

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002929.D
 Acq On : 18 Jun 2020 19:11
 Operator : SY/MD
 Sample : L3034-10
 Misc : 6.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 05:08:14 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	257251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	419993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	404484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130597	58.47	ug/l	0.00
Spiked Amount			Recovery	=	116.94%	
35) Dibromofluoromethane	7.72	113	131861	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
50) Toluene-d8	10.18	98	497845	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.48	95	174805	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

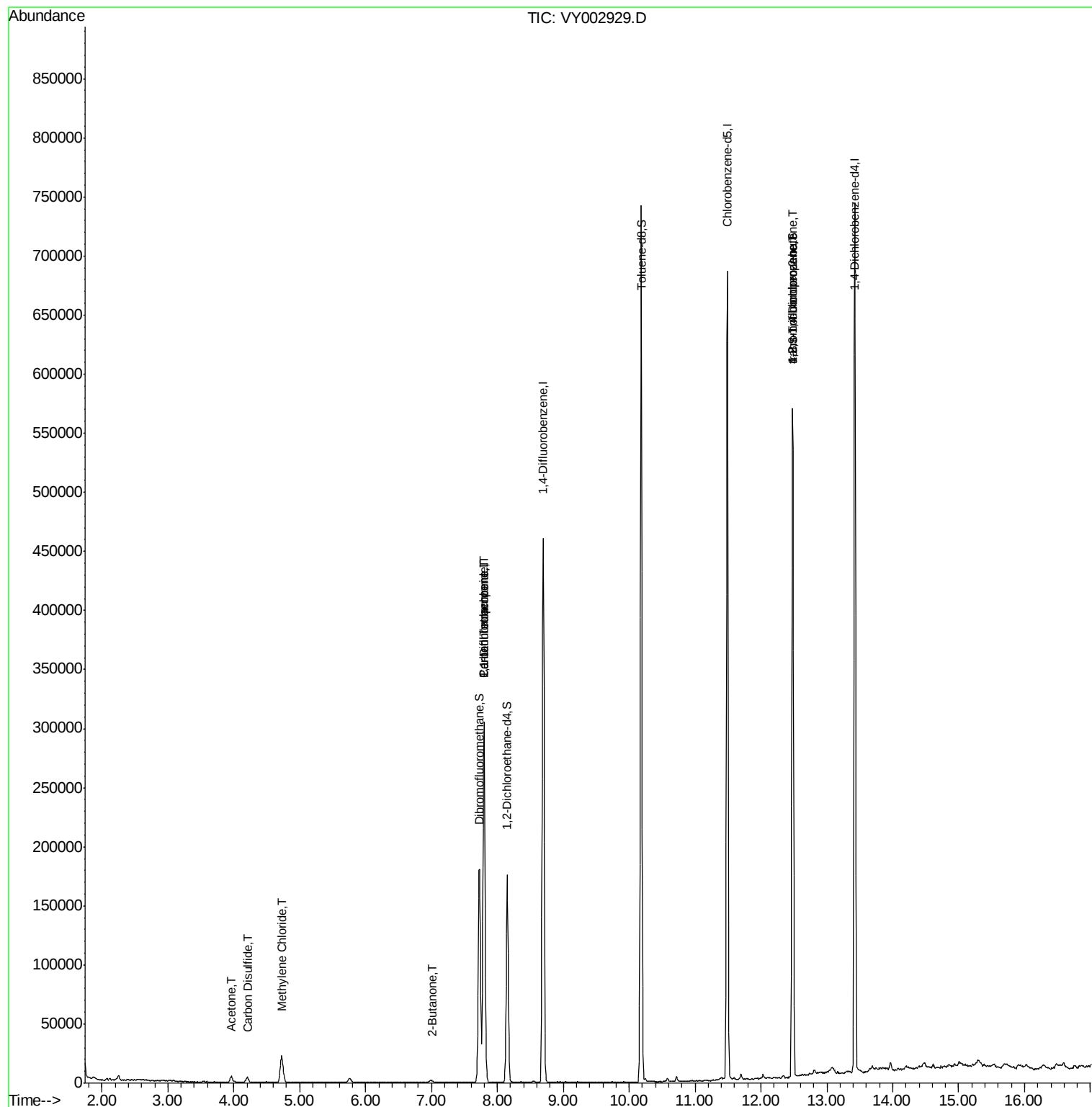
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	164	Below Cal	#	74
16) Acetone	3.96	43	8194	15.644	ug/l #	87
17) Carbon Disulfide	4.20	76	8550	1.293	ug/l #	93
18) Methyl Acetate	4.49	43	469	Below Cal	#	85
20) Methylene Chloride	4.72	84	18518	7.235	ug/l	96
25) 2-Butanone	7.02	43	1351	1.656	ug/l #	63
36) 1,1-Dichloropropene	7.80	75	15905	4.496	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23029	5.859	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	83794	45.118	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83794	85.002	ug/l #	17

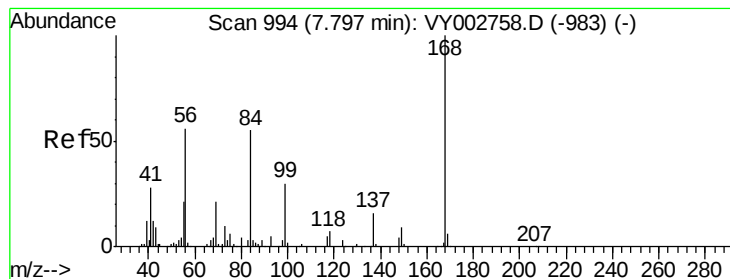
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002929.D

Acq: 18 Jun 2020 19:11

Instrument :

MSVOA_Y

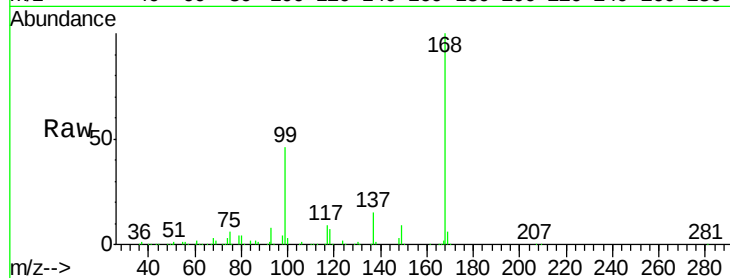
ClientSampleId :

