

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003027.D
 Acq On : 30 Jun 2020 11:06
 Operator : SY/MD
 Sample : VY0630SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

Quant Time: Jul 01 05:06:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	527767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	774375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	709102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	374768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	254730	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.72	113	242601	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.18	98	890663	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.48	95	316015	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

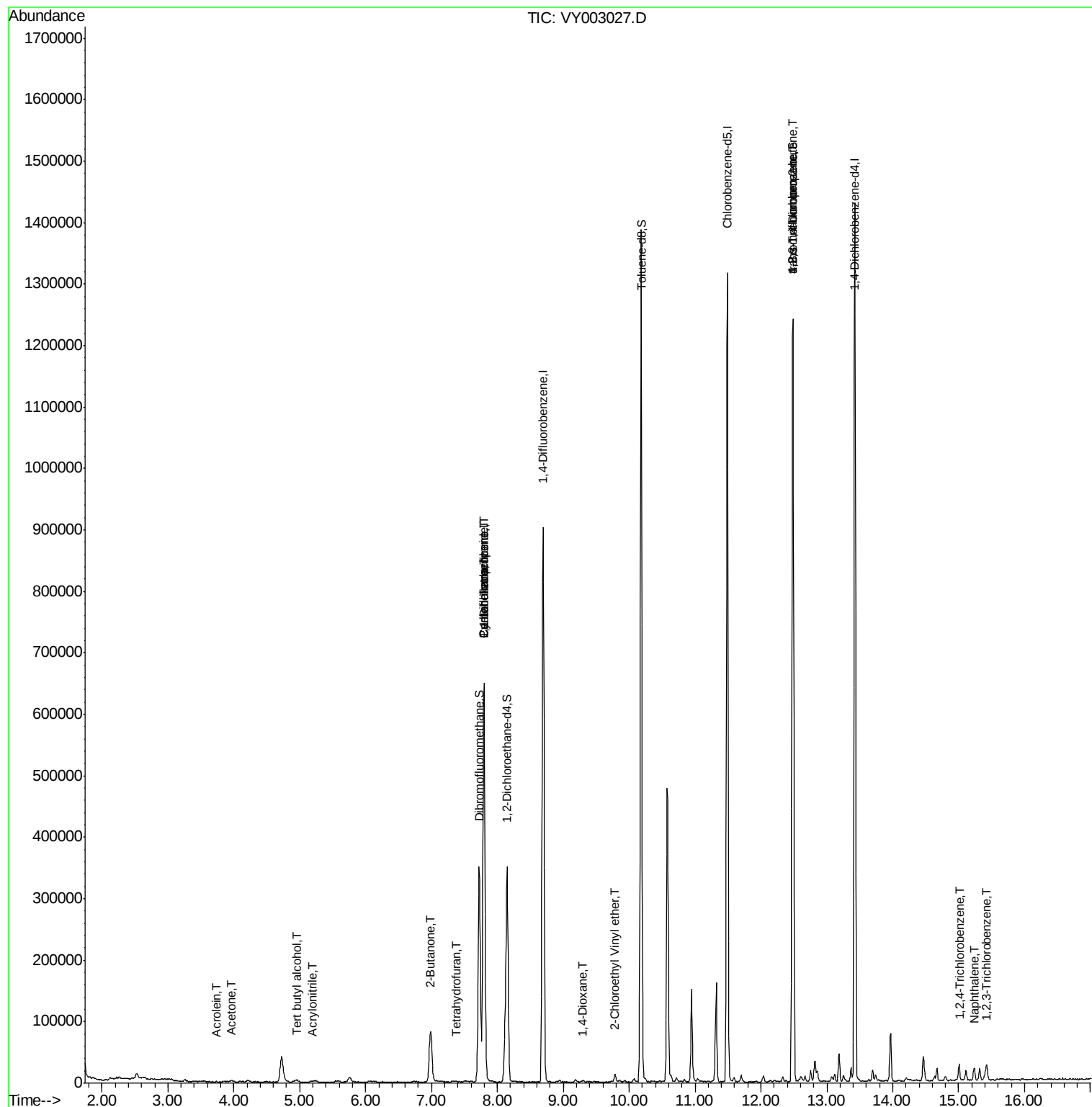
						Qvalue
11) Tert butyl alcohol	4.96	59	4427	8.287	ug/l #	83
13) Acrolein	3.74	56	559	1.165	ug/l	89
15) Acrylonitrile	5.19	53	2044	1.436	ug/l #	87
16) Acetone	3.96	43	3713	3.003	ug/l	97
20) Methylene Chloride	4.73	84	30503	Below Cal		95
25) 2-Butanone	6.99	43	5500	2.801	ug/l #	81
29) Tetrahydrofuran	7.37	42	1491	1.142	ug/l #	79
31) Cyclohexane	7.79	56	10193	1.106	ug/l #	6
36) 1,1-Dichloropropene	7.80	75	36311	4.868	ug/l #	51
38) Carbon Tetrachloride	7.80	117	46678	6.015	ug/l #	17
49) 1,4-Dioxane	9.30	88	135	3.604	ug/l #	56
58) 2-Chloroethyl Vinyl ether	9.78	63	5284	1.669	ug/l #	86
76) 1,2,3-Trichloropropane	12.48	75	165264	44.557	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	165264	86.689	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.01	180	8083	1.033	ug/l	100
95) Naphthalene	15.24	128	17022	1.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	8110	1.193	ug/l	96

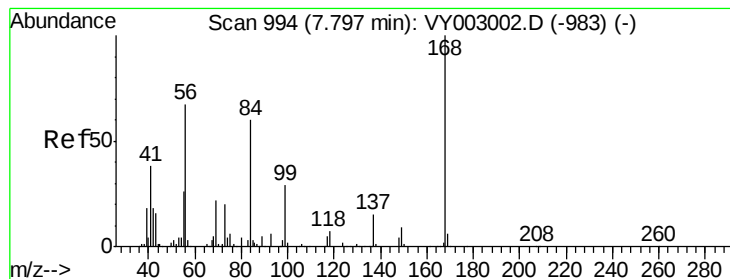
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003027.D
Acq On : 30 Jun 2020 11:06
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Sample : VY0630SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
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MSVOA_Y
ClientSampleId :
VY0630SBL01

Quant Time: Jul 01 05:06:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

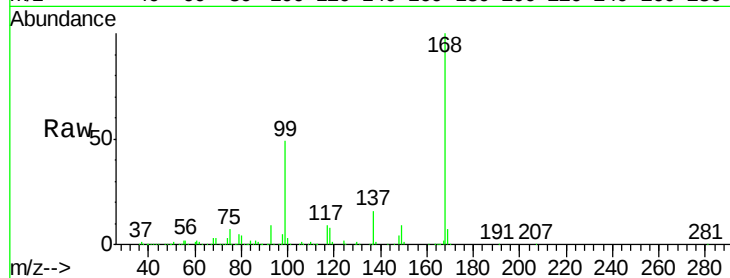
VY0630SBL01

Tot Ion:168 Resp: 527767

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003027.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003027.D (-945) (-)

7.80

250000

200000

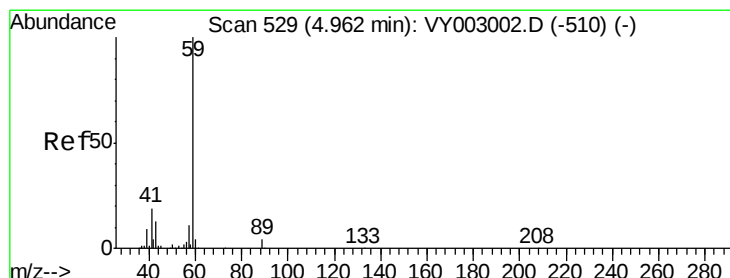
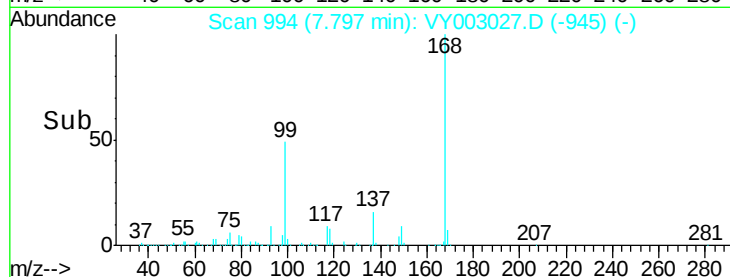
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.287 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003027.D

