

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003174.D
 Acq On : 10 Jul 2020 19:30
 Operator : SY/MD
 Sample : L3181-01
 Misc : 8.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-070920

Quant Time: Jul 11 06:03:53 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	333645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	485969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	430900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200609	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	156028	55.41	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.72	113	152004	54.35	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	580191	55.80	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	186693	49.70	ug/l	0.00
Spiked Amount						

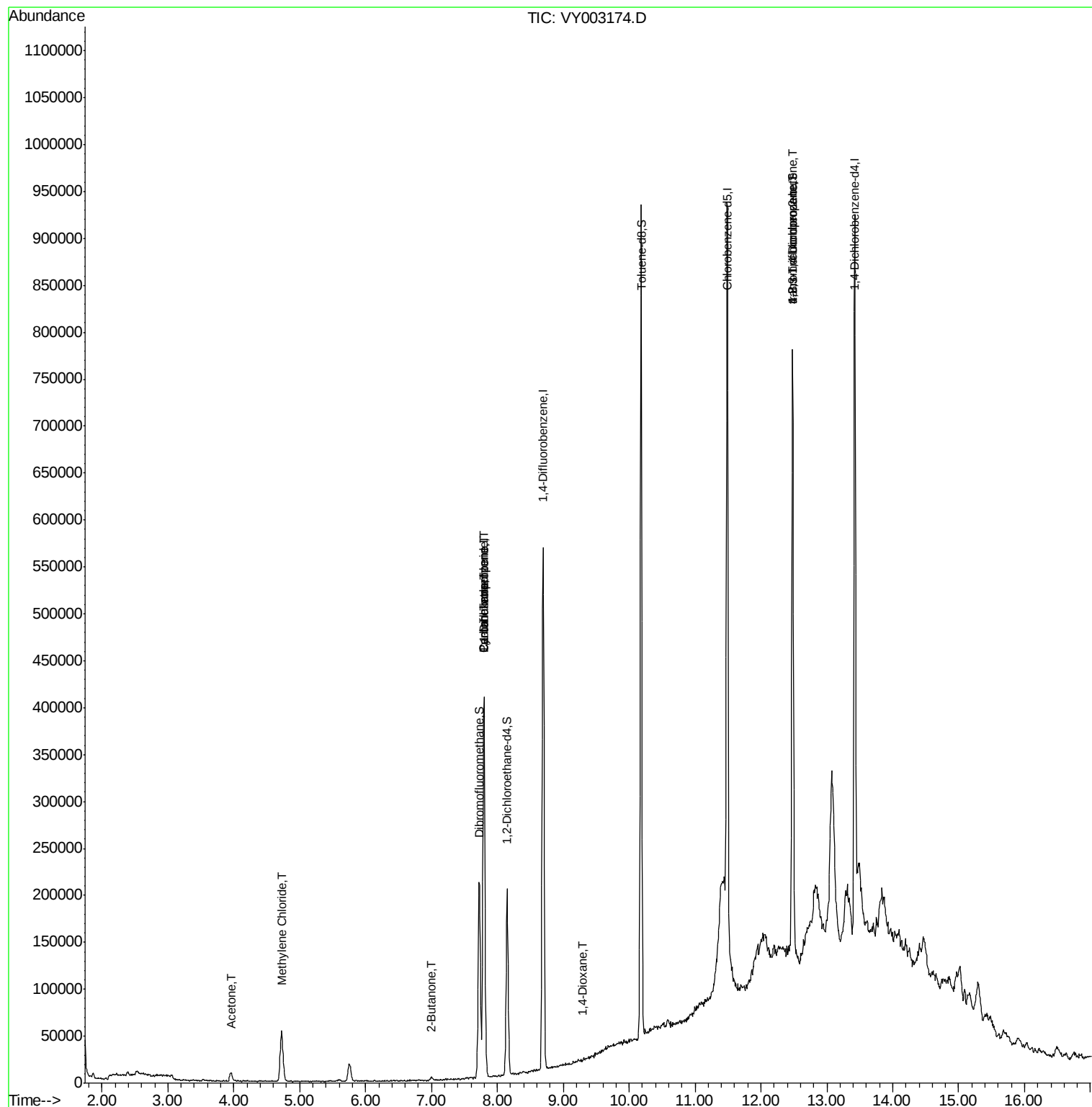
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	16508	26.244	ug/l	90
20) Methylene Chloride	4.72	84	40789	8.305	ug/l	94
25) 2-Butanone	6.99	43	4976	4.818	ug/l #	86
31) Cyclohexane	7.79	56	6115	1.194	ug/l #	5
36) 1,1-Dichloropropene	7.79	75	22856	5.189	ug/l #	50
38) Carbon Tetrachloride	7.80	117	30058	6.611	ug/l #	18
49) 1,4-Dioxane	9.29	88	350	15.046	ug/l #	75
76) 1,2,3-Trichloropropane	12.48	75	96582	54.390	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96582	105.853	ug/l #	13

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

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Quant Time: Jul 11 06:03:53 2020
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: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