Tot Ion:168 Resp: 257251

Ion Ratio Lower Upper

168 100

99 45.8 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) (-)

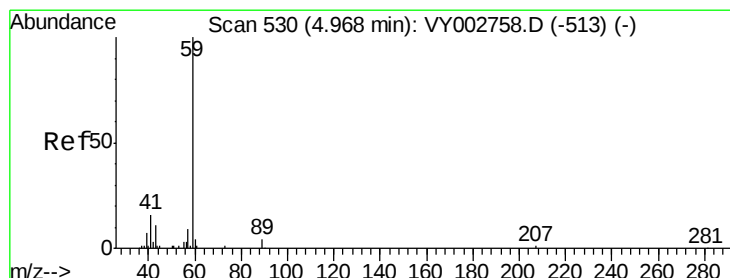
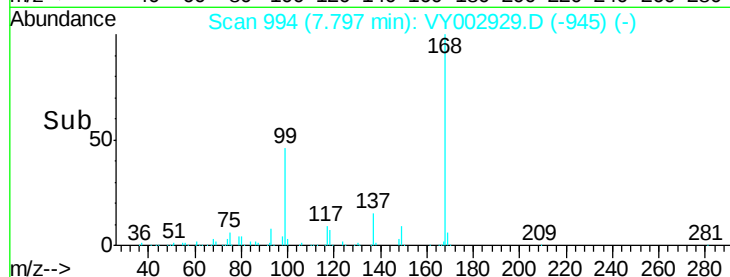
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY002929.D

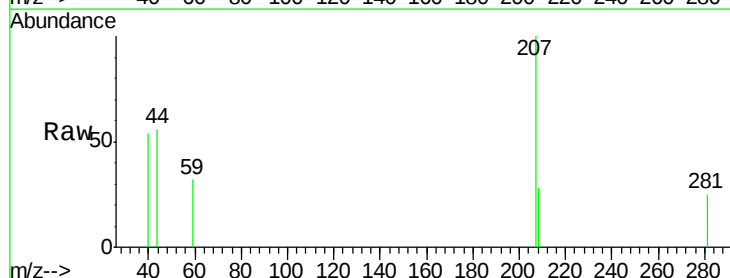
Acq: 18 Jun 2020 19:11

Tgt Ion: 59 Resp: 164

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) (-)

4.96

100

80

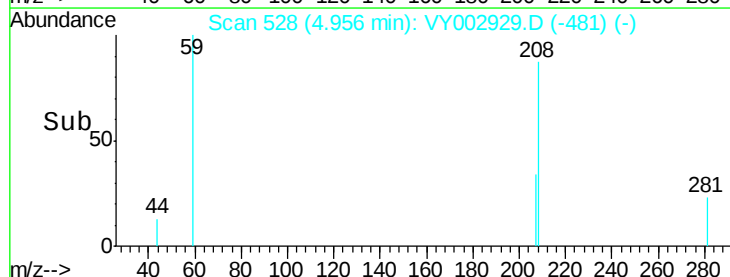
60

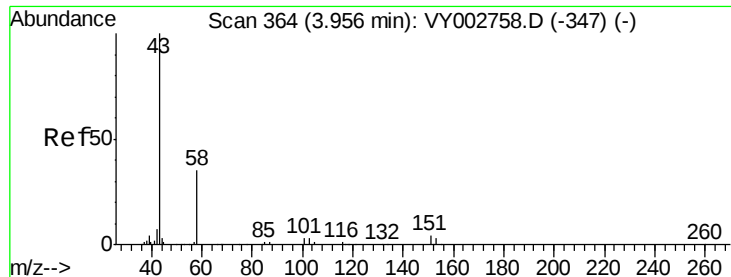
40

20

0

Time-->





#16

Acetone

Concen: 15.644 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002929.D

Acq: 18 Jun 2020 19:11

Instrument :

MSVOA_Y

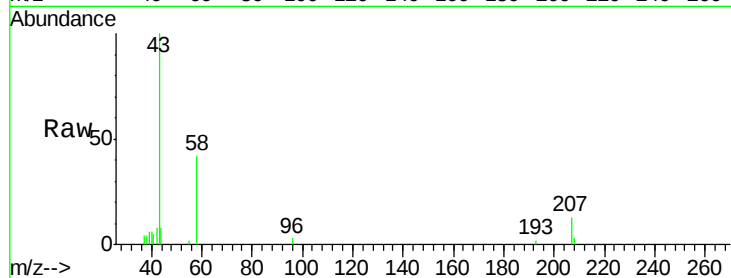
ClientSampleId :

Tot Ion: 43 Resp: 8194

Ion Ratio Lower Upper

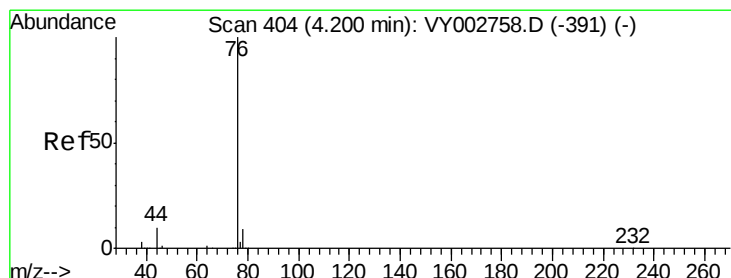
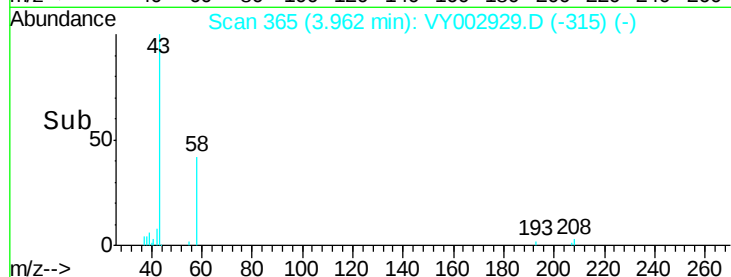
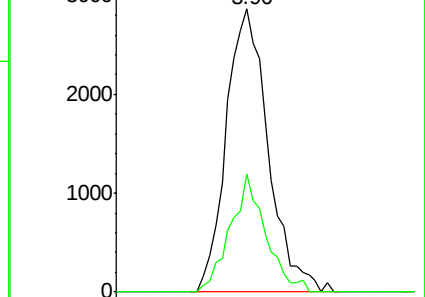
43 100