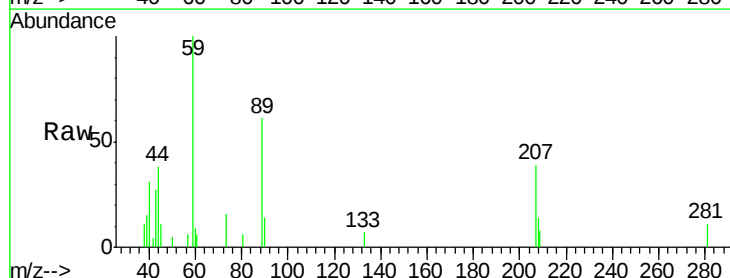
Acq: 30 Jun 2020 11:06

Tgt Ion: 59 Resp: 4427

Ion Ratio Lower Upper

59 100

57 3.8 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003027.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003027.D (-480) (-)

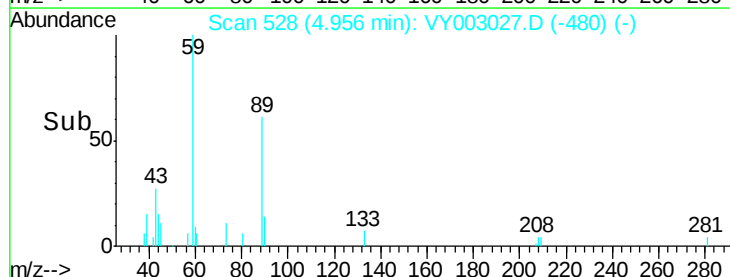
4.96

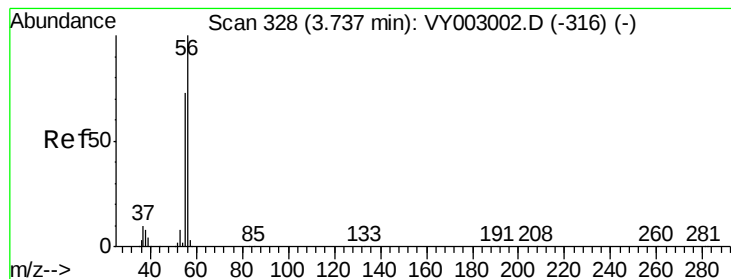
1000

500

0

Time-->





#13

Acrolein

Concen: 1.165 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Instrument :

MSVOA_Y

ClientSampled :

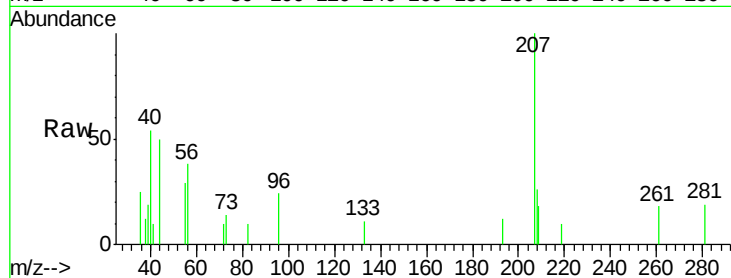
VY0630SBL01

Tot Ion: 56 Resp: 559

Ion Ratio Lower Upper

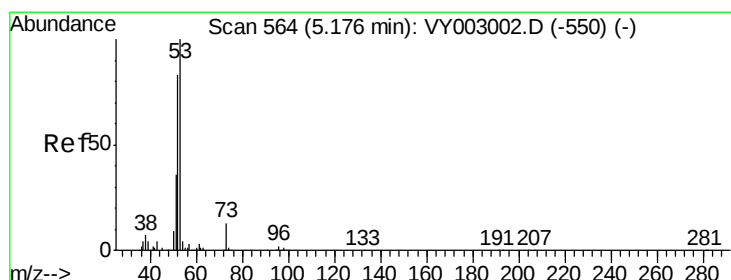
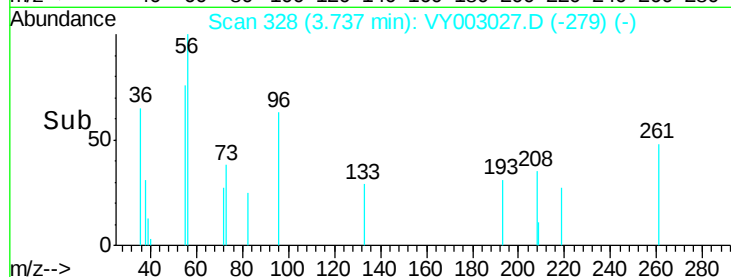
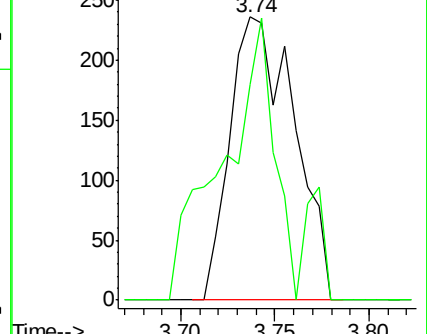
56 100

55 79.8 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#15

Acrylonitrile

Concen: 1.436 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

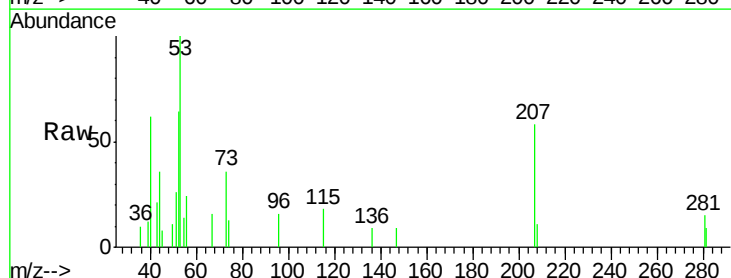
Tgt Ion: 53 Resp: 2044

Ion Ratio Lower Upper

53 100

52 74.7 66.2 99.2

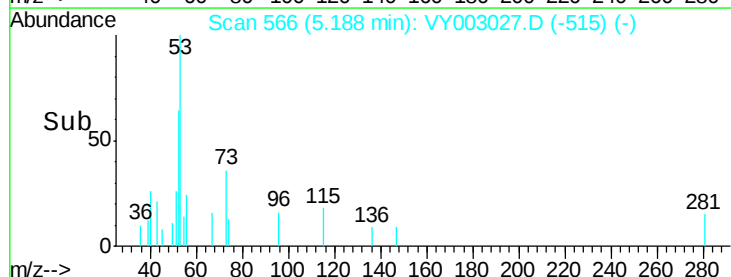
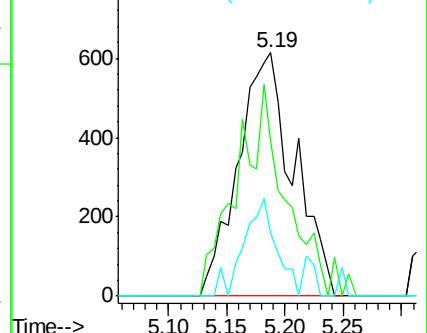
51 23.6 29.5 44.3#

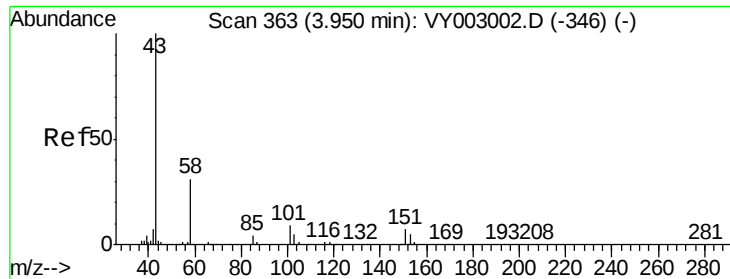


Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0





#16

Acetone

Concen: 3.003 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

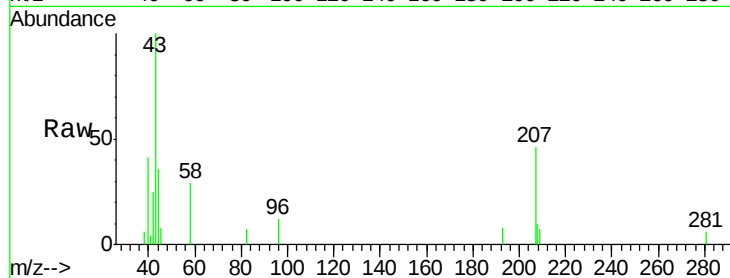
VY0630SBL01

Tot Ion: 43 Resp: 3713

Ion Ratio Lower Upper

43 100

58 29.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

1500

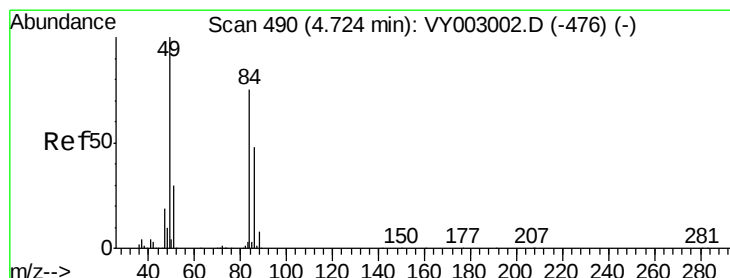
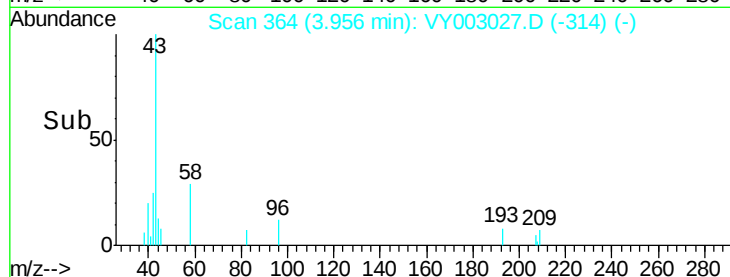
1000

