

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003085.D
 Acq On : 02 Jul 2020 15:11
 Operator : SY/MD
 Sample : L3172-01RE
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-SS

Quant Time: Jul 03 02:37:35 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	289843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	464730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	449221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232578	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	169302	58.81	ug/l	0.00
Spiked Amount			Recovery	=	117.62%	
35) Dibromofluoromethane	7.72	113	157962	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	
50) Toluene-d8	10.18	98	560252	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.48	95	203573	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	

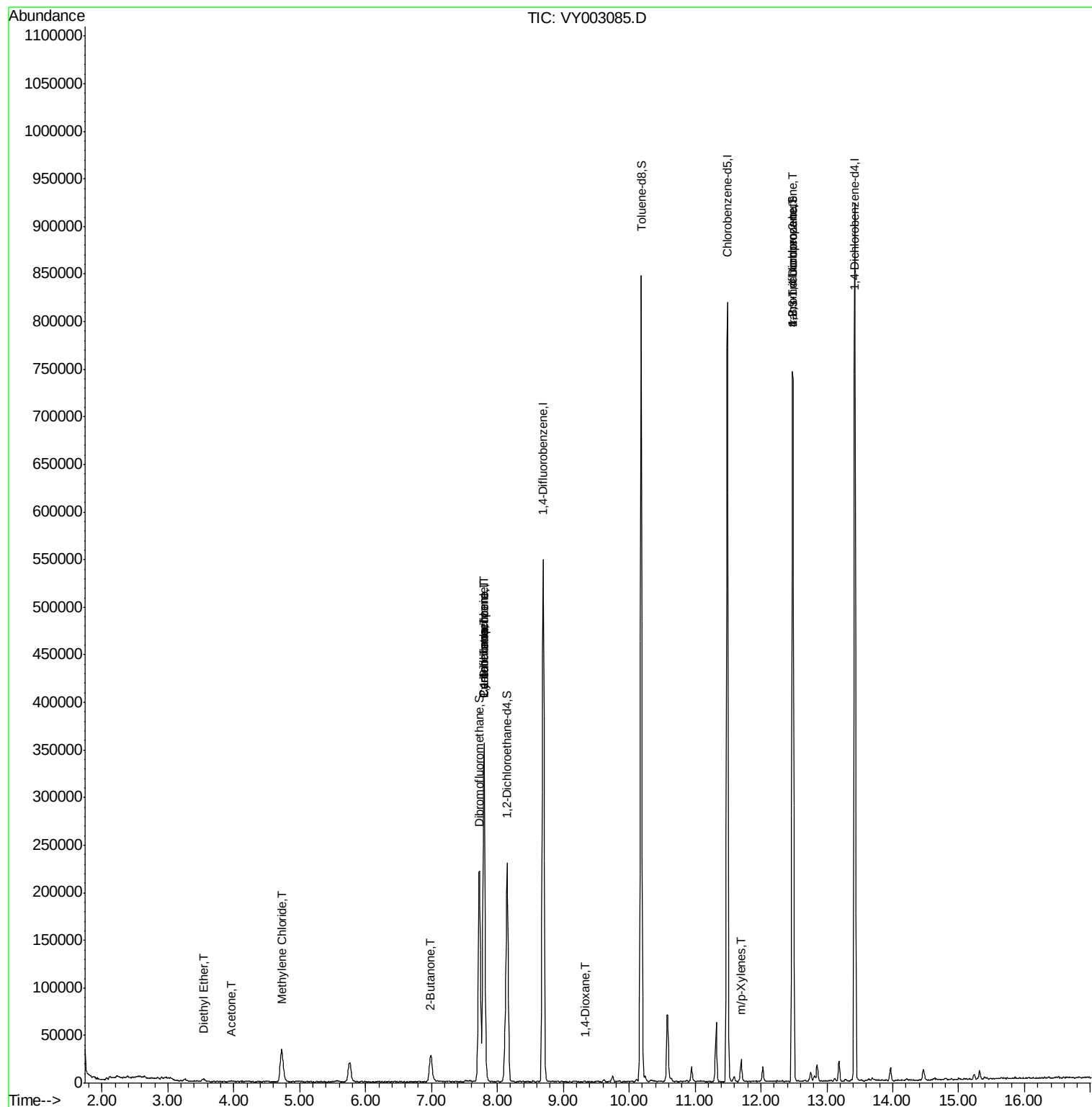
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	2023	1.333	ug/l	95
16) Acetone	3.96	43	1650	2.430	ug/l #	79
20) Methylene Chloride	4.73	84	26067	1.898	ug/l #	84
25) 2-Butanone	6.99	43	1938	1.797	ug/l	92
31) Cyclohexane	7.80	56	5574	1.101	ug/l #	18
36) 1,1-Dichloropropene	7.80	75	19662	4.392	ug/l #	50
38) Carbon Tetrachloride	7.80	117	25369	5.447	ug/l #	17
49) 1,4-Dioxane	9.33	88	24	1.068	ug/l #	23
68) m/p-Xylenes	11.70	106	7693	1.276	ug/l	91
76) 1,2,3-Trichloropropane	12.48	75	104160	45.251	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	104160	88.040	ug/l #	12

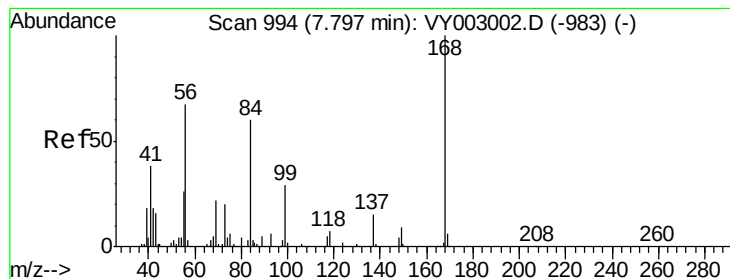
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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Quant Time: Jul 03 02:37:35 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: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampled :

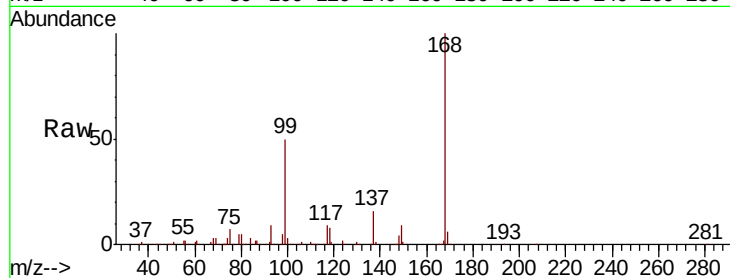
TP1-SS

Tot Ion:168 Resp: 289843

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003085.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003085.D (-945) (-)

