

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003295.D
 Acq On : 22 Jul 2020 17:57
 Operator : SY/MD
 Sample : L3308-11
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Jul 23 05:44:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	381500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	555630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	275849	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	191414	59.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.90%	
35) Dibromofluoromethane	7.72	113	185077	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.18	98	728480	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
62) 4-Bromofluorobenzene	12.48	95	235109	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

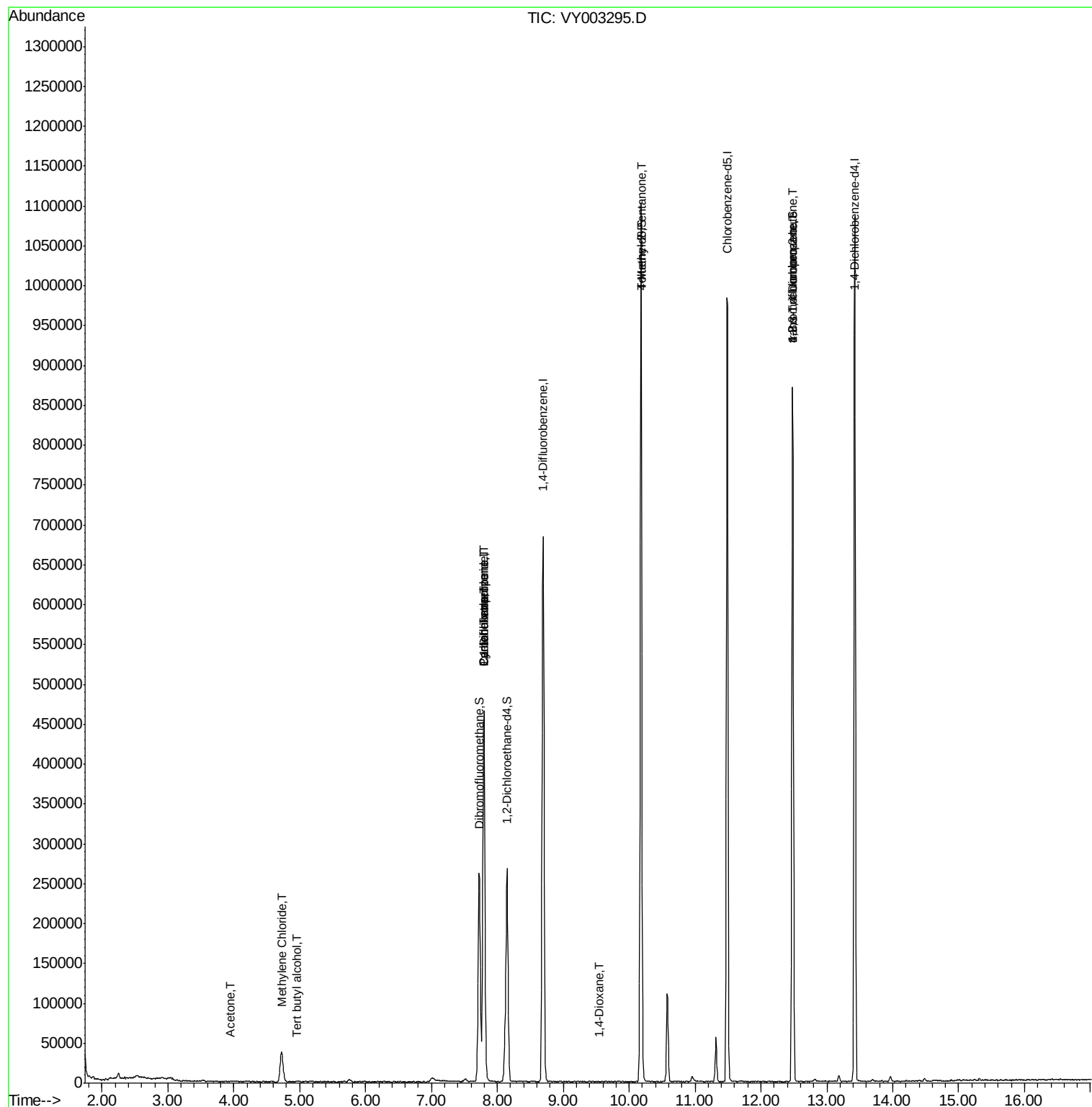
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	452	1.298	ug/l #	72
16) Acetone	3.96	43	747	1.039	ug/l #	45
20) Methylene Chloride	4.72	84	29763	3.066	ug/l	96
31) Cyclohexane	7.79	56	7220	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	26236	4.897	ug/l #	49
38) Carbon Tetrachloride	7.80	117	34407	6.221	ug/l #	17
49) 1,4-Dioxane	9.55	88	29	1.025	ug/l #	28
51) 4-Methyl-2-Pentanone	10.18	43	2999	1.033	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	122886	50.327	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	122886	97.946	ug/l #	13

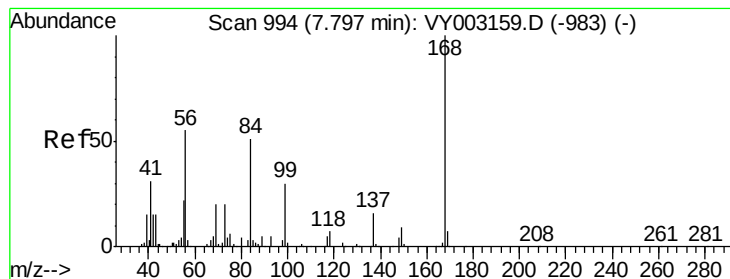
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

