

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001927.D
 Acq On : 10 Mar 2020 17:11
 Operator : SY/MD
 Sample : L1871-05
 Misc : 6.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 04:00:03 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	7.81	168	82679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	145348	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	119823	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	50128	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	43198	48.94	ug/l	-0.01
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	7.73	113	40508	51.04	ug/l	-0.02
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	10.18	98	172271	51.47	ug/l	-0.01
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.48	95	52269	44.92	ug/l	-0.01
Spiked Amount			Recovery	=	89.84%	

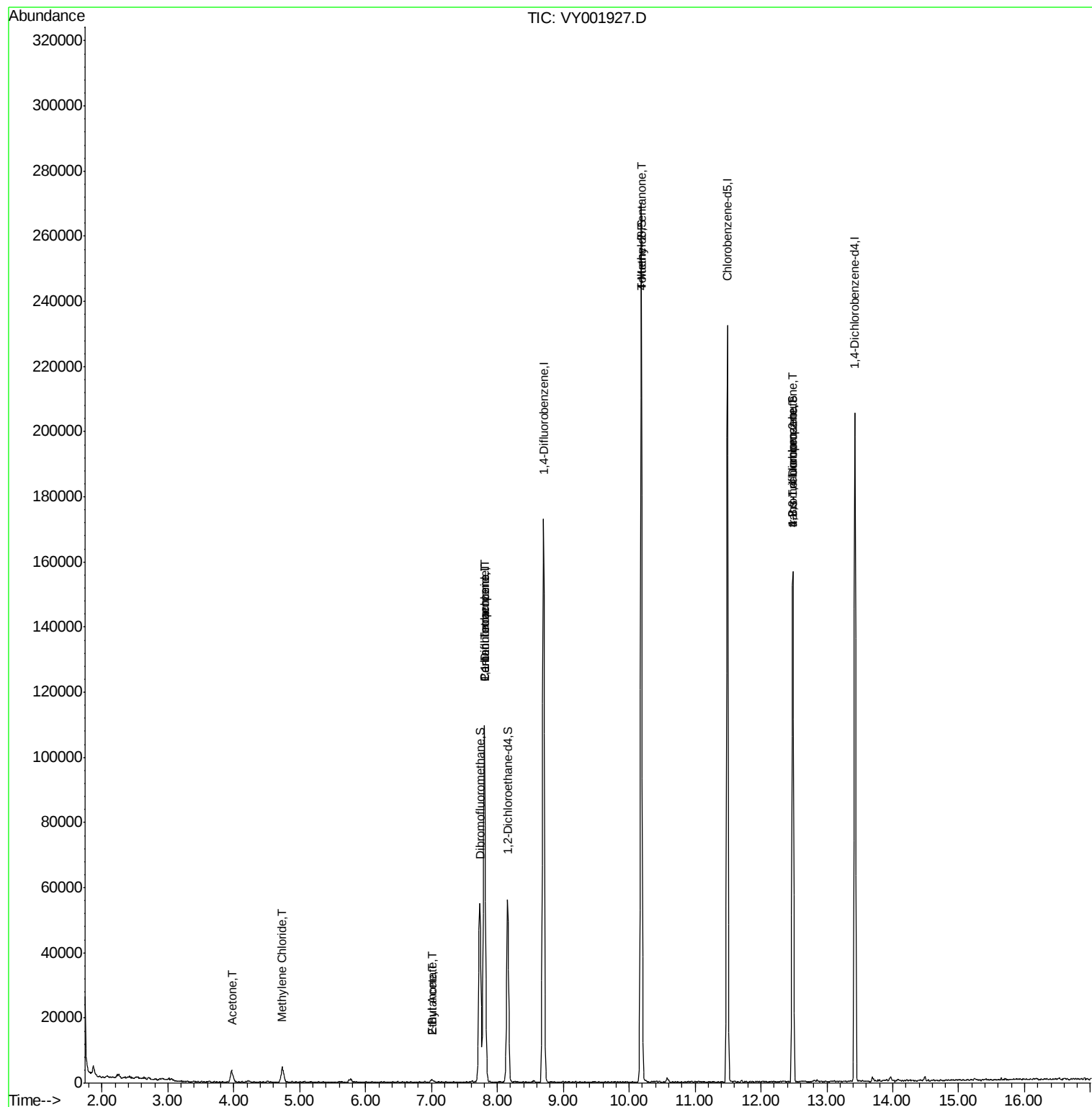
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.85	94	22	Below Cal	#	4
11) Tert butyl alcohol	4.97	59	19	Below Cal	#	74
16) Acetone	3.97	43	6402	24.903	ug/l	94
20) Methylene Chloride	4.74	84	3016	2.737	ug/l #	92
25) 2-Butanone	7.02	43	1120	2.865	ug/l #	89
36) 1,1-Dichloropropene	7.80	75	7081	5.063	ug/l #	51
37) Ethyl Acetate	7.02	43	1120	1.378	ug/l #	69
38) Carbon Tetrachloride	7.80	117	8599	7.197	ug/l #	15
51) 4-Methyl-2-Pentanone	10.19	43	845	1.066	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	26296	44.210	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	26296	89.301	ug/l #	17

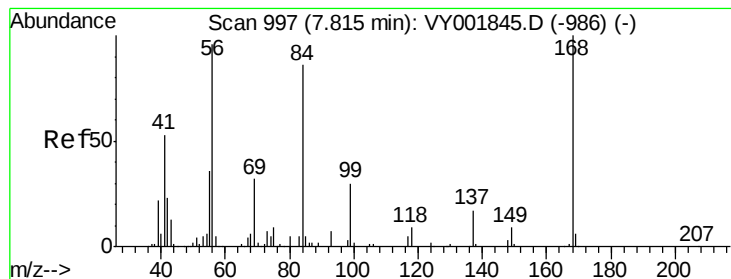
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
Data File : VY001927.D
Acq On : 10 Mar 2020 17:11
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ClientSampleId :

Quant Time: Mar 11 04:00:03 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: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001927.D

Acq: 10 Mar 2020 17:11

Instrument :

MSVOA_Y

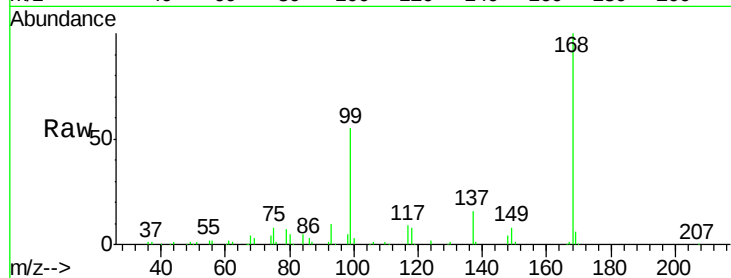
ClientSampled :

