

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
 Data File : VY002663.D
 Acq On : 12 May 2020 13:09
 Operator : SY/MD
 Sample : L2575-05
 Misc : 7.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-29

Quant Time: May 13 02:24:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	552016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	485737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242212	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	147189	48.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	7.73	113	161462	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.18	98	642195	52.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.48	95	207696	49.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.30%	

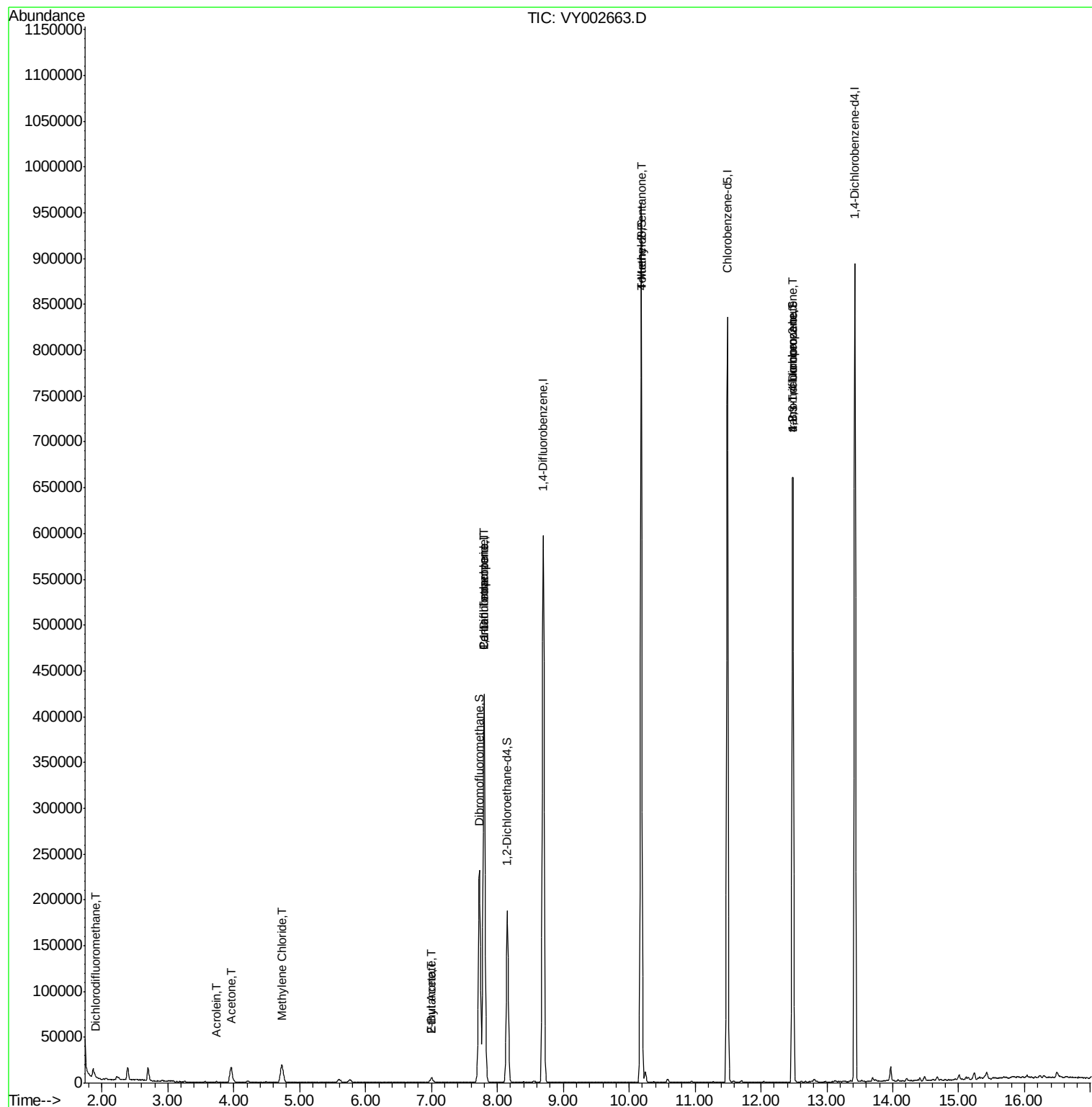
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	130	1.83	ug/l #	43
13) Acrolein	3.74	56	901	4.21	ug/l #	47
16) Acetone	3.96	43	28375	45.68	ug/l	94
20) Methylene Chloride	4.73	84	15730	4.53	ug/l	98
25) 2-Butanone	7.00	43	6164	6.06	ug/l	93
36) 1,1-Dichloropropene	7.80	75	22297	4.82	ug/l #	50
37) Ethyl Acetate	7.00	43	6164	2.59	ug/l #	70
38) Carbon Tetrachloride	7.80	117	31736	6.28	ug/l #	15
51) 4-Methyl-2-Pentanone	10.18	43	2534	1.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	100048	46.48	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	100048	93.20	ug/l #	15

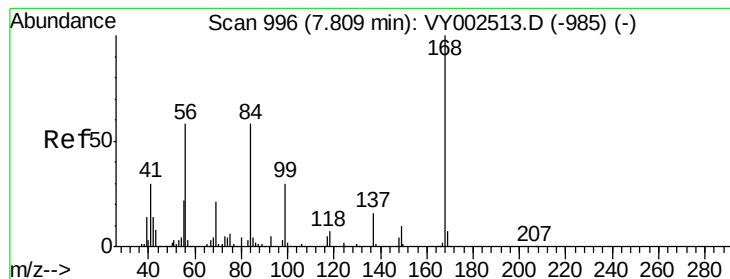
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
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Instrument :
MSVOA_Y
ClientSampled :
TP-29

Quant Time: May 13 02:24:02 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampleId :

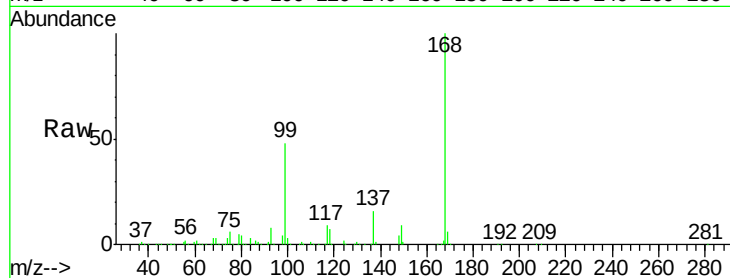
TP-29

Tgt Ion:168 Resp: 357934

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

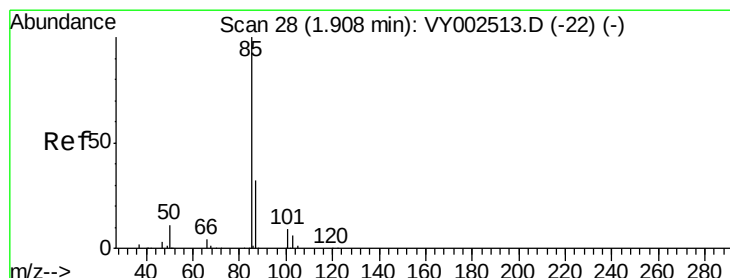
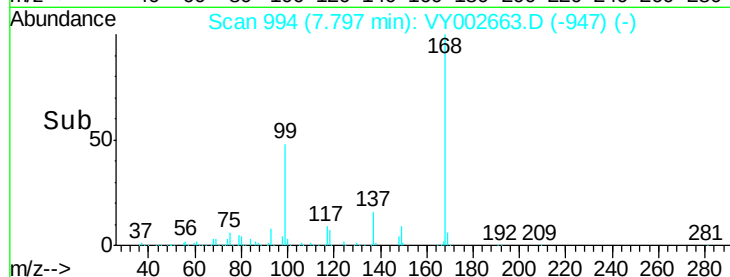
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.83 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002663.D

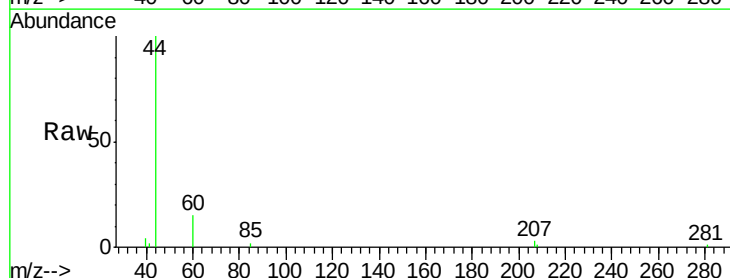
Acq: 12 May 2020 13:09

Tgt Ion: 85 Resp: 130

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

120

100

80

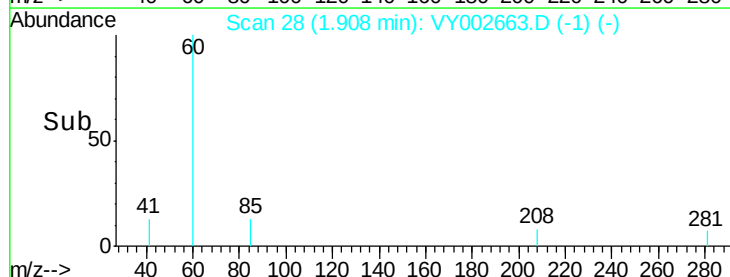
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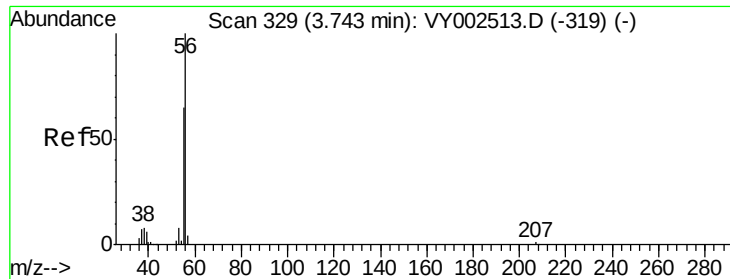
40

20

0

Time-->





#13

Acrolein

Concen: 4.21 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampled :

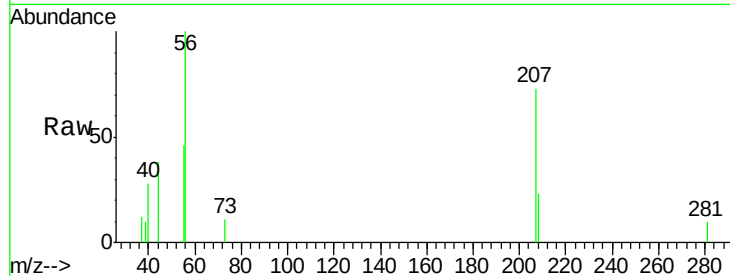
TP-29

Tgt Ion: 56 Resp: 901

Ion Ratio Lower Upper

56 100

55 109.9 53.8 80.6#



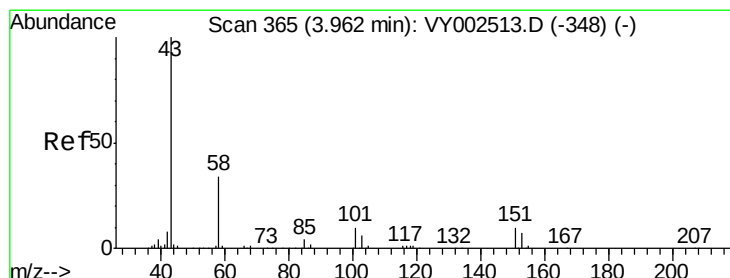
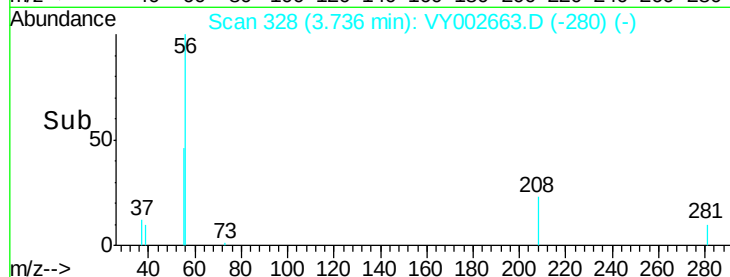
Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

3.70 3.75 3.80

Time-->



#16

Acetone

Concen: 45.68 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002663.D

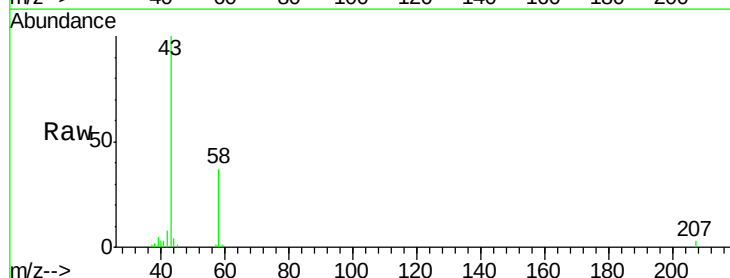
Acq: 12 May 2020 13:09

Tgt Ion: 43 Resp: 28375

Ion Ratio Lower Upper

43 100

58 37.2 26.9 40.3



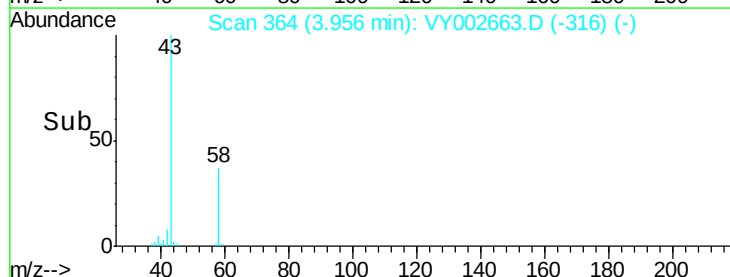
Abundance Ion 43.00 (42.70 to 43.70): VY0