500

0

3.85 3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Tgt Ion: 84 Resp: 30503

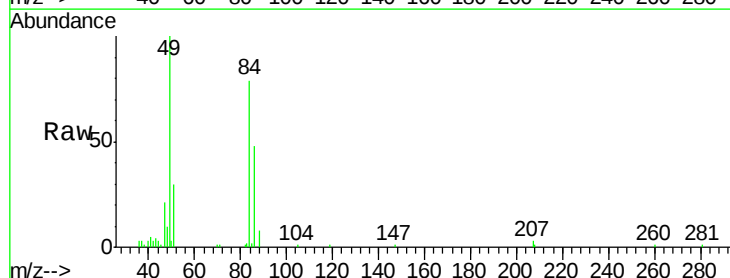
Ion Ratio Lower Upper

84 100

49 126.9 106.8 160.2

51 38.1 32.0 48.0

86 61.2 51.4 77.2



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

15000

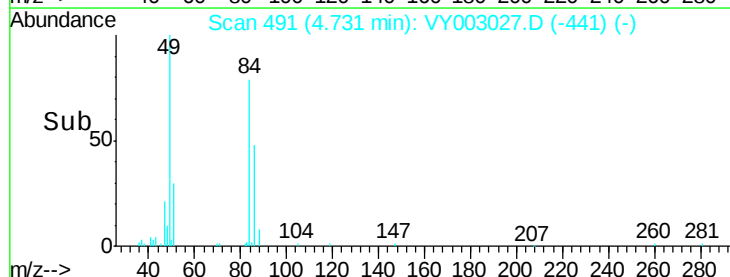
10000

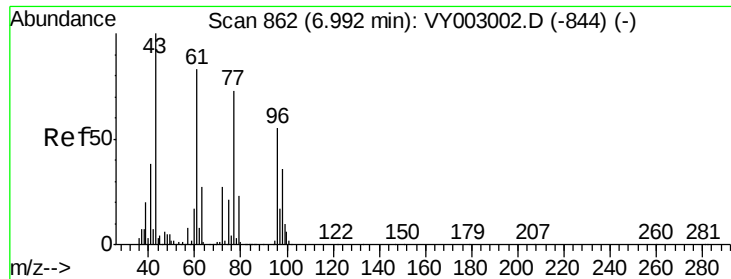
5000

0

4.60 4.70 4.80

Time-->

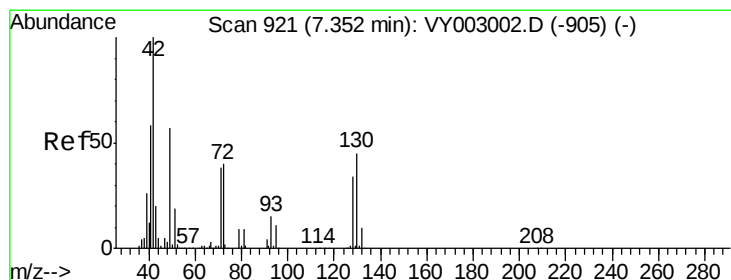
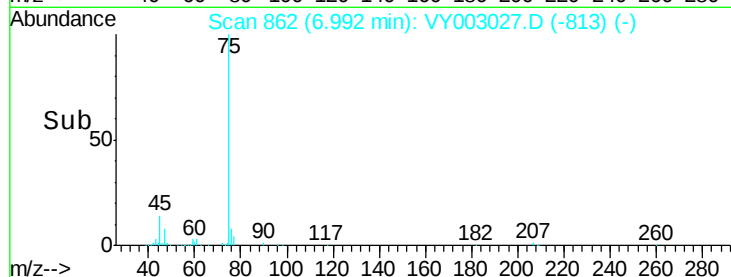
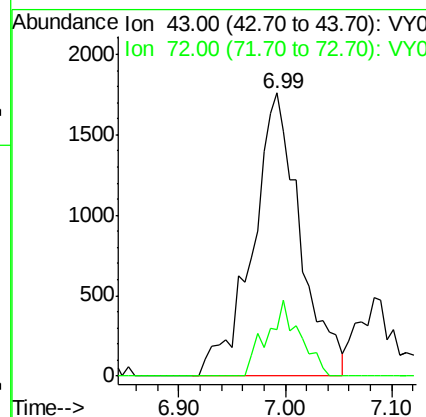
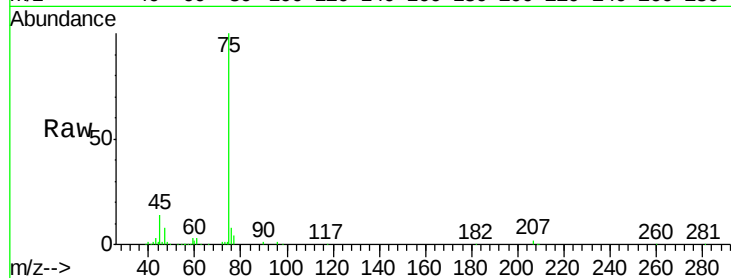




#25
2-Butanone
Concen: 2.801 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003027.D
Acq: 30 Jun 2020 11:06

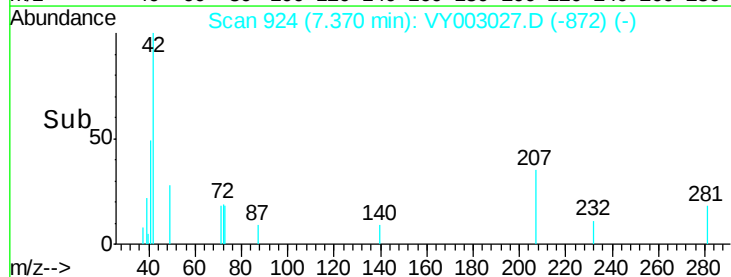
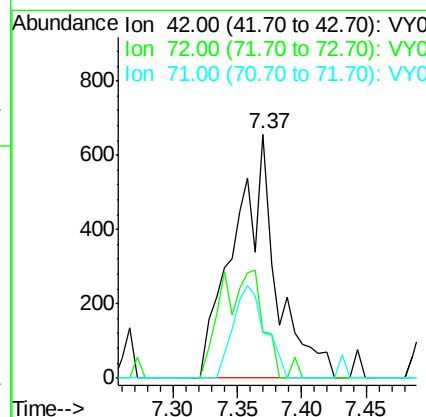
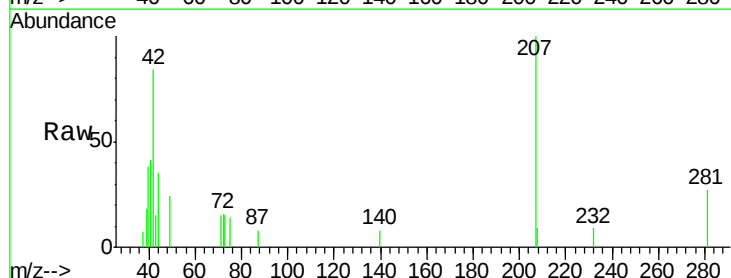
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

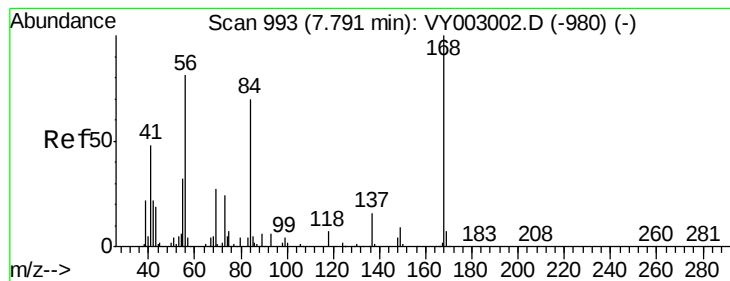
Tot Ion: 43 Resp: 5500
Ion Ratio Lower Upper
43 100
72 16.7 21.4 32.0#