Tot Ion:168 Resp: 82679

Ion Ratio Lower Upper

168 100

99 54.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

40000

30000

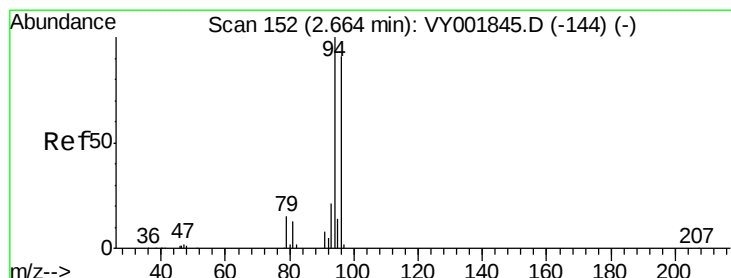
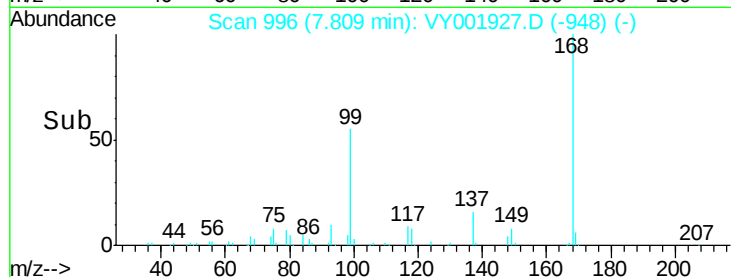
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.85 min Scan# 183

Delta R.T. 0.19 min

Lab File: VY001927.D

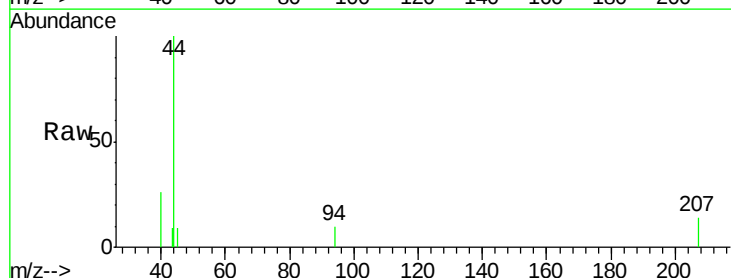
Acq: 10 Mar 2020 17:11

Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

2.85

80

60

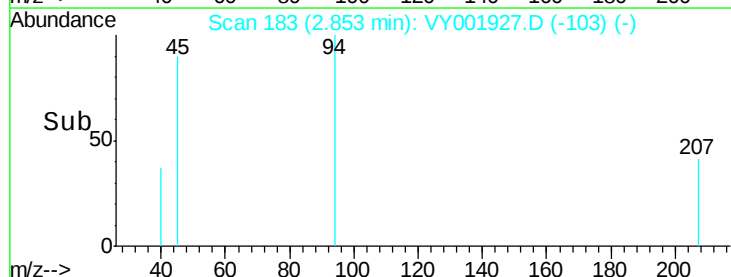
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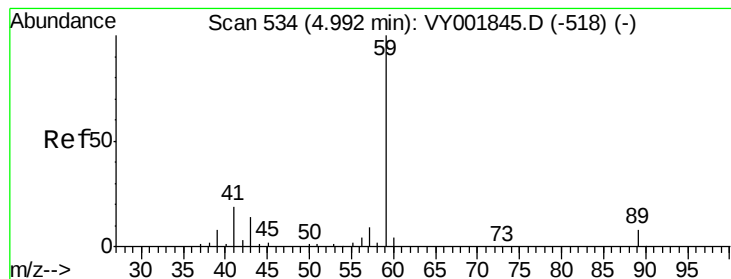
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0

2.83 2.84 2.85 2.86 2.87

Time-->



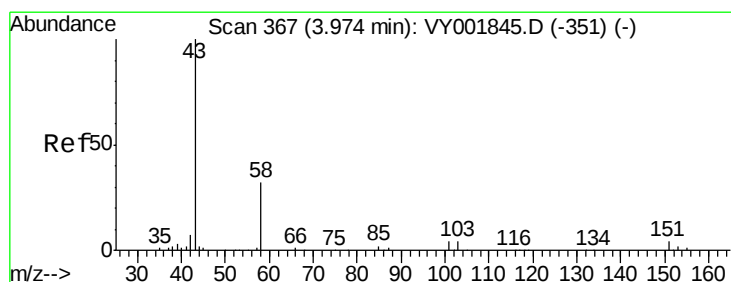
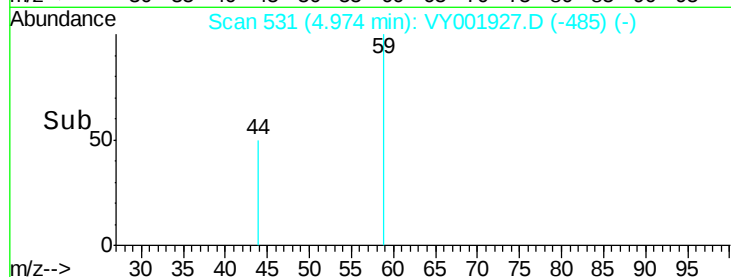
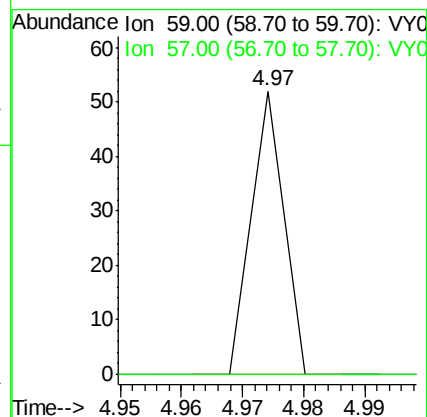
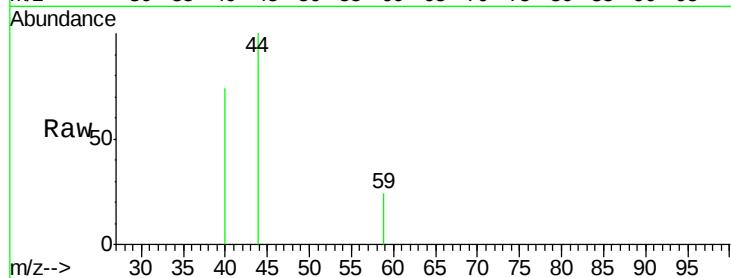


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001927.D
 Acq: 10 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :

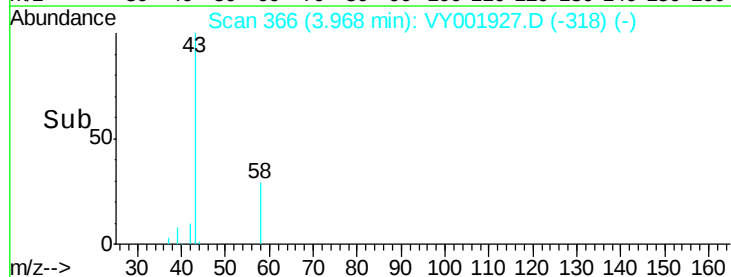
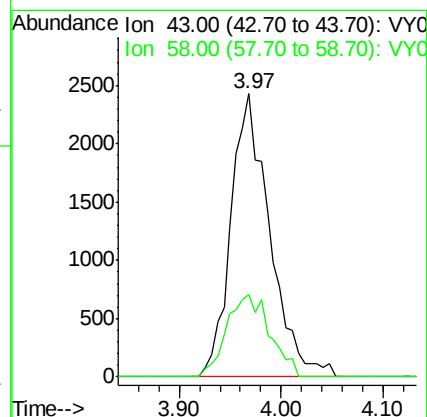
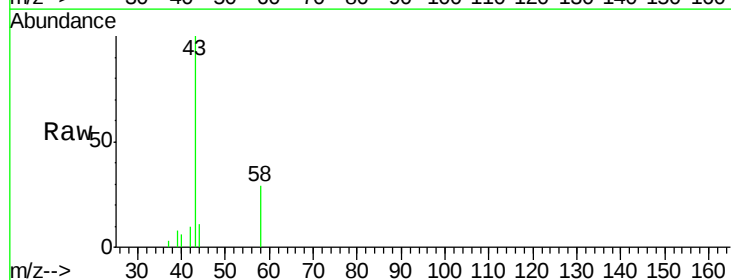
Tot Ion: 59 Resp: 19
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

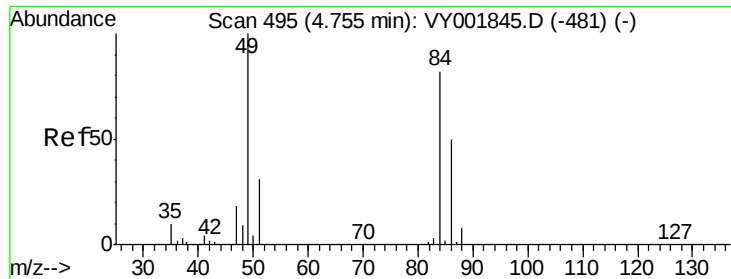


#16

Acetone
 Concen: 24.903 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001927.D
 Acq: 10 Mar 2020 17:11

Tgt Ion: 43 Resp: 6402
 Ion Ratio Lower Upper
 43 100
 58 29.3 25.9 38.9

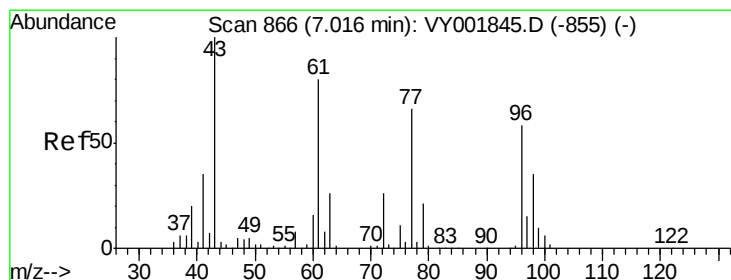
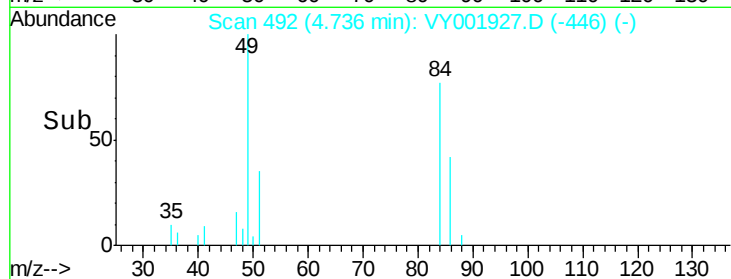
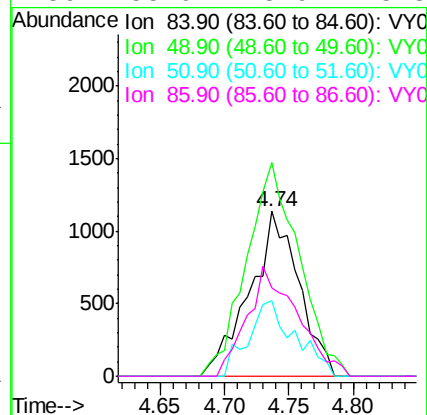
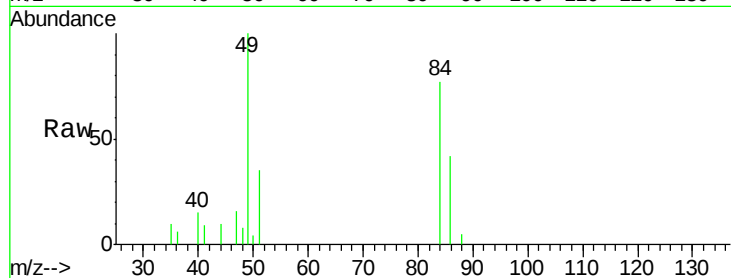




#20
Methvlene Chloride
Concen: 2.737 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001927.D
Acq: 10 Mar 2020 17:11

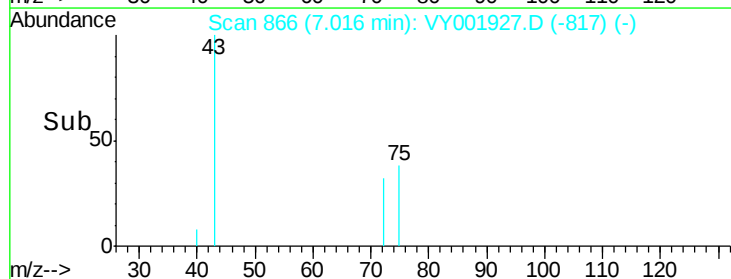
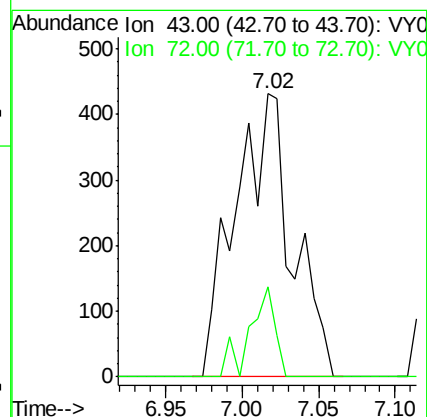
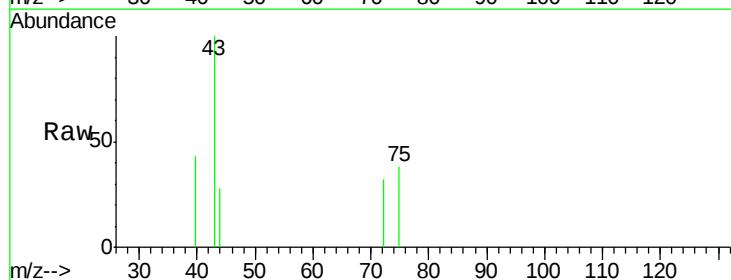
Instrument :
MSVOA_Y
ClientSampled :