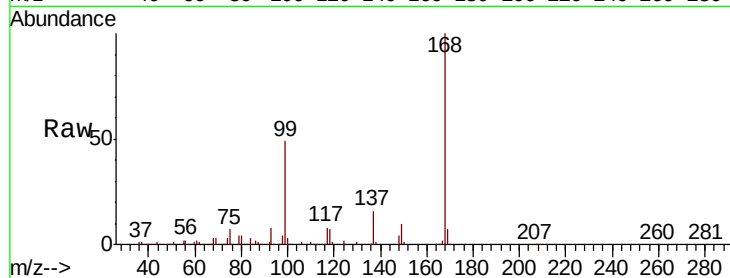
11

Tot Ion:168 Resp: 381500

Ion Ratio Lower Upper

168 100

99 48.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

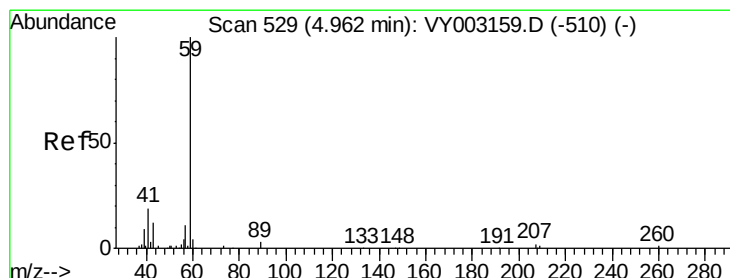
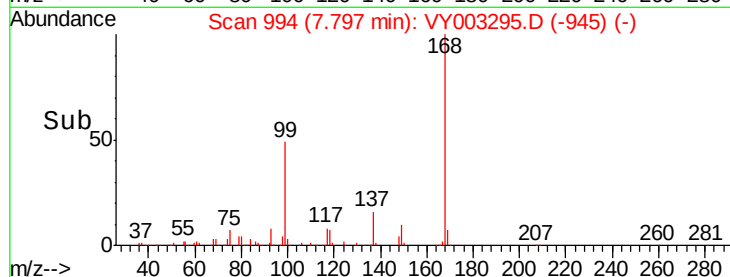
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.298 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003295.D

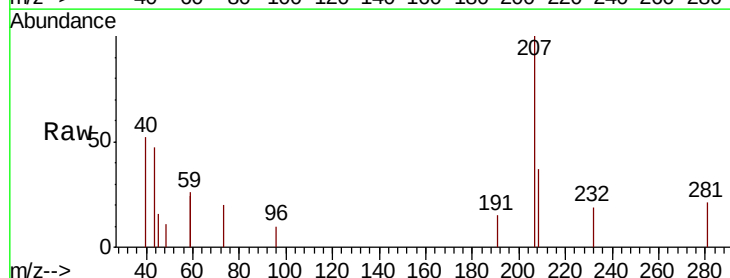
Acq: 22 Jul 2020 17:57

Tgt Ion: 59 Resp: 452

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003159.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003159.D (-510) (-)

4.96

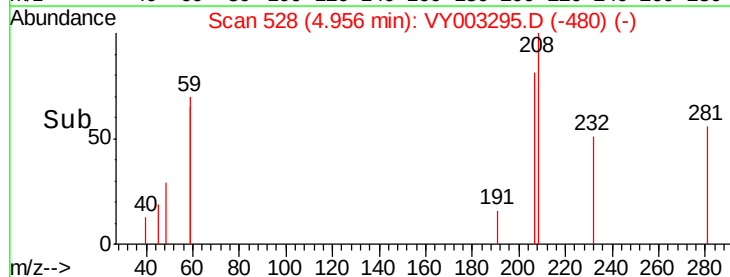
300

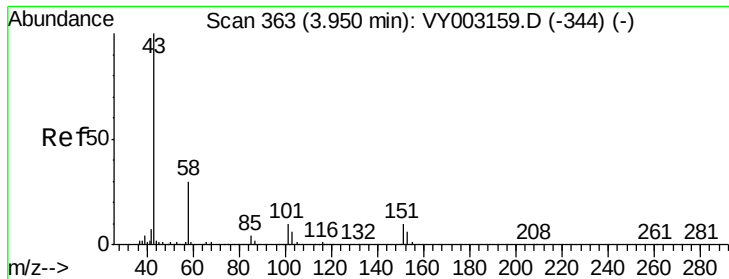
200

100

0

Time-->





#16

Acetone

Concen: 1.039 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

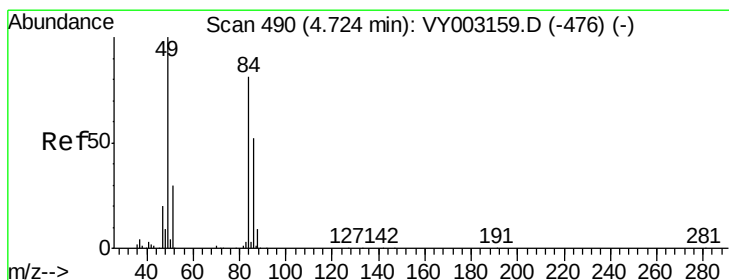
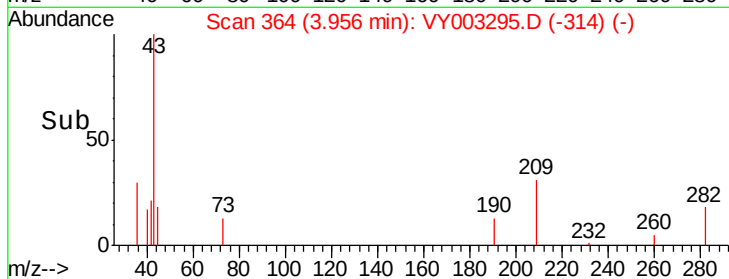
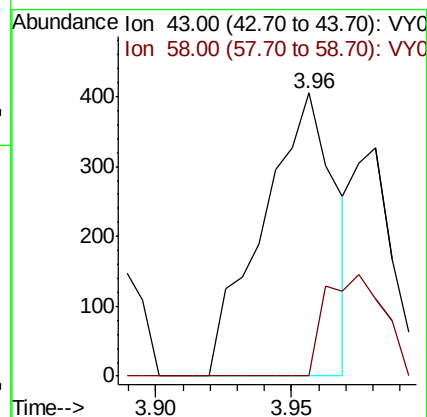
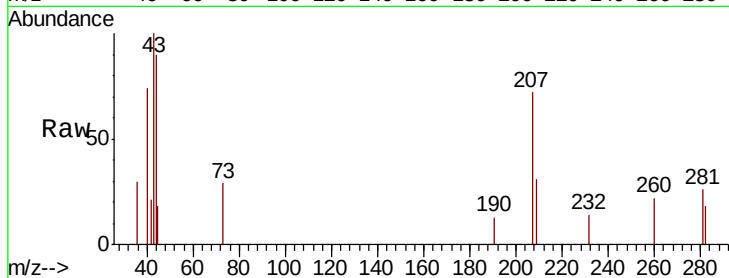
11