7.80

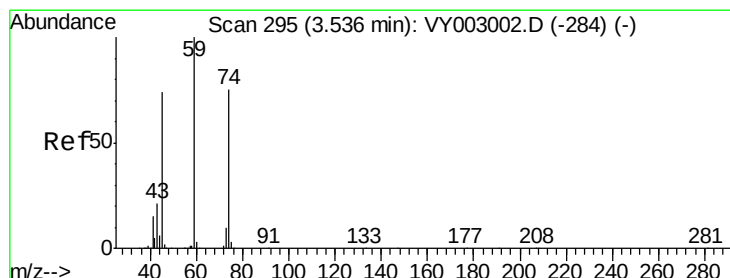
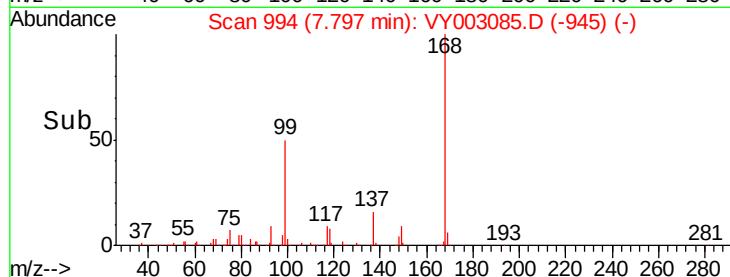
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.333 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003085.D

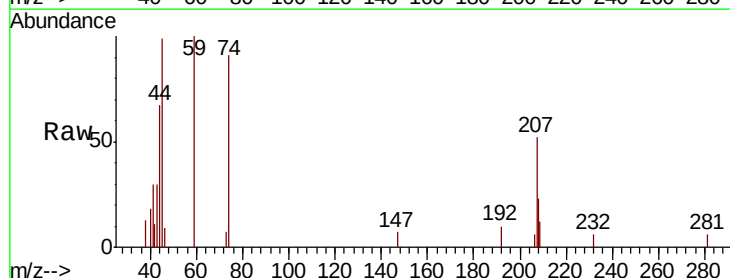
Acq: 02 Jul 2020 15:11

Tgt Ion: 74 Resp: 2023

Ion Ratio Lower Upper

74 100

45 93.2 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003085.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003085.D (-246) (-)

3.54

1000

800

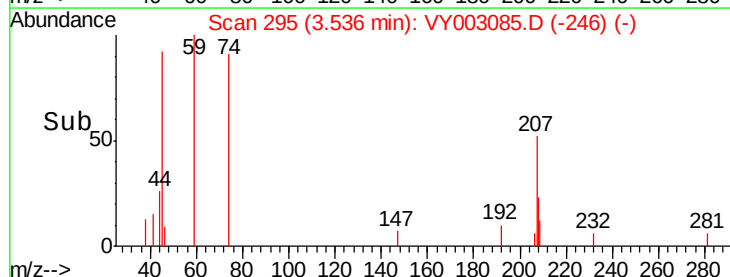
600

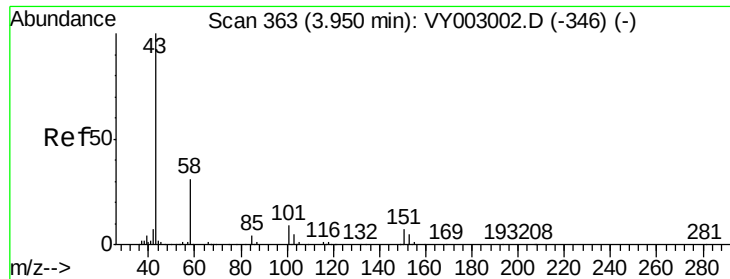
400

200

0

Time-->





#16

Acetone

Concen: 2.430 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampled :

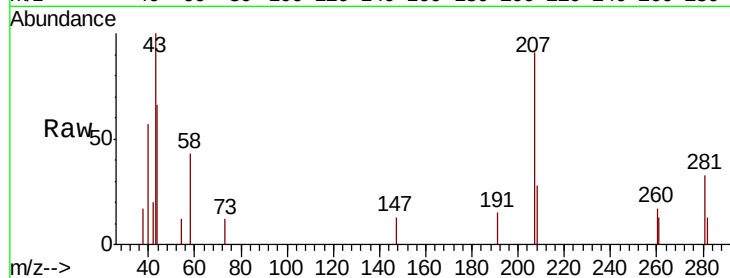
TP1-SS

Tot Ion: 43 Resp: 1650

Ion Ratio Lower Upper

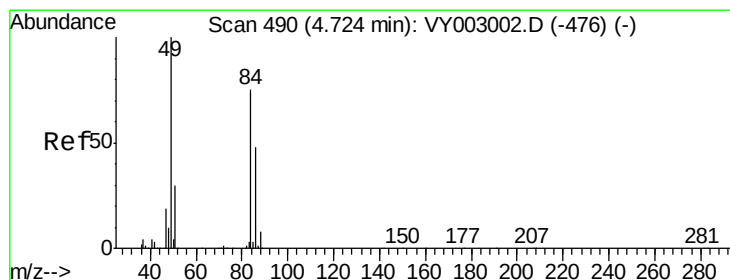
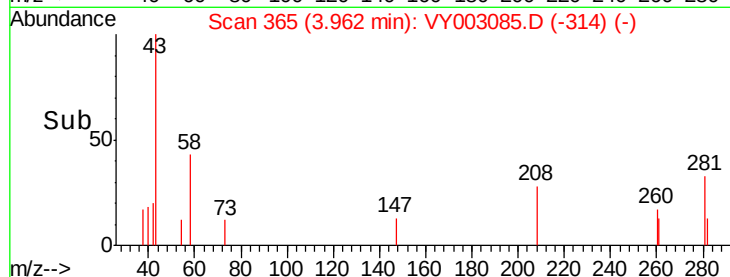
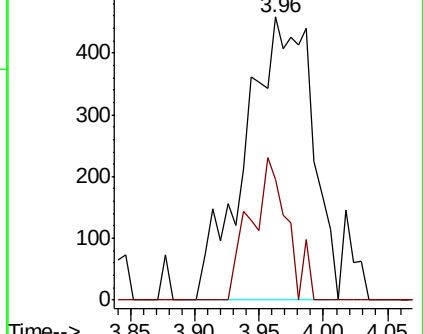
43 100

58 42.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 1.898 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Tgt Ion: 84 Resp: 26067