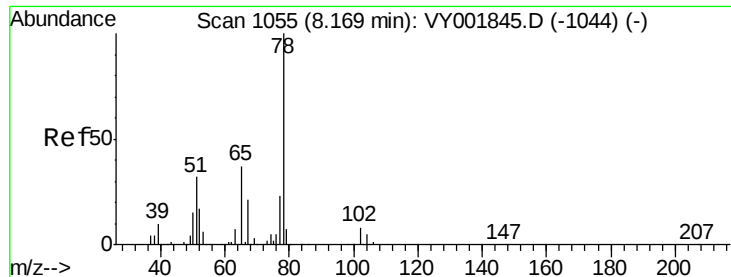
Tot Ion: 84 Resp: 3016
Ion Ratio Lower Upper
84 100
49 129.7 98.2 147.2
51 45.6 30.2 45.2#
86 53.9 48.9 73.3



#25
2-Butanone
Concen: 2.865 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001927.D
Acq: 10 Mar 2020 17:11

Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
72 31.7 20.9 31.3#

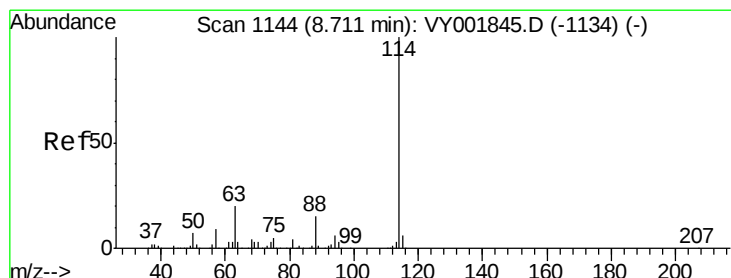
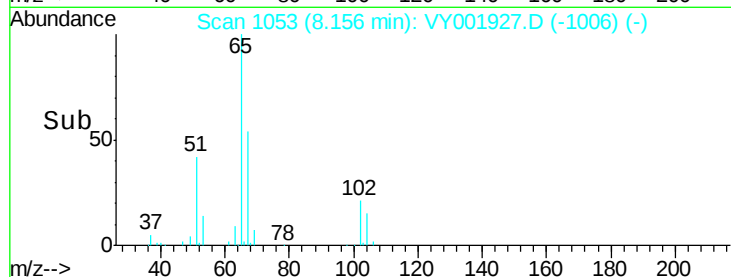
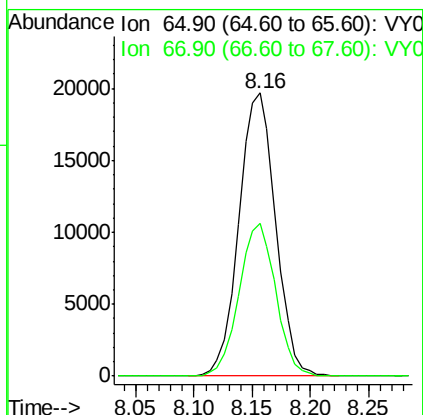
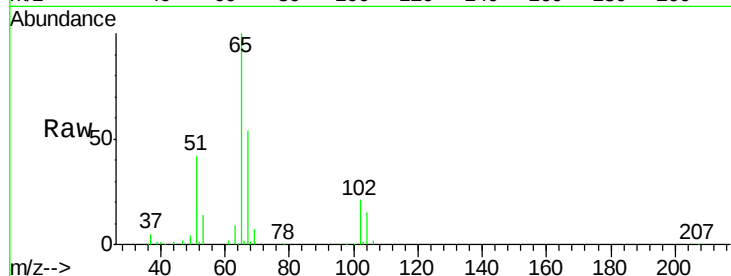




#33
 1,2-Dichloroethane-d4
 Concen: 48.941 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001927.D
 Acq: 10 Mar 2020 17:11

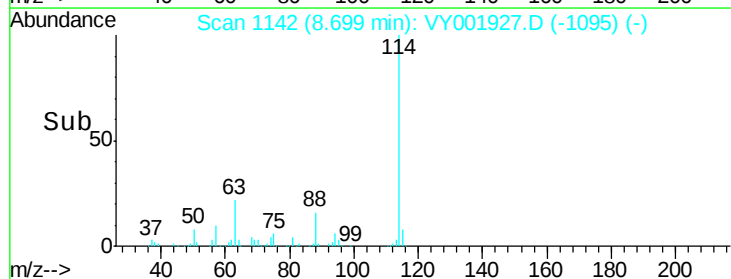
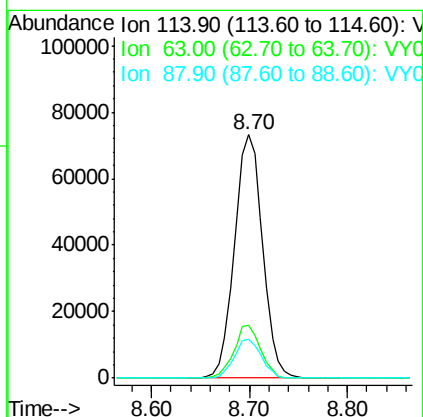
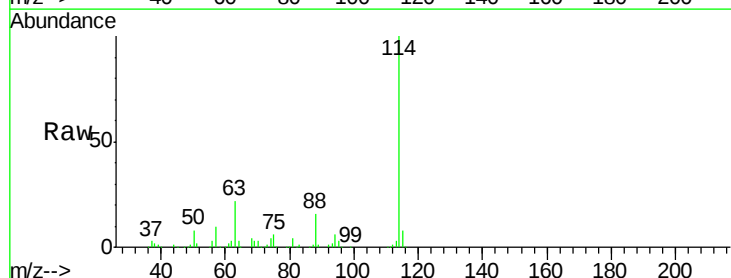
Instrument :
 MSVOA_Y
 ClientSampleId :

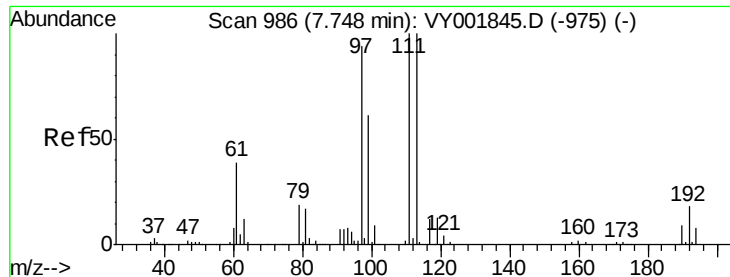
Tot Ion: 65 Resp: 43198
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001927.D
 Acq: 10 Mar 2020 17:11