Tot Ion: 43 Resp: 747

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#20

Methylene Chloride

Concen: 3.066 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

Tgt Ion: 84 Resp: 29763

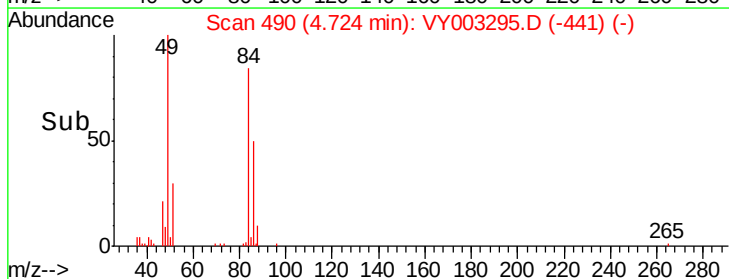
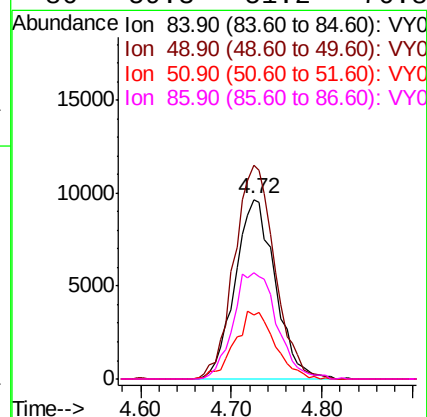
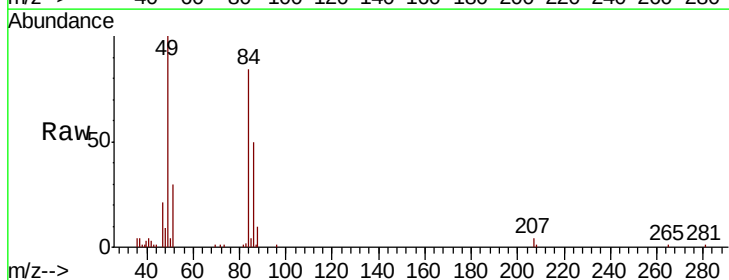
Ion Ratio Lower Upper

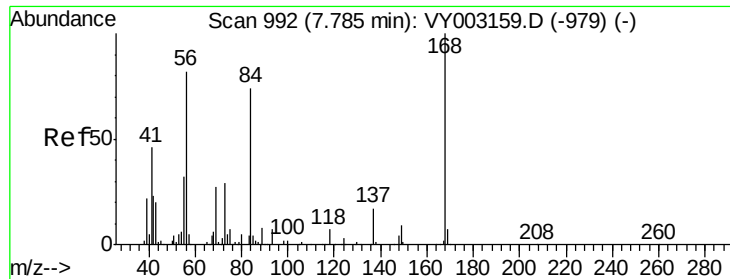
84 100

49 118.9 98.2 147.4

51 35.3 29.8 44.6

86 59.3 51.2 76.8

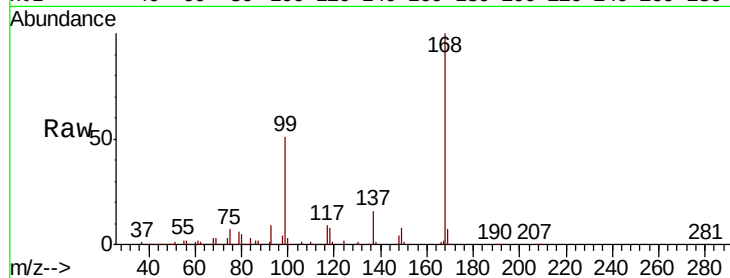




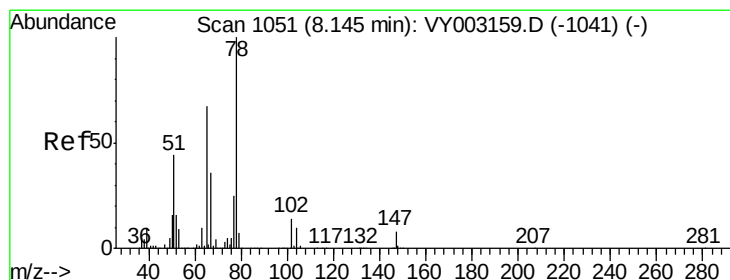
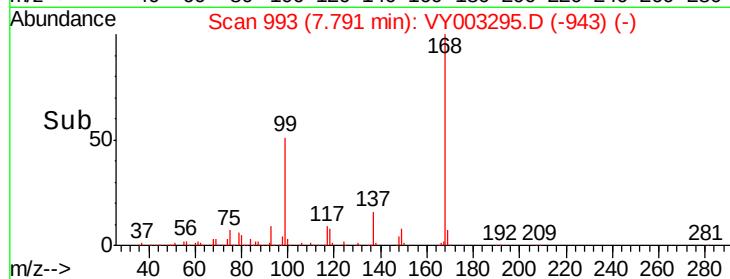
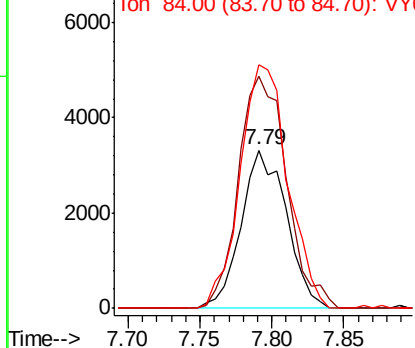
#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :
11

Tot Ion: 56 Resp: 7220
Ion Ratio Lower Upper
56 100
69 147.2 26.7 40.1#
84 165.0 72.3 108.5#

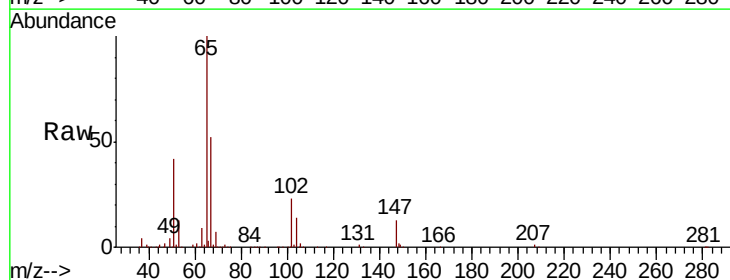


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

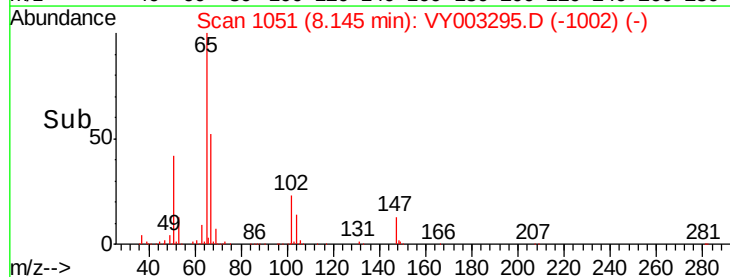
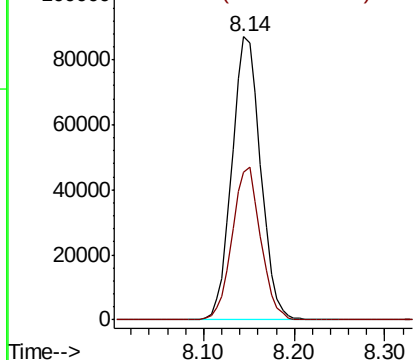