#29
Tetrahydrofuran
Concen: 1.142 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY003027.D
Acq: 30 Jun 2020 11:06

Tgt Ion: 42 Resp: 1491
Ion Ratio Lower Upper
42 100
72 26.0 32.9 49.3#
71 28.8 31.2 46.8#





#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBL01

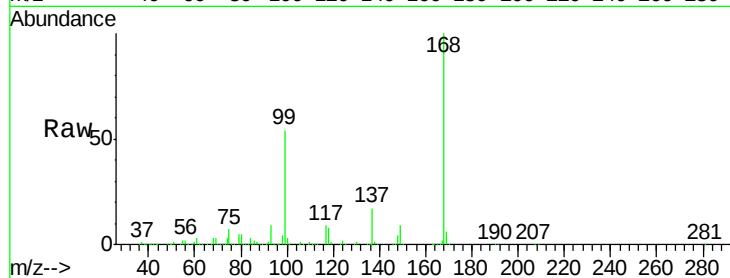
Tot Ion: 56 Resp: 10193

Ion Ratio Lower Upper

56 100

69 147.8 27.0 40.4#

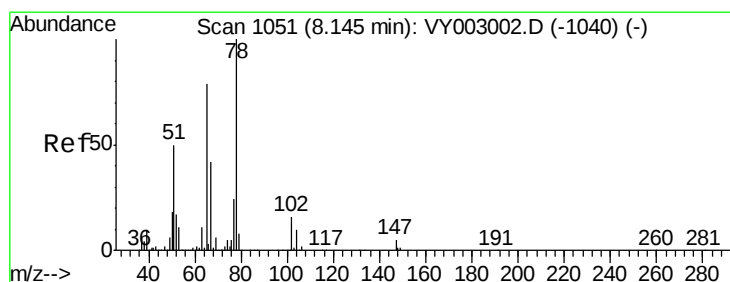
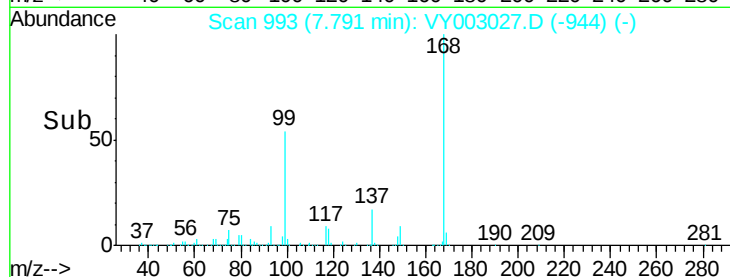
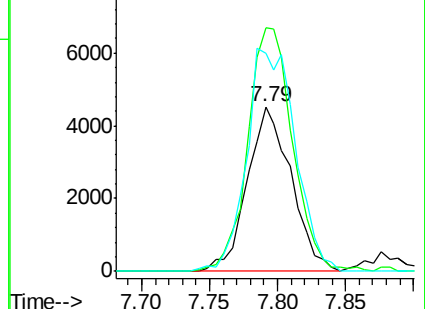
84 132.1 68.1 102.1#



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: 48.596 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003027.D

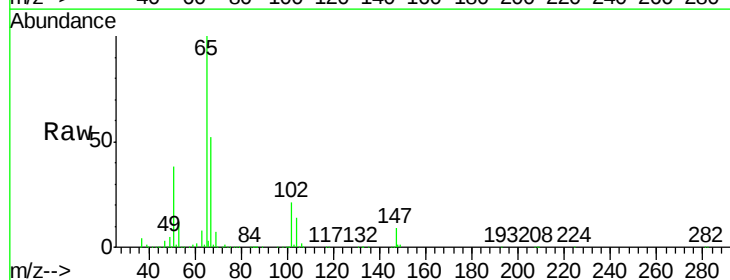
Acq: 30 Jun 2020 11:06

Tgt Ion: 65 Resp: 254730

Ion Ratio Lower Upper

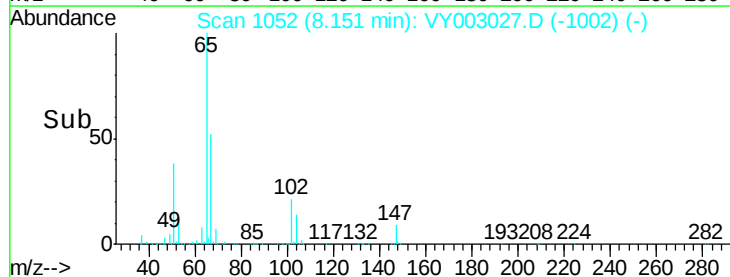
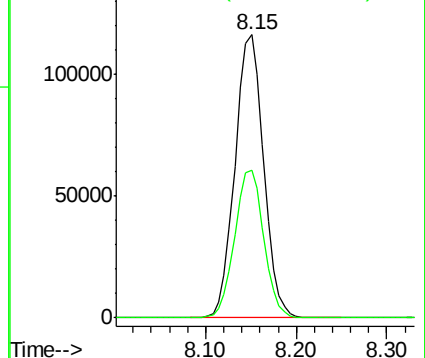
65 100

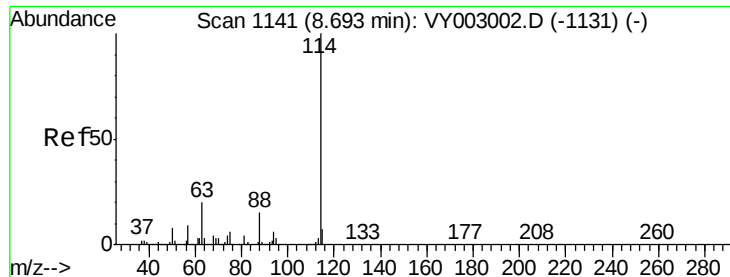
67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBL01

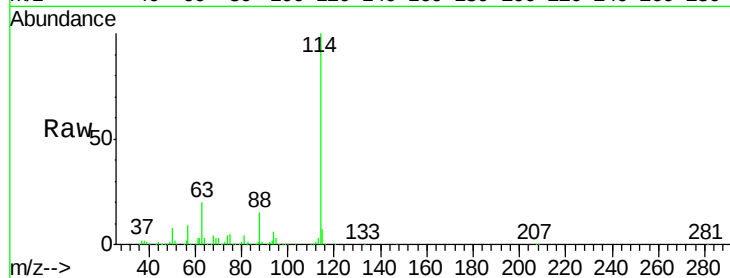
Tot Ion:114 Resp: 774375

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

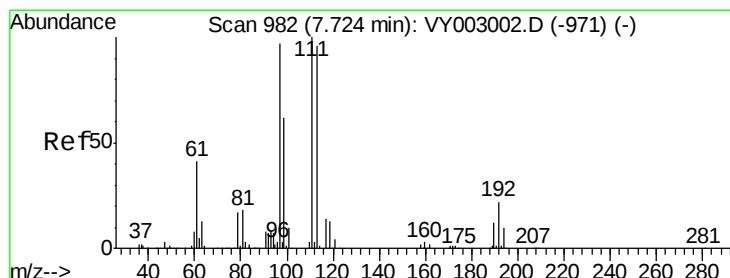
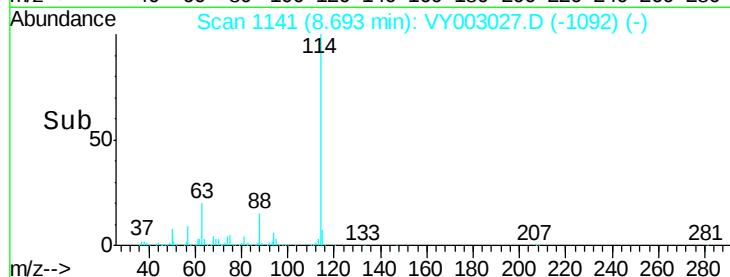
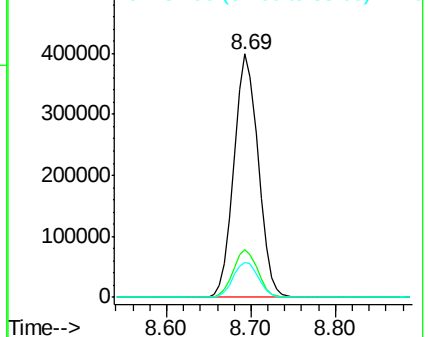
88 14.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.221 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