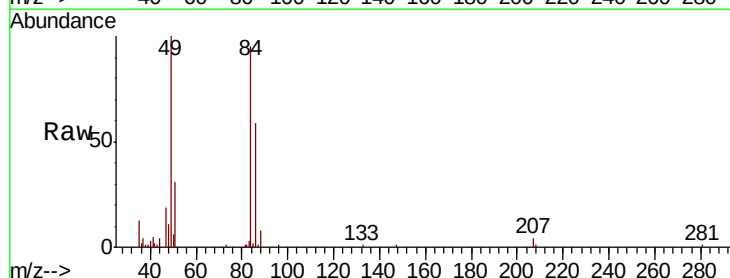
Ion Ratio Lower Upper

84 100

49 105.6 106.8 160.2#

51 32.4 32.0 48.0

86 62.0 51.4 77.2

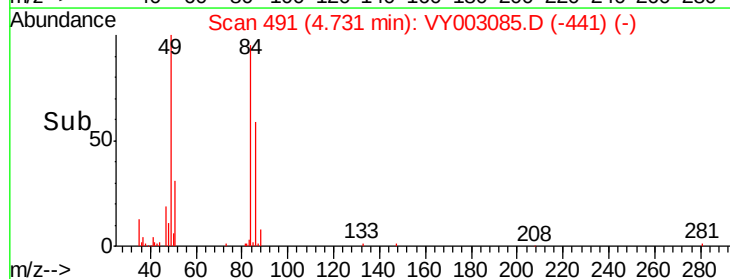
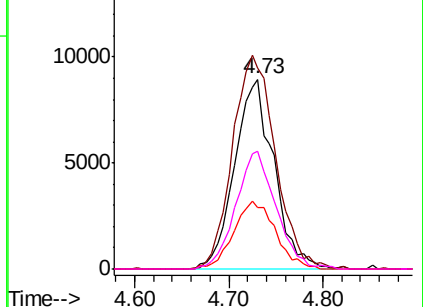


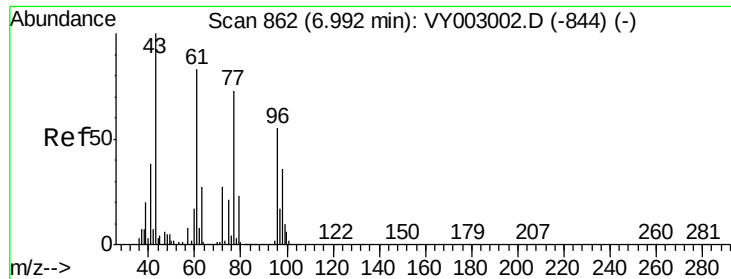
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

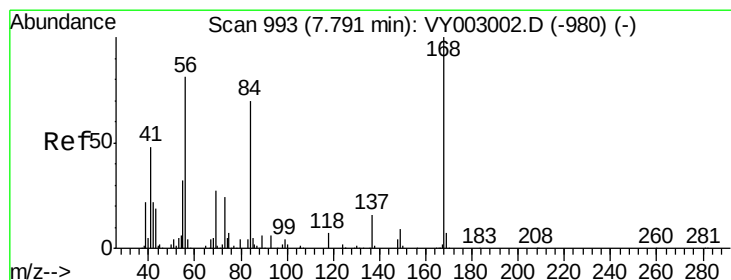
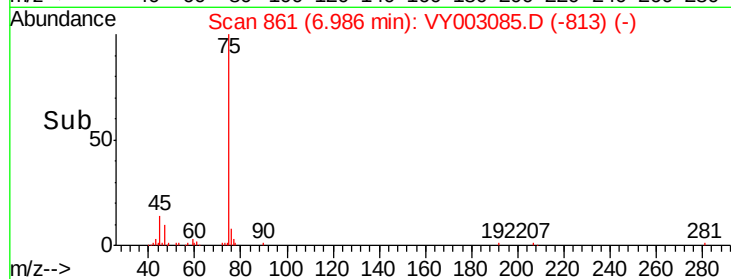
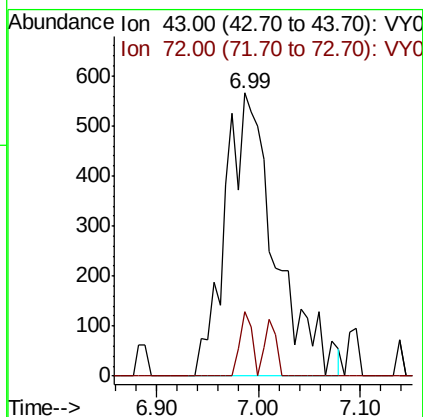
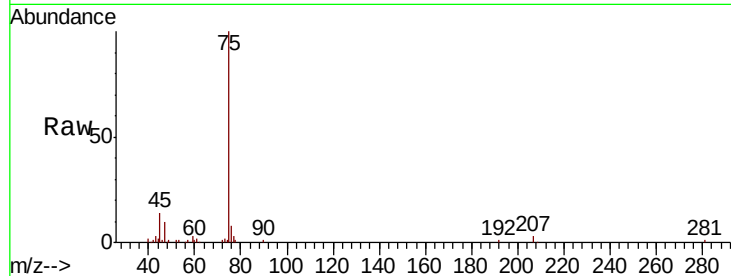




#25
2-Butanone
Concen: 1.797 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

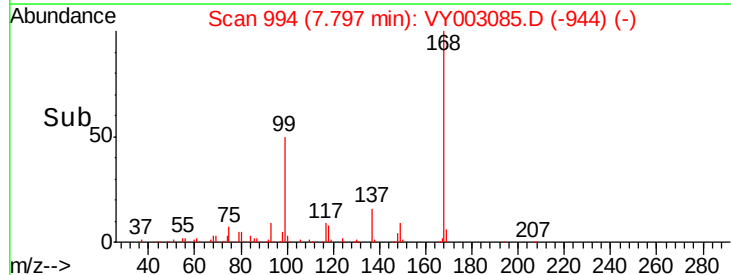
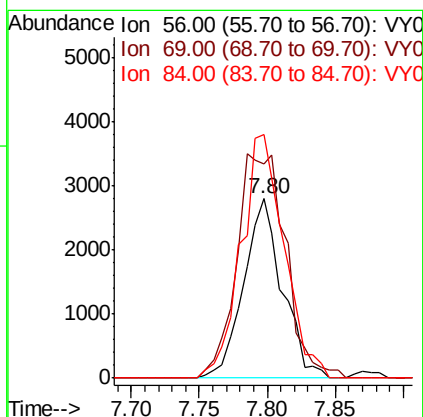
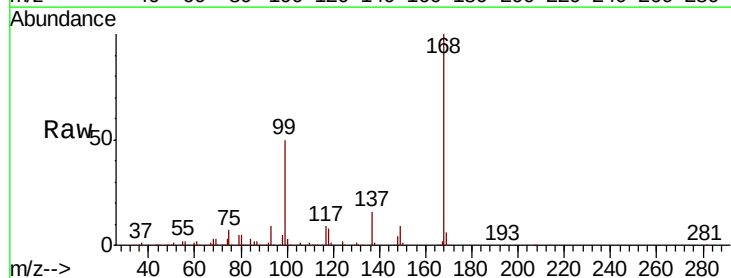
Instrument :
MSVOA_Y
ClientSampleId :
TP1-SS