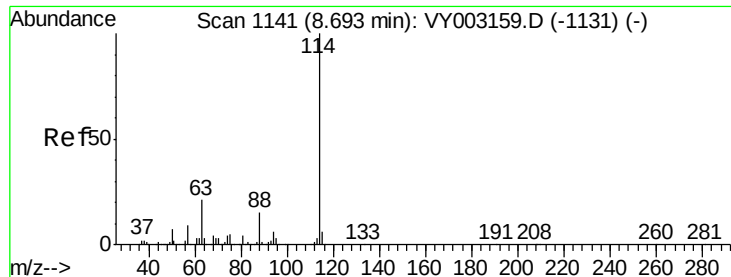
#33
1,2-Dichloroethane-d4
Concen: 59.446 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

Tgt Ion: 65 Resp: 191414
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

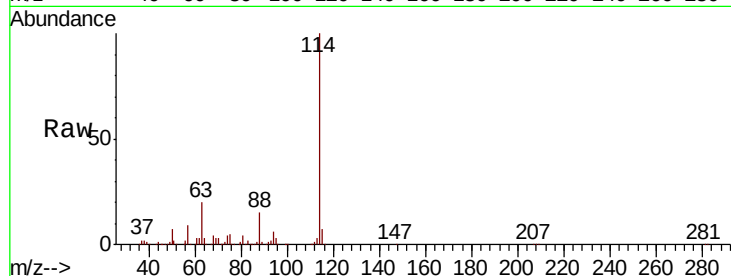




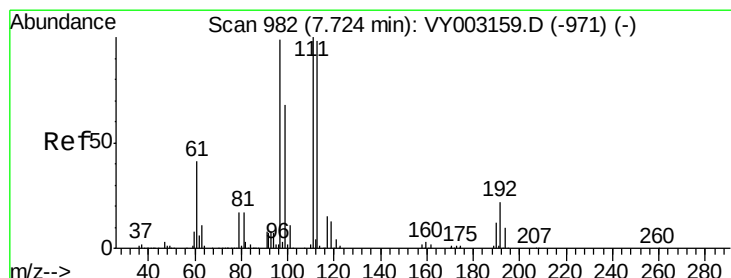
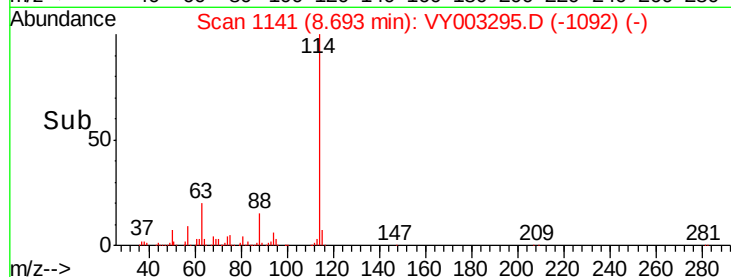
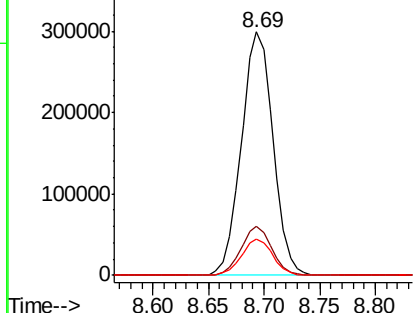
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :
11

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	14.7	0.0	30.2

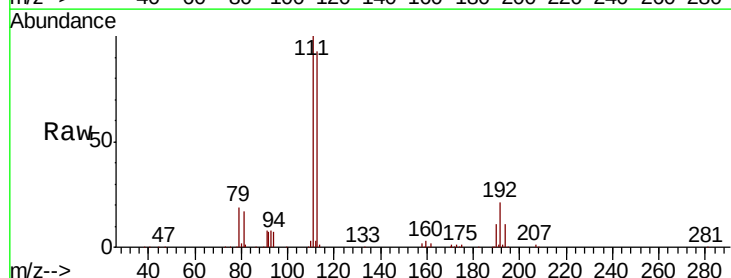


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

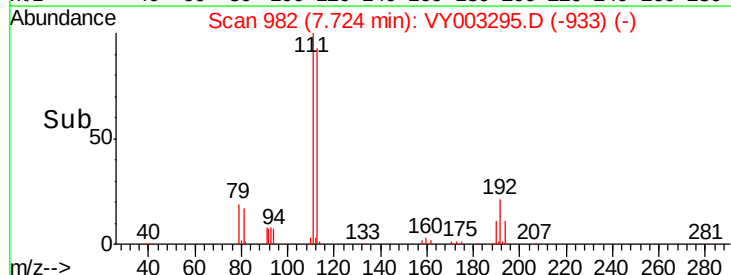
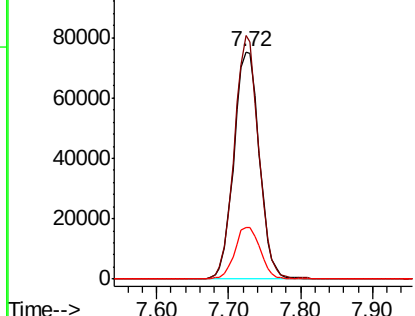


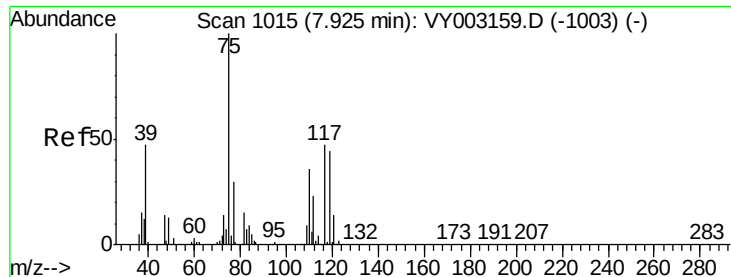
#35
Dibromofluoromethane
Concen: 54.404 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	22.7	18.8	28.2