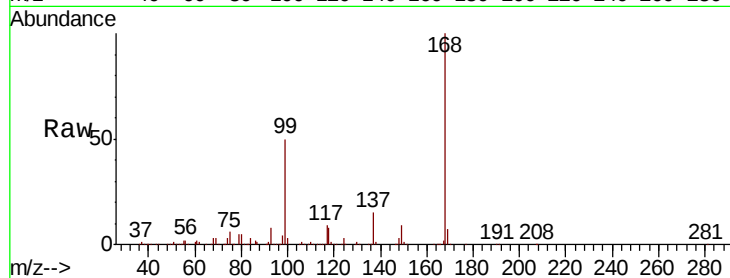
CL-02-070920

Tot Ion:168 Resp: 333645

Ion Ratio Lower Upper

168 100

99 49.6 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

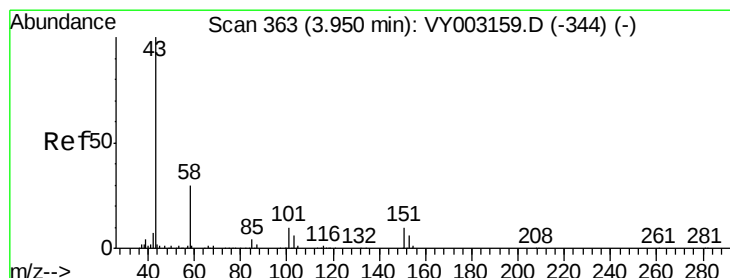
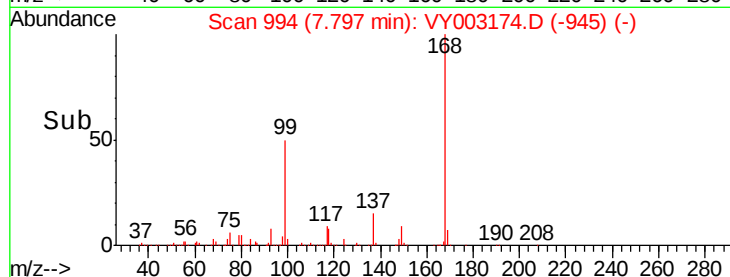
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 26.244 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003174.D

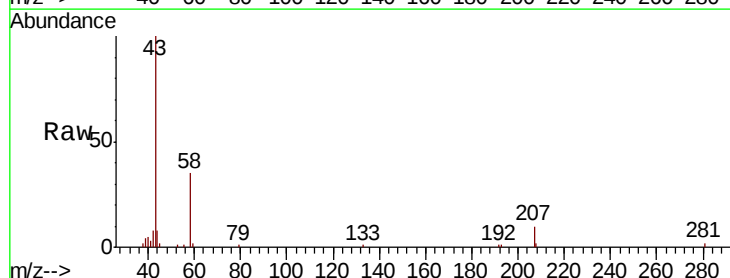
Acq: 10 Jul 2020 19:30

Tgt Ion: 43 Resp: 16508

Ion Ratio Lower Upper

43 100

58 34.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

6000

5000

4000

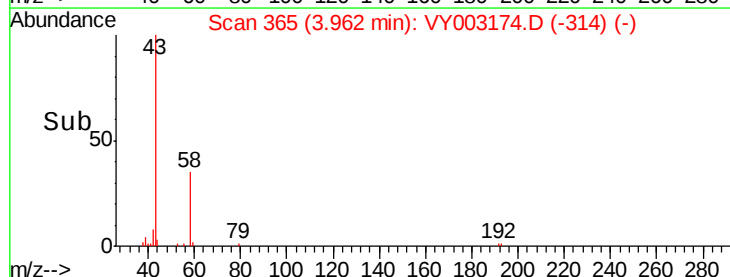
3000

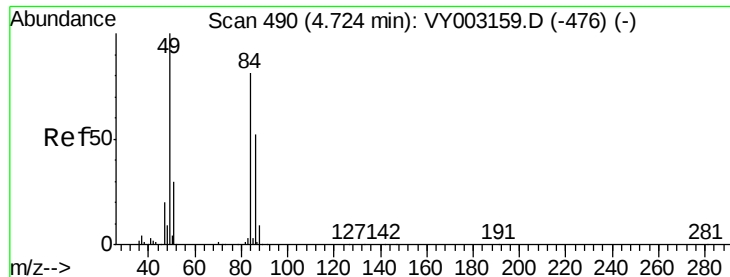
2000

1000

0

Time-->

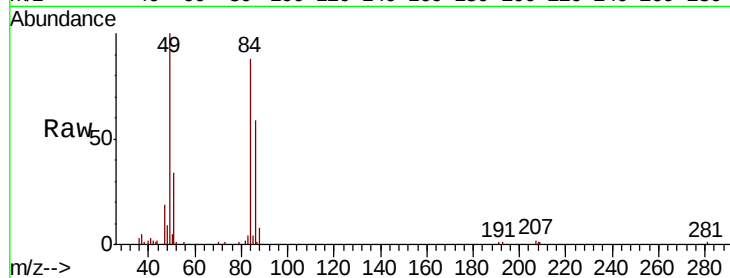




#20
Methvlene Chloride
Concen: 8.305 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-070920

Tot Ion:	84	Resp:	40789
Ion	Ratio	Lower	Upper
84	100		
49	113.6	98.2	147.4
51	38.7	29.8	44.6
86	67.0	51.2	76.8



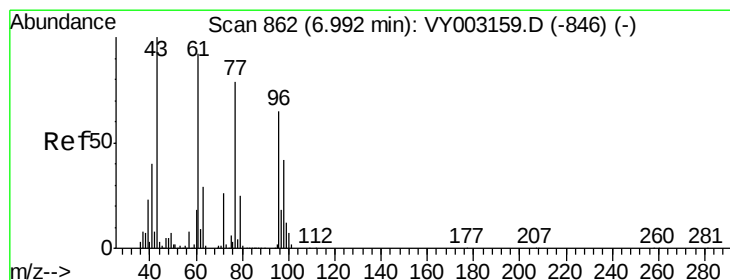
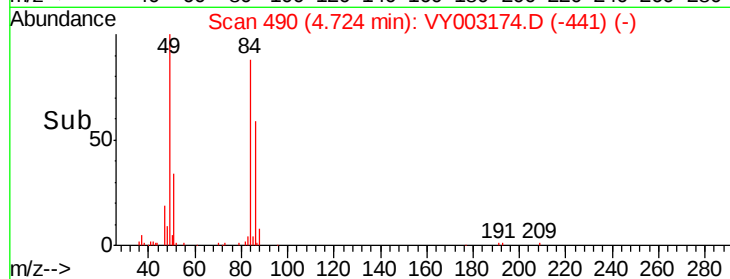
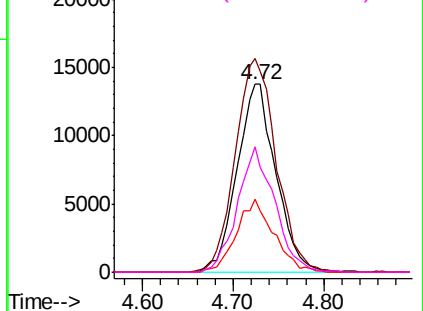
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