Tgt Ion: 114 Resp: 145348
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.4
 88 16.0 0.0 30.4

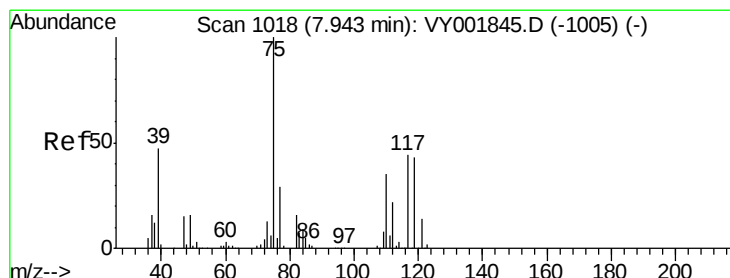
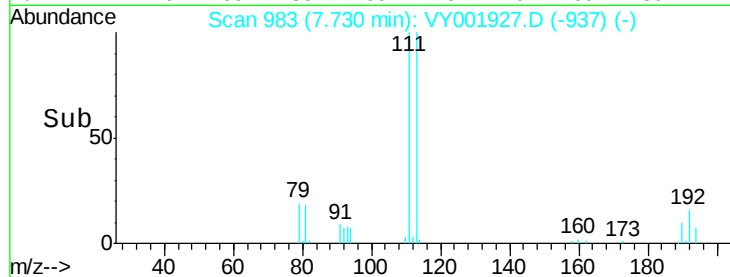
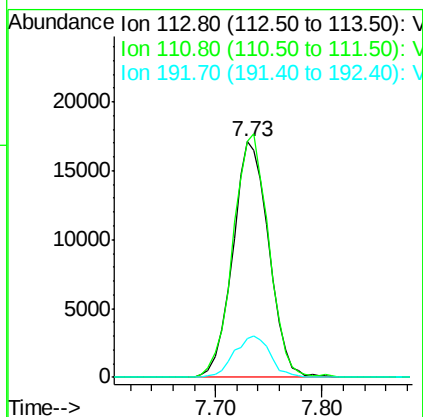
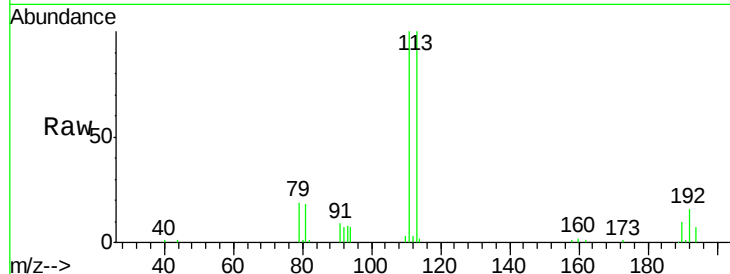




#35
 Dibromofluoromethane
 Concen: 51.039 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001927.D
 Acq: 10 Mar 2020 17:11

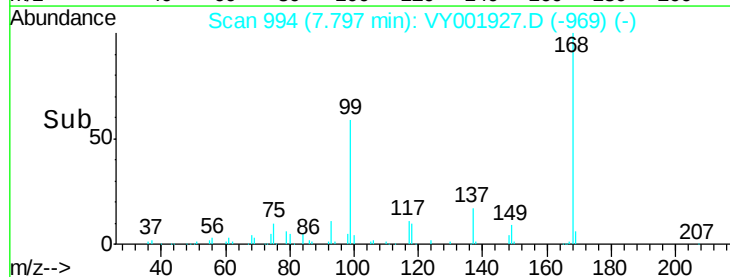
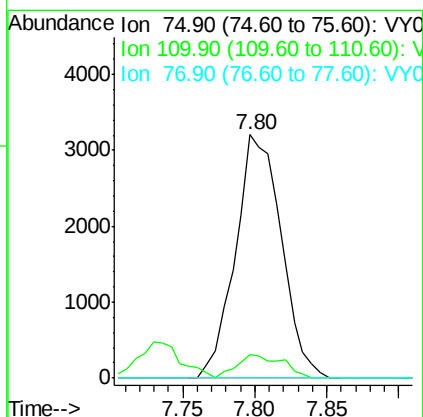
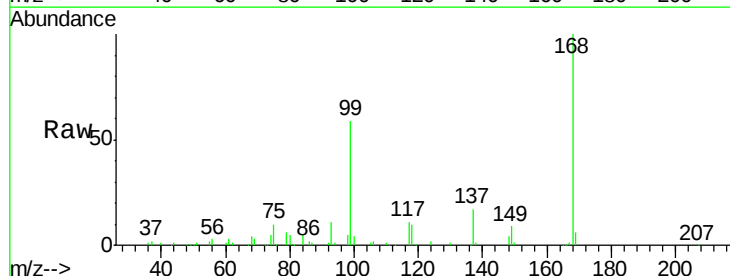
Instrument :
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 ClientSampleId :

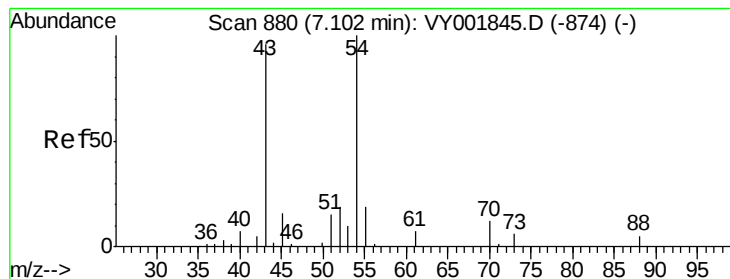
Tot Ion:113 Resp: 40508
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 17.6 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.15 min
 Lab File: VY001927.D
 Acq: 10 Mar 2020 17:11

Tgt Ion: 75 Resp: 7081
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.4 52.2#
 77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.378 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.09 min

Lab File: VY001927.D

Acq: 10 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

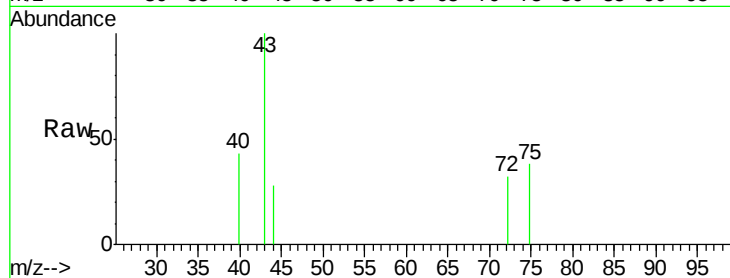
Tot Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