58 41.8 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 1.293 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002929.D

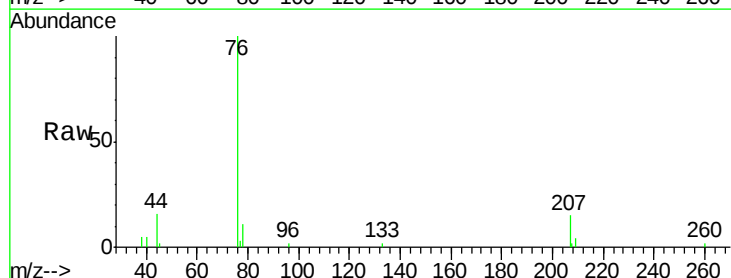
Acq: 18 Jun 2020 19:11

Tgt Ion: 76 Resp: 8550

Ion Ratio Lower Upper

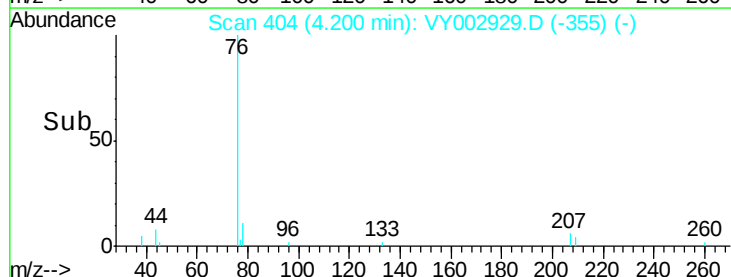
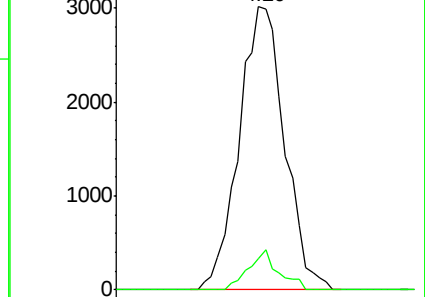
76 100

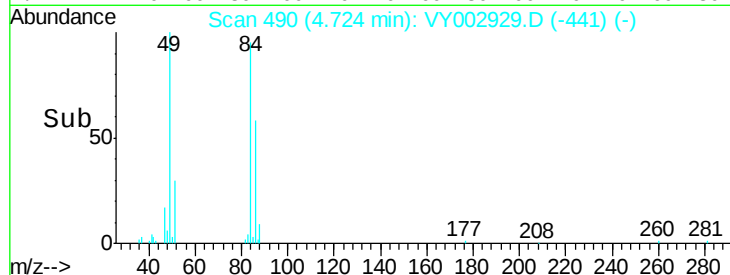
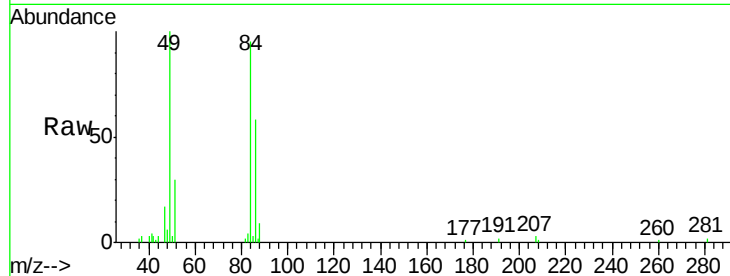
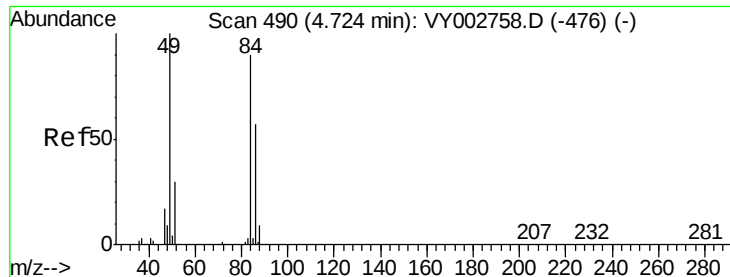
78 11.3 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VY0

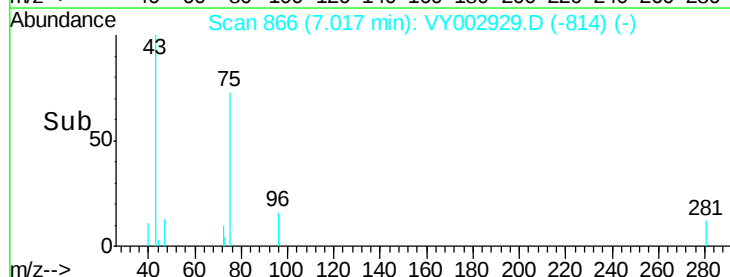
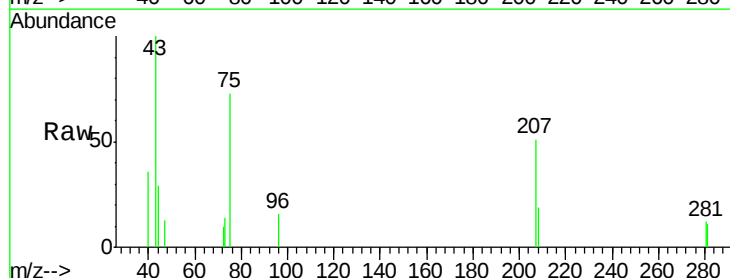
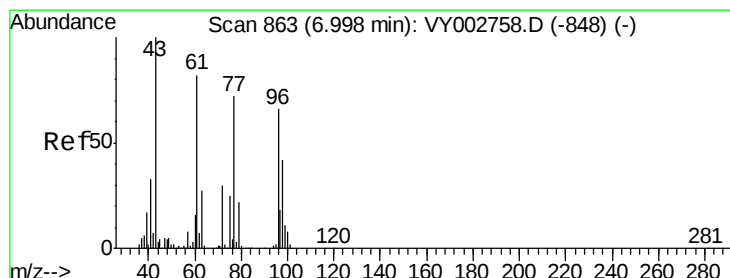
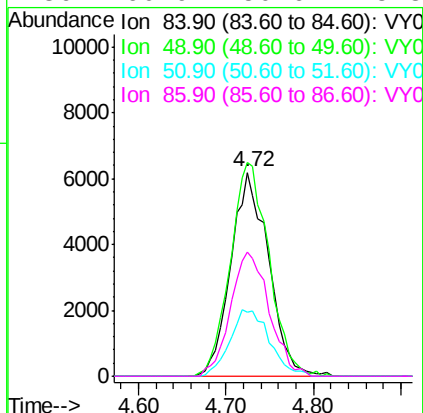
Ion 77.90 (77.60 to 78.60): VY0