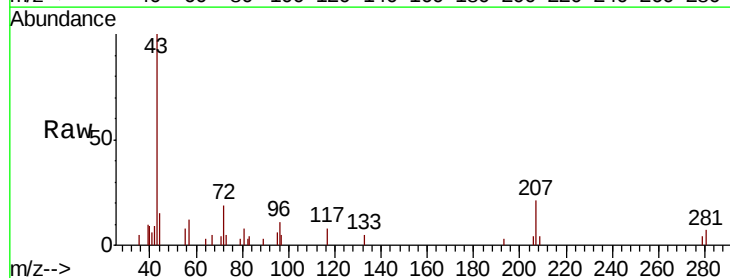
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25
2-Butanone
Concen: 4.818 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

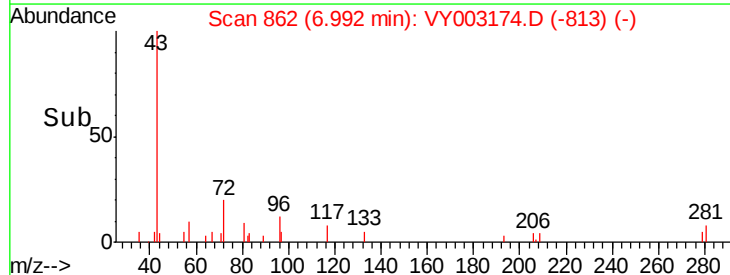
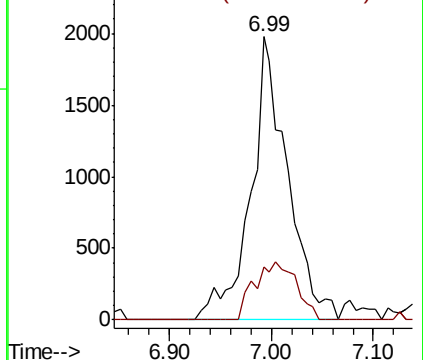
Tgt Ion:	43	Resp:	4976
Ion	Ratio	Lower	Upper
43	100		
72	18.9	20.9	31.3#

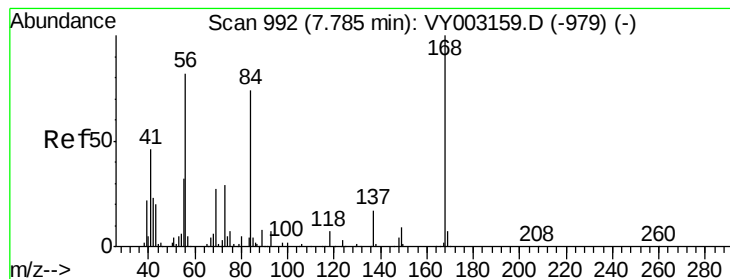


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.194 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-070920

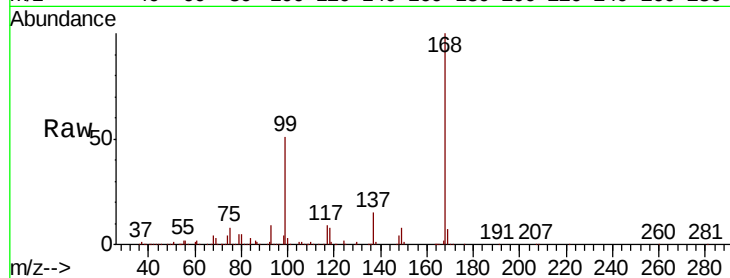
Tot Ion: 56 Resp: 6115

Ion Ratio Lower Upper

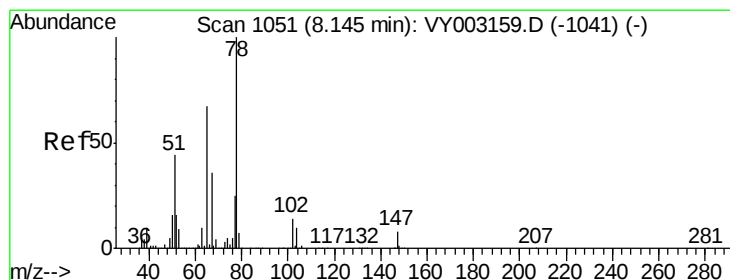
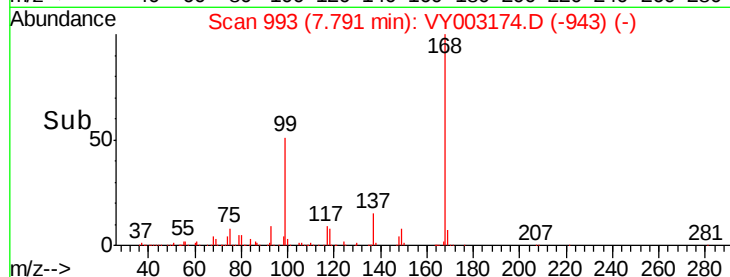
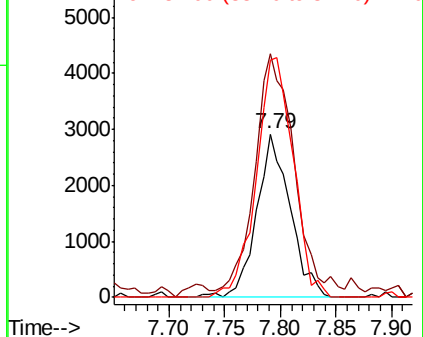
56 100

69 143.4 26.7 40.1#

84 145.4 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: 55.406 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003174.D

