

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002844.D
 Acq On : 05 Jun 2020 13:17
 Operator : SY/MD
 Sample : VY0605SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

Quant Time: Jun 06 07:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	298332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	482282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	453284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	144023	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
35) Dibromofluoromethane	7.72	113	147982	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.18	98	560686	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.48	95	195469	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

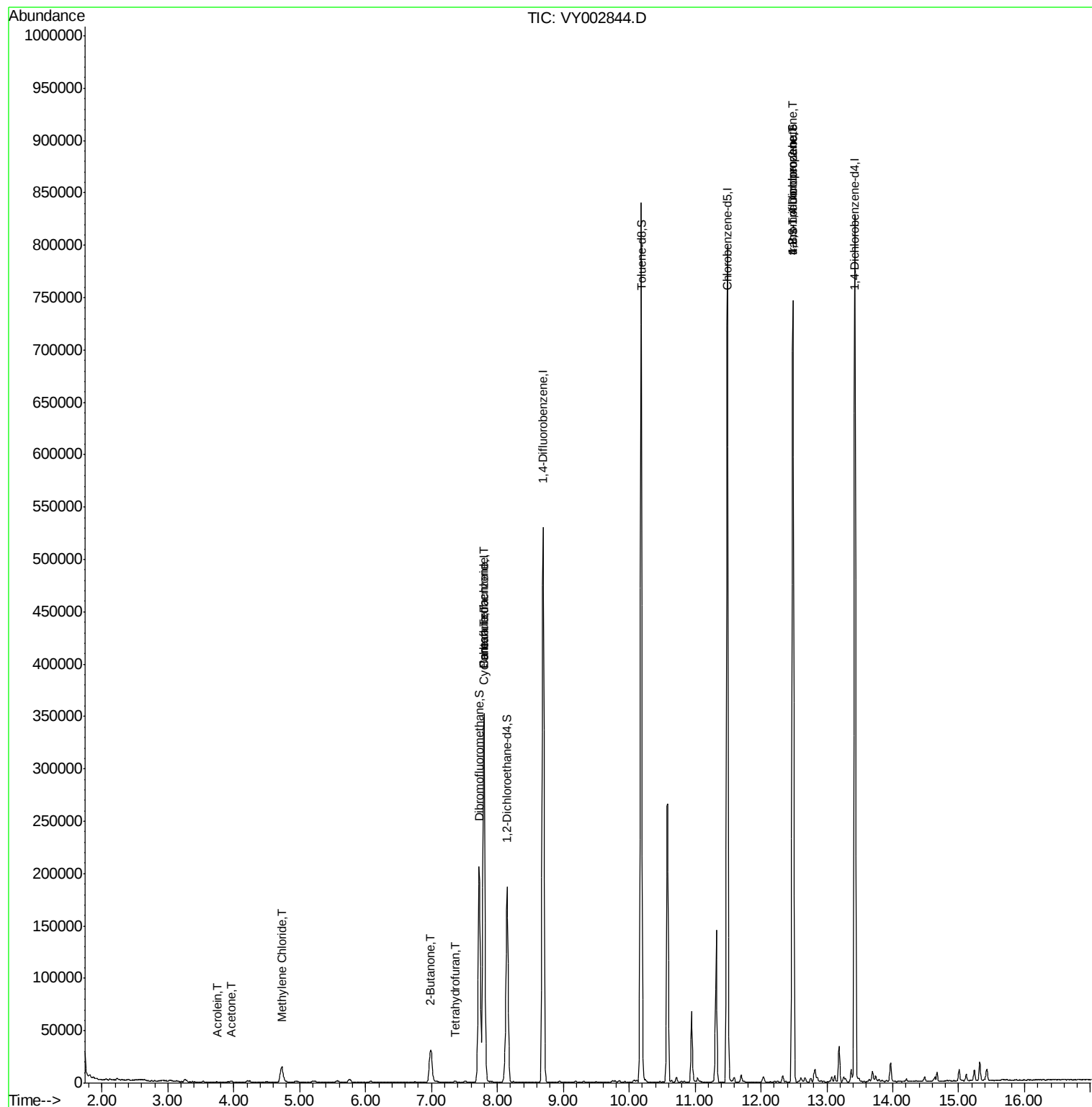
					Qvalue
11) Tert butyl alcohol	4.95	59	1102	Below Cal	# 74
13) Acrolein	3.76	56	350	1.153	ug/l 90
16) Acetone	3.96	43	1864	3.069	ug/l # 86
18) Methyl Acetate	4.49	43	737	Below Cal	98
20) Methylene Chloride	4.73	84	12291	4.141	ug/l 93
25) 2-Butanone	6.99	43	2264	2.392	ug/l # 81
29) Tetrahydrofuran	7.36	42	646	1.049	ug/l # 77
31) Cyclohexane	7.78	56	5059	1.152	ug/l # 8
38) Carbon Tetrachloride	7.80	117	25610	5.675	ug/l # 15
76) 1,2,3-Trichloropropane	12.48	75	92576	44.810	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.48	75	92576	84.421	ug/l # 17

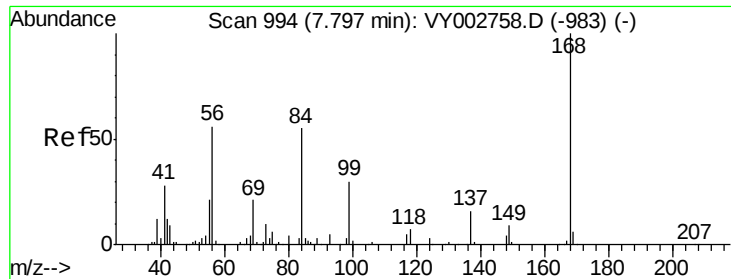
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002844.D
Acq On : 05 Jun 2020 13:17
Operator : SY/MD
Sample : VY0605SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

Quant Time: Jun 06 07:56:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration



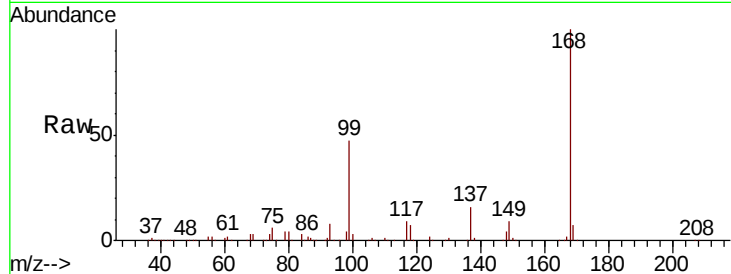


#1

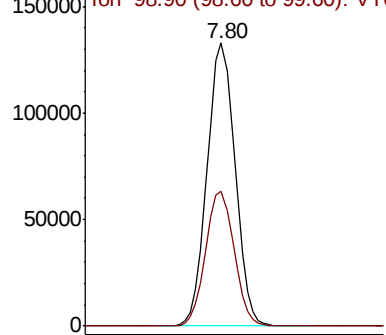
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002844.D
 Acq: 05 Jun 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

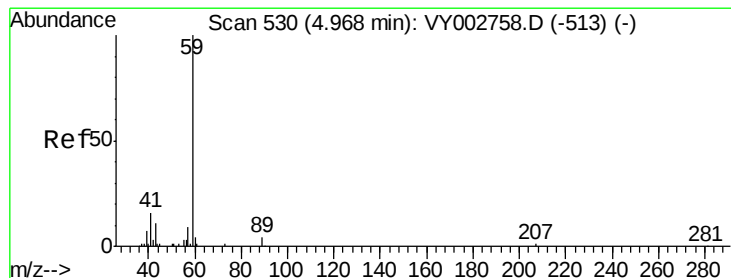
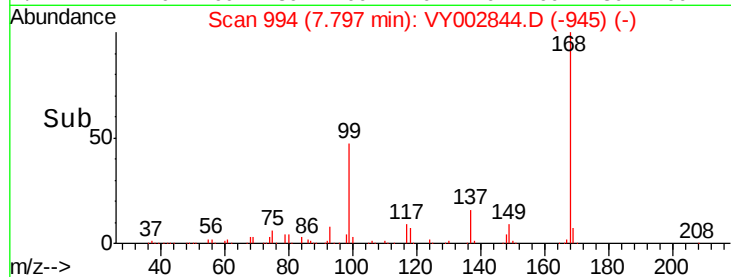
Tot Ion:168 Resp: 298332
 Ion Ratio Lower Upper
 168 100
 99 47.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)
 Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)



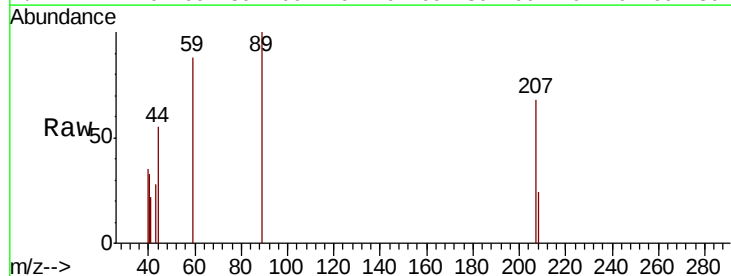
Time-->



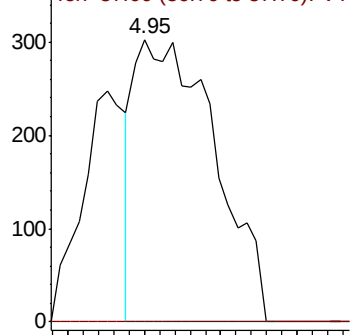
#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.95 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: VY002844.D
 Acq: 05 Jun 2020 13:17

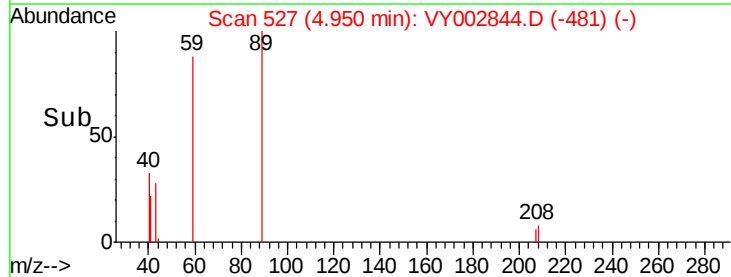
Tgt Ion: 59 Resp: 1102
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

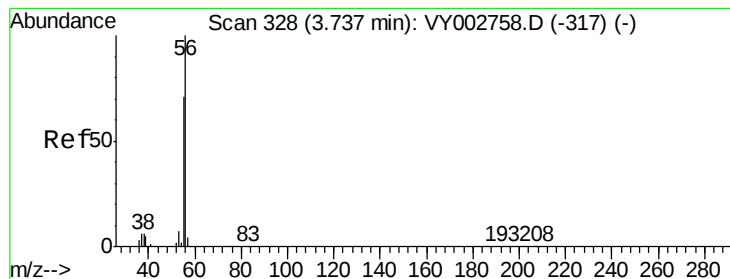


Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)
 Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)



Time-->





#13

Acrolein

Concen: 1.153 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.02 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

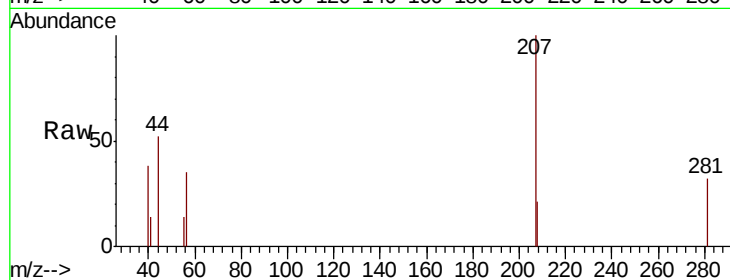
VY0605SBL01

Tot Ion: 56 Resp: 350

Ion Ratio Lower Upper

56 100

55 61.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

200

150

100

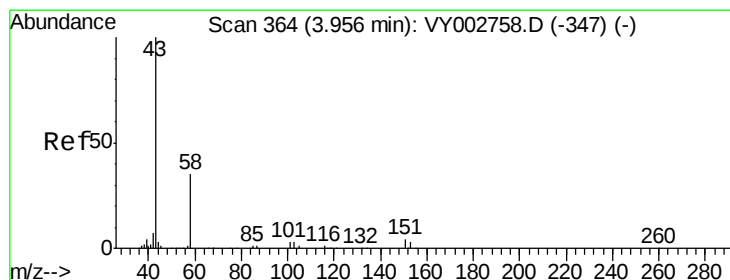
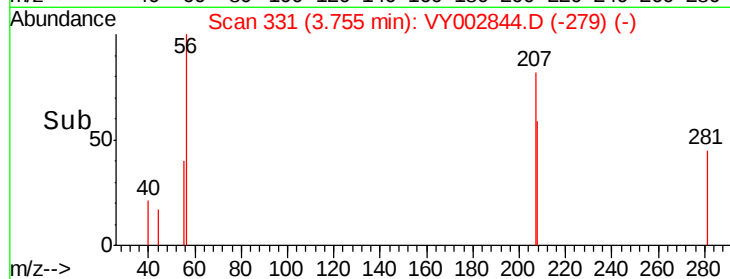
50