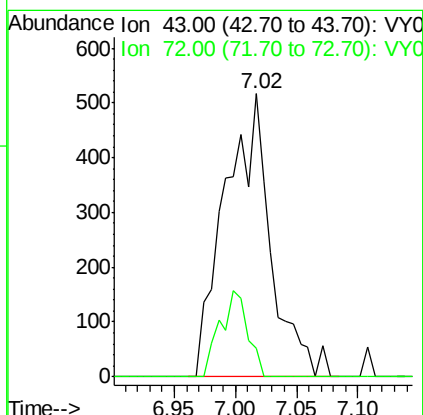
#20
Methvlene Chloride
Concen: 7.235 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002929.D
Acq: 18 Jun 2020 19:11

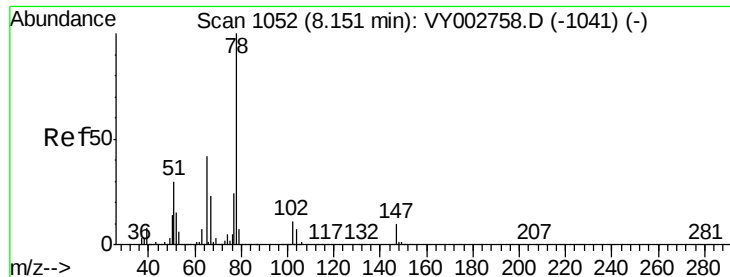
Tot Ion:	84	Resp:	18518
Ion	Ratio	Lower	Upper
84	100		
49	104.8	88.5	132.7
51	31.5	26.8	40.2
86	60.9	50.6	75.8



#25
2-Butanone
Concen: 1.656 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY002929.D
Acq: 18 Jun 2020 19:11

Tgt Ion:	43	Resp:	1351
Ion	Ratio	Lower	Upper
43	100		
72	10.1	23.9	35.9#

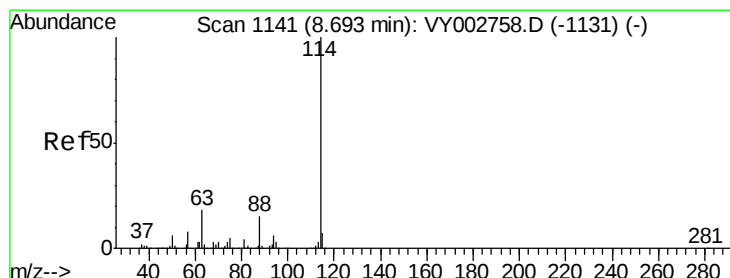
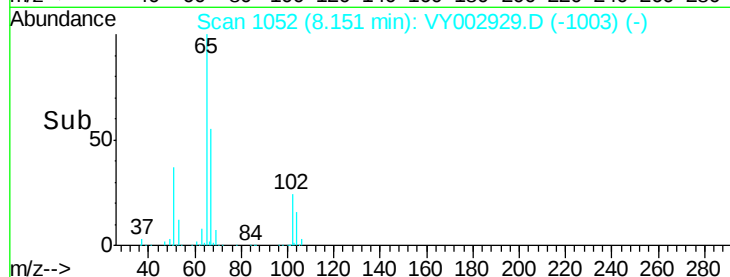
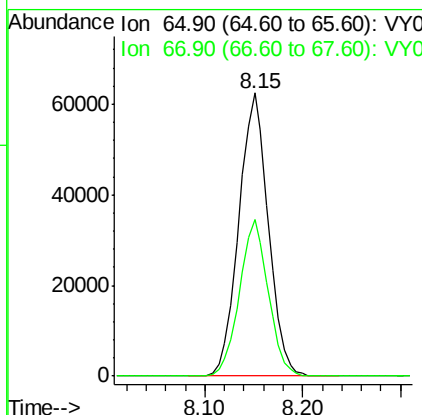
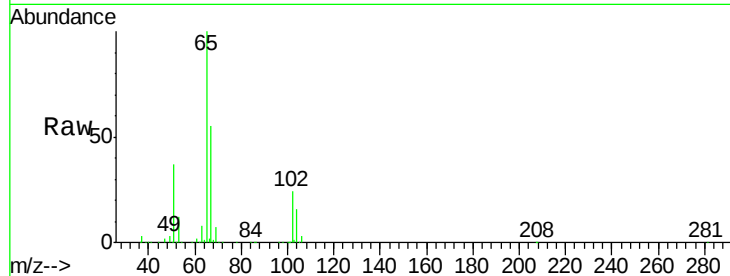




#33
 1,2-Dichloroethane-d4
 Concen: 58.468 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002929.D
 Acq: 18 Jun 2020 19:11

