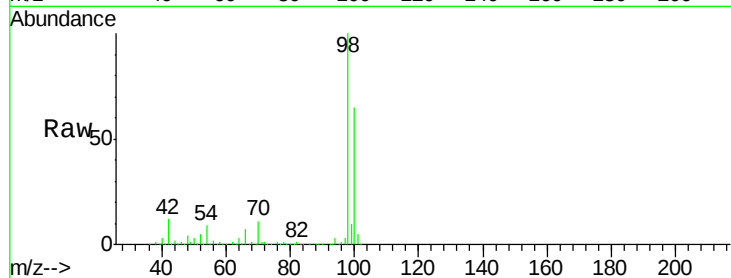
MK-031220-GRAB-DP

Tgt Ion: 43 Resp: 1664

Ion Ratio Lower Upper

43 100

58 184.9 32.0 48.0#



#62

4-Bromofluorobenzene

Concen: 52.06 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

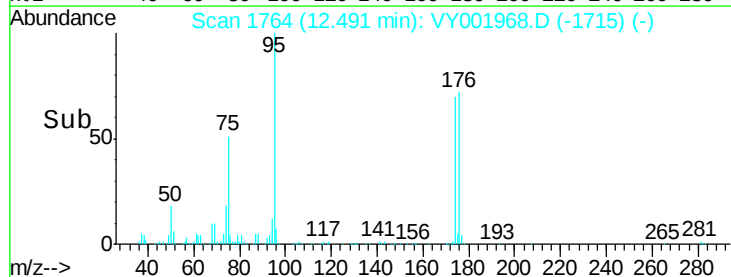
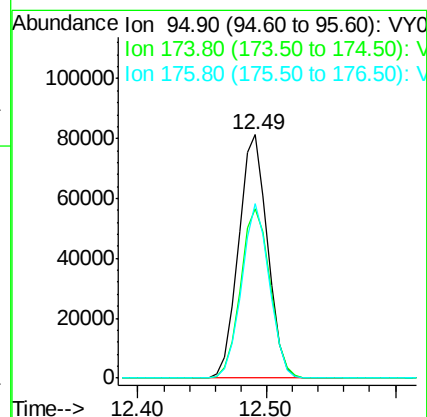
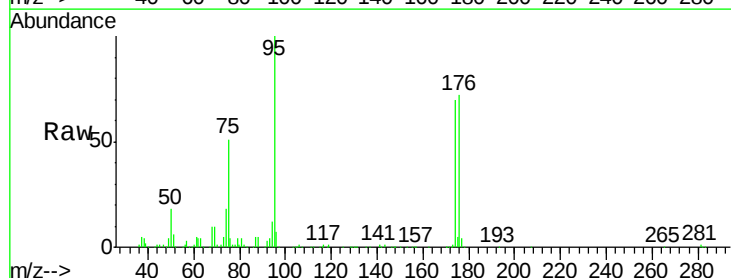
Tgt Ion: 95 Resp: 126561