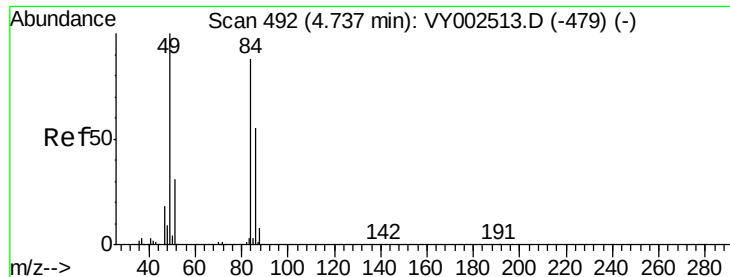
Ion 58.00 (57.70 to 58.70): VY0

3.96

3.90 4.00 4.10

Time-->

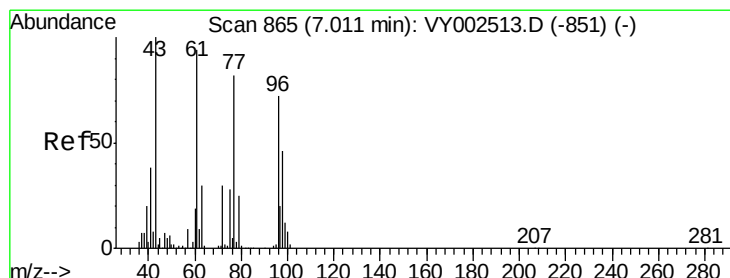
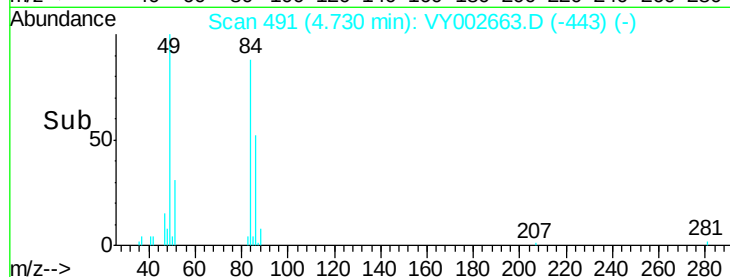
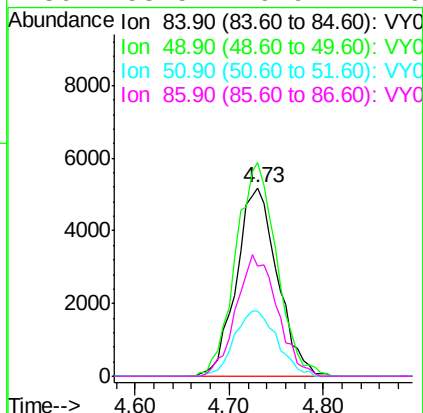
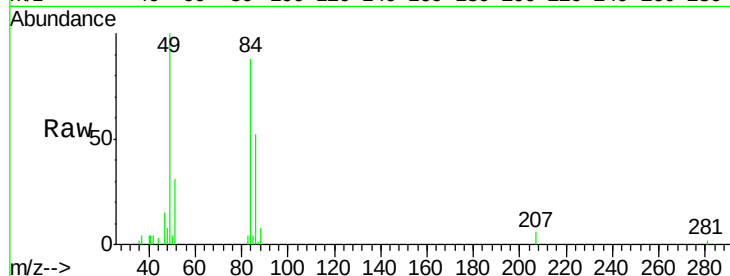




#20
Methylene Chloride
Concen: 4.53 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

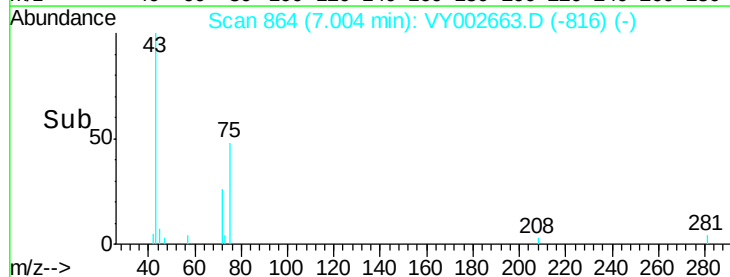
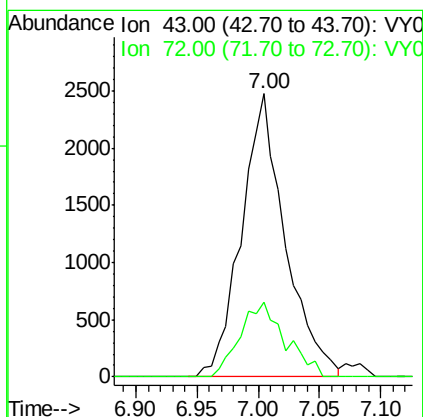
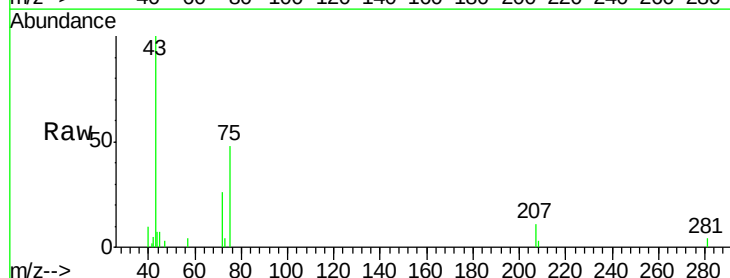
Instrument :
MSVOA_Y
ClientSampled :
TP-29

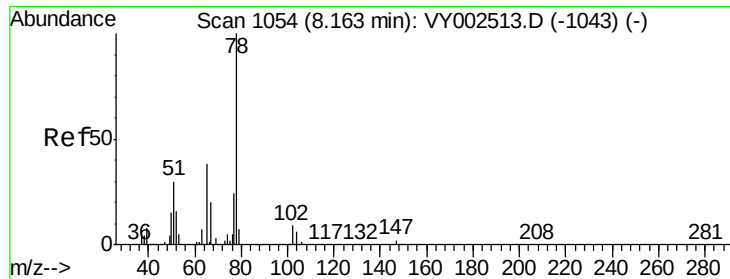
Tgt Ion:	84	Resp:	15730
Ion	Ratio	Lower	Upper
84	100		
49	113.2	90.5	135.7
51	34.8	28.3	42.5
86	58.5	49.9	74.9