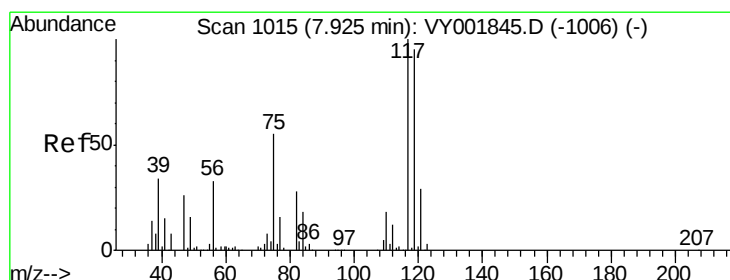
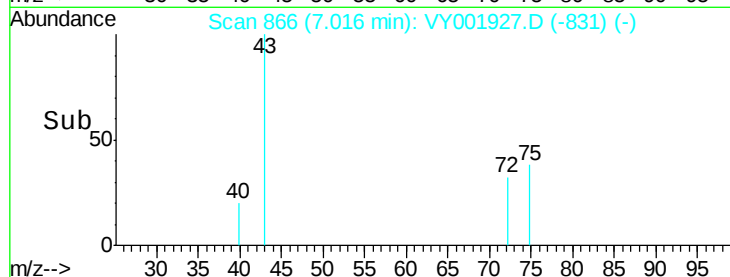
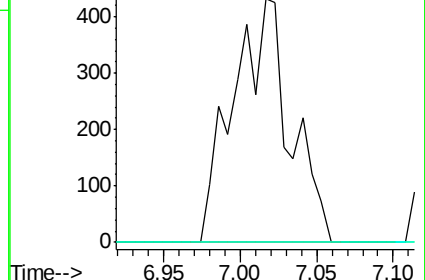
70 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VY001927.D (-866) (-)

Ion 60.90 (60.60 to 61.60): VY001927.D (-866) (-)

Ion 70.00 (69.70 to 70.70): VY001927.D (-866) (-)



#38

Carbon Tetrachloride

Concen: 7.197 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001927.D

Acq: 10 Mar 2020 17:11

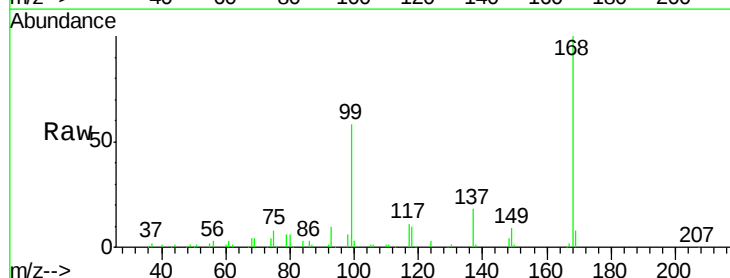
Tgt Ion: 117 Resp: 8599

Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

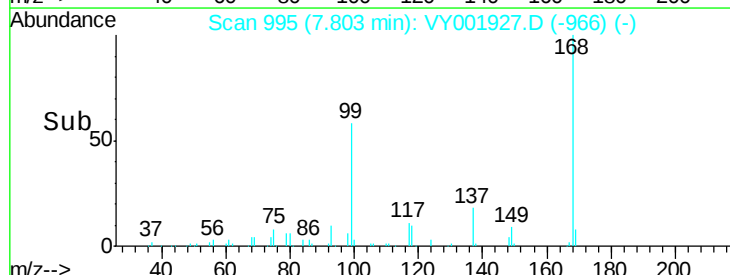
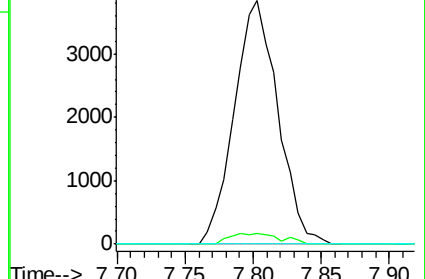
121 0.0 23.5 35.3#

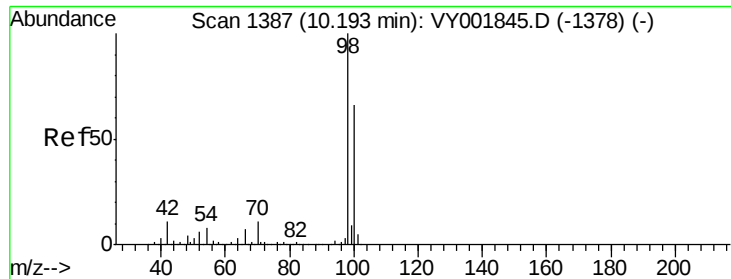


Abundance Ion 116.80 (116.50 to 117.50): VY001927.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001927.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001927.D (-966) (-)





#50

Toluene-d8

Concen: 51.474 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001927.D

Acq: 10 Mar 2020 17:11

Instrument :

MSVOA_Y

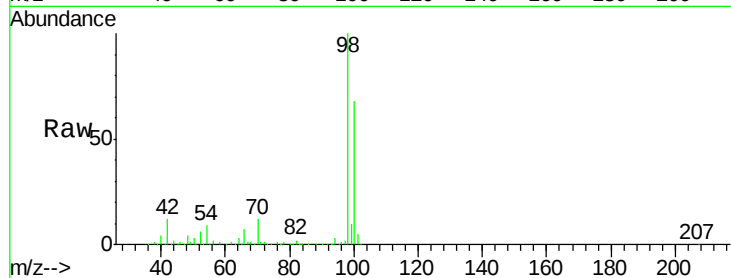
ClientSampled :

Tot Ion: 98 Resp: 172271

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

100000

80000

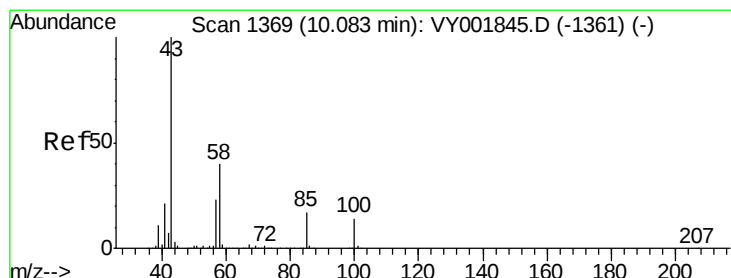
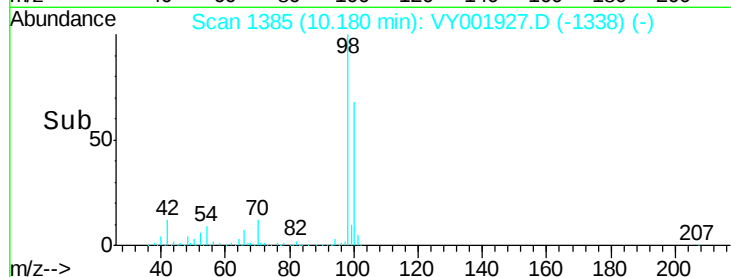
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.066 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001927.D