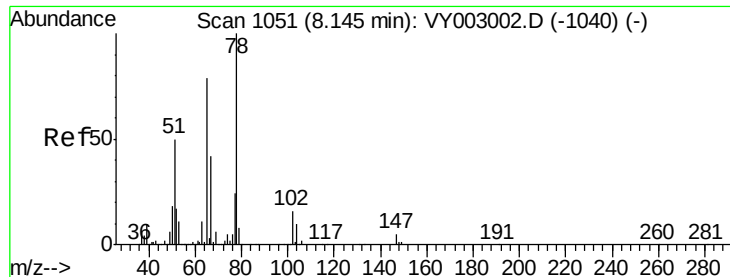
Tot Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
72 22.6 21.4 32.0



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Tgt Ion: 56 Resp: 5574
Ion Ratio Lower Upper
56 100
69 119.2 27.0 40.4#
84 135.7 68.1 102.1#

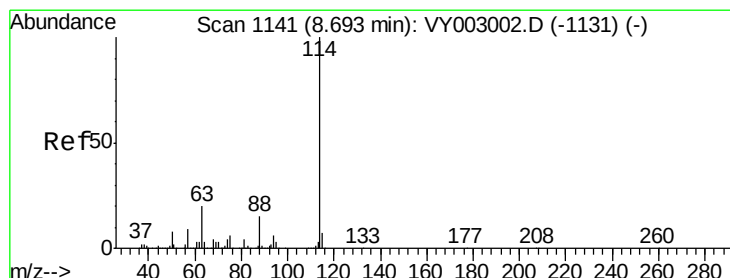
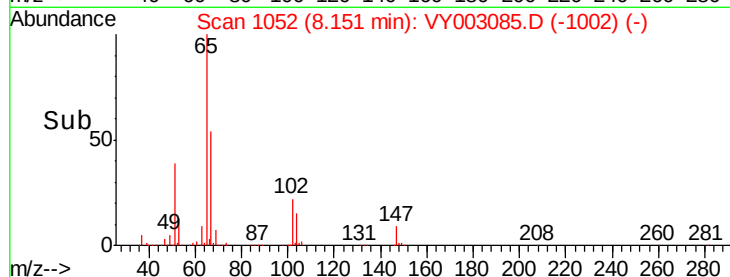
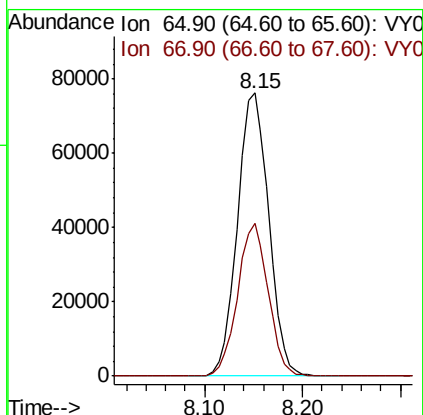
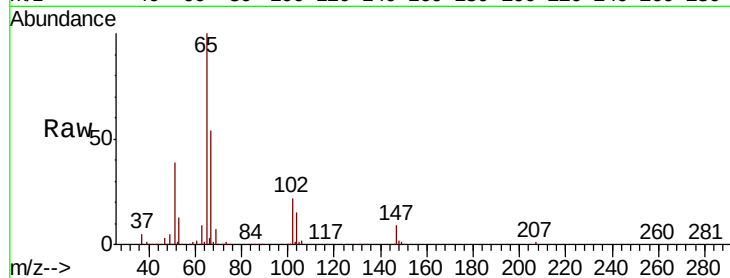




#33
 1,2-Dichloroethane-d4
 Concen: 58.811 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

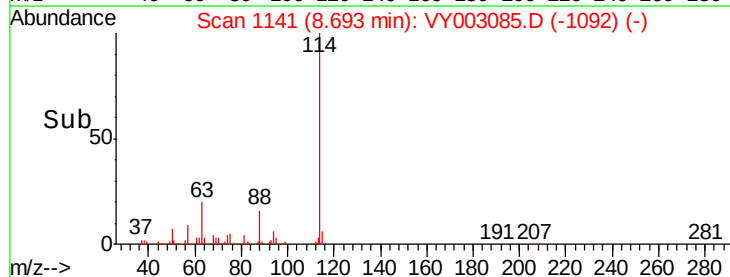
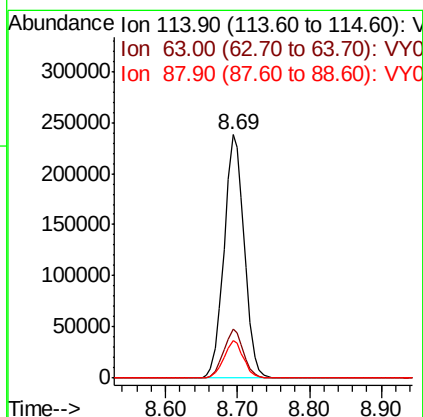
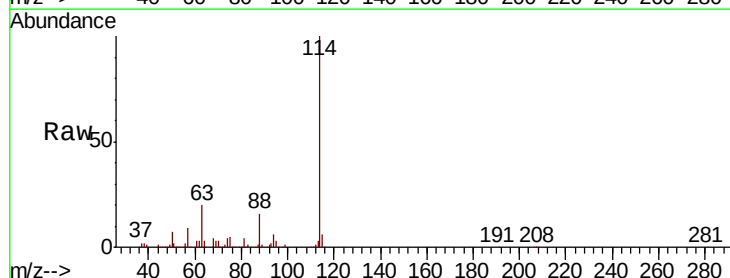
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-SS

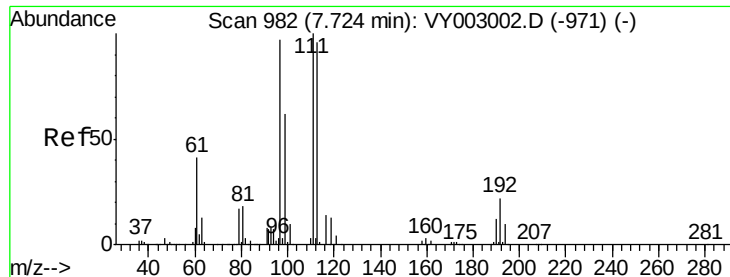
Tot Ion: 65 Resp: 169302
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