0

3.70 3.75 3.80

3.76

Time-->



#16

Acetone

Concen: 3.069 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002844.D

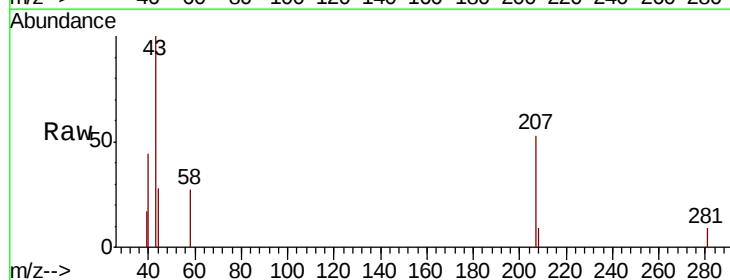
Acq: 05 Jun 2020 13:17

Tgt Ion: 43 Resp: 1864

Ion Ratio Lower Upper

43 100

58 26.6 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

800

600

400

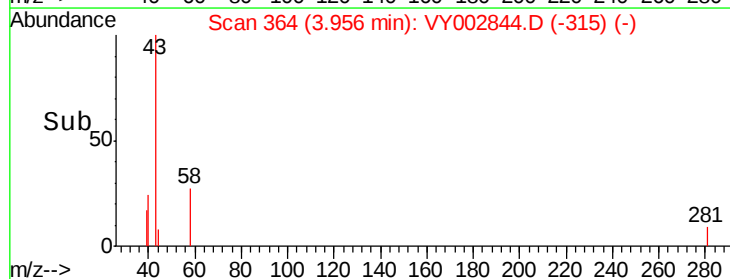
200

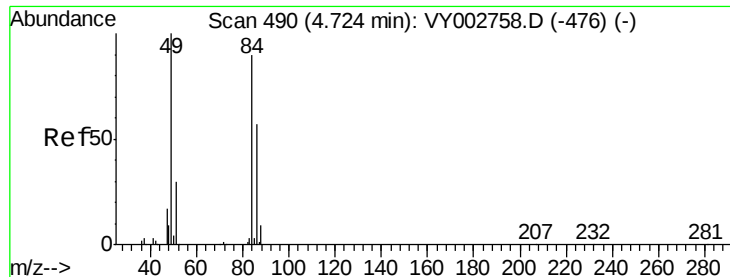
0

3.90 3.95 4.00 4.05

3.96

Time-->

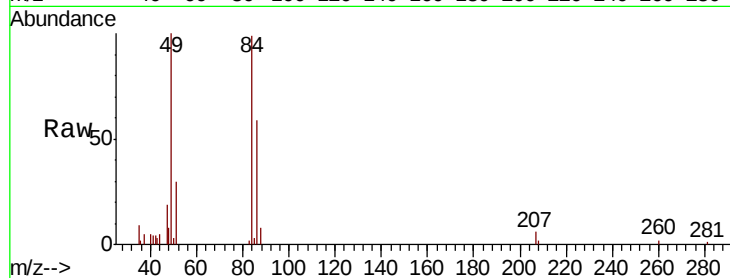




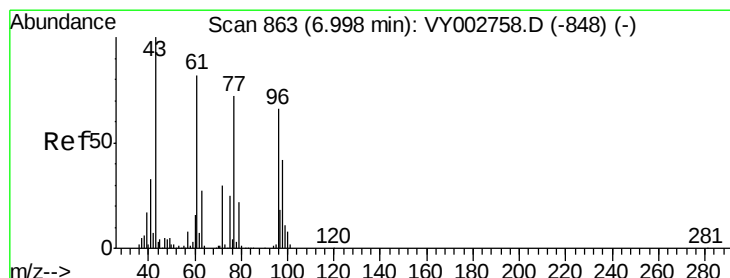
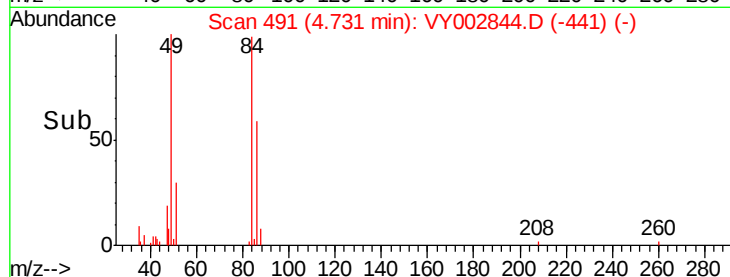
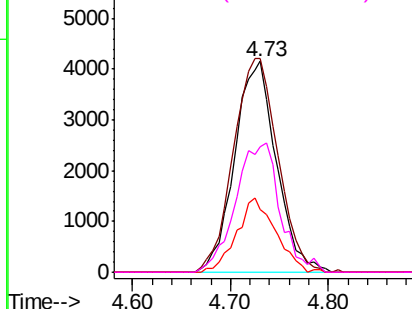
#20
Methvlene Chloride
Concen: 4.141 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002844.D
Acq: 05 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

Tot Ion:	84	Resp:	12291
Ion	Ratio	Lower	Upper
84	100		
49	101.2	88.5	132.7
51	29.9	26.8	40.2
86	59.8	50.6	75.8