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

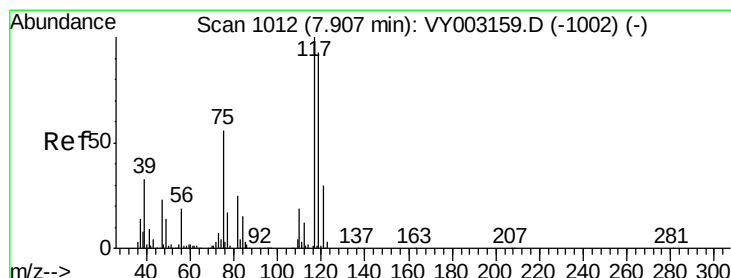
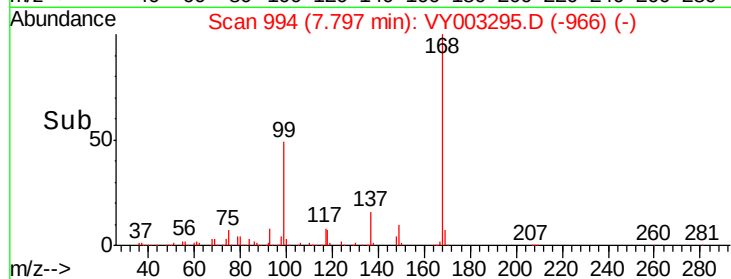
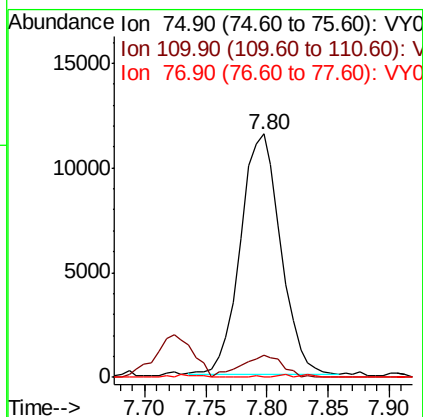
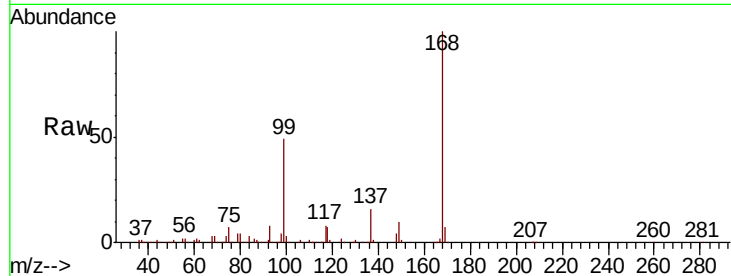




#36
 1,1-Dichloropropene
 Concen: 4.897 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003295.D
 Acq: 22 Jul 2020 17:57

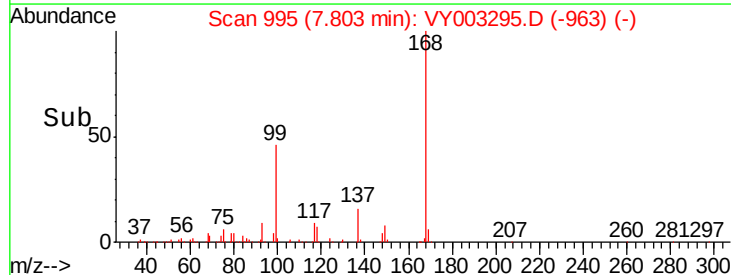
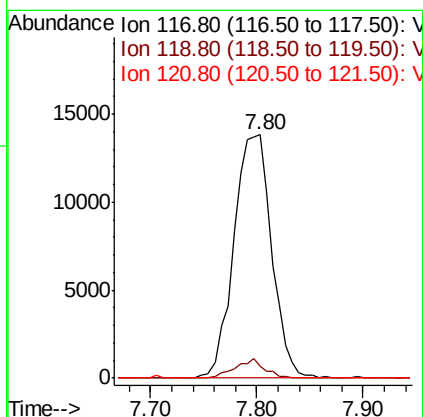
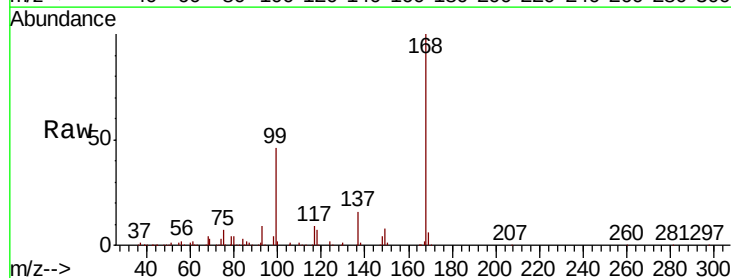
Instrument :
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 ClientSampleId :
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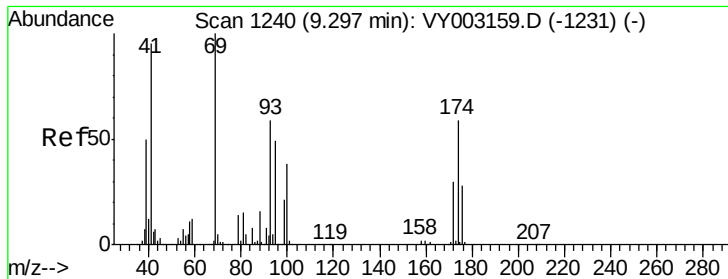
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.221 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY003295.D
 Acq: 22 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.5	111.7#
121	0.0	24.2	36.2#





#49

1,4-Dioxane

Concen: 1.025 ug/l

RT: 9.55 min Scan# 1282

Delta R.T. 0.26 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :
11

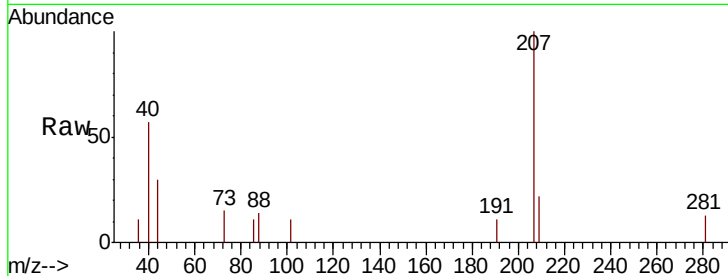
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