Tgt Ion: 114 Resp: 464730
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.7 0.0 30.0

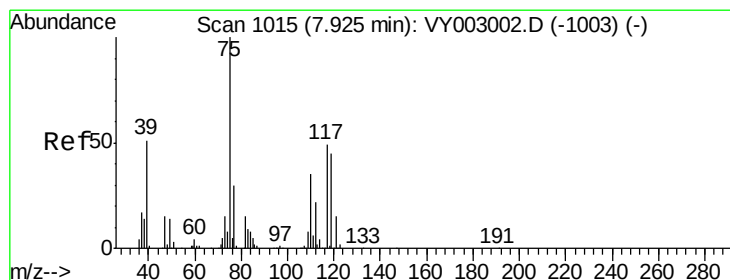
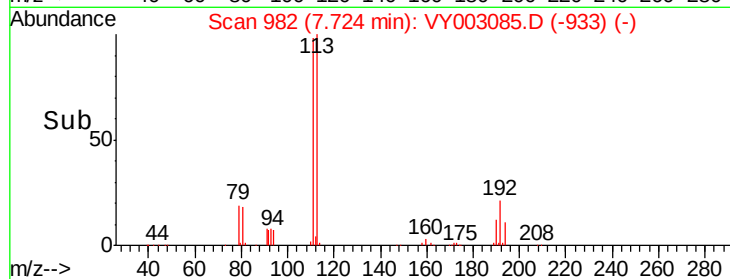
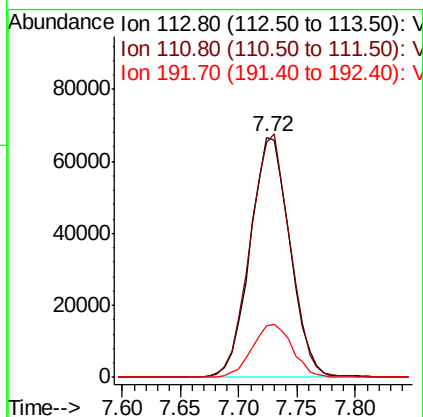
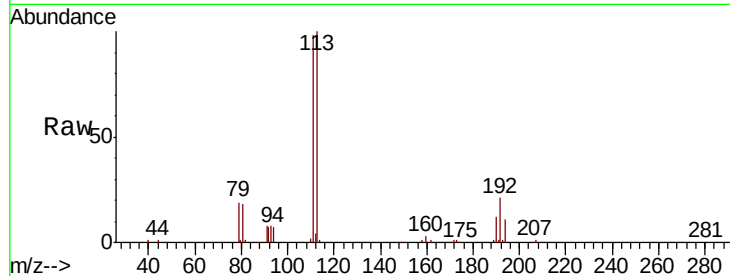




#35
 Dibromofluoromethane
 Concen: 54.487 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

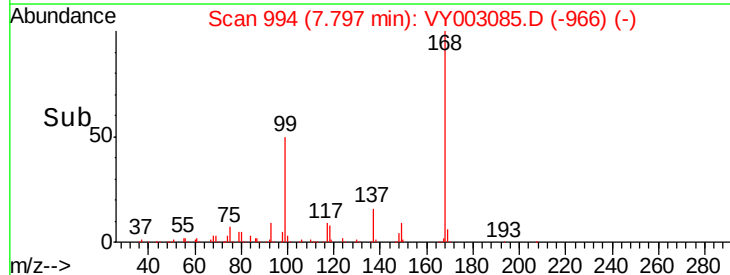
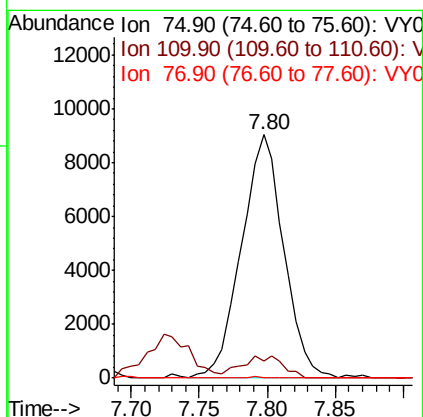
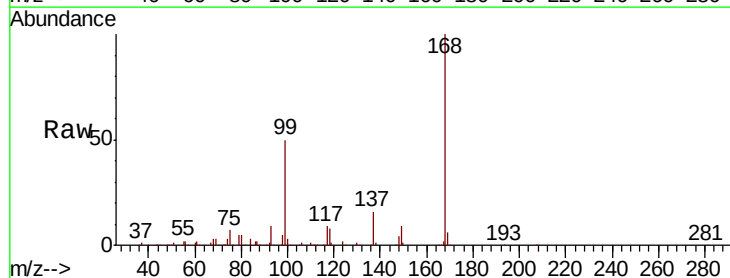
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-SS

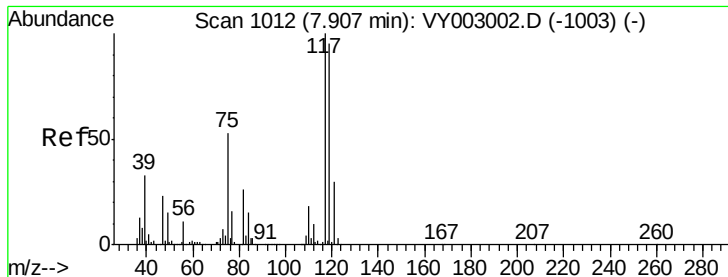
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	22.5	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.392 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.1	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.447 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TP1-SS