#25
2-Butanone
Concen: 6.06 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

Tgt Ion:	43	Resp:	6164
Ion	Ratio	Lower	Upper
43	100		
72	26.3	24.1	36.1

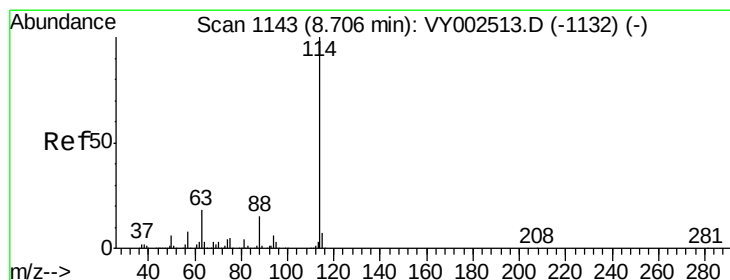
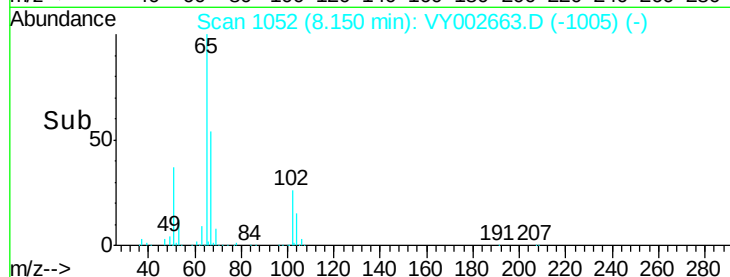
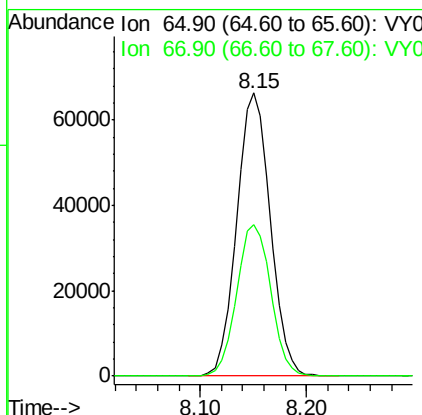
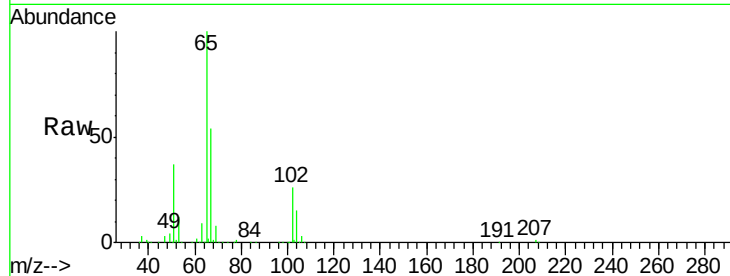




#33
 1,2-Dichloroethane-d4
 Concen: 48.91 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002663.D
 Acq: 12 May 2020 13:09

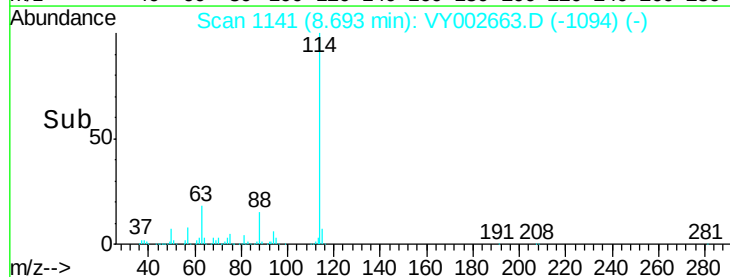
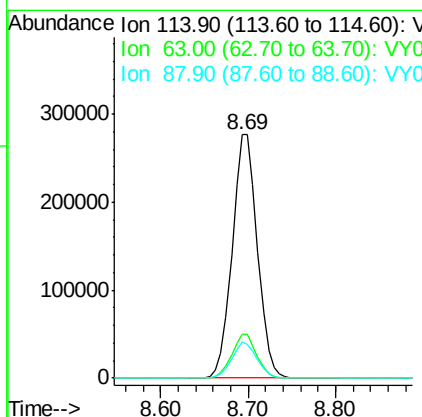
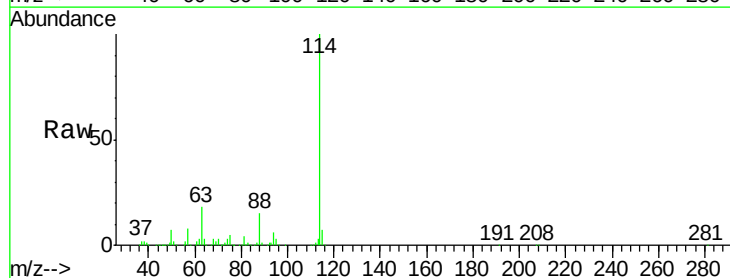
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-29

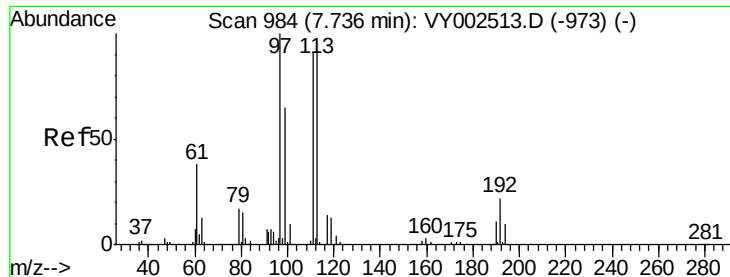
Tgt Ion: 65 Resp: 147189
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002663.D
 Acq: 12 May 2020 13:09

Tgt Ion: 114 Resp: 552016
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.4
 88 14.8 0.0 29.6