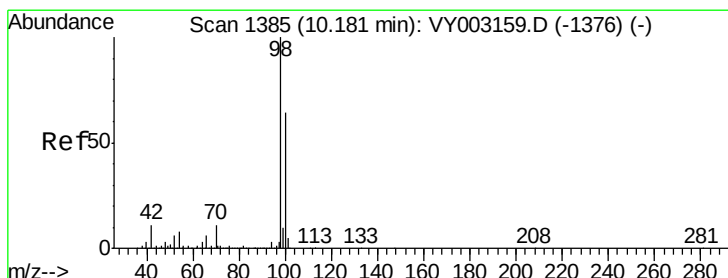
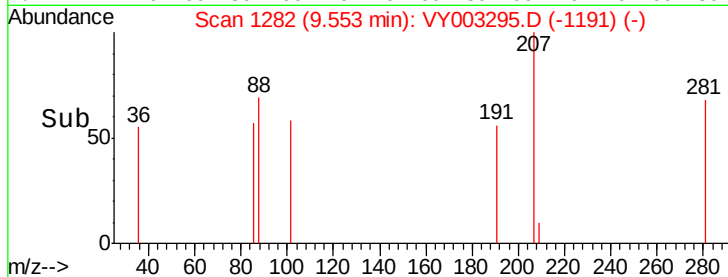
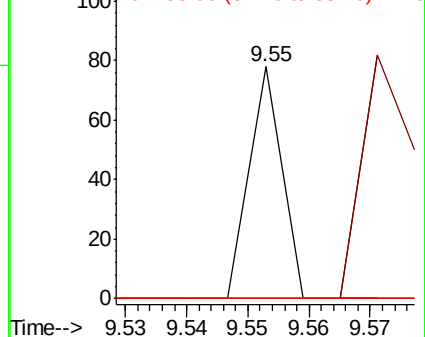
88 100

43 0.0 25.6 38.4#

58 0.0 47.8 71.6#



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: 57.598 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003295.D

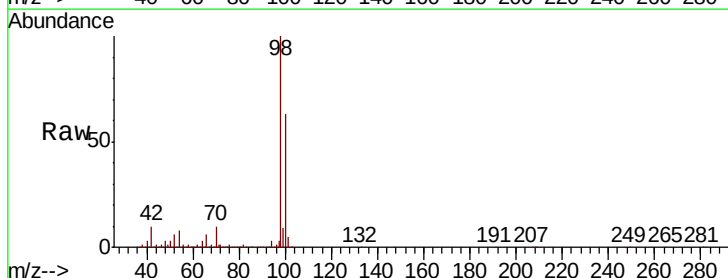
Acq: 22 Jul 2020 17:57

Tgt Ion: 98 Resp: 728480

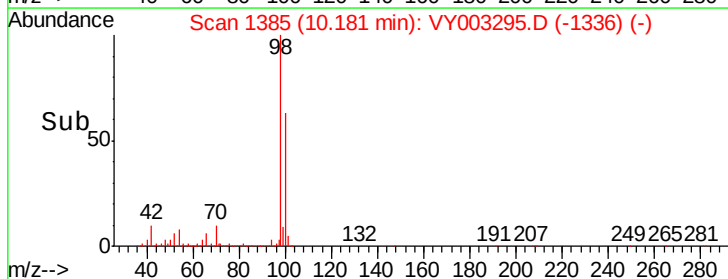
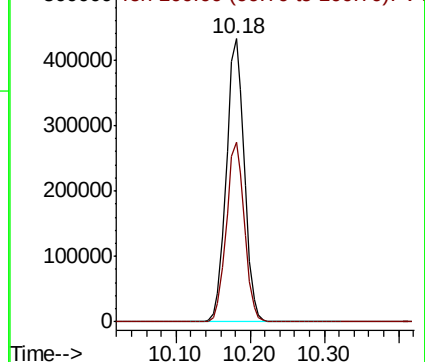
Ion Ratio Lower Upper

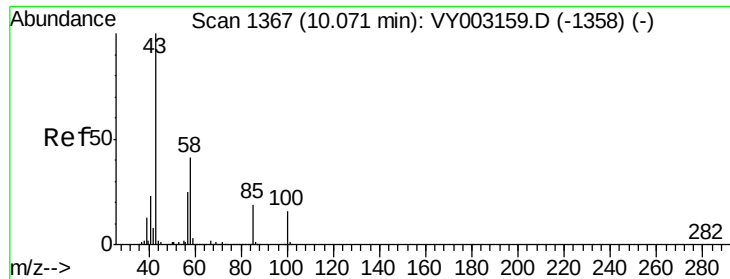
98 100

100 63.5 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 1.033 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