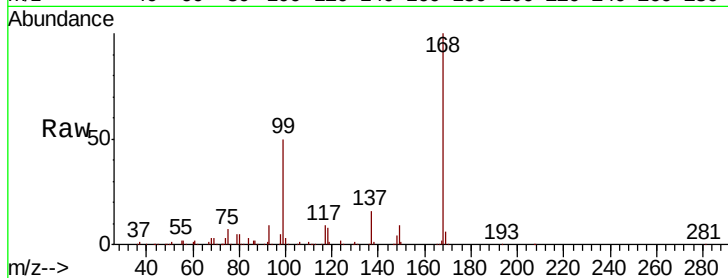
Tot Ion:117 Resp: 25369

Ion Ratio Lower Upper

117 100

119 6.1 75.7 113.5#

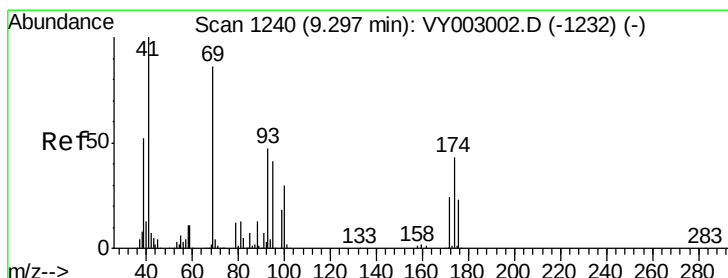
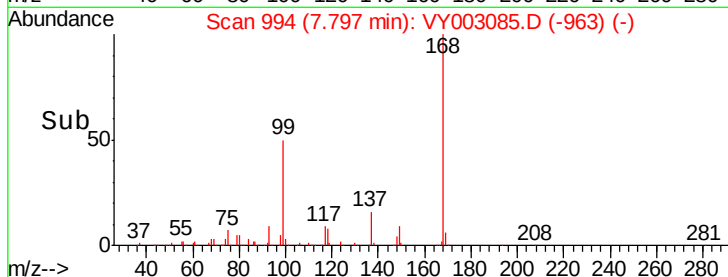
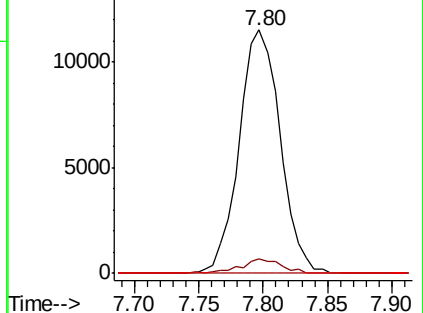
121 0.0 23.9 35.9#



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



#49

1,4-Dioxane

Concen: 1.068 ug/l

RT: 9.33 min Scan# 1246

Delta R.T. 0.04 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

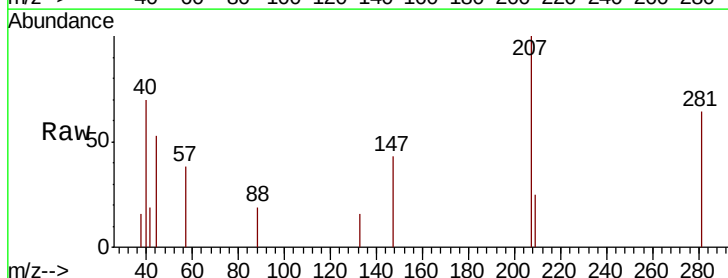
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

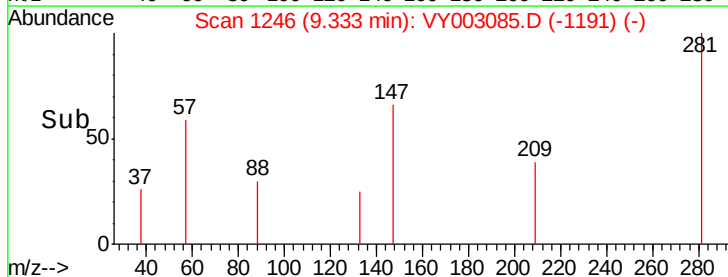
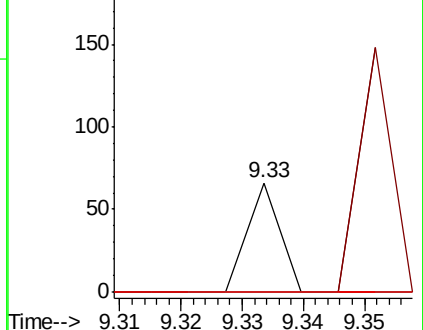
58 0.0 56.7 85.1#

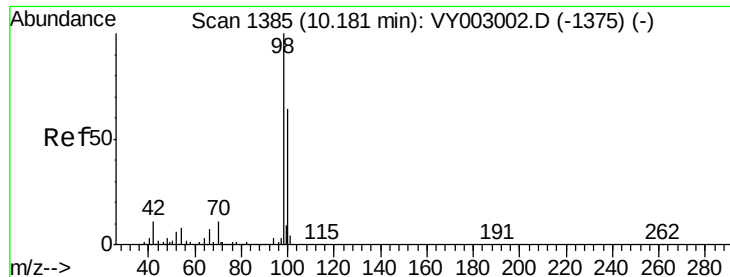


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 51.874 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

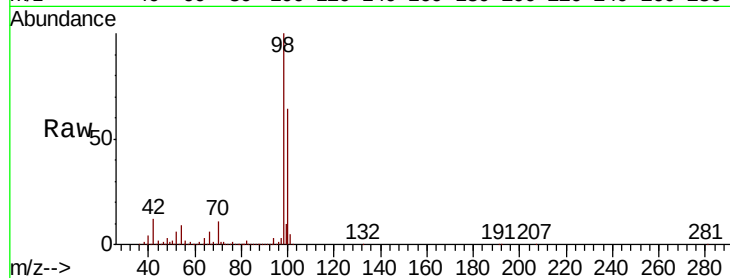
TP1-SS

Tot Ion: 98 Resp: 560252

Ion Ratio Lower Upper

98 100

100 63.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY003002.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY003002.D (-1375) (-)

10.18

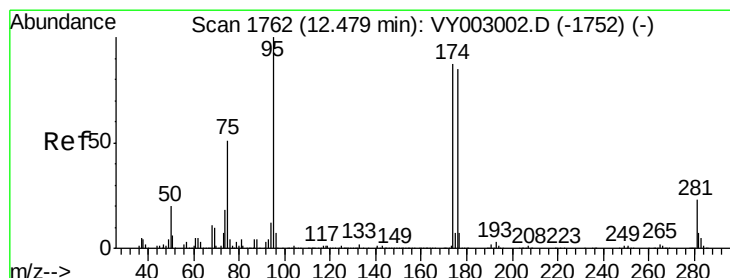
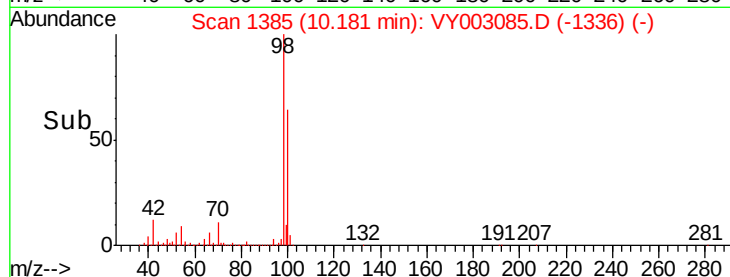
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