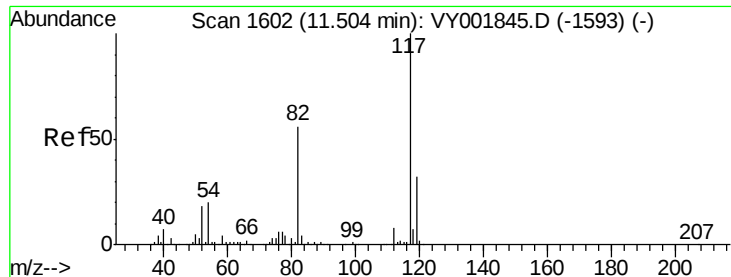
Ion Ratio Lower Upper

95 100

174 70.9 0.0 145.0

176 68.4 0.0 137.4

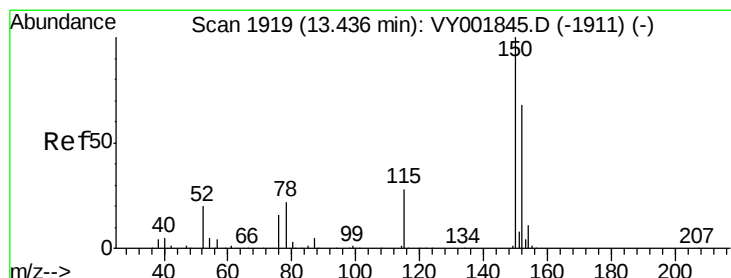
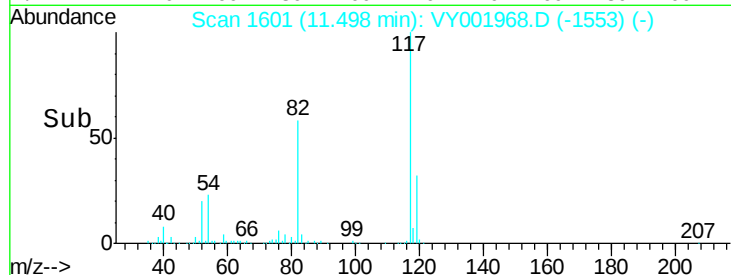
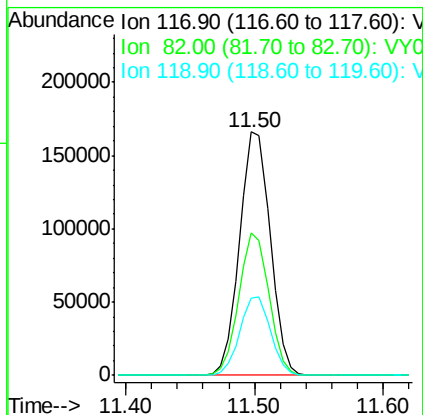
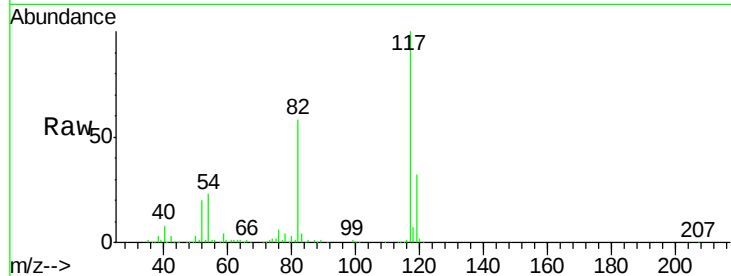




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

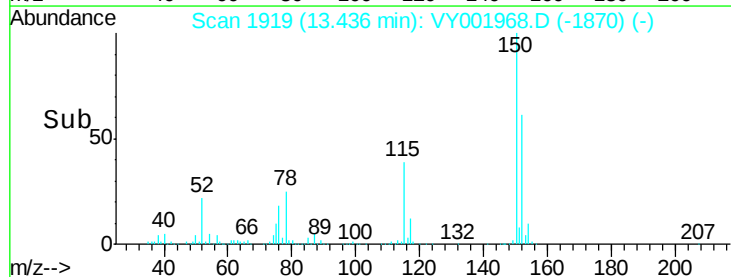
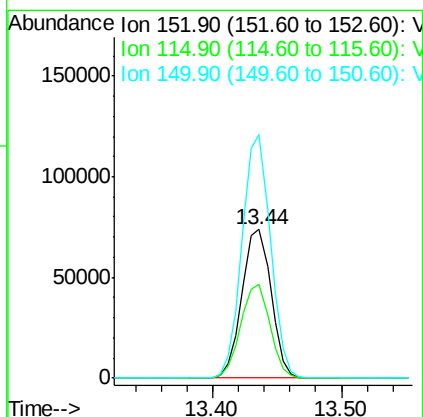
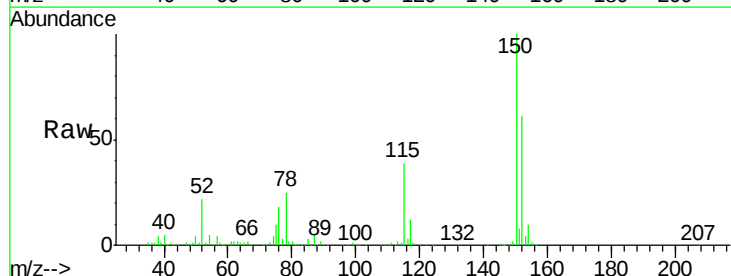
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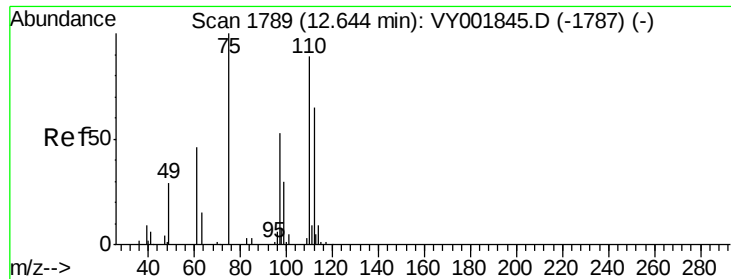
Tgt Ion:117 Resp: 274368
Ion Ratio Lower Upper
117 100
82 58.3 44.5 66.7
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