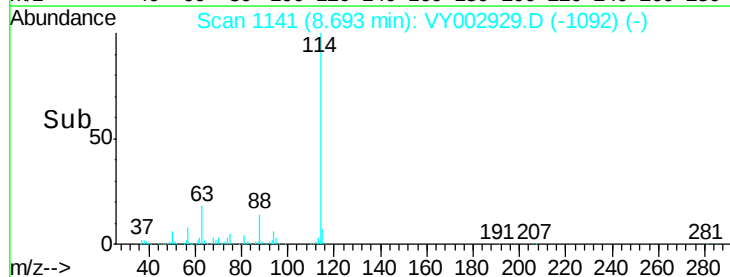
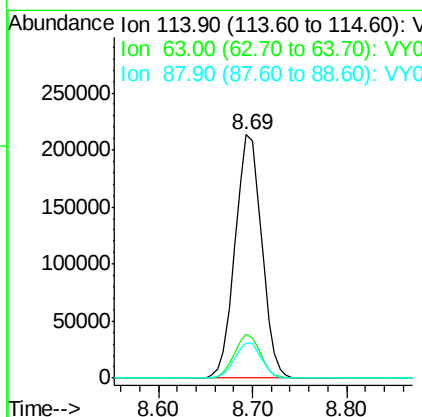
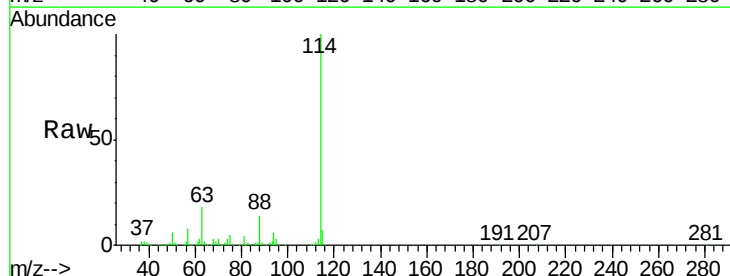
Instrument :
 MSVOA_Y
 ClientSampleId :

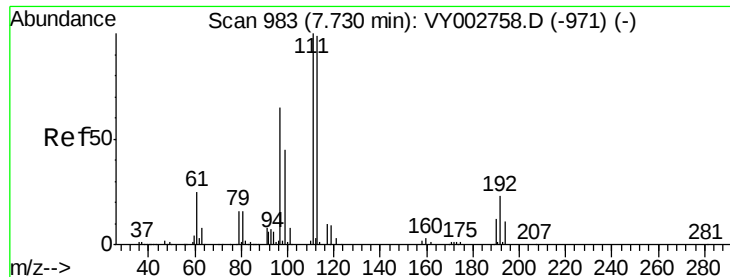
Tot Ion: 65 Resp: 130597
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002929.D
 Acq: 18 Jun 2020 19:11

Tgt Ion: 114 Resp: 419993
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.5 0.0 29.2

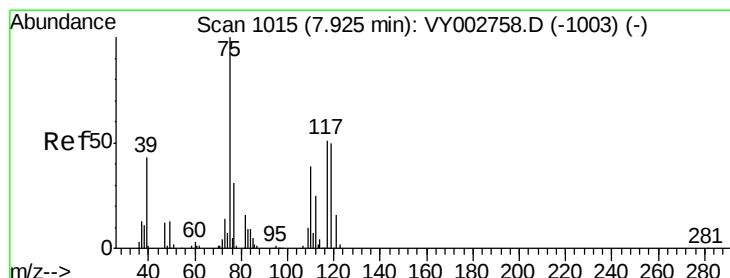
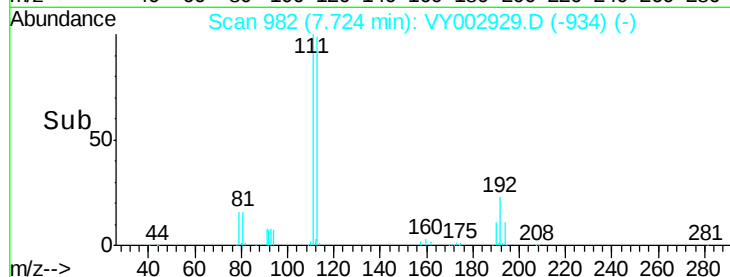
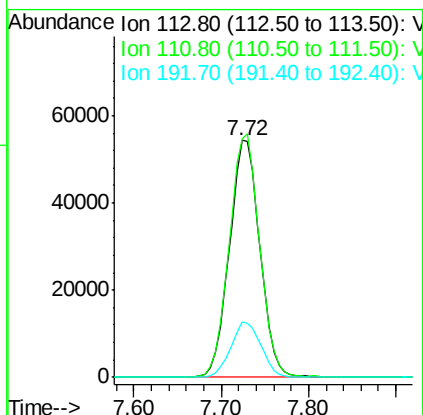
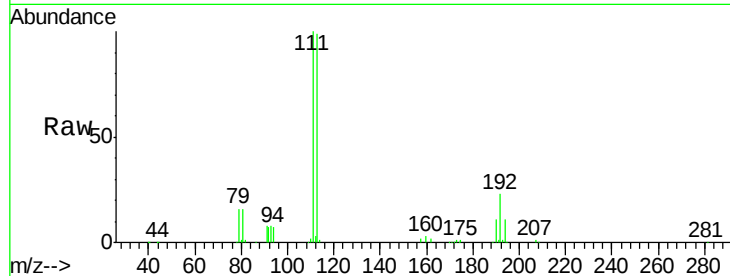




#35
 Dibromofluoromethane
 Concen: 53.572 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002929.D
 Acq: 18 Jun 2020 19:11

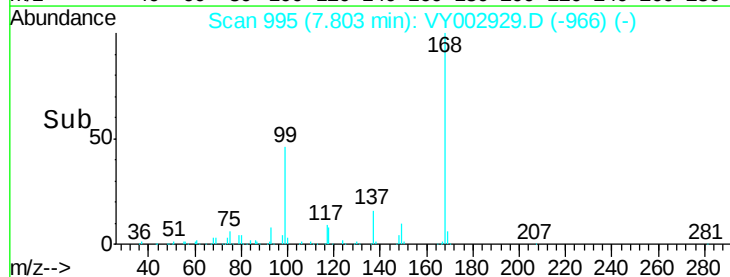
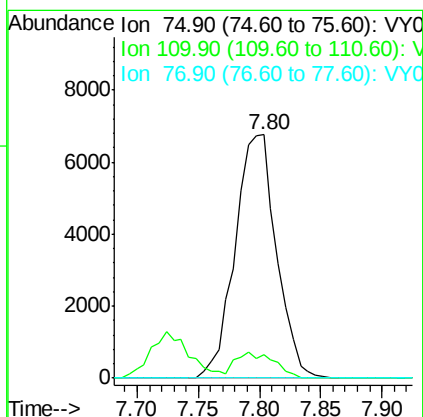
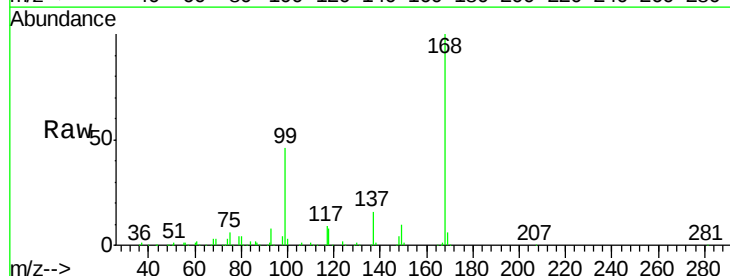
Instrument :
 MSVOA_Y
 ClientSampleId :