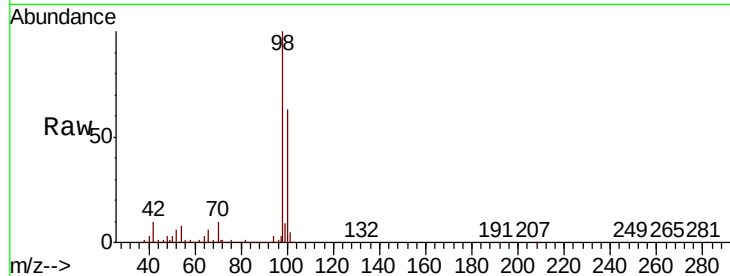
11

Tot Ion: 43 Resp: 2999

Ion Ratio Lower Upper

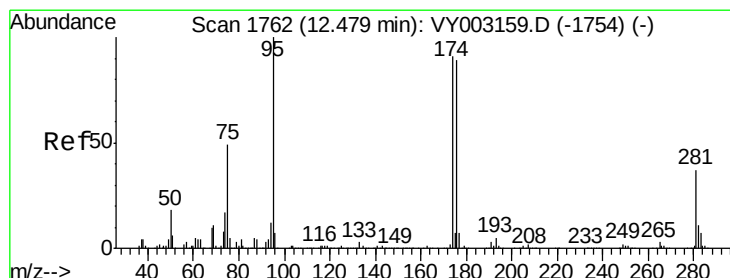
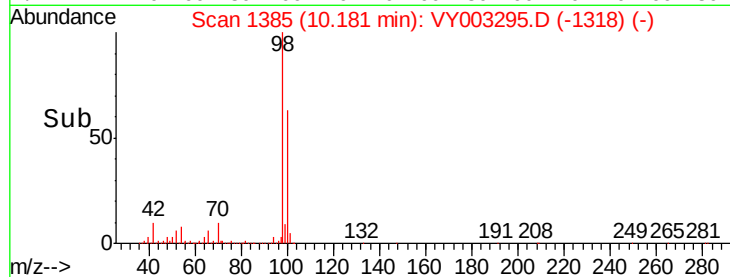
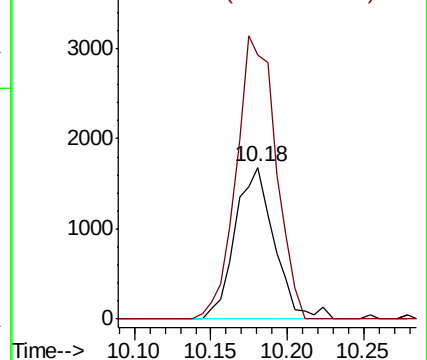
43 100

58 188.4 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 51.456 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

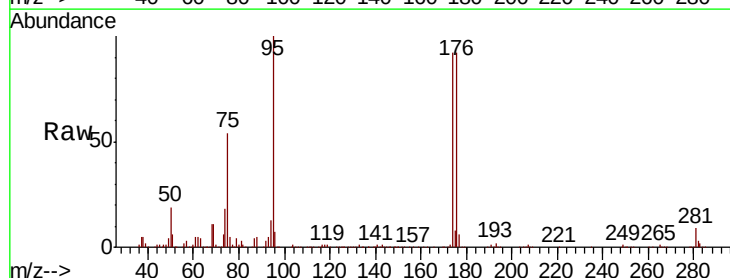
Tgt Ion: 95 Resp: 235109

Ion Ratio Lower Upper

95 100

174 95.7 0.0 190.6

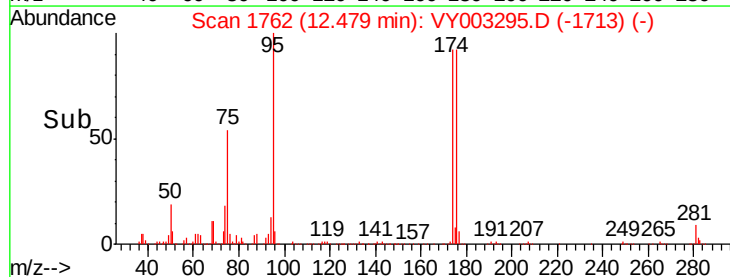
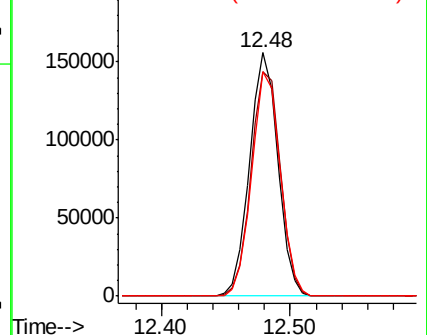
176 92.8 0.0 186.4

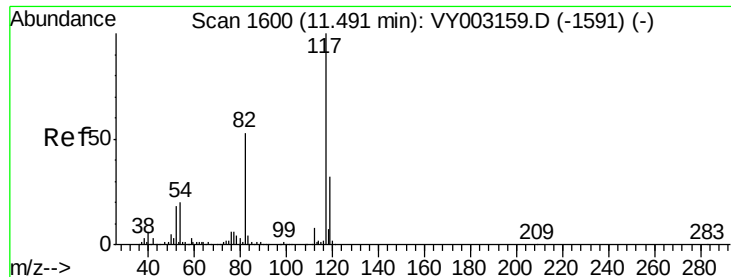


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

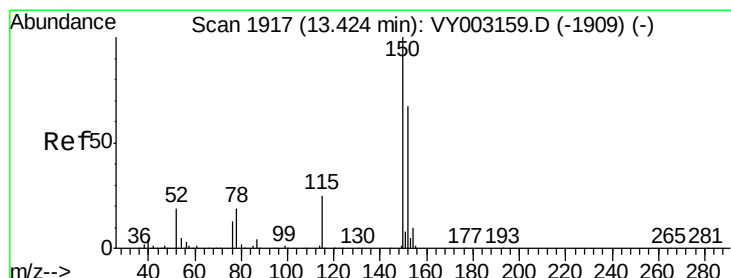
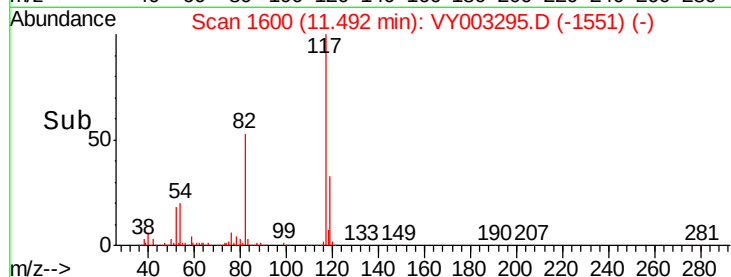
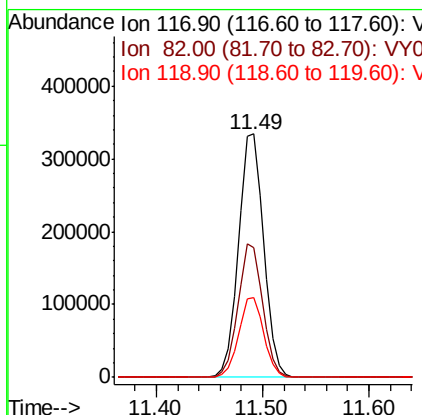
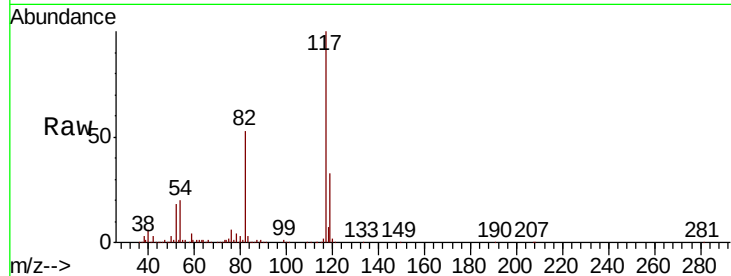