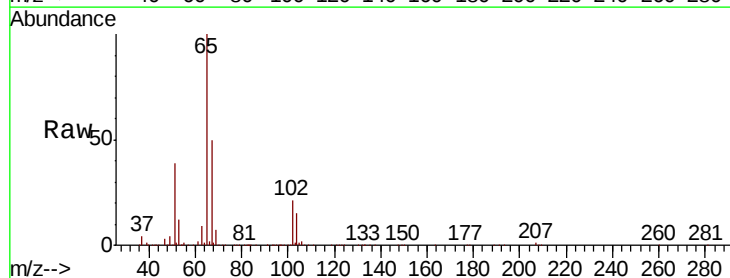
Acq: 10 Jul 2020 19:30

Tgt Ion: 65 Resp: 156028

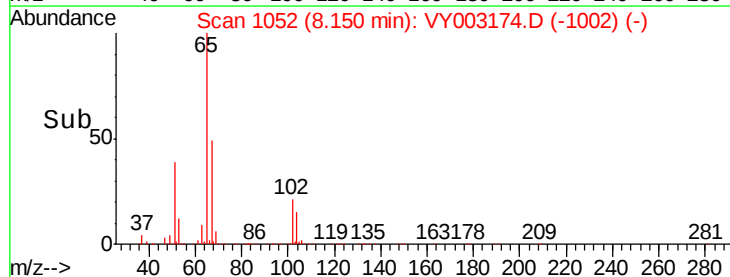
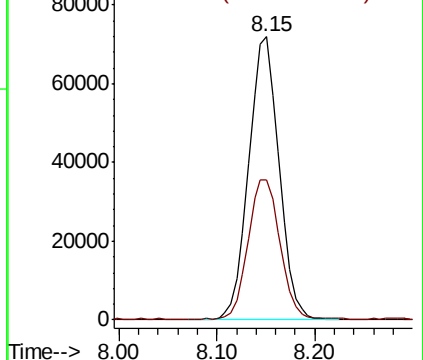
Ion Ratio Lower Upper

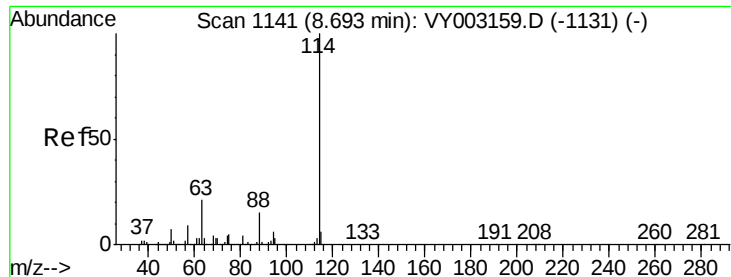
65 100

67 51.5 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: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-070920

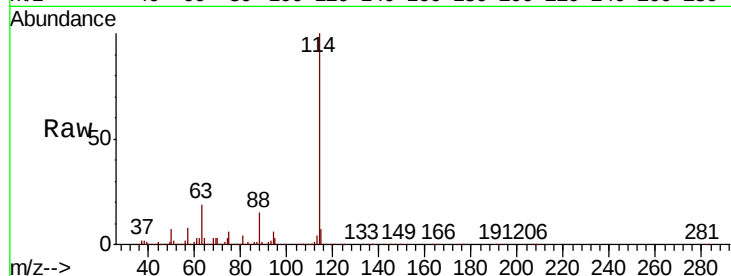
Tot Ion:114 Resp: 485969

Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.2

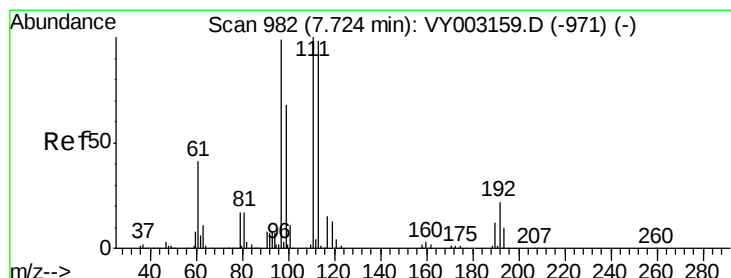
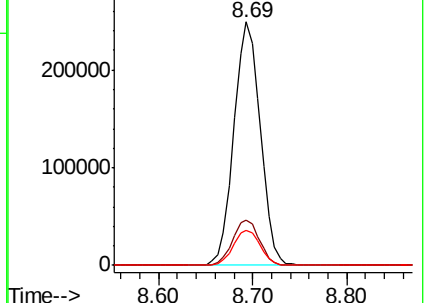
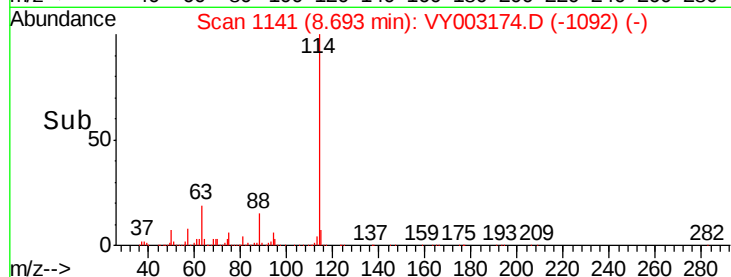
88 14.6 0.0 30.2



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: 54.352 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