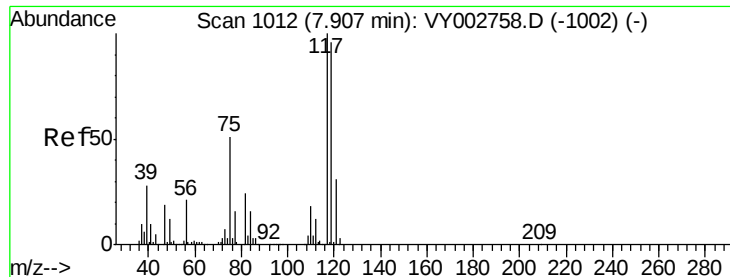
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.1	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.496 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002929.D
 Acq: 18 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.3	57.9#
77	0.0	24.8	37.2#

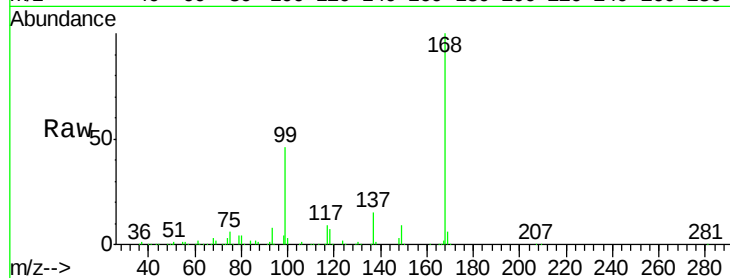




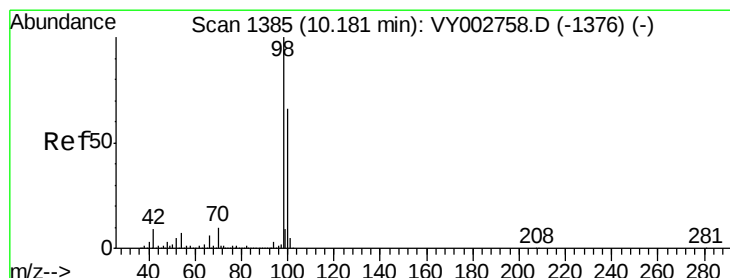
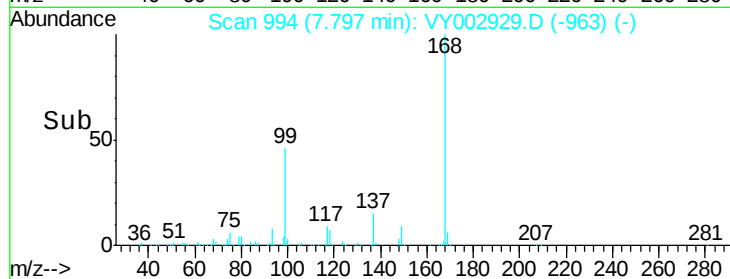
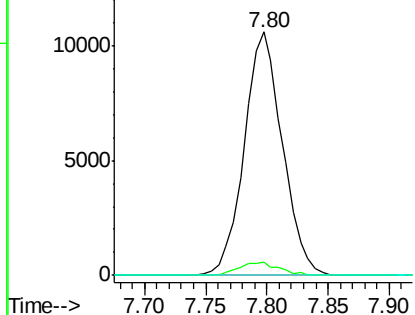
#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002929.D
Acq: 18 Jun 2020 19:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 23029
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 24.8 37.2#

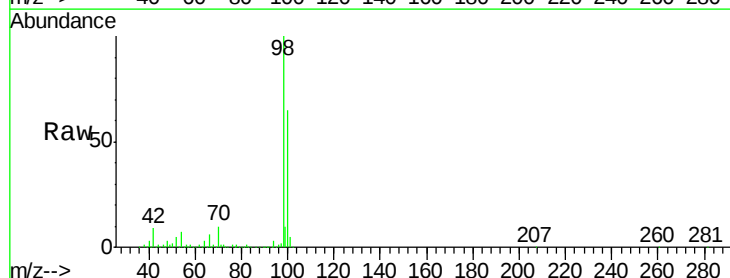


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

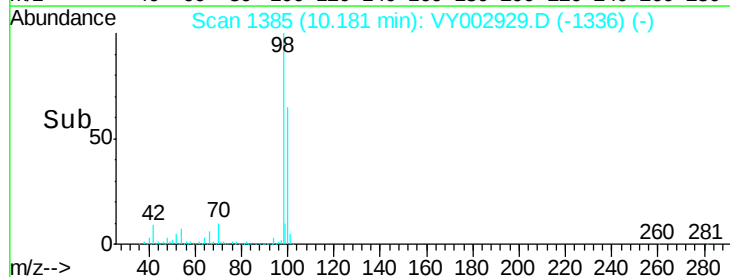
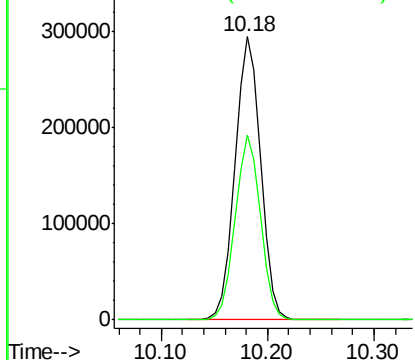