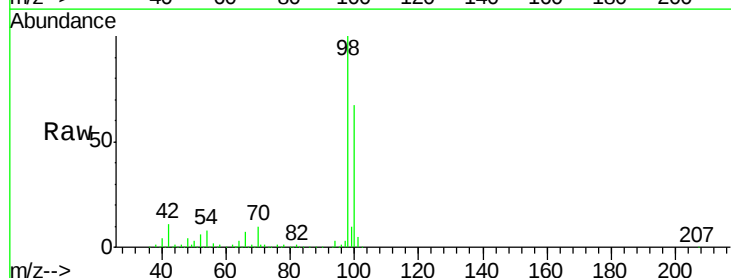
Acq: 10 Mar 2020 17:11

Tgt Ion: 43 Resp: 845

Ion Ratio Lower Upper

43 100

58 179.5 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.19

1000

800

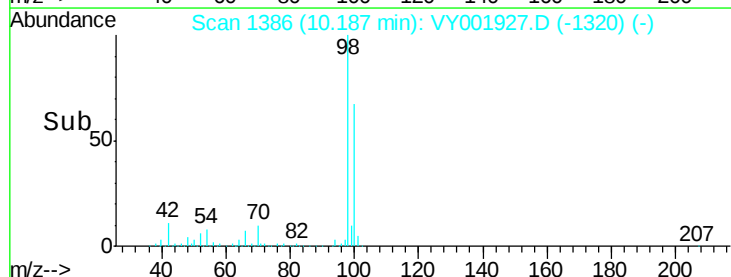
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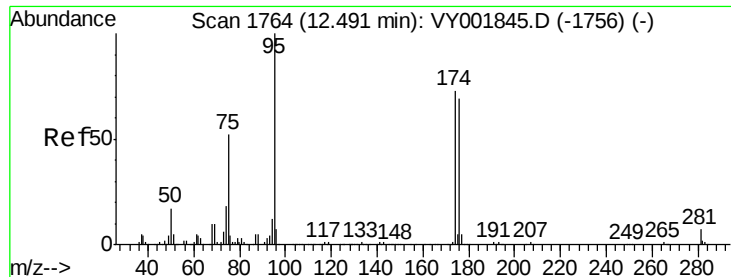
400

200

0

Time-->

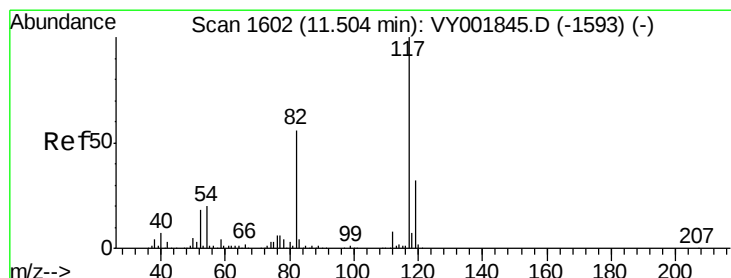
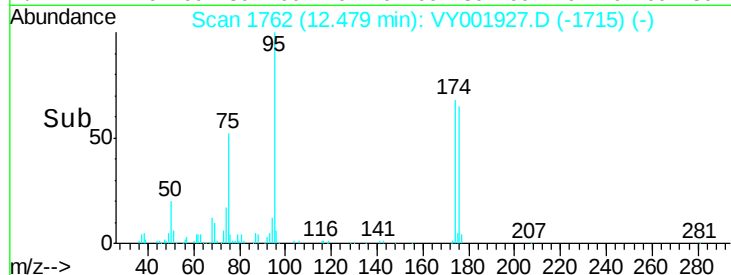
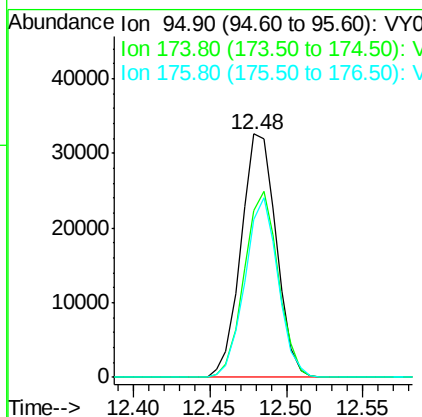
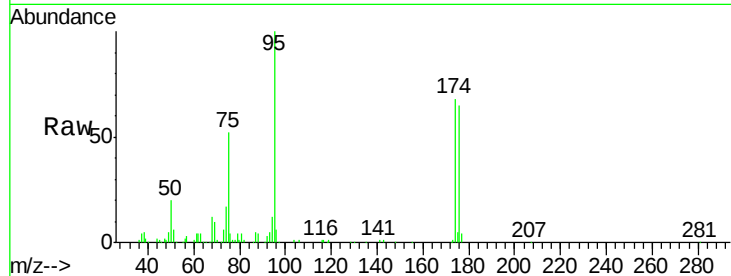




#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001927.D
Acq: 10 Mar 2020 17:11

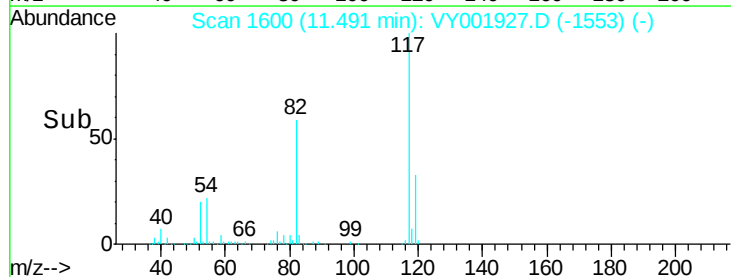
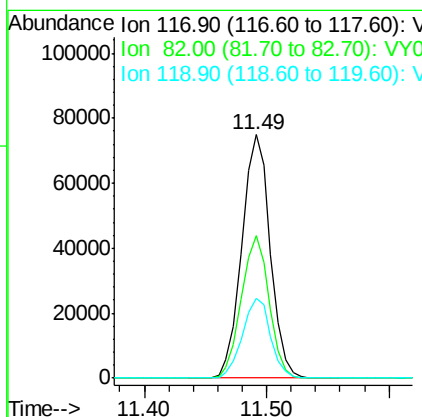
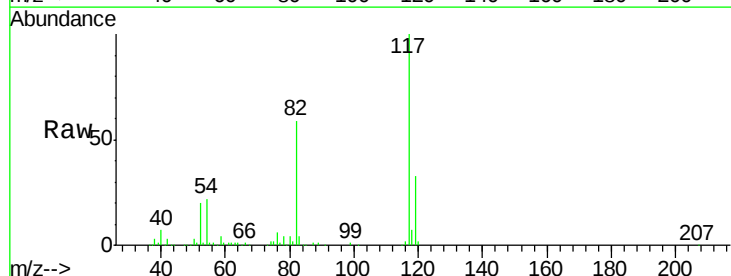
Instrument :
MSVOA_Y
ClientSampleId :