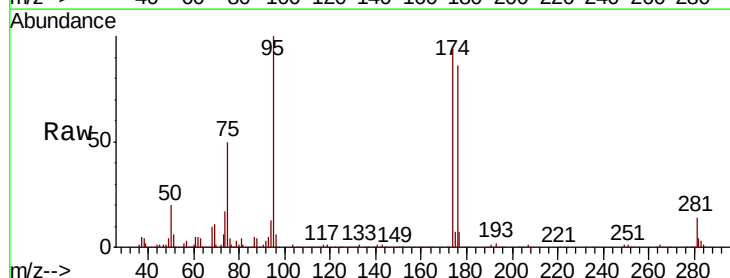
Tgt Ion: 95 Resp: 203573

Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

176 90.7 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

12.48

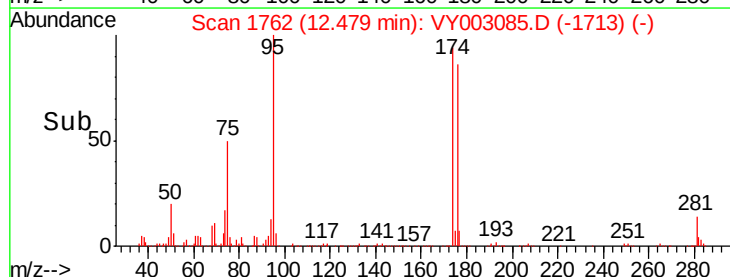
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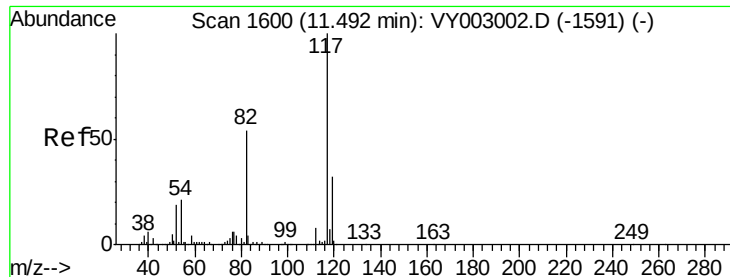
100000

50000

0

Time-->

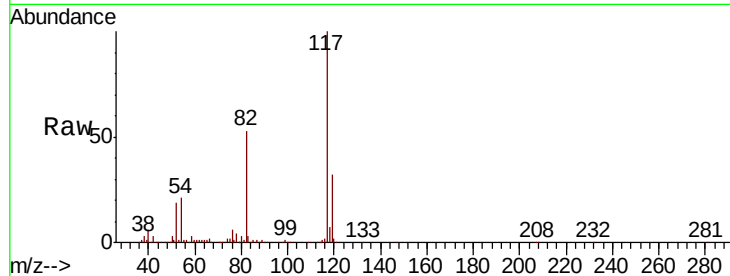




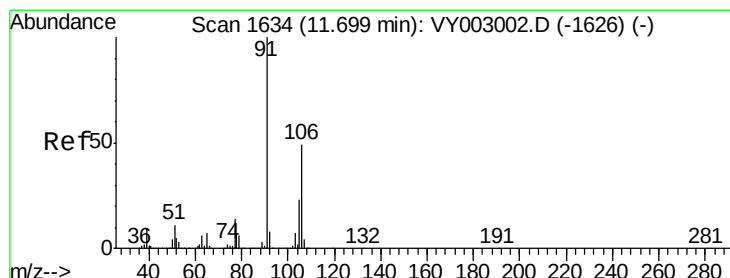
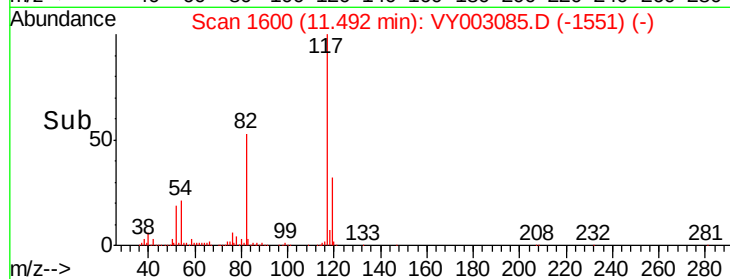
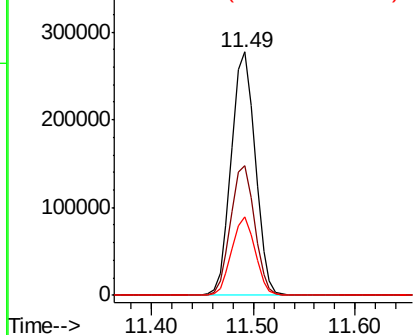
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Instrument :
MSVOA_Y
ClientSampled :
TP1-SS

Tot Ion:117 Resp: 449221
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.6
119 32.3 25.8 38.8

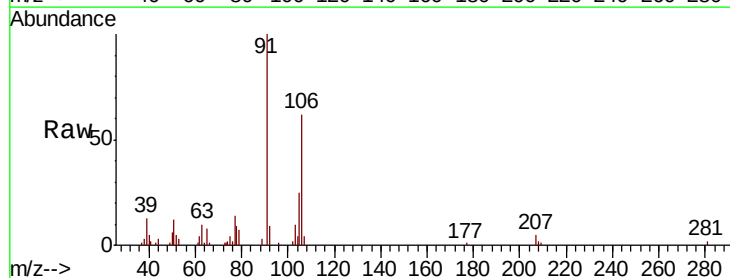


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

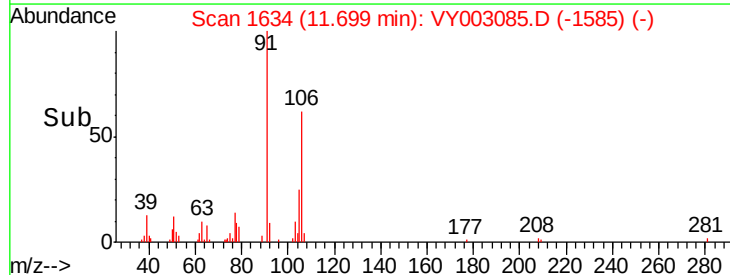
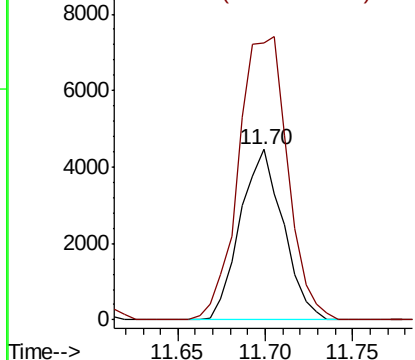