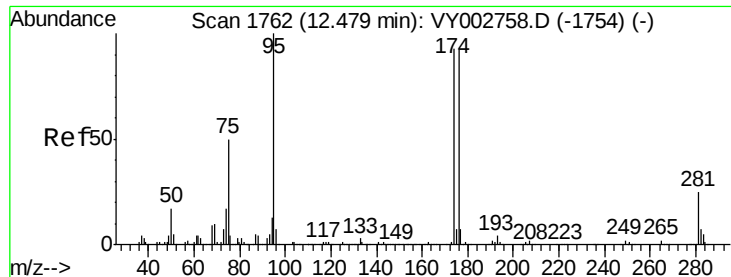
#50
Toluene-d8
Concen: 50.025 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002929.D
Acq: 18 Jun 2020 19:11

Tgt Ion: 98 Resp: 497845
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



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

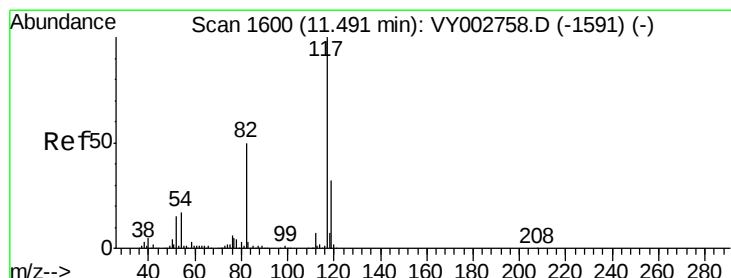
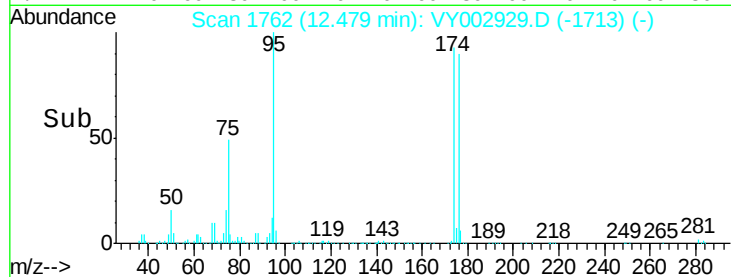
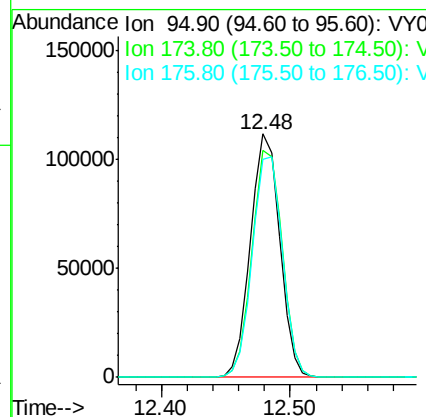
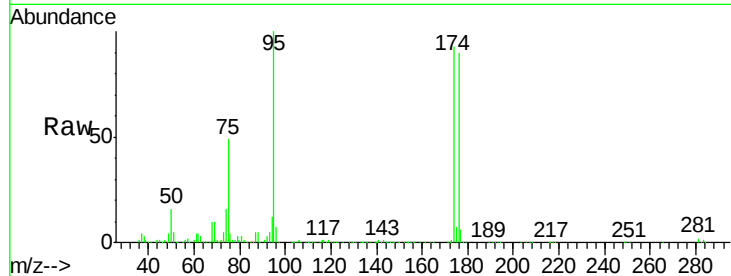




#62
4-Bromofluorobenzene
Concen: 51.397 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002929.D
Acq: 18 Jun 2020 19:11

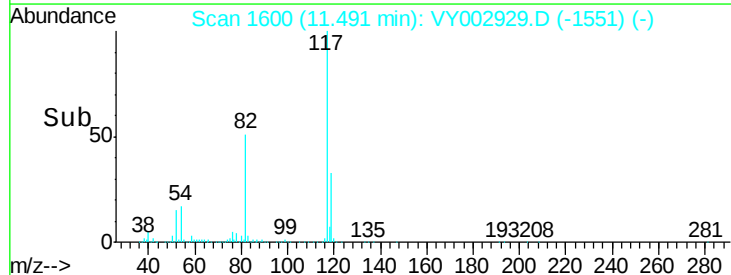
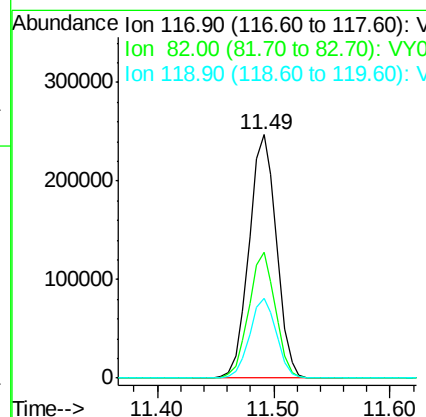
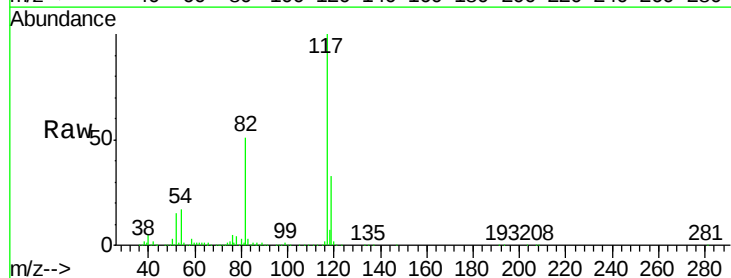
Instrument :
MSVOA_Y
ClientSampleId :

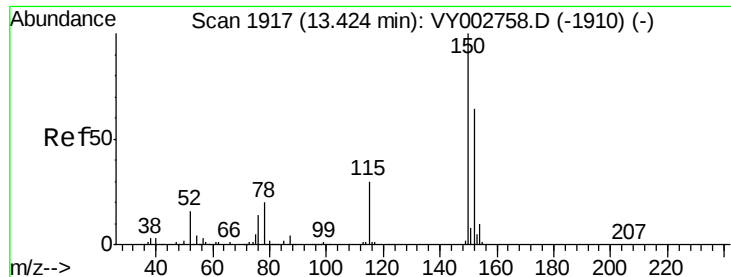
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	191.2
176	93.5	0.0	188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002929.D
Acq: 18 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.2	60.4
119	32.5	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002929.D