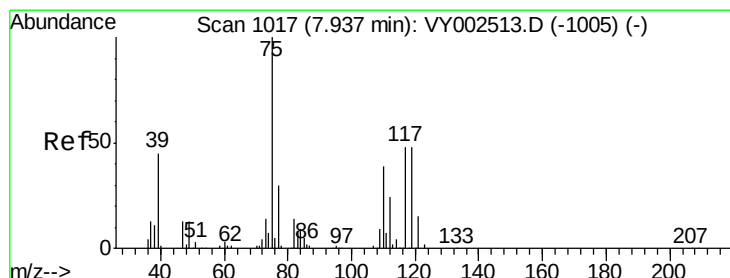
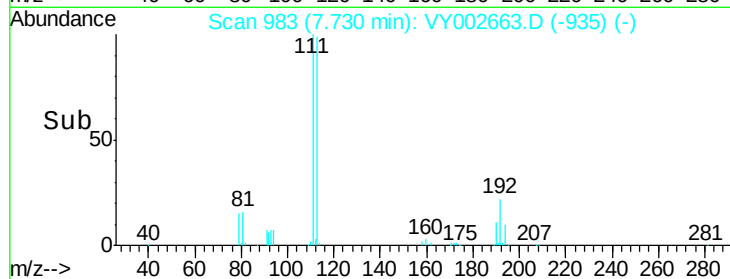
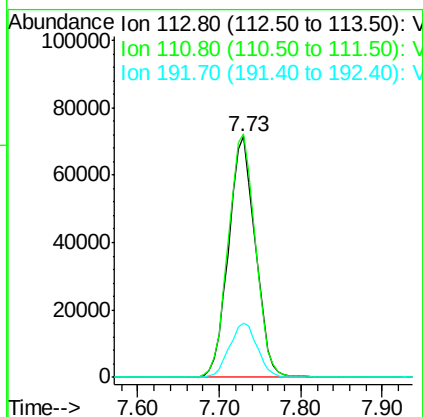
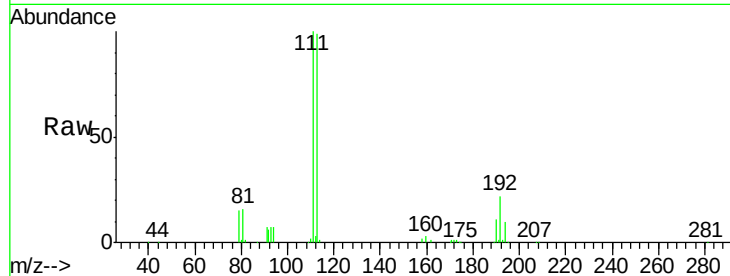




#35
 Dibromofluoromethane
 Concen: 51.14 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002663.D
 Acq: 12 May 2020 13:09

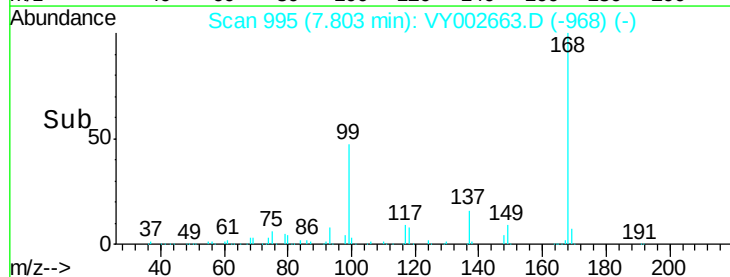
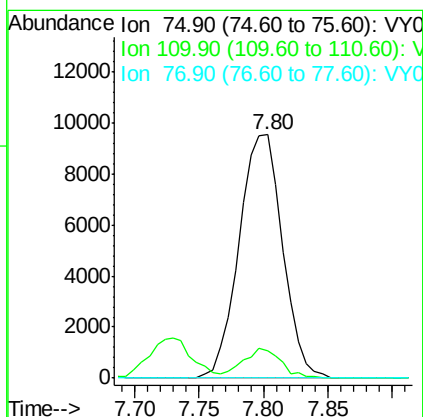
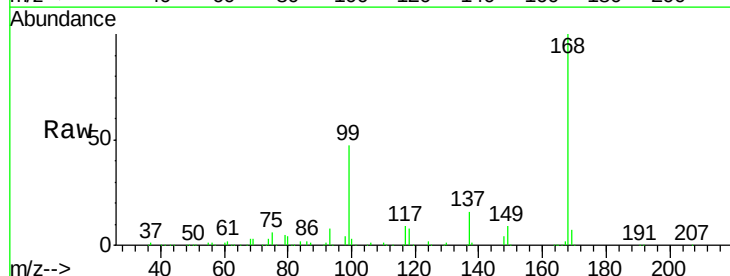
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-29

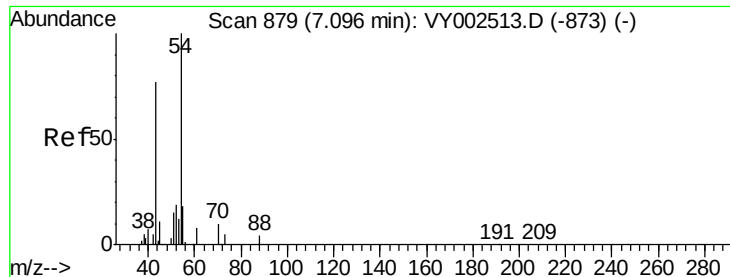
Tgt Ion: 113 Resp: 161462
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 23.3 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.82 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002663.D
 Acq: 12 May 2020 13:09

Tgt Ion: 75 Resp: 22297
 Ion Ratio Lower Upper
 75 100
 110 10.7 19.1 57.3#
 77 0.0 24.6 37.0#

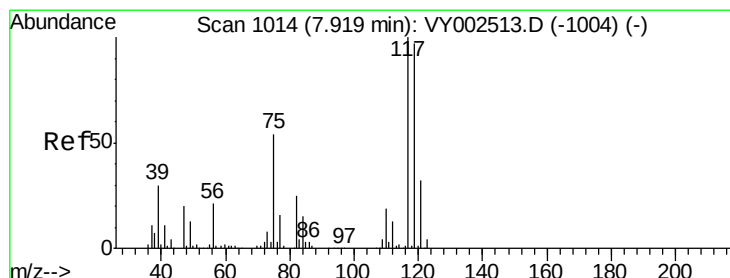
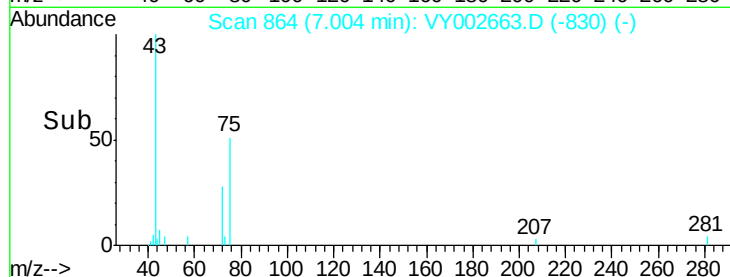
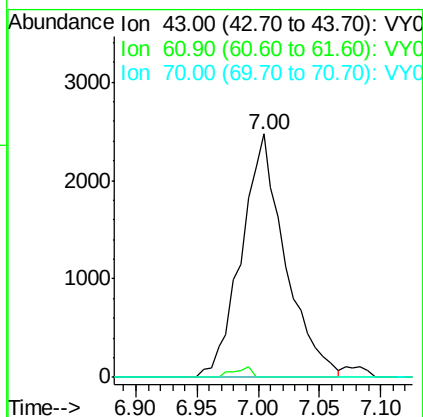
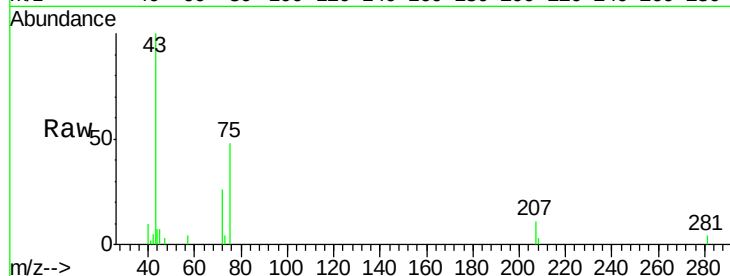