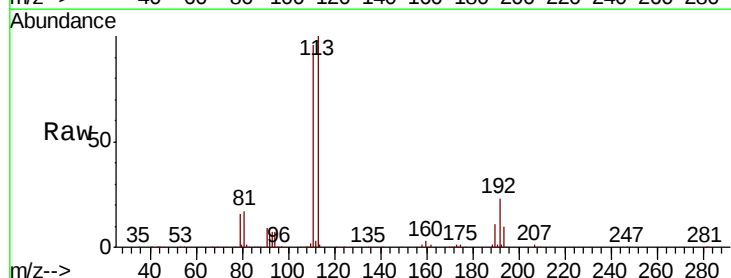
Tgt Ion:113 Resp: 152004

Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

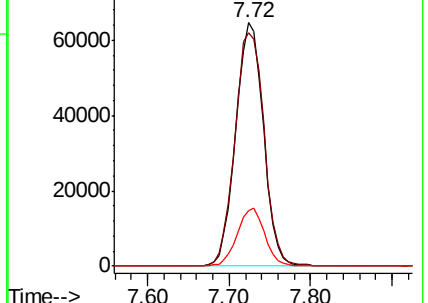
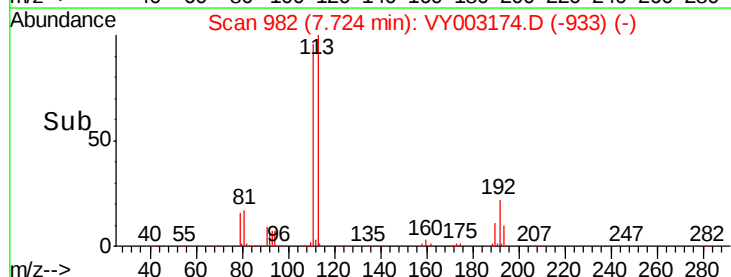
192 23.4 18.8 28.2

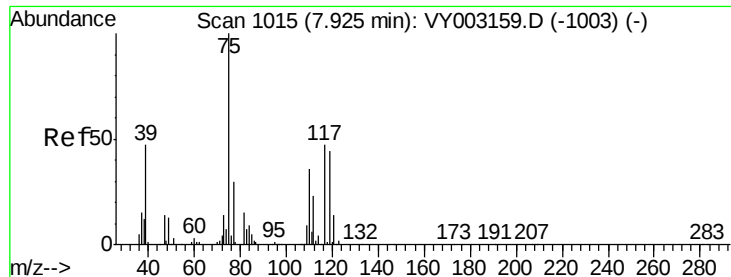


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

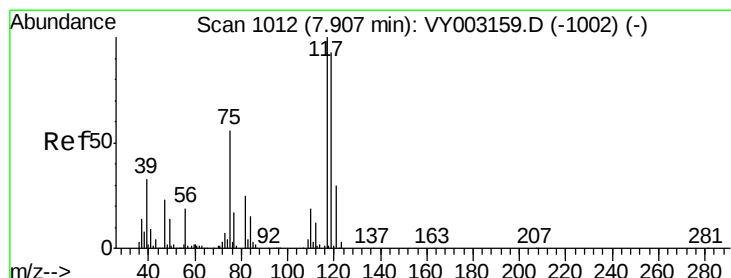
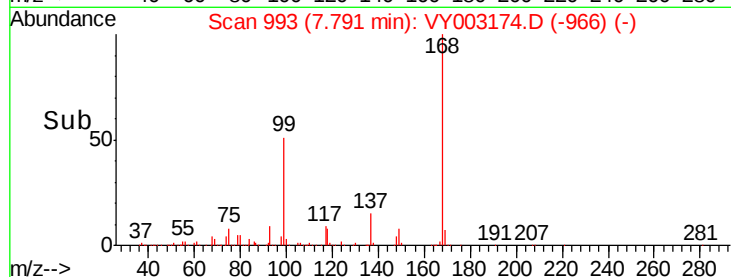
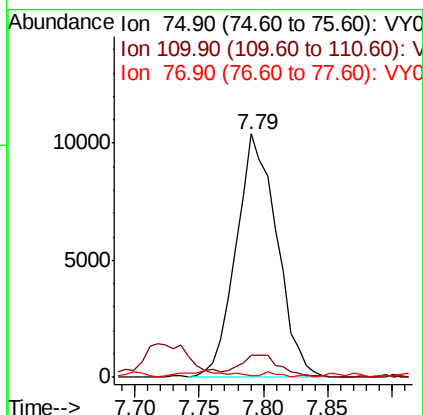
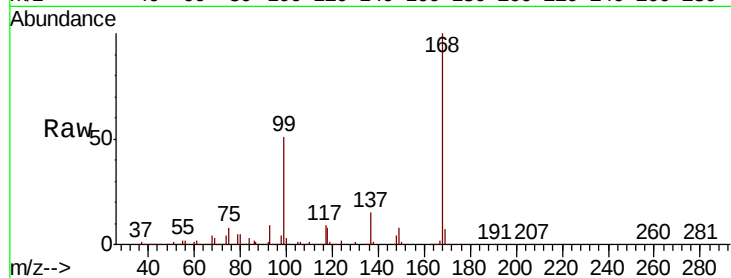




#36
 1,1-Dichloropropene
 Concen: 5.189 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003174.D
 Acq: 10 Jul 2020 19:30

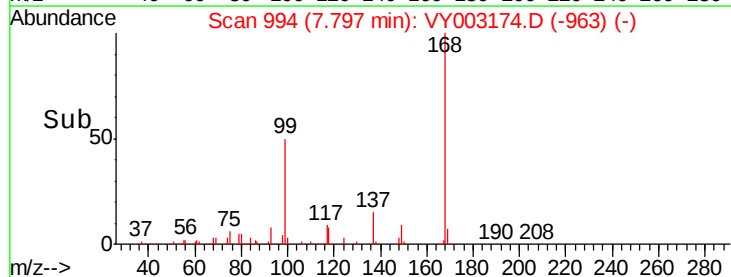
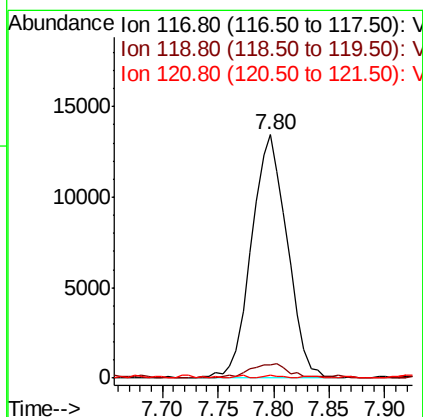
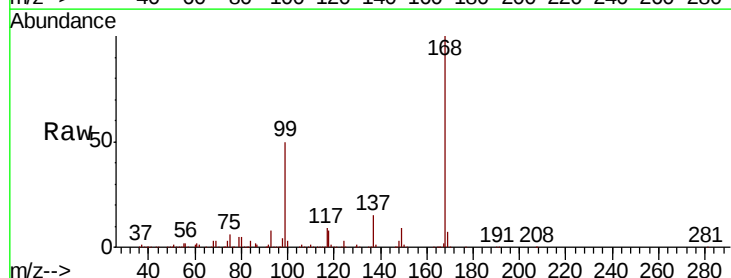
Instrument :
 MSVOA_Y
 ClientSampled :
 CL-02-070920