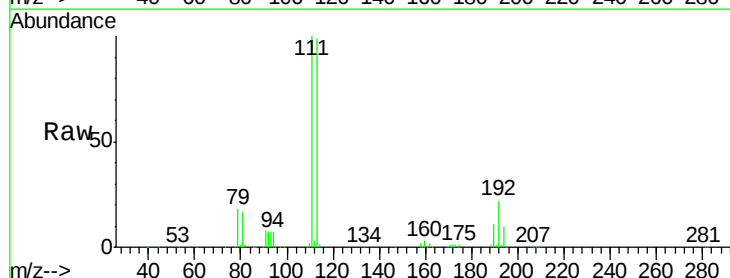
Tgt Ion:113 Resp: 242601

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

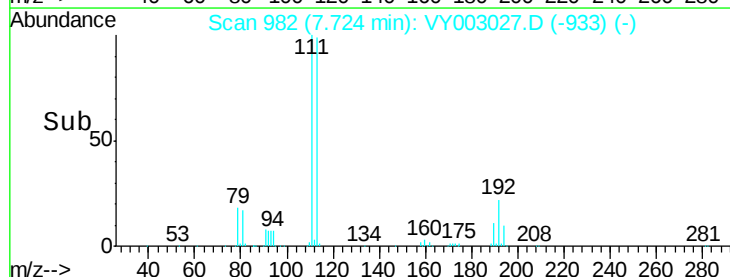
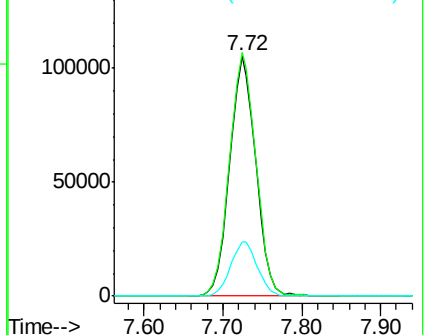
192 23.1 18.1 27.1

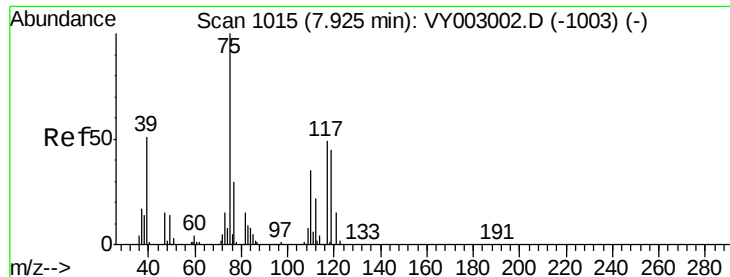


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.868 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBL01

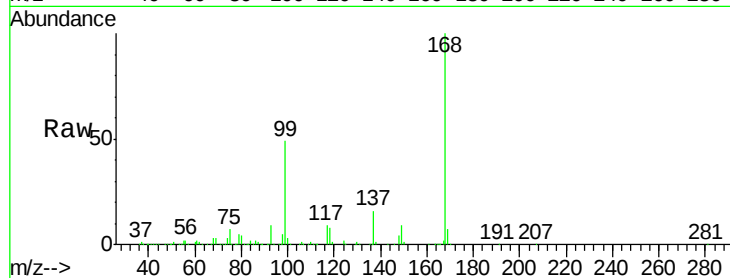
Tot Ion: 75 Resp: 36311

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.3 24.9 37.3#

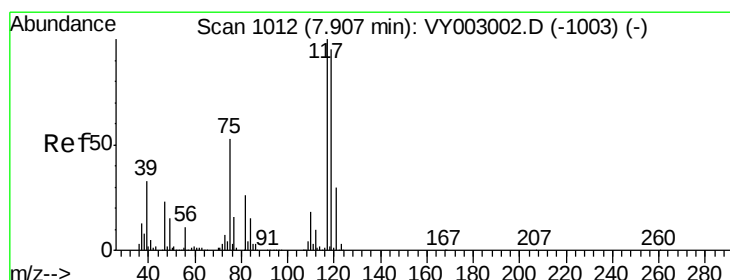
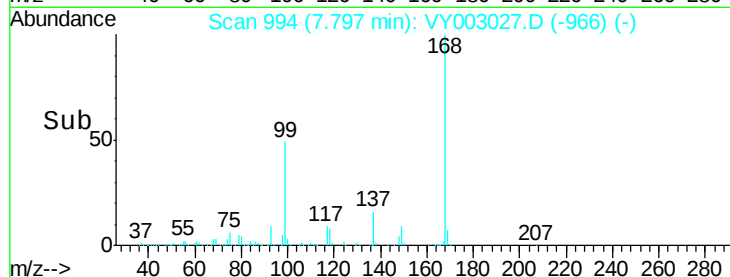


Abundance Ion 74.90 (74.60 to 75.60): VY003027.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003027.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003027.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.015 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003027.D

Acq: 30 Jun 2020 11:06

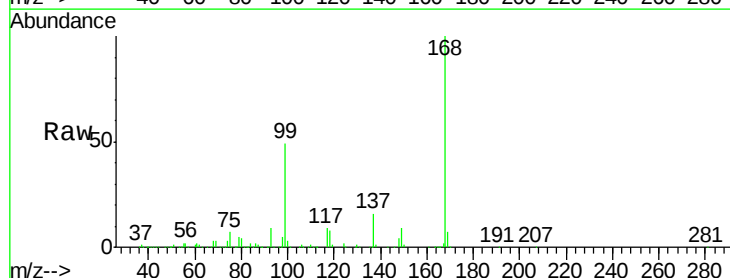
Tgt Ion: 117 Resp: 46678

Ion Ratio Lower Upper

117 100

119 5.7 75.7 113.5#

121 0.0 23.9 35.9#

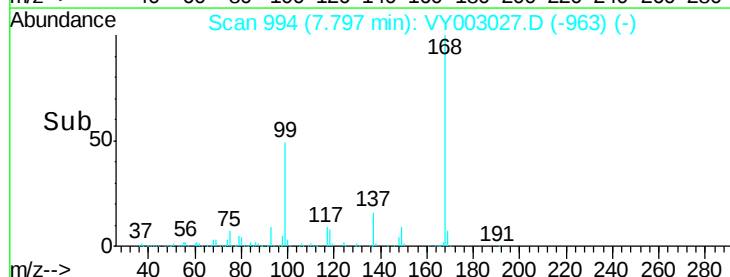


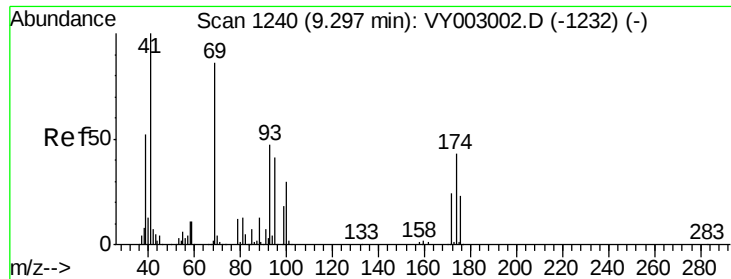
Abundance Ion 116.80 (116.50 to 117.50): VY003027.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003027.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003027.D (-963) (-)

Time-->

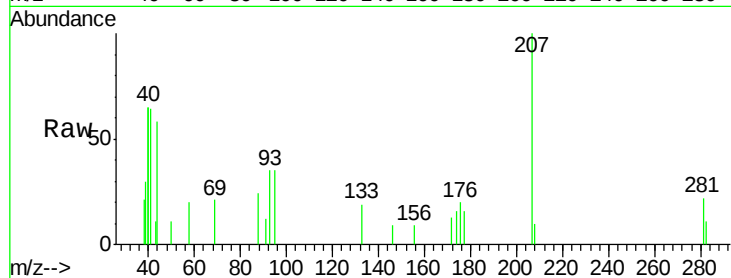




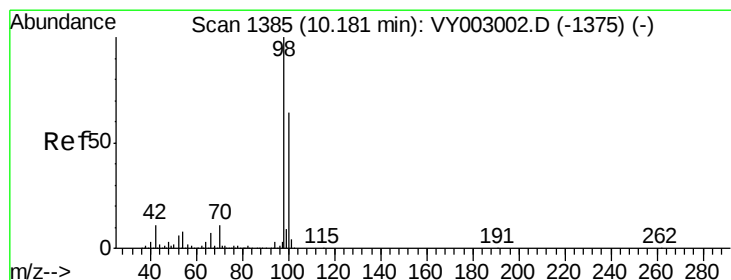
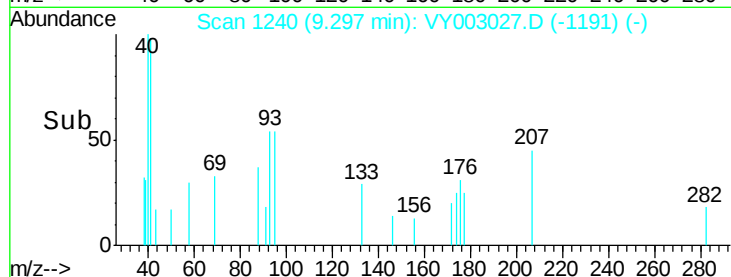
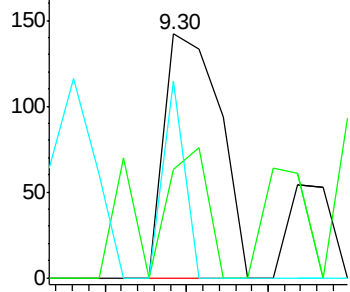
#49
 1,4-Dioxane
 Concen: 3.604 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