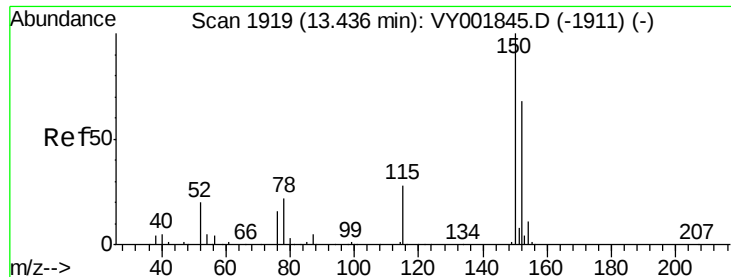
Tot Ion: 95 Resp: 52269
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 69.5 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001927.D
Acq: 10 Mar 2020 17:11

Tgt Ion: 117 Resp: 119823
Ion Ratio Lower Upper
117 100
82 58.7 44.5 66.7
119 32.7 25.7 38.5



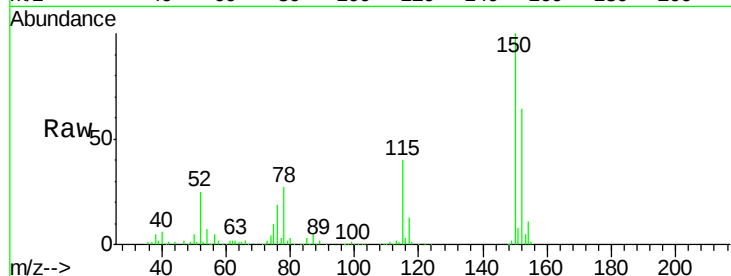


#72

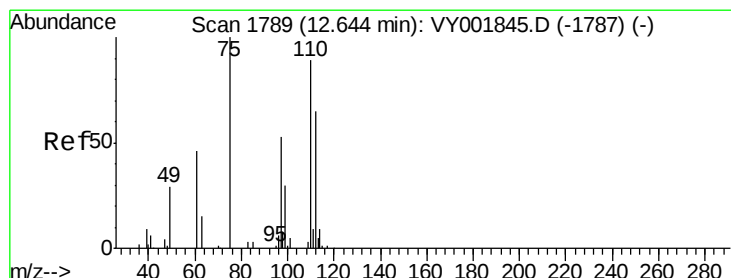
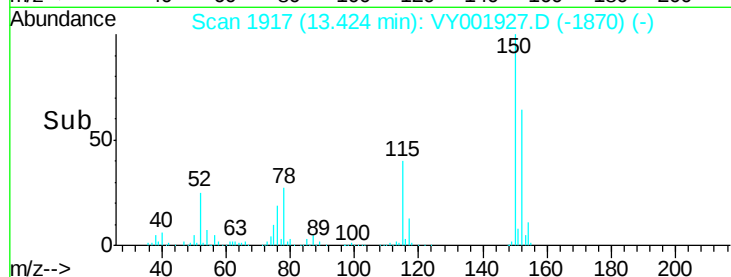
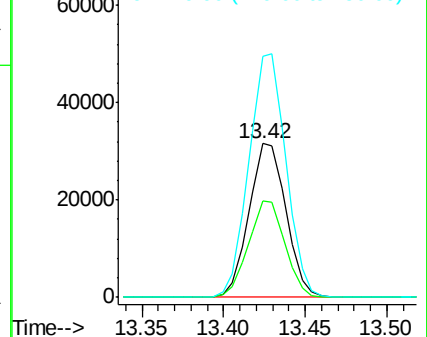
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001927.D
Acq: 10 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 50128
Ion Ratio Lower Upper
152 100
115 61.5 29.9 89.7
150 158.5 0.0 340.6



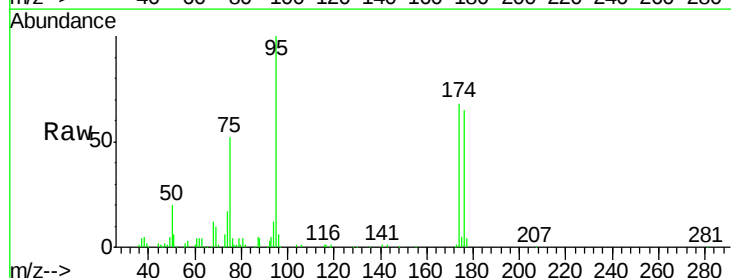
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



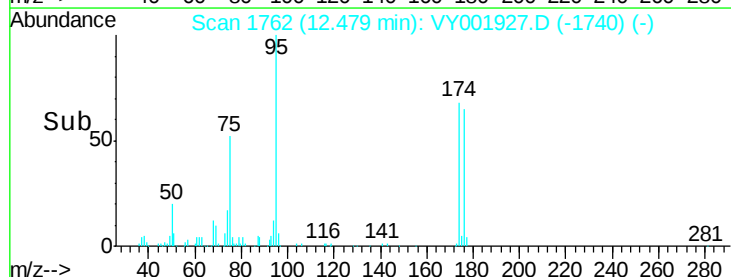
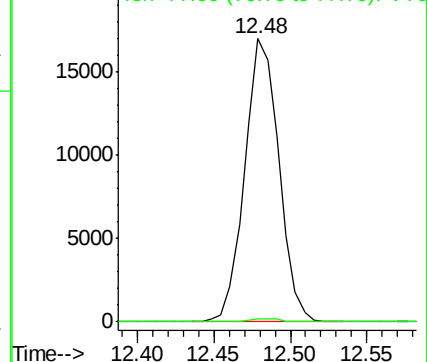
#76

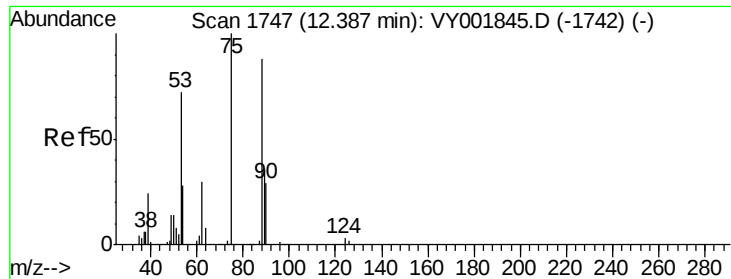
1,2,3-Trichloropropane
Concen: 44.210 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001927.D
Acq: 10 Mar 2020 17:11

Tgt Ion: 75 Resp: 26296
Ion Ratio Lower Upper
75 100
77 1.0 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: 89.301 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001927.D

Acq: 10 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 26296

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#