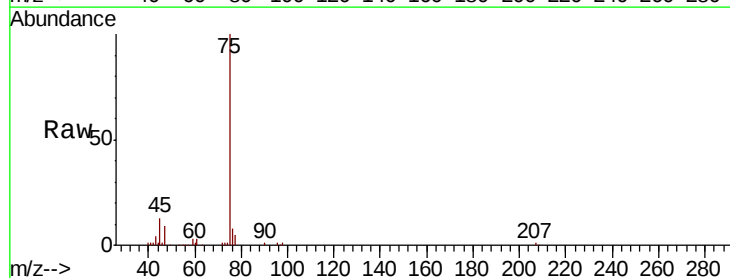


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

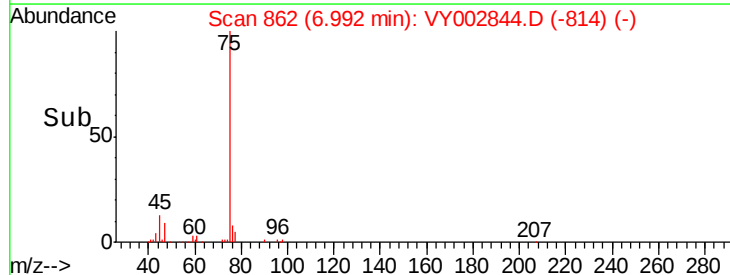
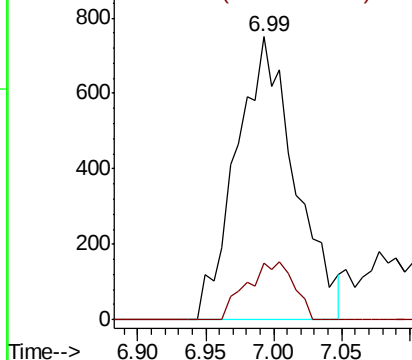


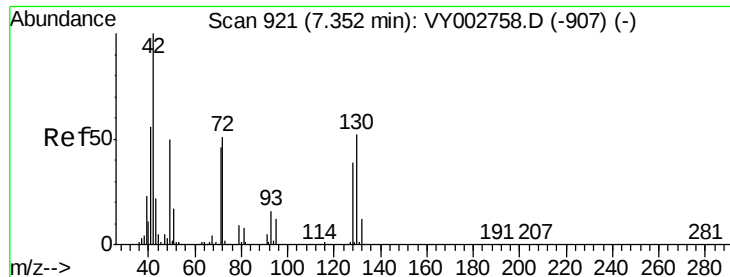
#25
2-Butanone
Concen: 2.392 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002844.D
Acq: 05 Jun 2020 13:17

Tgt Ion:	43	Resp:	2264
Ion	Ratio	Lower	Upper
43	100		
72	19.9	23.9	35.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#29

Tetrahydrofuran

Concen: 1.049 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBL01

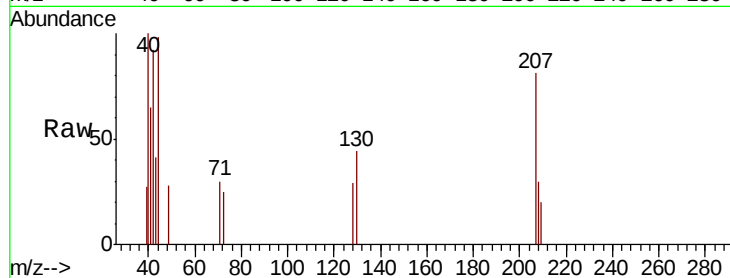
Tot Ion: 42 Resp: 646

Ion Ratio Lower Upper

42 100

72 37.0 38.6 58.0#

71 24.9 35.8 53.8#



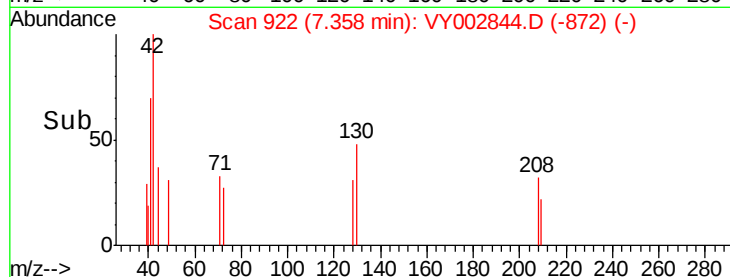
Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

7.36

Time-->



Abundance

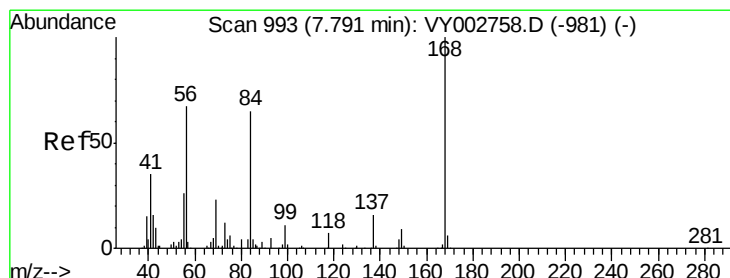
Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

7.36

Time-->



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

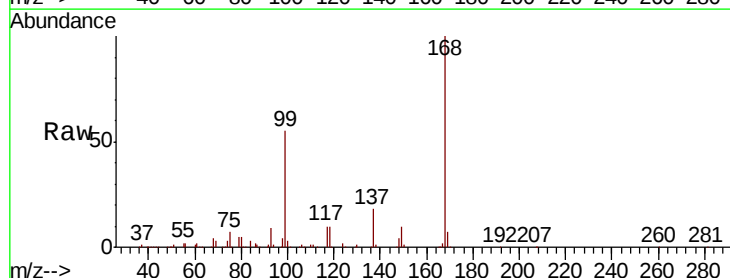
Tgt Ion: 56 Resp: 5059

Ion Ratio Lower Upper

56 100

69 148.8 28.0 42.0#

84 150.6 77.7 116.5#



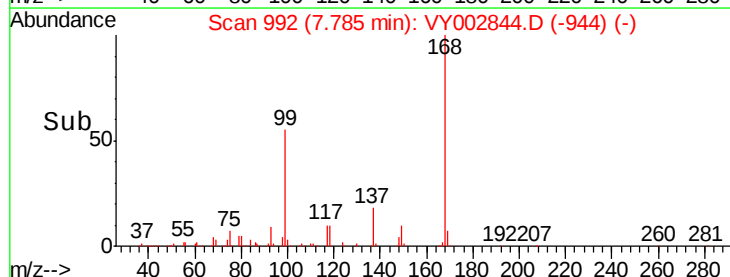
Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