Tot Ion: 88 Resp: 135
 Ion Ratio Lower Upper
 88 100
 43 56.3 28.6 42.8#
 58 31.1 56.7 85.1#

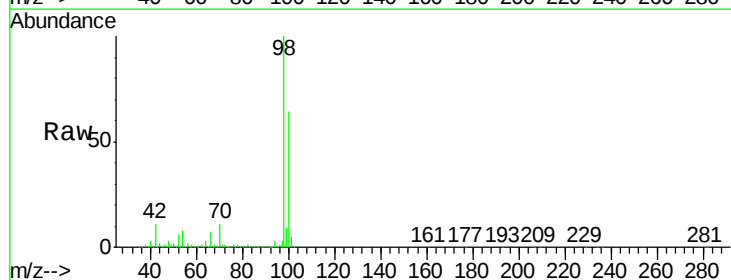


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

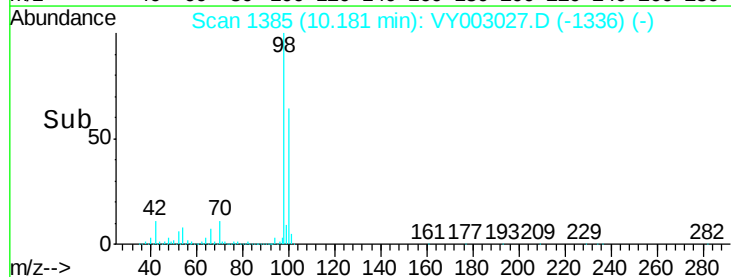
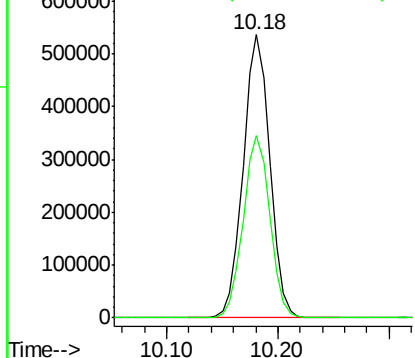


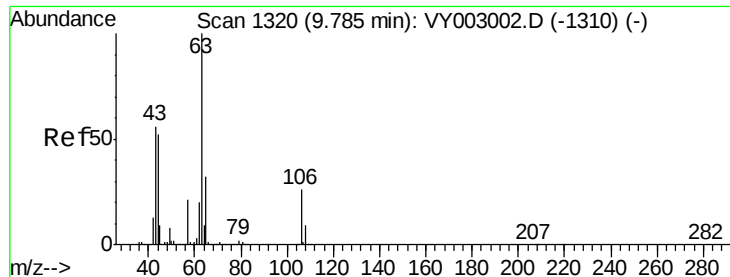
#50
 Toluene-d8
 Concen: 49.491 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

Tgt Ion: 98 Resp: 890663
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.1 76.7



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

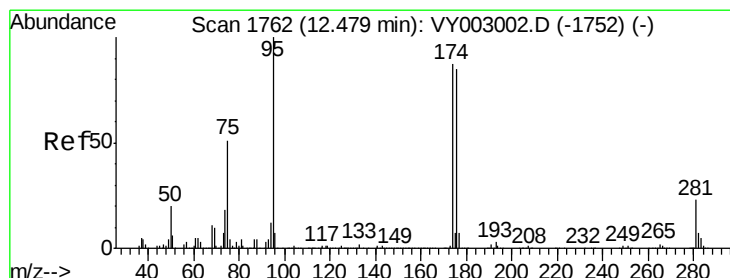
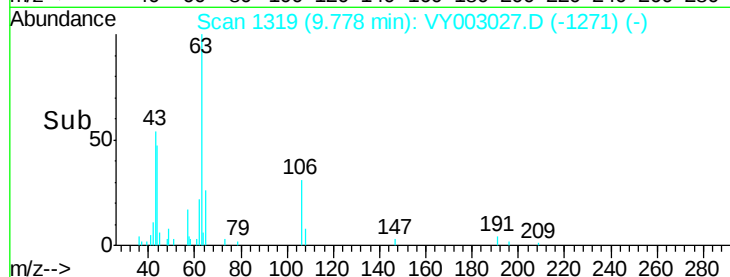
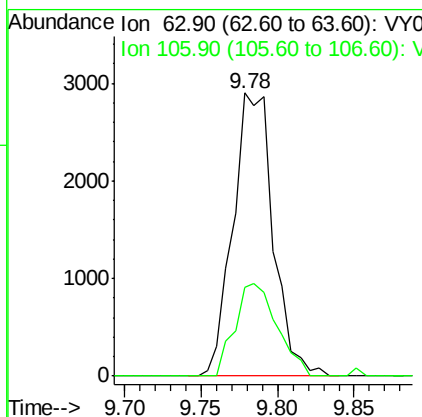
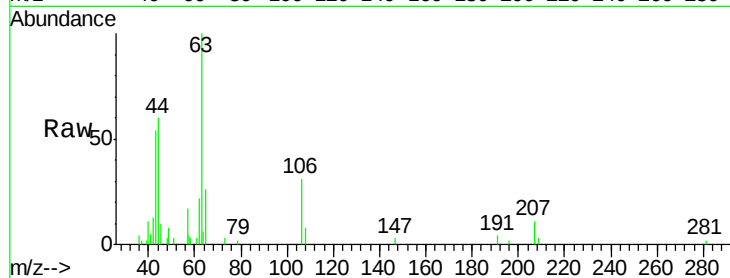




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.669 ug/l
 RT: 9.78 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

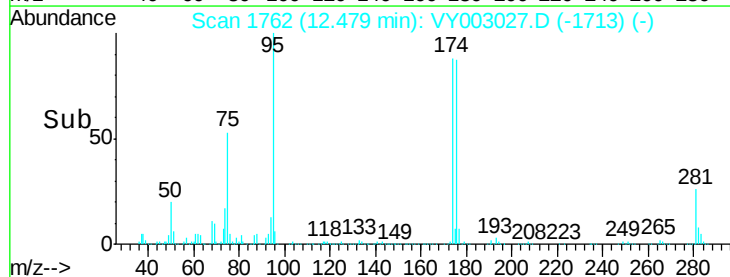
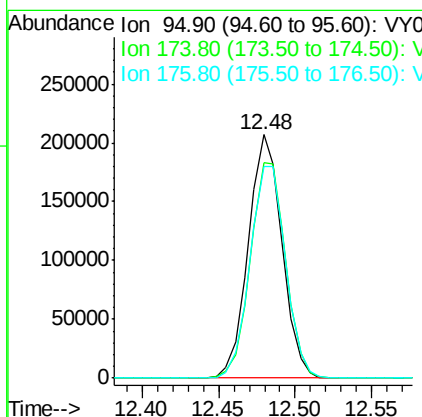
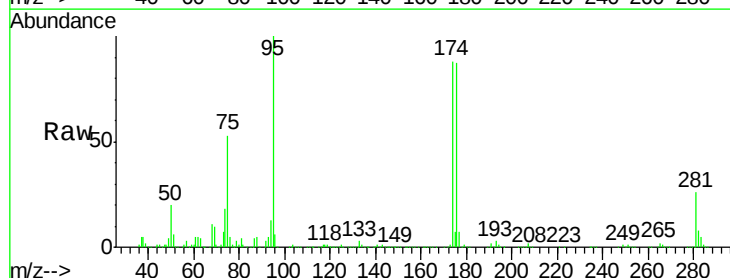
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