#37
Ethyl Acetate
Concen: 2.59 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.09 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

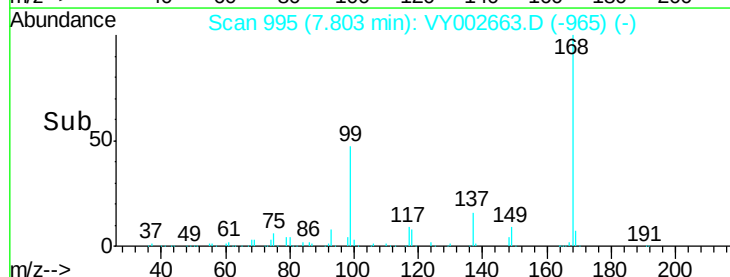
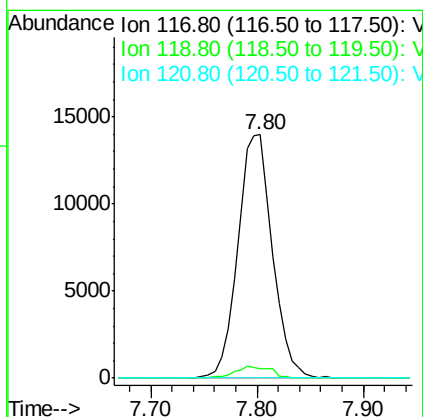
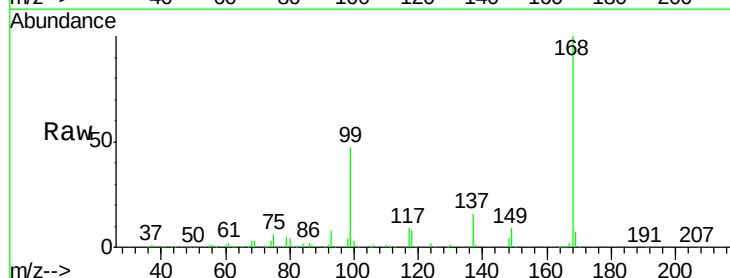
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MSVOA_Y
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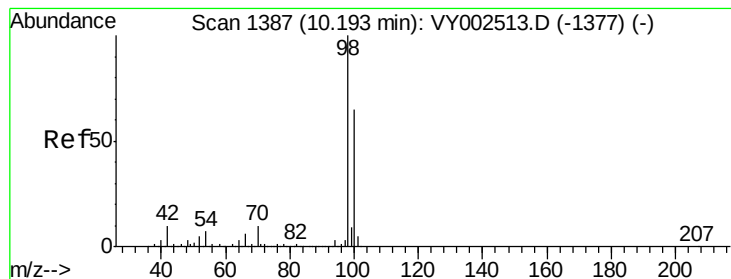
Tgt Ion: 43 Resp: 6164
Ion Ratio Lower Upper
43 100
61 1.7 11.6 17.4#
70 0.0 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

Tgt Ion: 117 Resp: 31736
Ion Ratio Lower Upper
117 100
119 3.9 77.1 115.7#
121 0.0 25.2 37.8#





#50

Toluene-d8

Concen: 52.09 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampled :

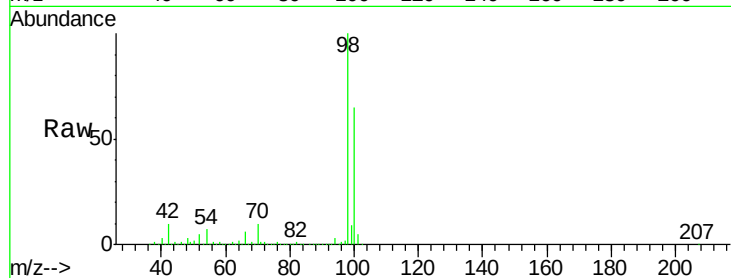
TP-29

Tgt Ion: 98 Resp: 642195

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)

10.18

400000

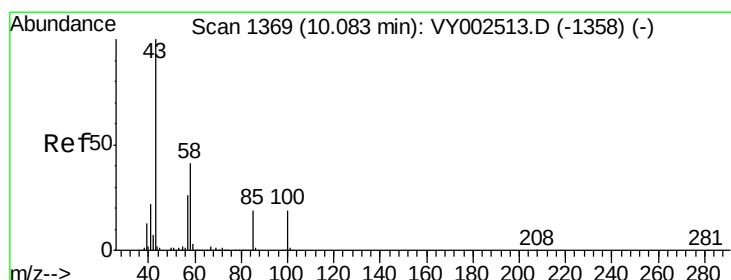
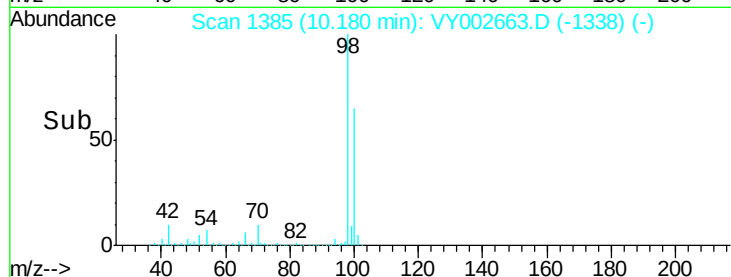
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.10 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002663.D