7.78

Time-->



Abundance

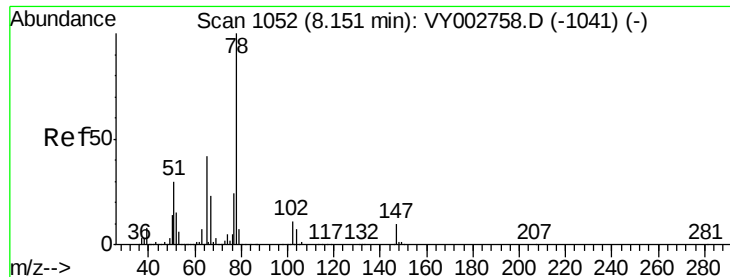
Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

7.78

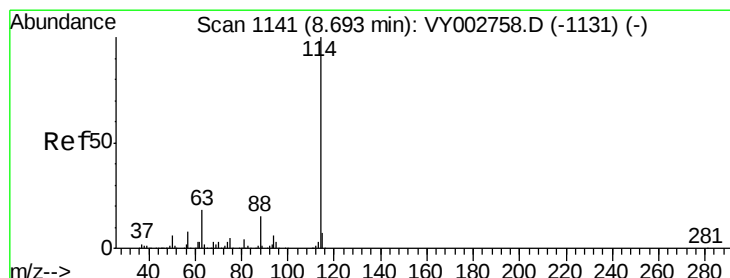
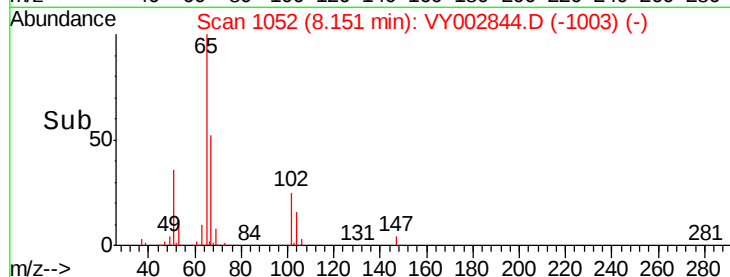
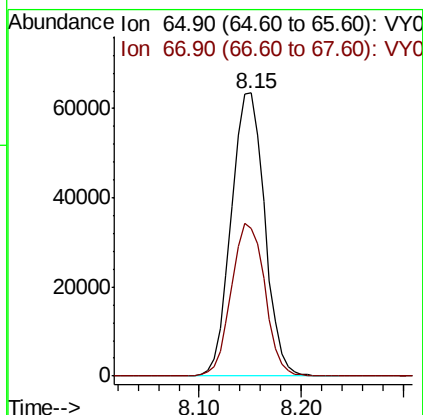
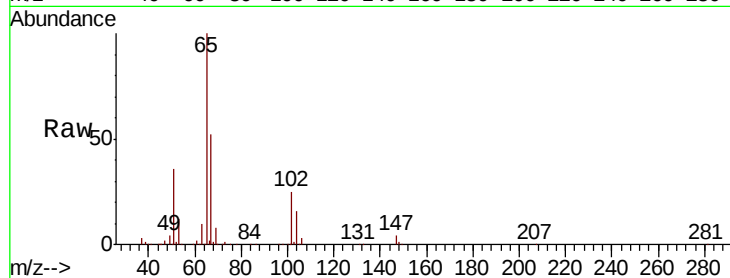
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 55.600 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002844.D
 Acq: 05 Jun 2020 13:17

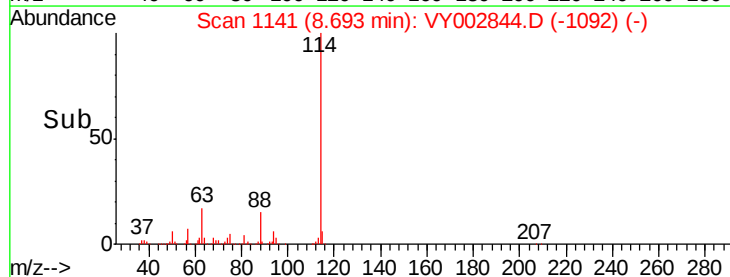
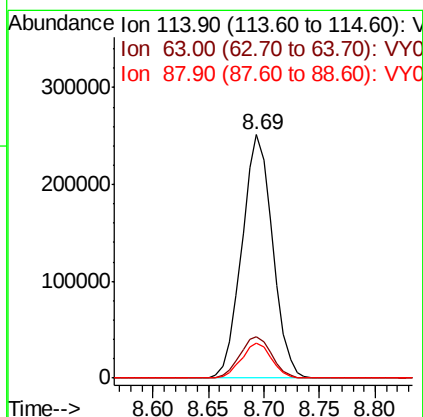
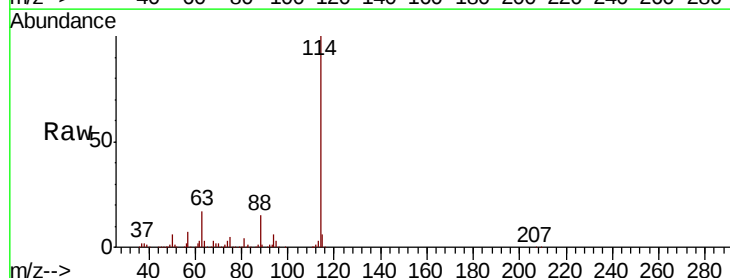
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

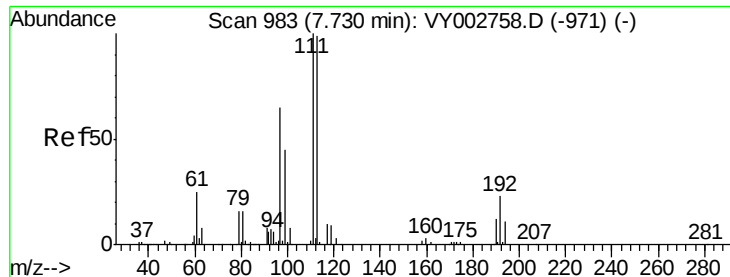
Tot Ion: 65 Resp: 144023
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002844.D
 Acq: 05 Jun 2020 13:17

Tgt Ion: 114 Resp: 482282
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.357 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBL01