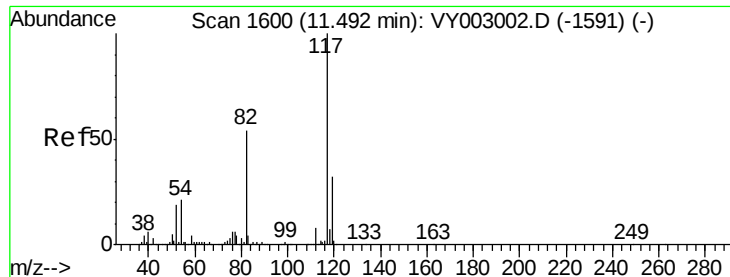
Tot Ion: 63 Resp: 5284
 Ion Ratio Lower Upper
 63 100
 106 34.2 21.5 32.3#



#62
 4-Bromofluorobenzene
 Concen: 49.886 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

Tgt Ion: 95 Resp: 316015
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 184.8
 176 92.1 0.0 183.0

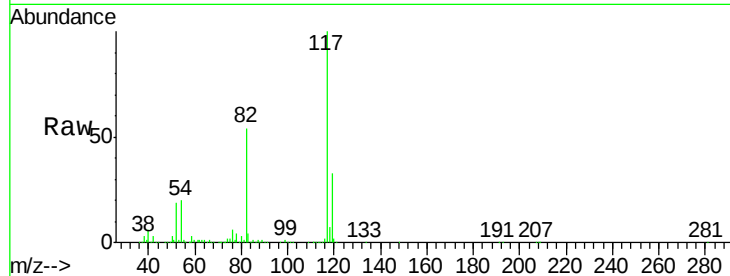




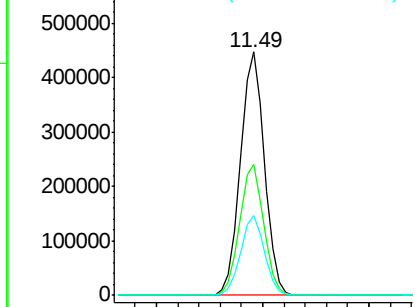
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003027.D
Acq: 30 Jun 2020 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBL01

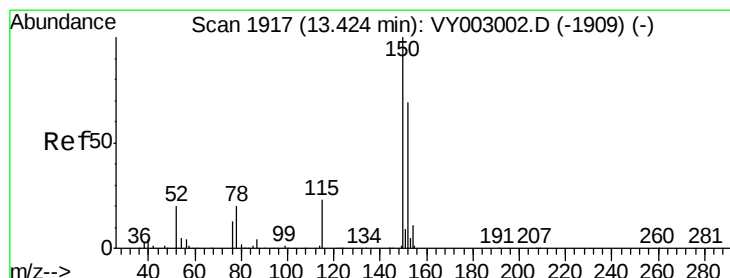
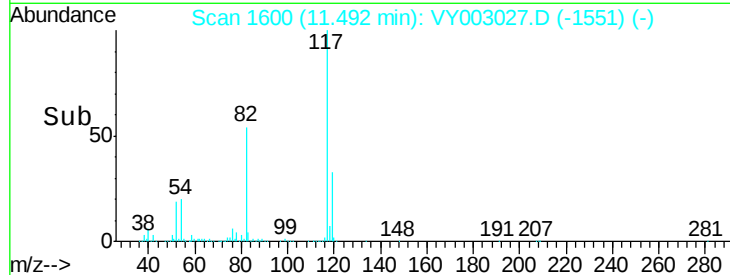
Tot Ion:117 Resp: 709102
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

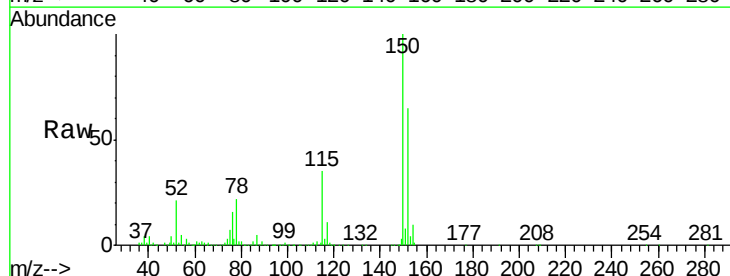


Time-->

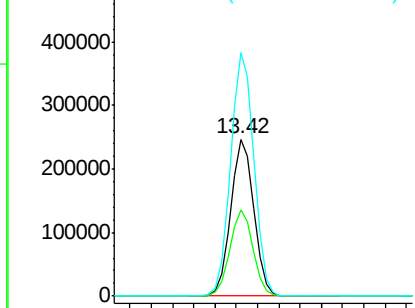


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003027.D
Acq: 30 Jun 2020 11:06

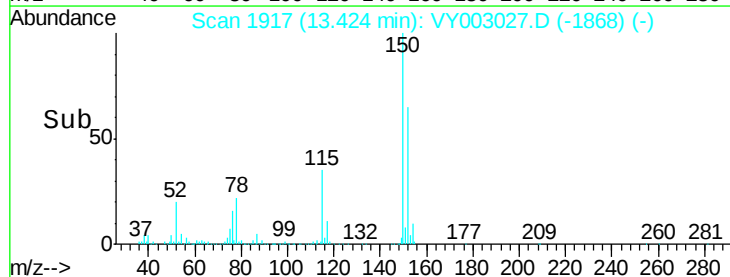
Tgt Ion:152 Resp: 374768
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 156.7 0.0 343.4

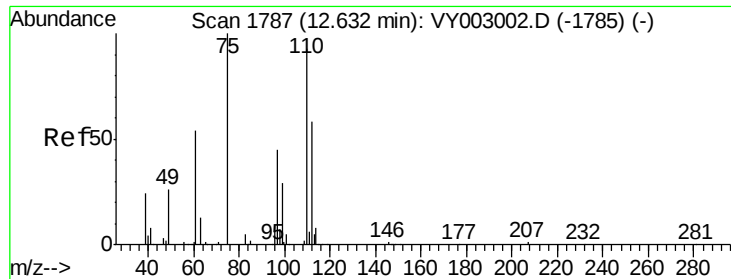


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

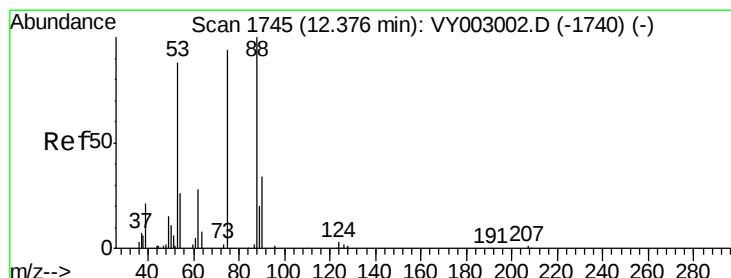
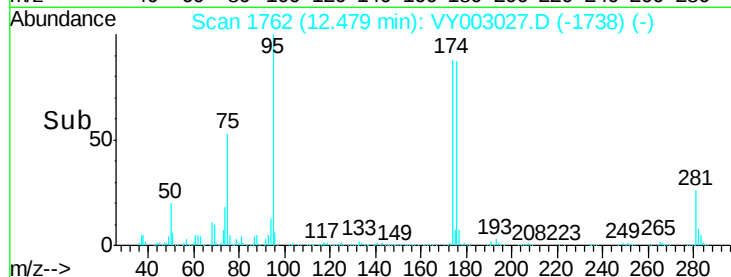
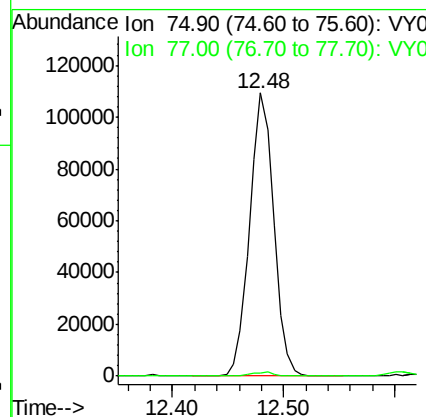
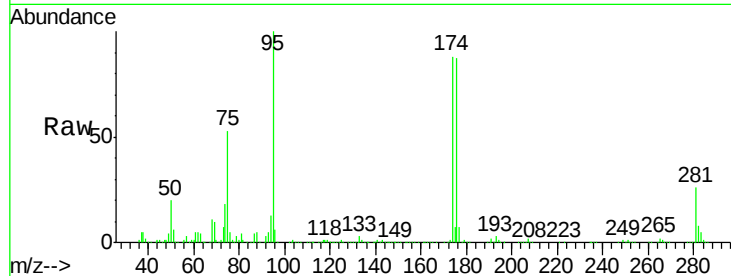