Acq: 18 Jun 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

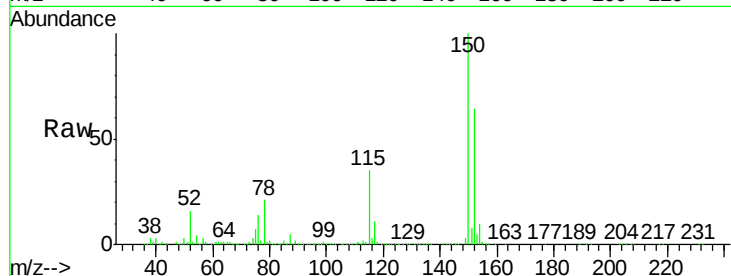
Tot Ion:152 Resp: 206115

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

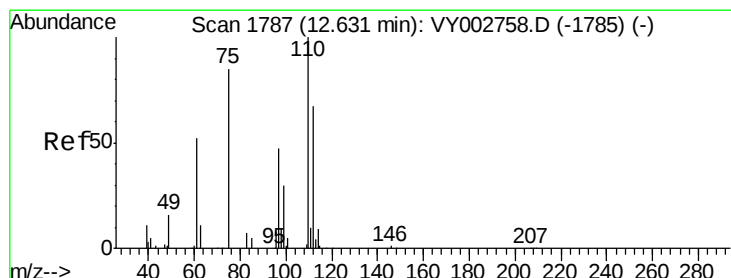
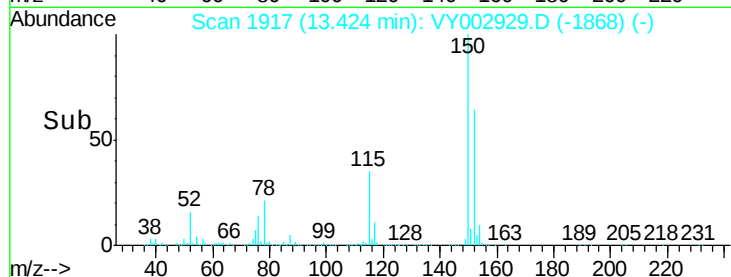
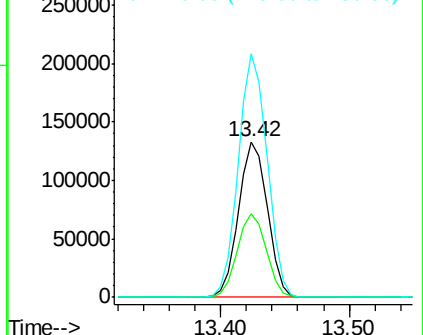
150 156.6 0.0 344.8



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: 45.118 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002929.D

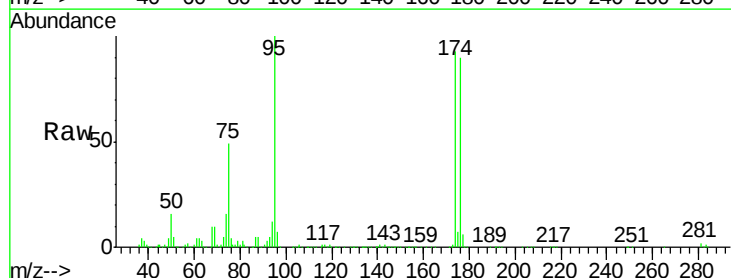
Acq: 18 Jun 2020 19:11

Tgt Ion: 75 Resp: 83794

Ion Ratio Lower Upper

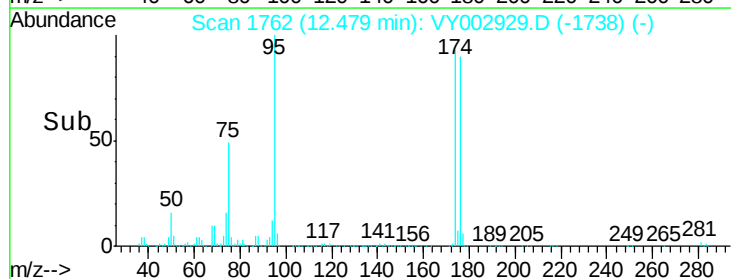
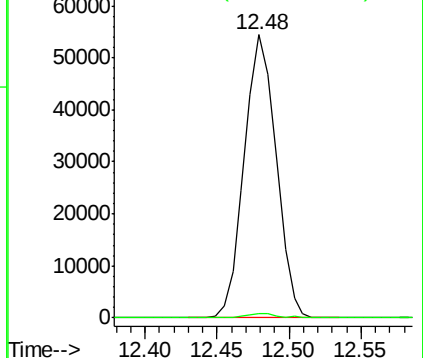
75 100

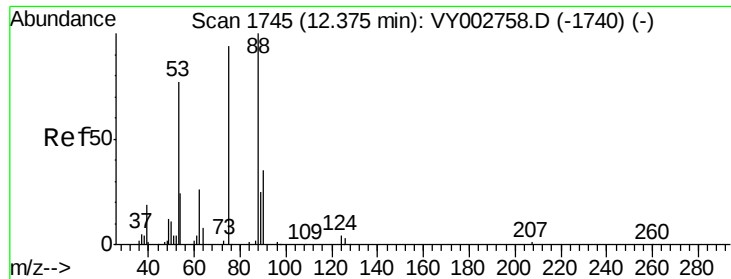
77 1.5 0.0 0.0#



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: 85.002 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002929.D

Acq: 18 Jun 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

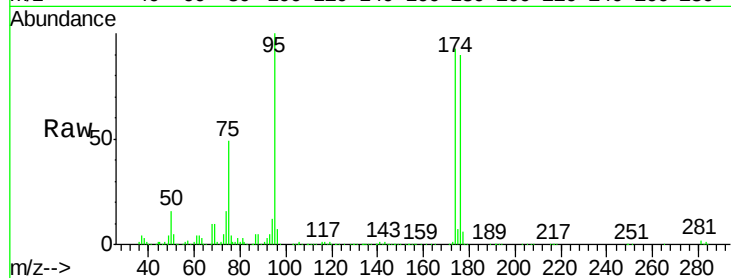
Tot Ion: 75 Resp: 83794

Ion Ratio Lower Upper

75 100

53 0.2 64.0 96.0#

89 0.2 37.4 56.2#



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