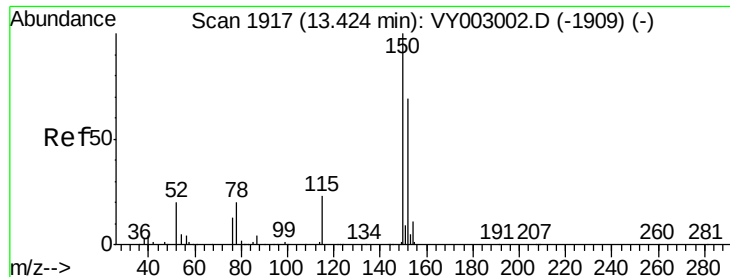
#68
m/p-Xylenes
Concen: 1.276 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Tgt Ion:106 Resp: 7693
Ion Ratio Lower Upper
106 100
91 189.3 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0



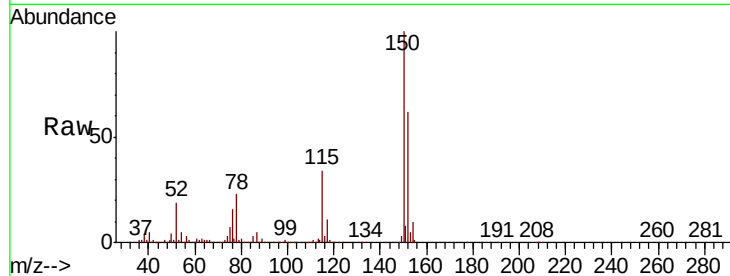


#72

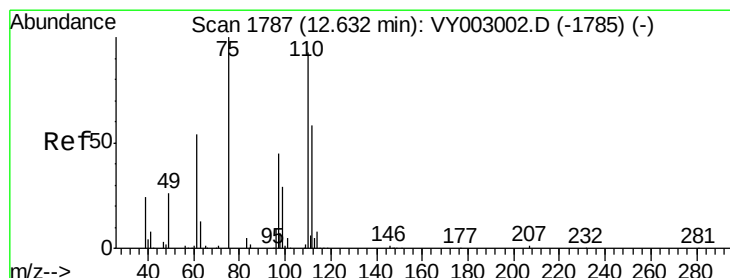
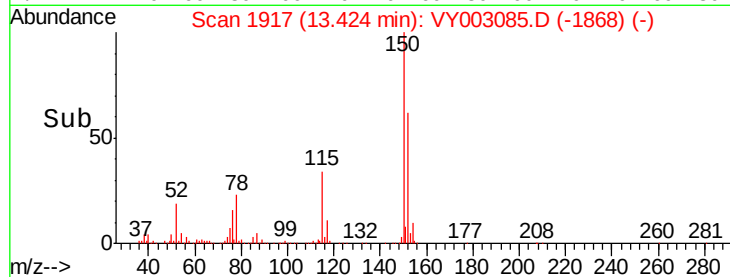
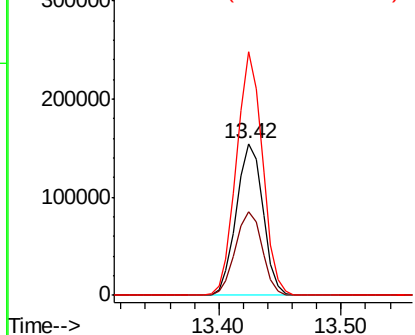
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
TP1-SS

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.3	81.9
150	156.7	0.0	343.4



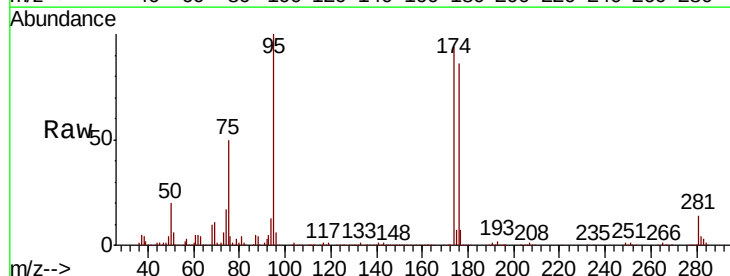
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



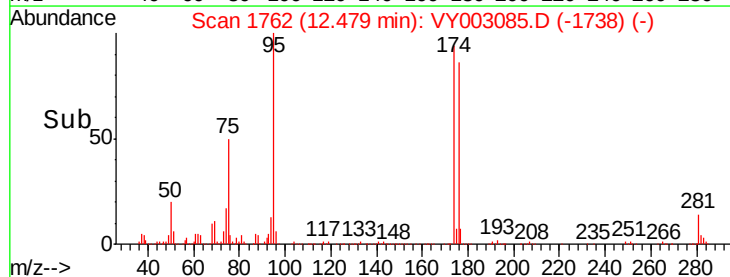
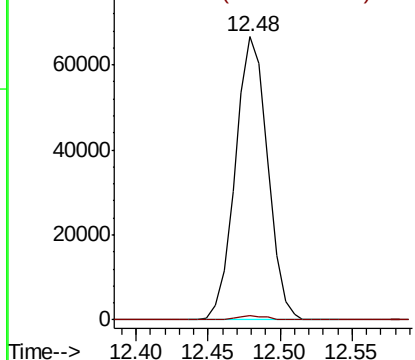
#76

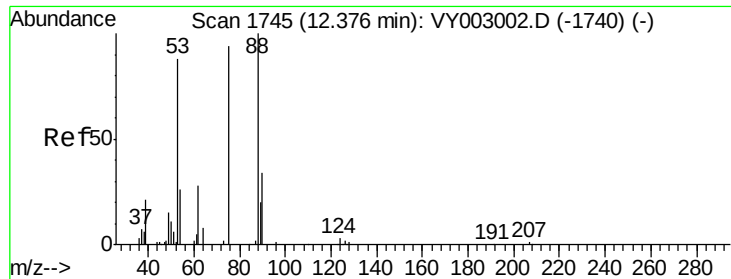
1,2,3-Trichloropropane
Concen: 45.251 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 88.040 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TP1-SS

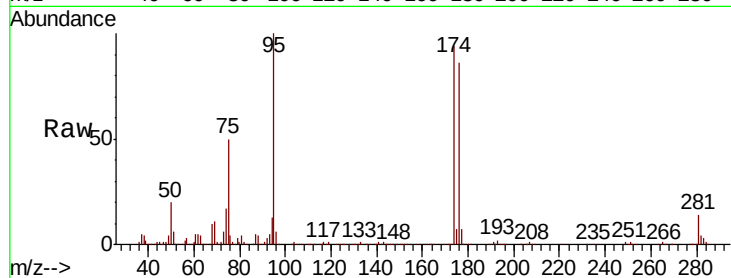
Tot Ion: 75 Resp: 104160

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.3 37.5 56.3#



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