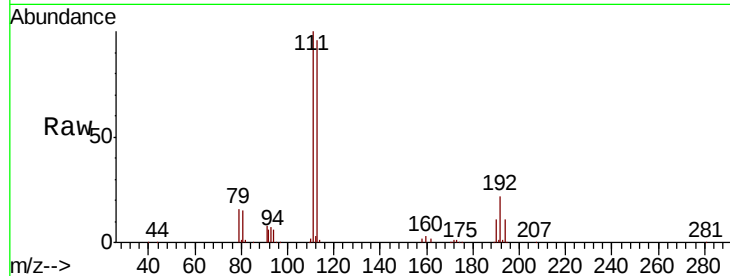
Tot Ion:113 Resp: 147982

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

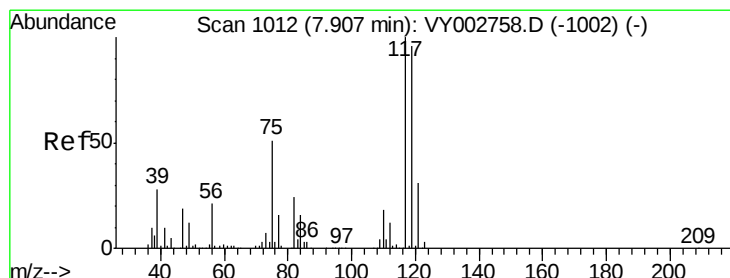
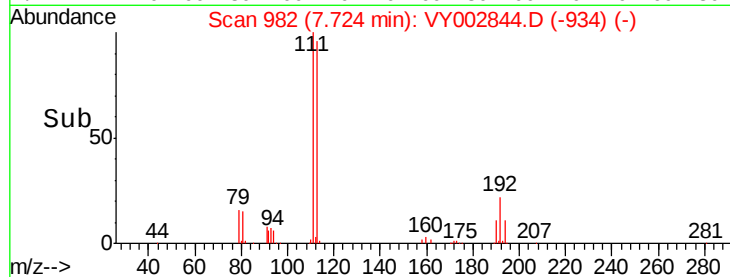
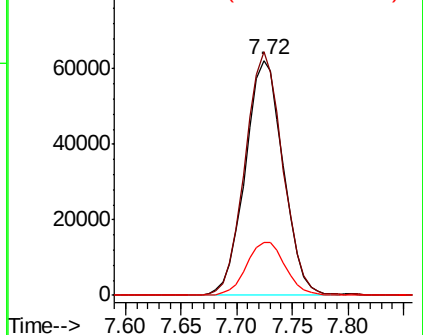
192 23.1 18.9 28.3



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



#38

Carbon Tetrachloride

Concen: 5.675 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

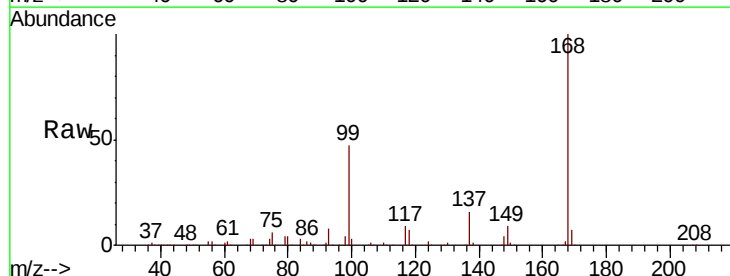
Tgt Ion:117 Resp: 25610

Ion Ratio Lower Upper

117 100

119 4.5 76.8 115.2#

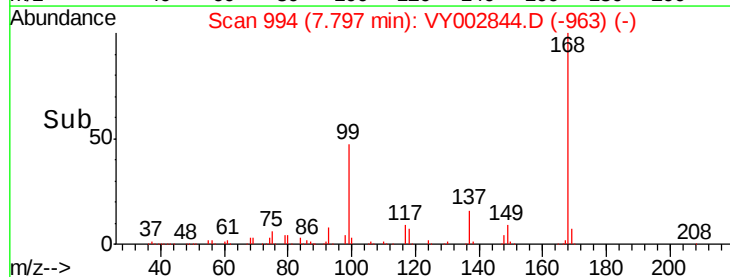
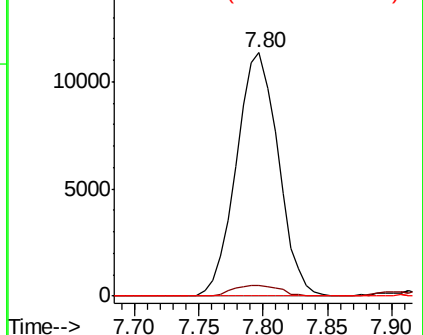
121 0.0 24.8 37.2#

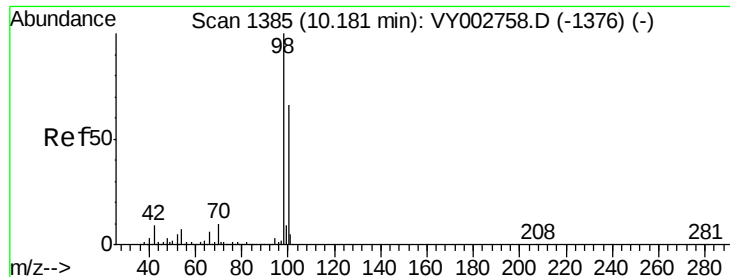


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 49.063 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