#76
 1,2,3-Trichloropropane
 Concen: 44.557 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

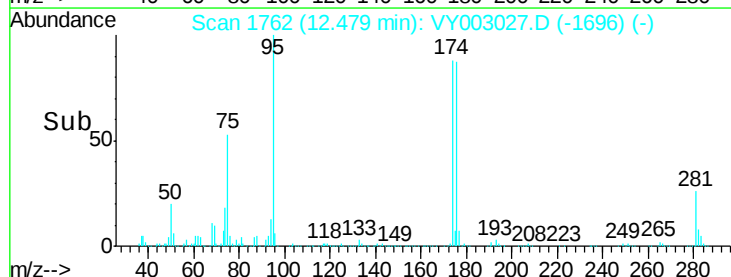
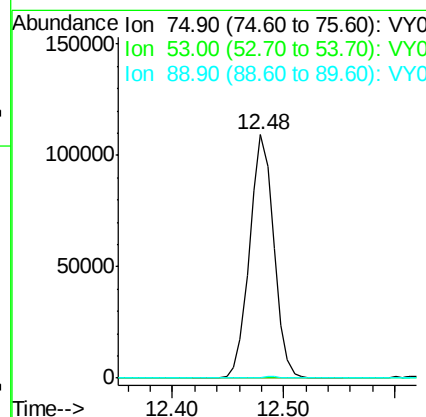
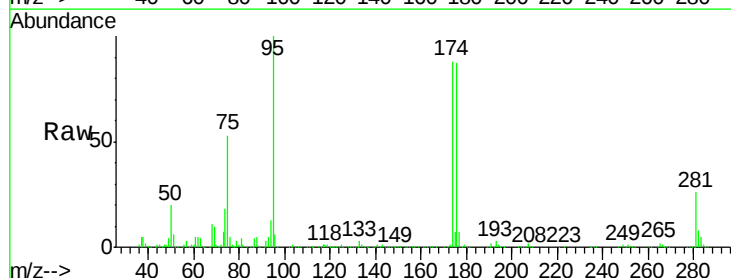
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

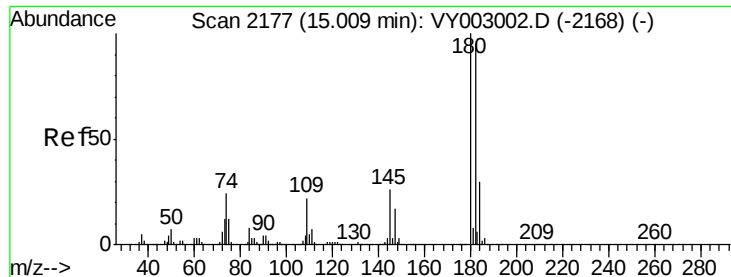
Tot Ion: 75 Resp: 165264
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.689 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

Tgt Ion: 75 Resp: 165264
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 0.5 37.5 56.3#

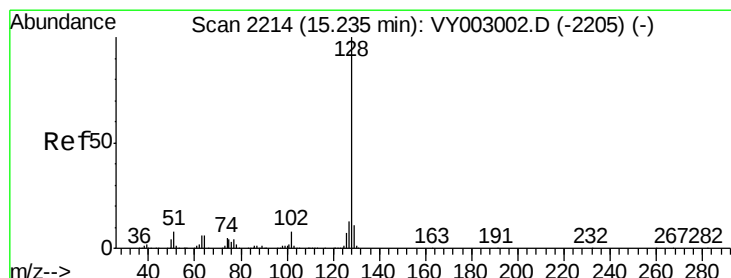
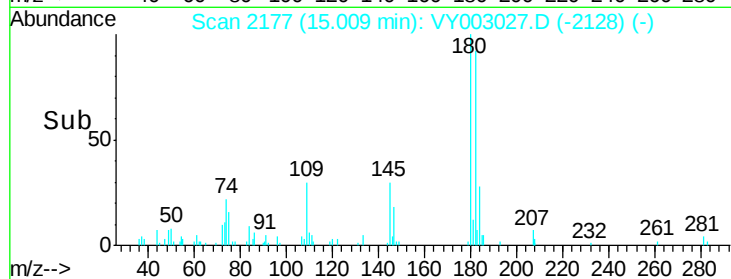
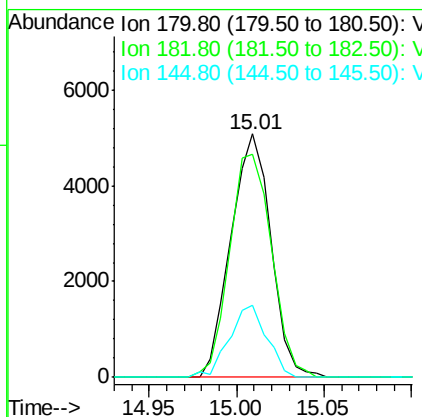
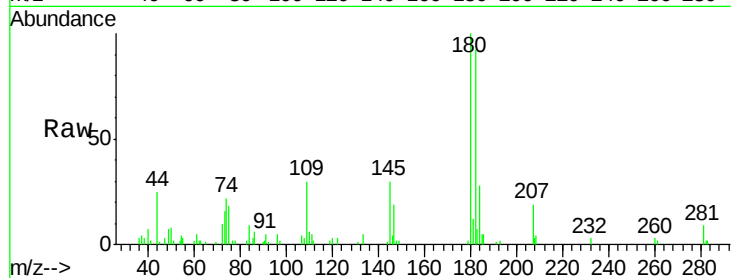




#93
 1,2,4-Trichlorobenzene
 Concen: 1.033 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

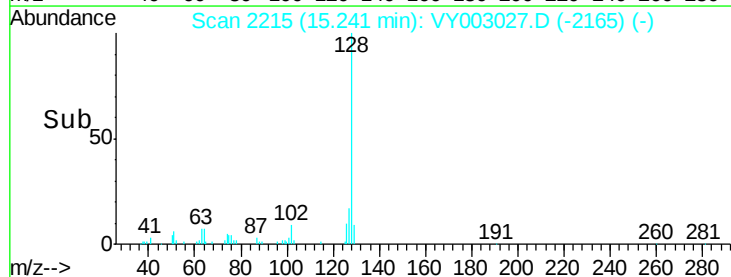
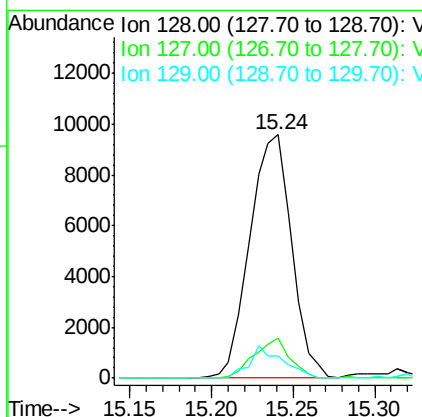
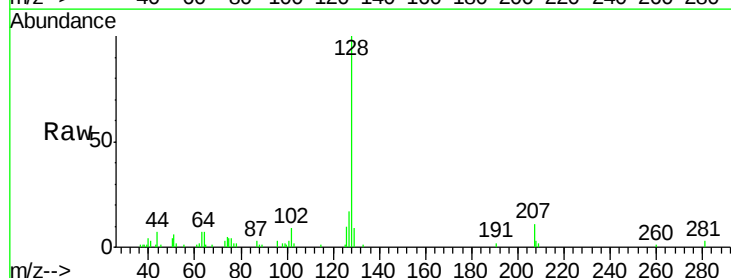
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

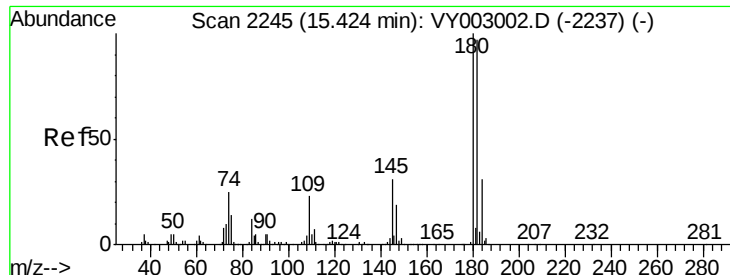
Tot Ion:180 Resp: 8083
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.1 144.3
 145 27.9 13.9 41.6



#95
 Naphthalene
 Concen: 1.191 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

Tgt Ion:128 Resp: 17022
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.8 16.2
 129 10.5 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.193 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VY003027.D
 Acq: 30 Jun 2020 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.8	143.3
145	32.4	14.7	44.1