Tgt Ion:152 Resp: 115875
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.7
150 158.6 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 46.87 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

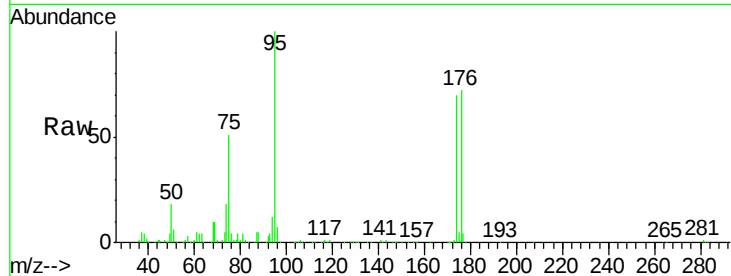
MK-031220-GRAB-DP

Tgt Ion: 75 Resp: 64445

Ion Ratio Lower Upper

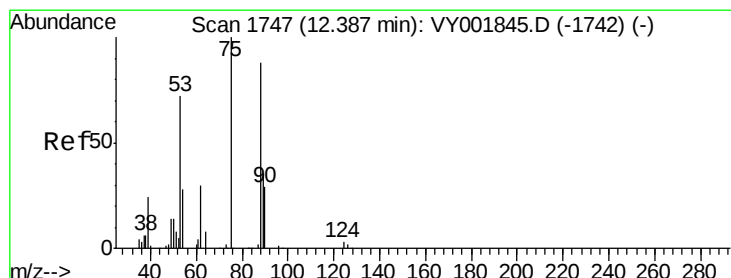
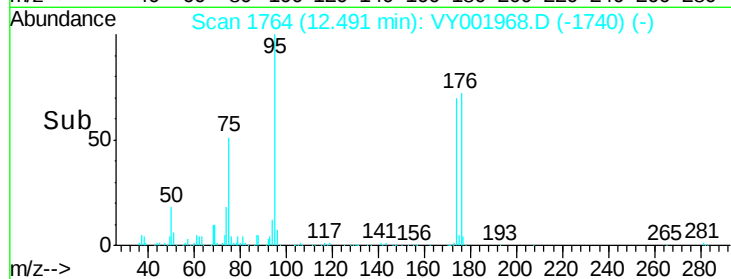
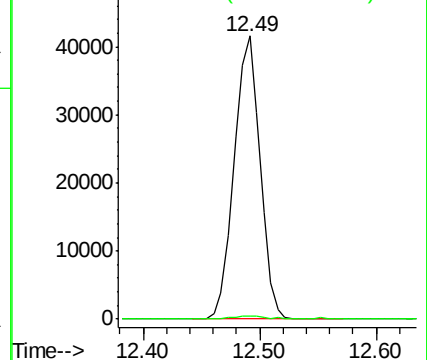
75 100

77 1.4 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: 94.68 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

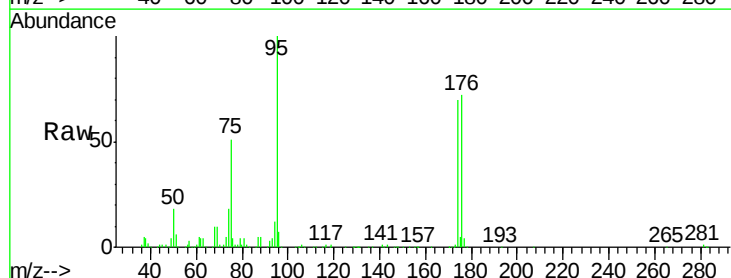
Tgt Ion: 75 Resp: 64445

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#



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