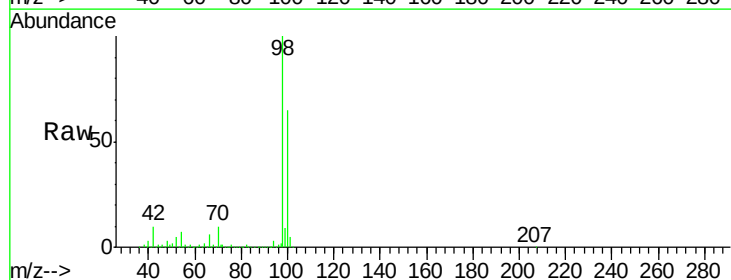
Acq: 12 May 2020 13:09

Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

58 195.0 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.18

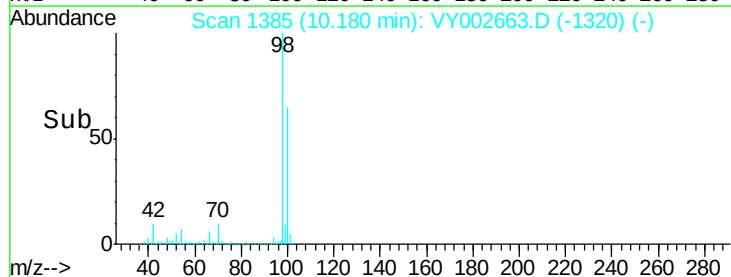
3000

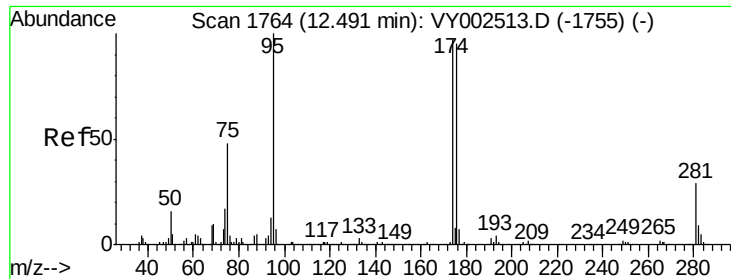
2000

1000

0

Time-->

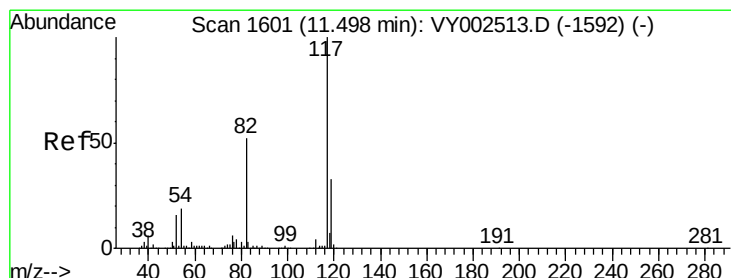
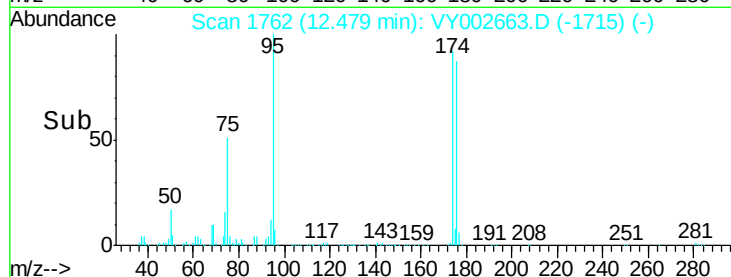
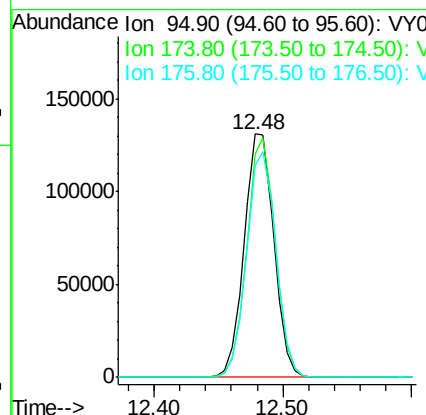
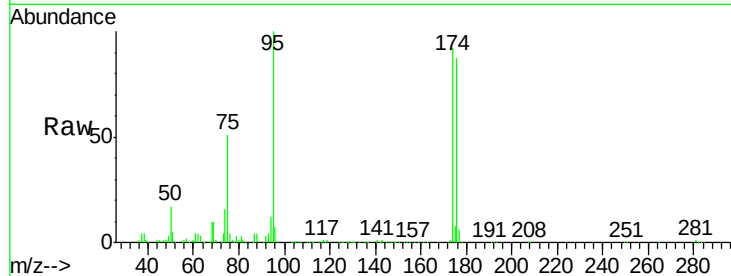




#62
4-Bromofluorobenzene
Concen: 49.65 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

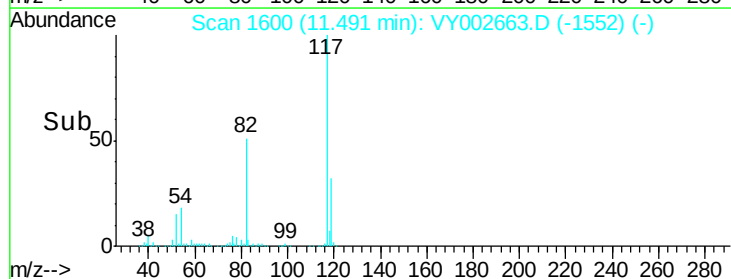
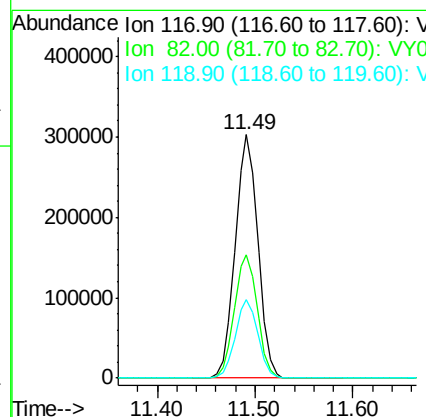
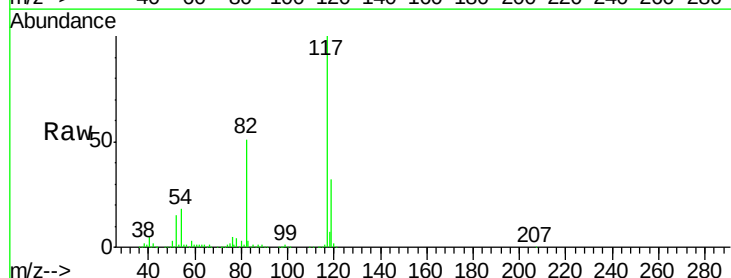
Instrument :
MSVOA_Y
ClientSampleId :
TP-29