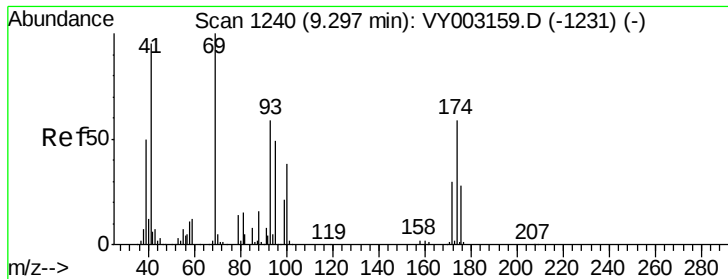
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.7	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.611 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003174.D
 Acq: 10 Jul 2020 19:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.5	111.7#
121	1.0	24.2	36.2#





#49

1,4-Dioxane

Concen: 15.046 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-070920

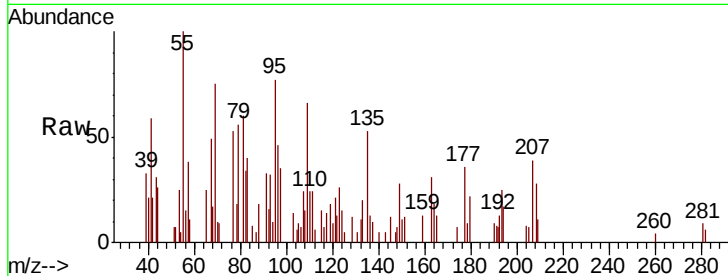
Tot Ion: 88 Resp: 350

Ion Ratio Lower Upper

88 100

43 22.9 25.6 38.4#

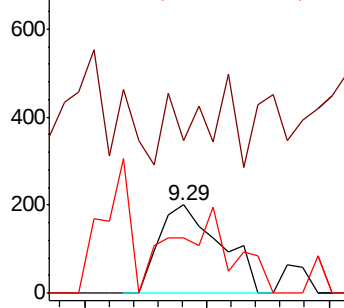
58 82.0 47.8 71.6#



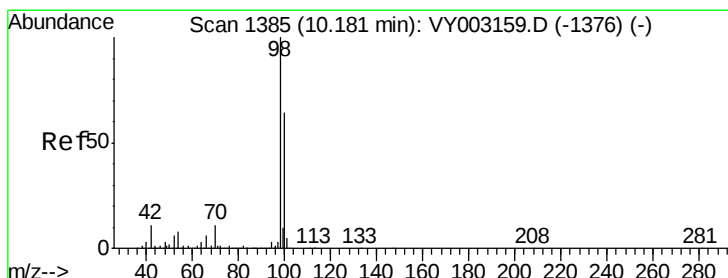
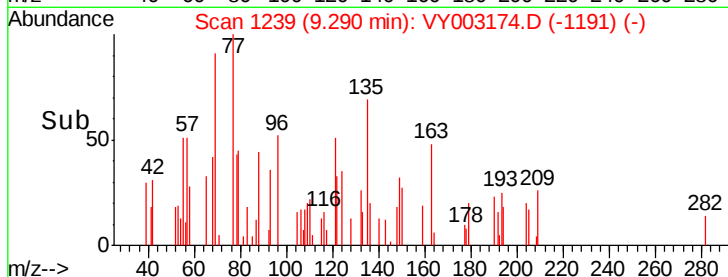
Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#50

Toluene-d8

Concen: 55.801 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003174.D

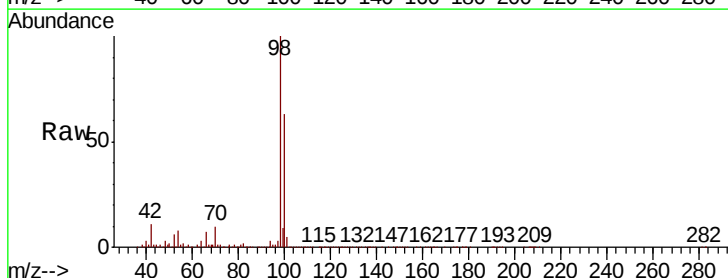
Acq: 10 Jul 2020 19:30

Tgt Ion: 98 Resp: 580191

Ion Ratio Lower Upper

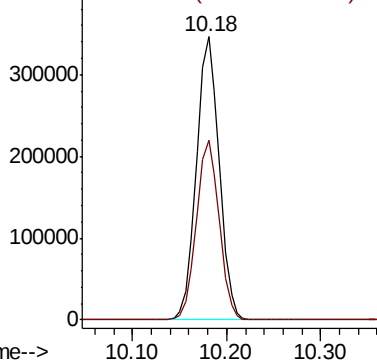
98 100

100 63.4 50.7 76.1

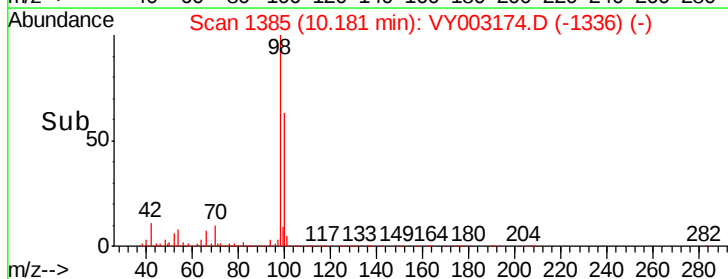


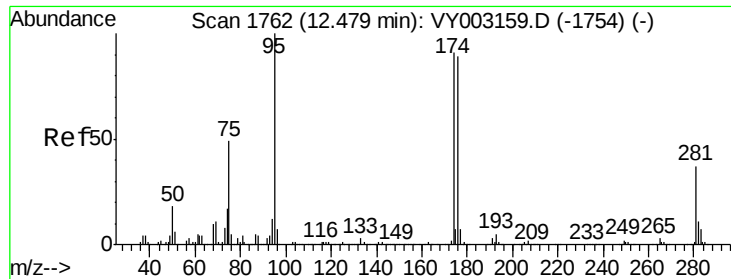
Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->