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

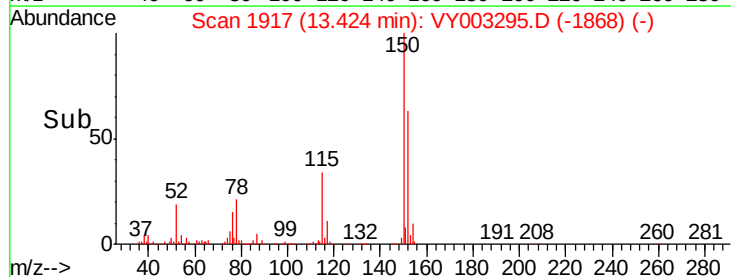
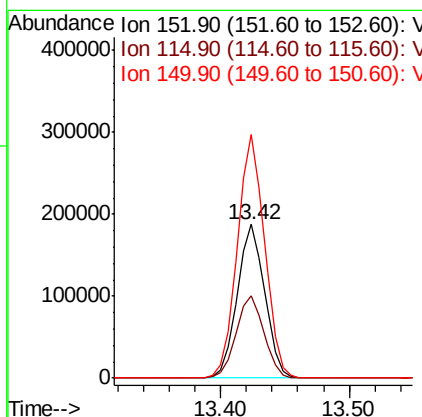
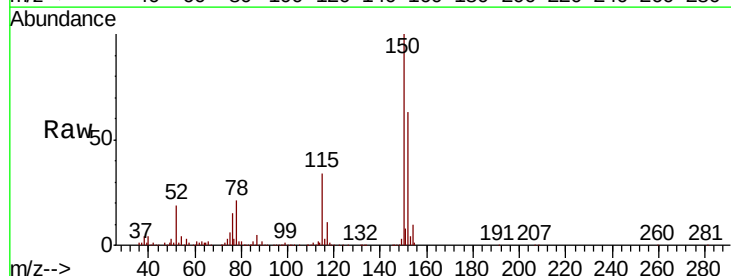
Instrument :
MSVOA_Y
ClientSampleId :
11

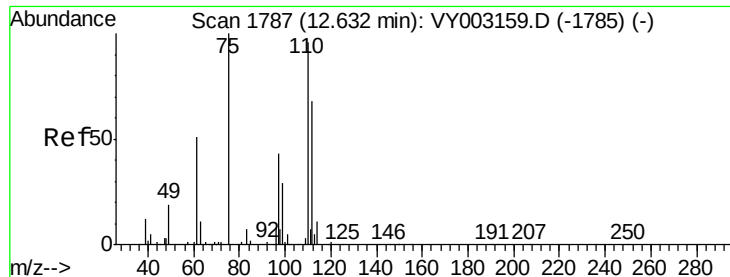
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.0	63.0
119	33.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003295.D
Acq: 22 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.9	80.7
150	158.2	0.0	338.0





#76

1,2,3-Trichloropropane

Concen: 50.327 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

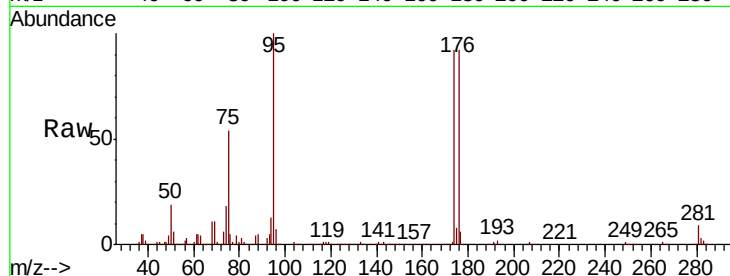
11

Tot Ion: 75 Resp: 122886

Ion Ratio Lower Upper

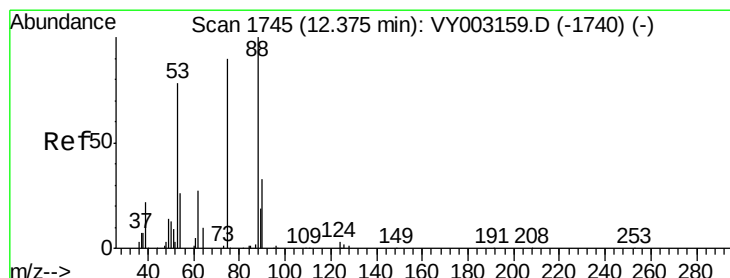
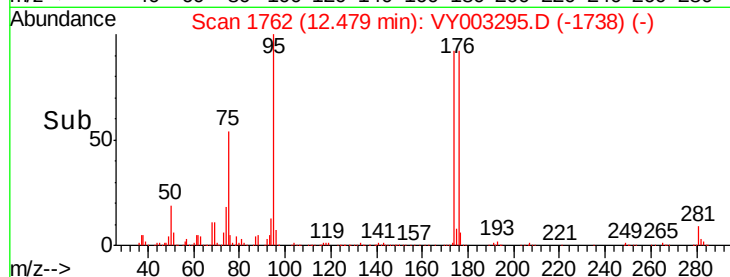
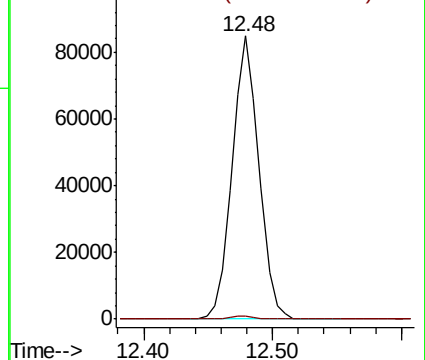
75 100

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: 97.946 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003295.D

Acq: 22 Jul 2020 17:57

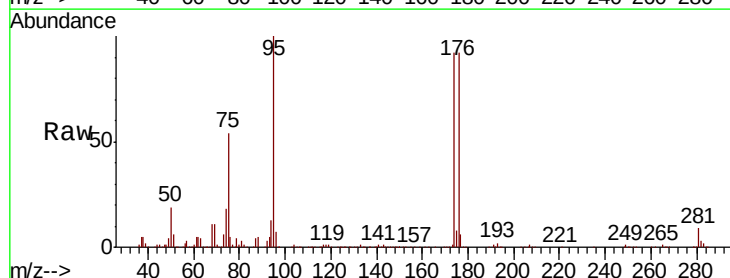
Tgt Ion: 75 Resp: 122886

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.1 37.3 55.9#



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