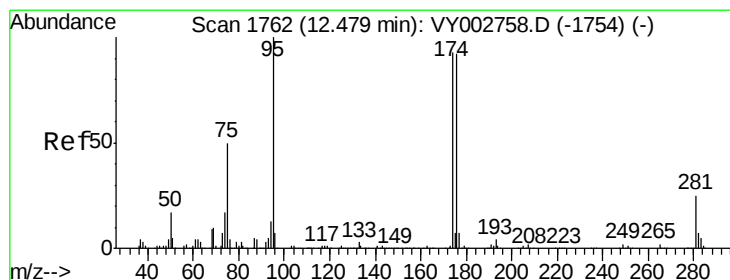
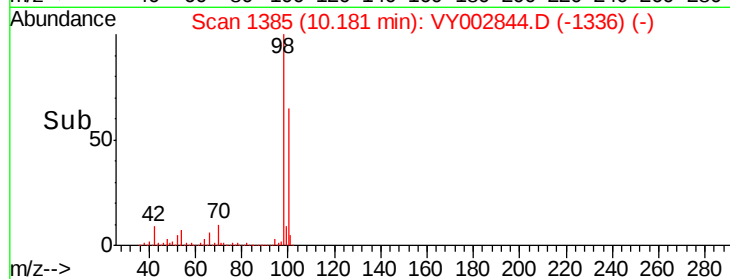
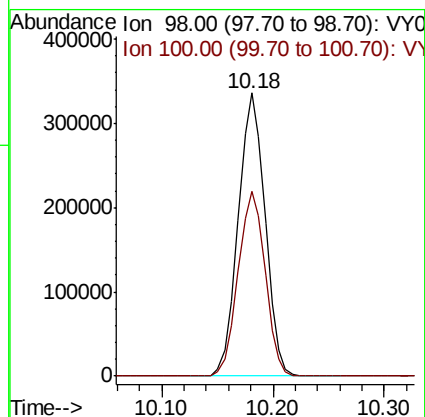
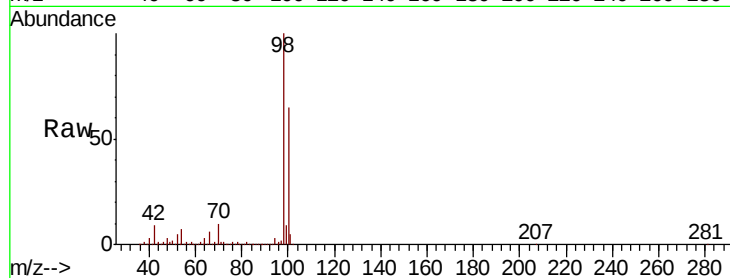
VY0605SBL01

Tot Ion: 98 Resp: 560686

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.050 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002844.D

Acq: 05 Jun 2020 13:17

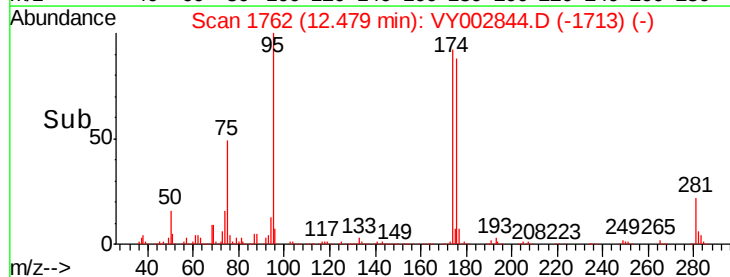
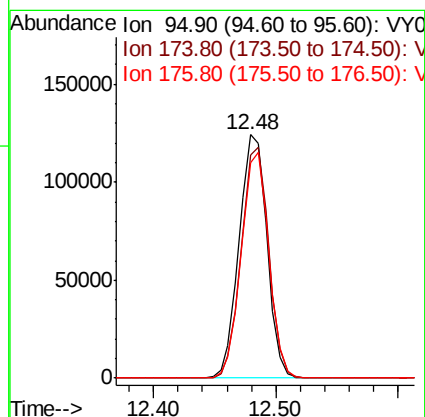
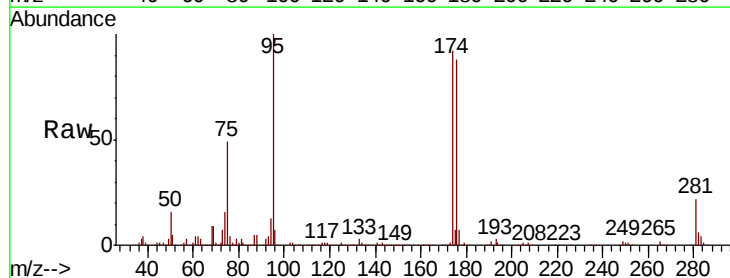
Tgt Ion: 95 Resp: 195469

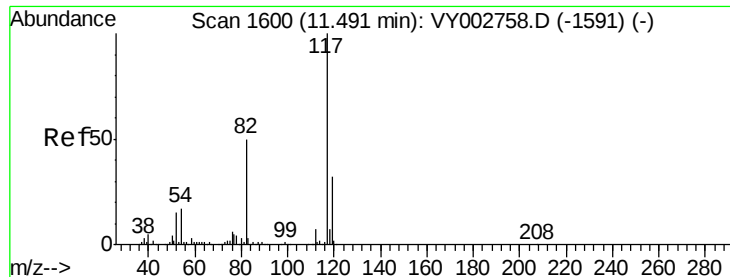
Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.2

176 91.8 0.0 188.8

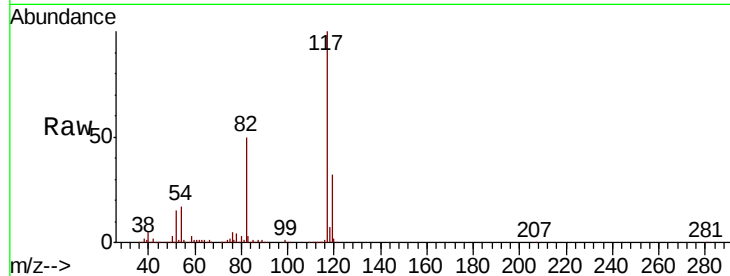




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002844.D
Acq: 05 Jun 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.2	60.4
119	32.2	25.8	38.8

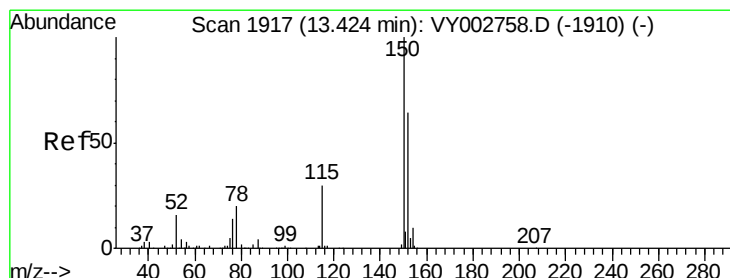
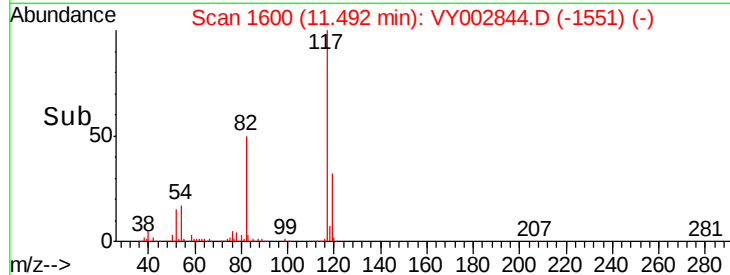
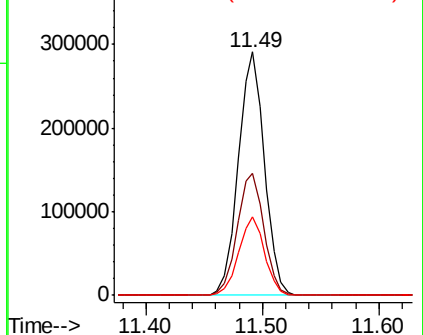