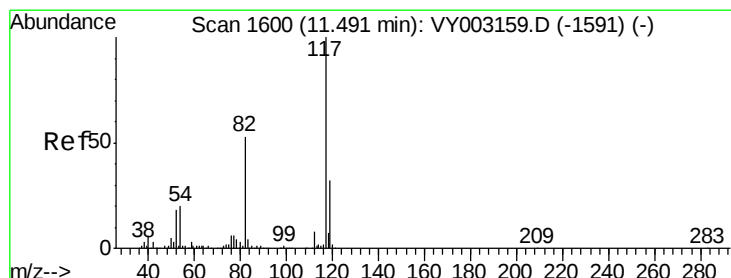
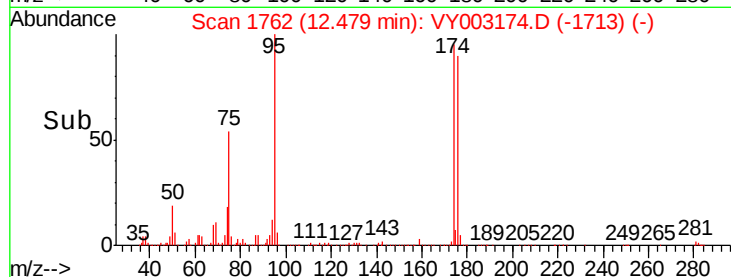
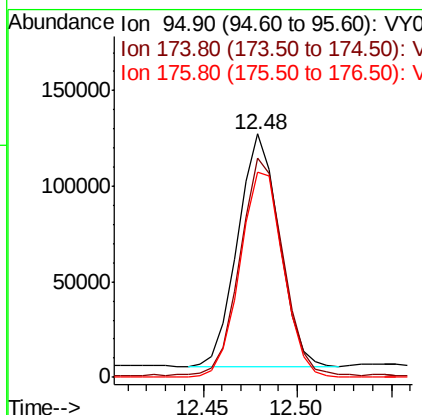
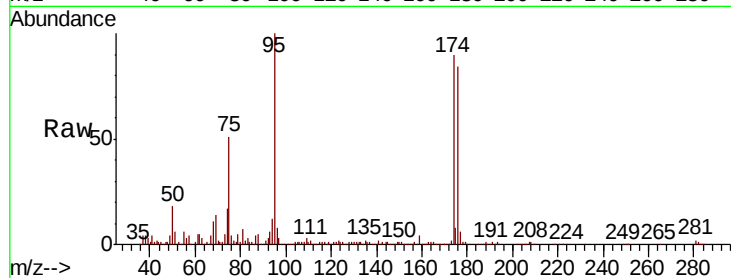




#62
4-Bromofluorobenzene
Concen: 49.703 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

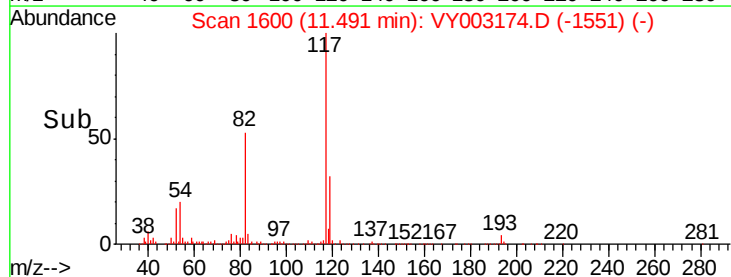
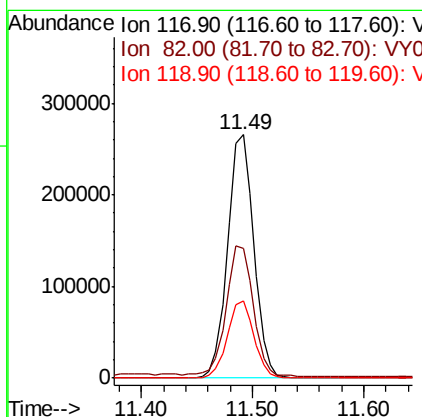
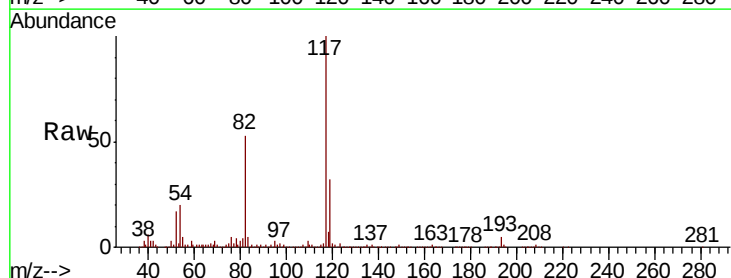
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-070920

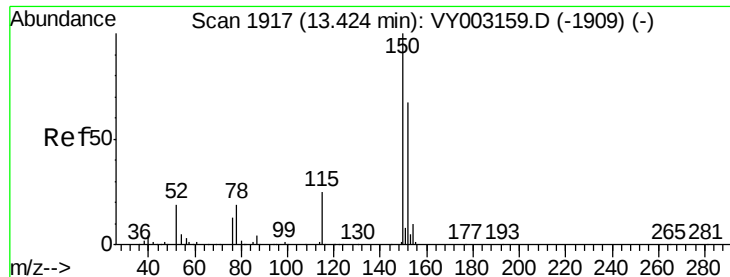
Tot Ion: 95 Resp: 186693
Ion Ratio Lower Upper
95 100
174 96.8 0.0 190.6
176 92.1 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Tgt Ion: 117 Resp: 430900
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 31.5 25.5 38.3