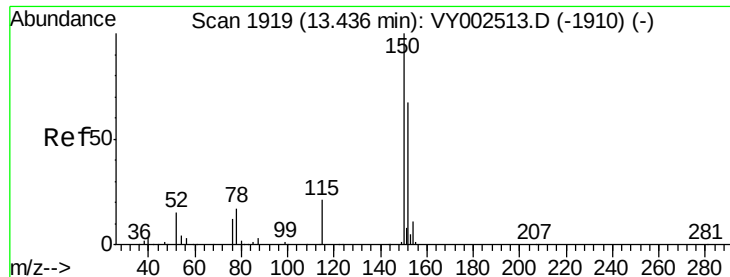
Tgt Ion: 95 Resp: 207696
Ion Ratio Lower Upper
95 100
174 94.3 0.0 188.8
176 90.8 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

Tgt Ion: 117 Resp: 485737
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampled :

TP-29

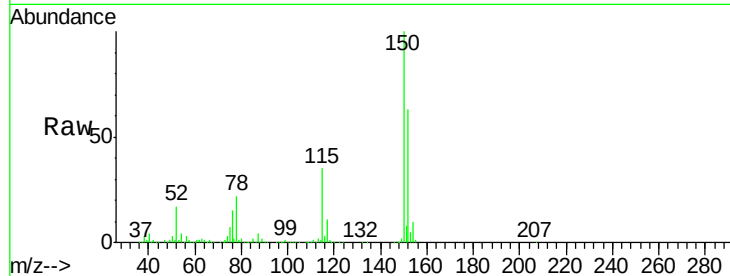
Tgt Ion:152 Resp: 242212

Ion Ratio Lower Upper

152 100

115 53.8 27.5 82.4

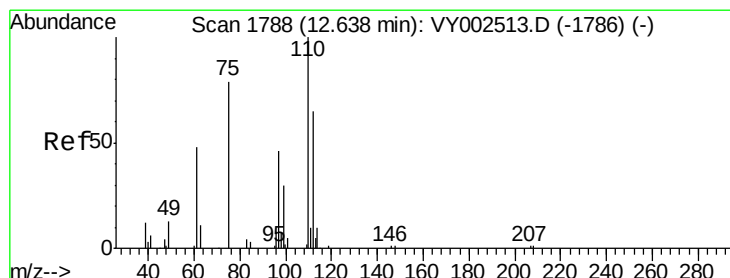
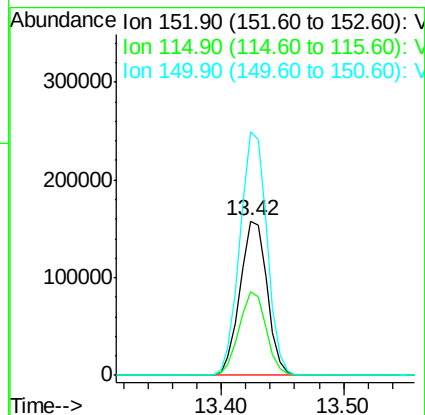
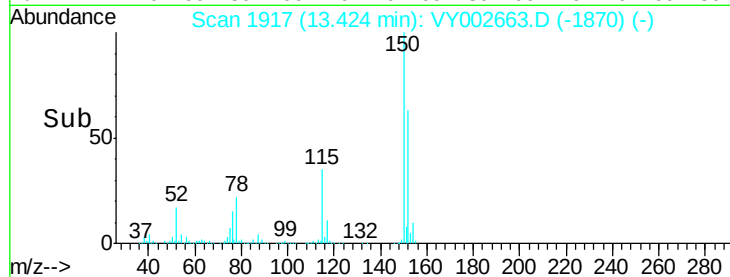
150 157.0 0.0 346.4



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: 46.48 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002663.D

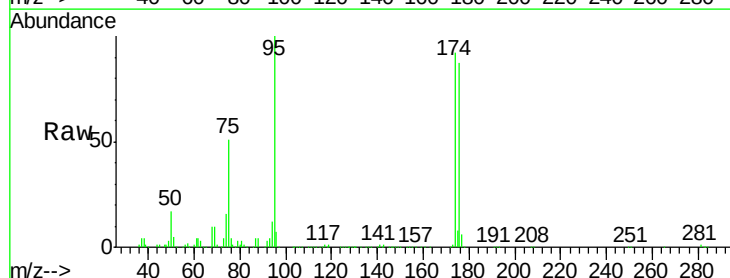
Acq: 12 May 2020 13:09

Tgt Ion: 75 Resp: 100048

Ion Ratio Lower Upper

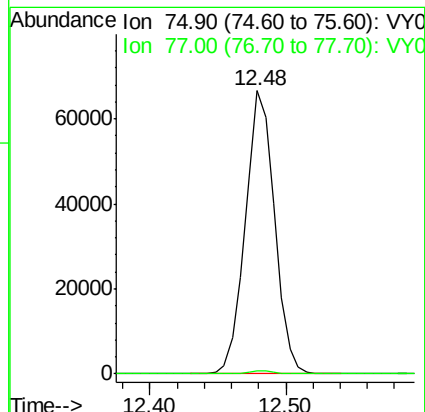
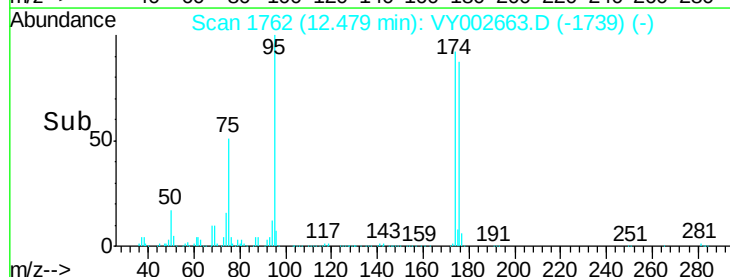
75 100

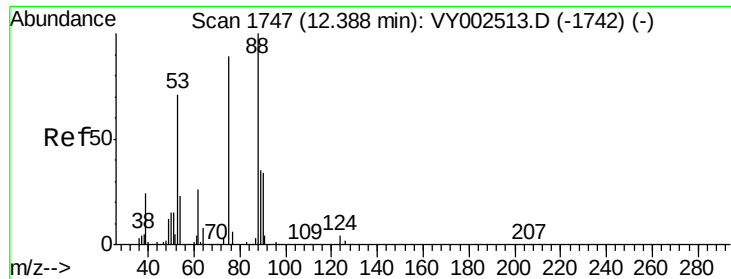
77 1.2 0.0 0.0#



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: 93.20 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-29

Tgt Ion: 75 Resp: 100048

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.2 37.4 56.0#