Abundance

Ion 116.90 (116.60 to 117.60): V

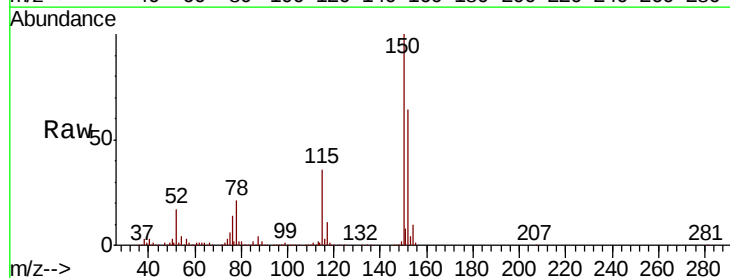
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002844.D
Acq: 05 Jun 2020 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.0	81.0
150	155.9	0.0	344.8

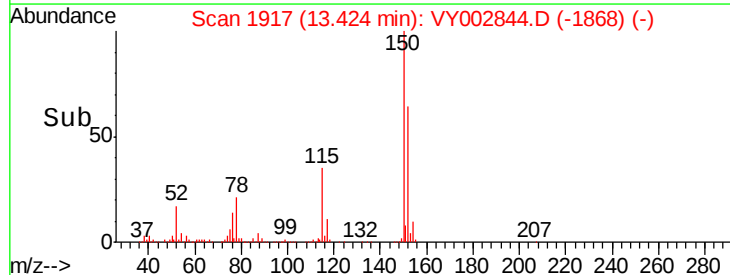
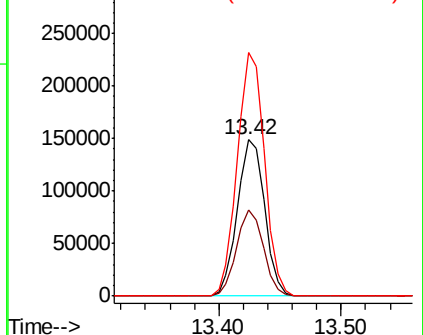


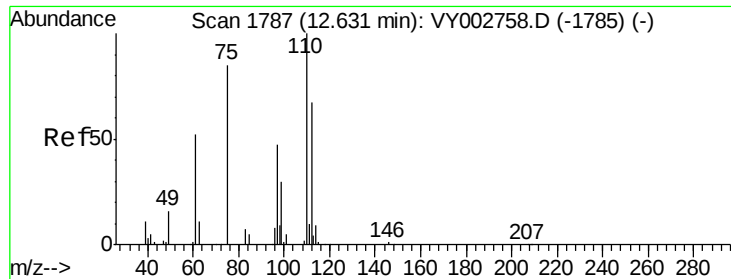
Abundance

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

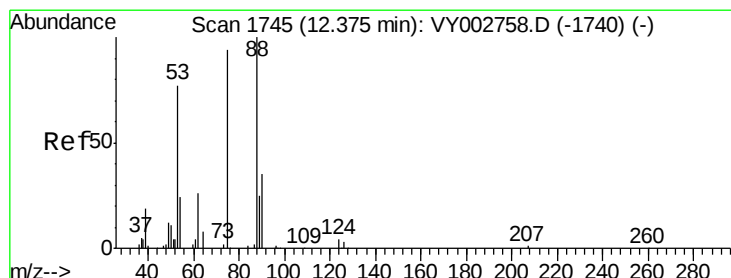
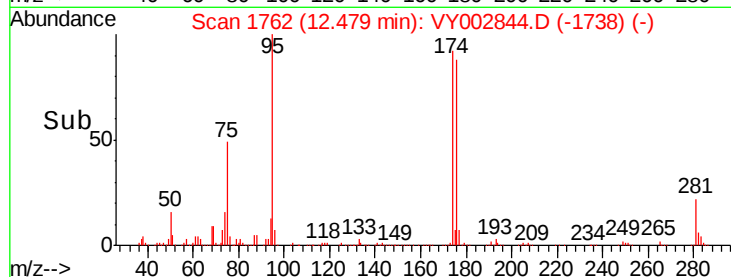
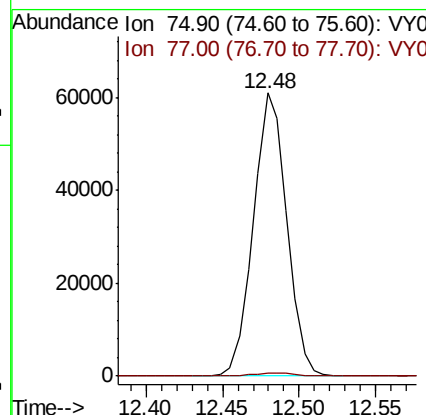
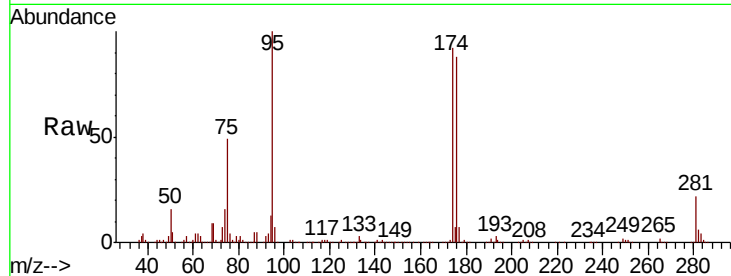




#76
 1,2,3-Trichloropropane
 Concen: 44.810 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002844.D
 Acq: 05 Jun 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

Tot Ion: 75 Resp: 92576
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.421 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY002844.D
 Acq: 05 Jun 2020 13:17

Tgt Ion: 75 Resp: 92576
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.0 96.0#
 89 0.4 37.4 56.2#