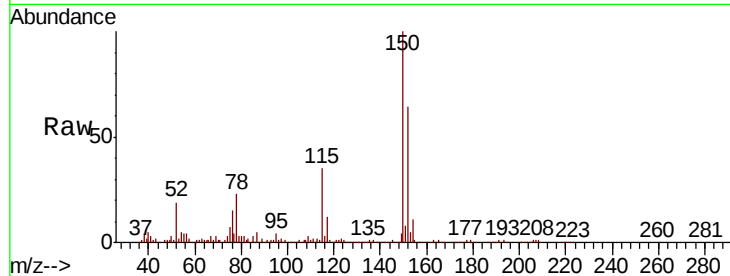


#72

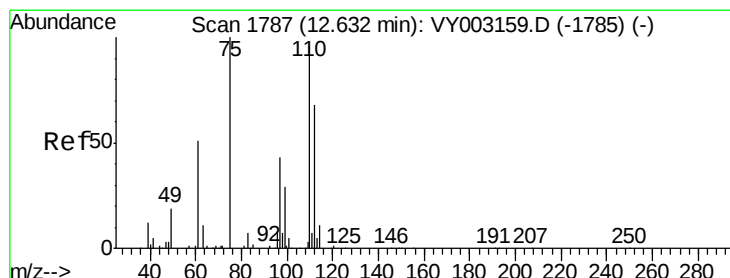
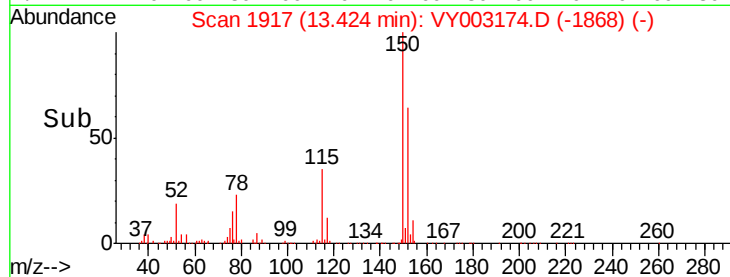
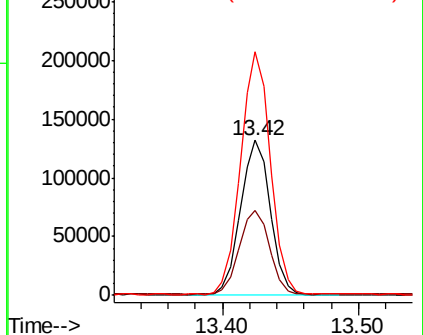
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-070920

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.7
150	156.6	0.0	338.0



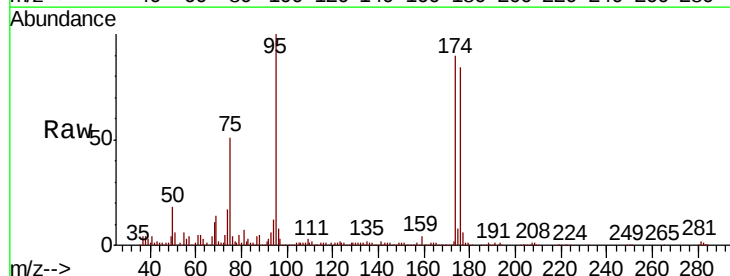
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



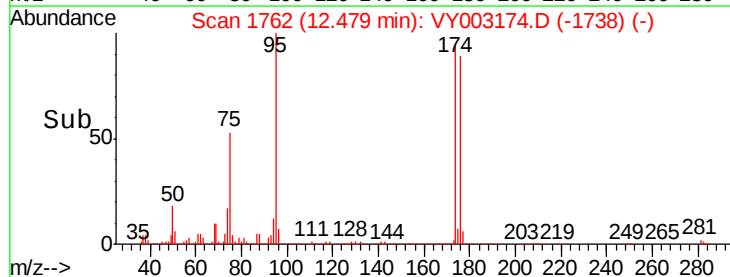
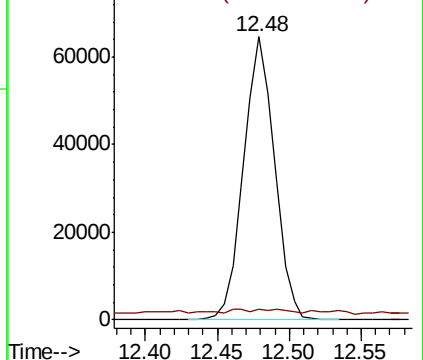
#76

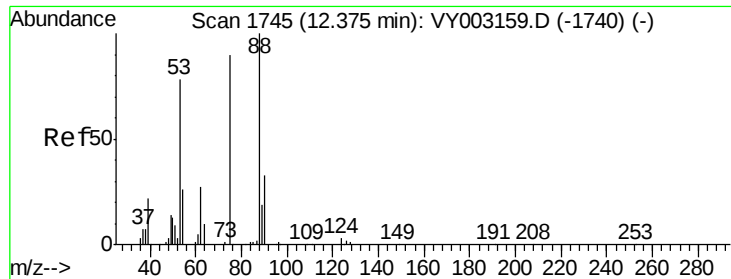
1,2,3-Trichloropropane
Concen: 54.390 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	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: 105.853 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-070920

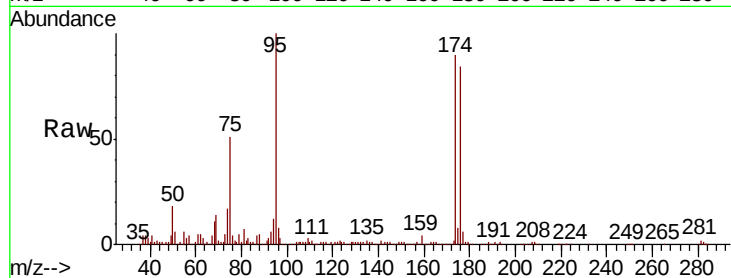
Tot Ion: 75 Resp: 96582

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.4 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

