

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003209.D
 Acq On : 16 Jul 2020 15:08
 Operator : SY/MD
 Sample : L3188-07RE
 Misc : 8.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-071420RE

Quant Time: Jul 17 05:20:42 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

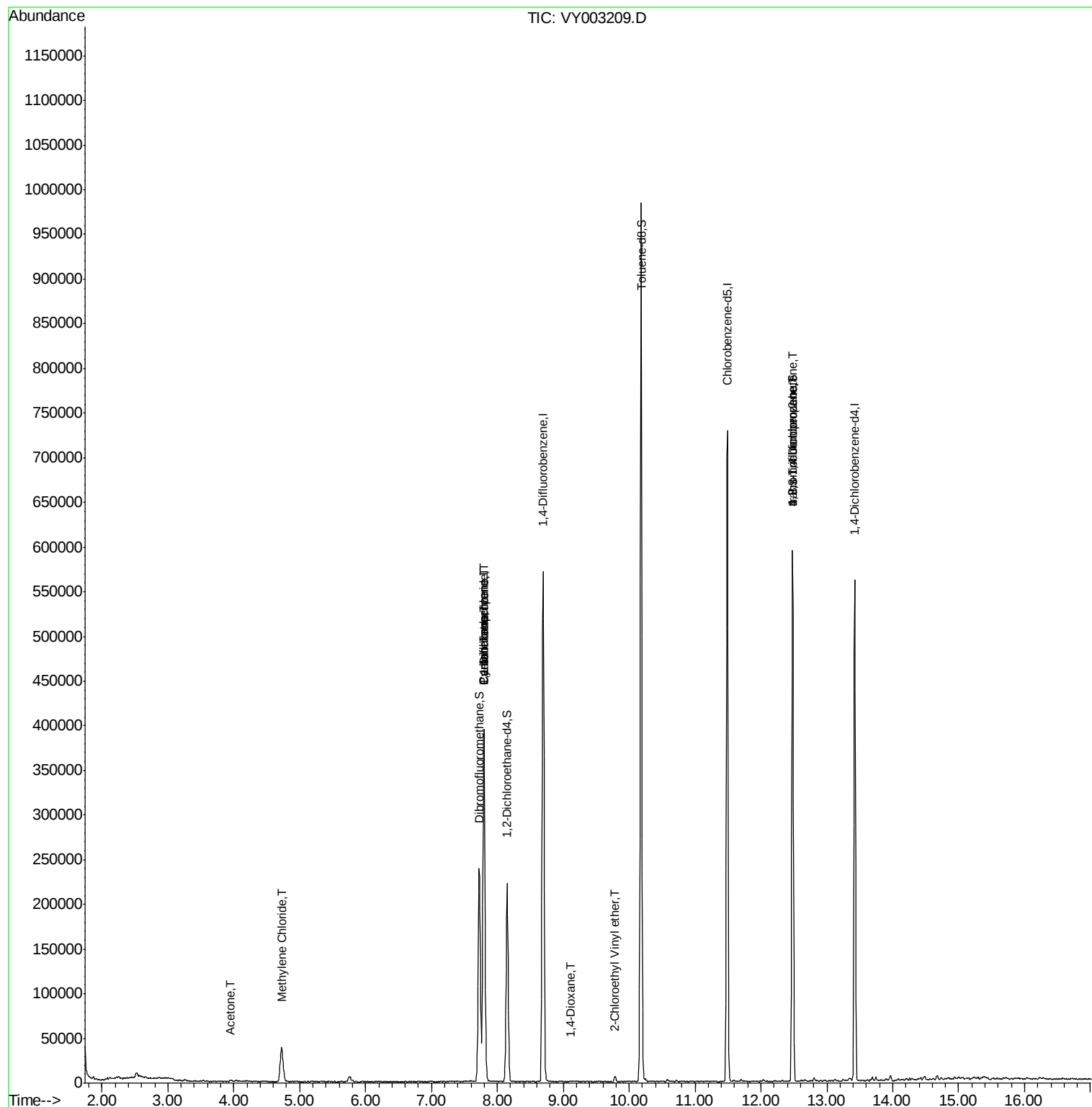
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	320949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	484925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	173866	64.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.36%	
35) Dibromofluoromethane	7.72	113	167198	59.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.82%	
50) Toluene-d8	10.18	98	626769	60.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.82%	
62) 4-Bromofluorobenzene	12.48	95	169388	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	2555	4.222	ug/l #	79
20) Methylene Chloride	4.72	84	29365	4.662	ug/l	95
31) Cyclohexane	7.79	56	6837	1.388	ug/l #	17
36) 1,1-Dichloropropene	7.79	75	22629	5.149	ug/l #	49
38) Carbon Tetrachloride	7.79	117	29631	6.531	ug/l #	17
49) 1,4-Dioxane	9.10	88	70	3.016	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.78	63	2469	1.374	ug/l	91
76) 1,2,3-Trichloropropane	12.48	75	86237	69.575	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86237	135.406	ug/l #	13

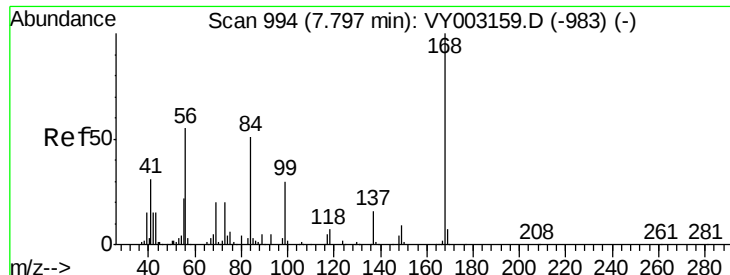
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

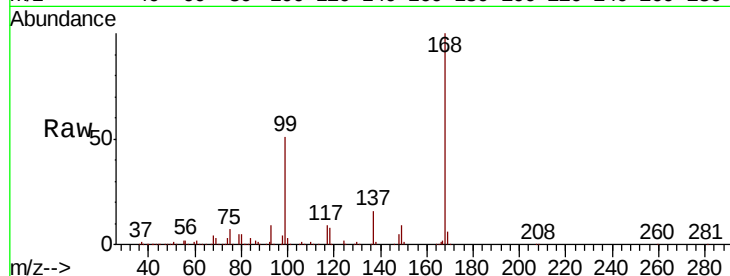
TR-05-071420RE

Tot Ion:168 Resp: 320949

Ion Ratio Lower Upper

168 100

99 51.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003209.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003209.D (-945) (-)

7.80

150000

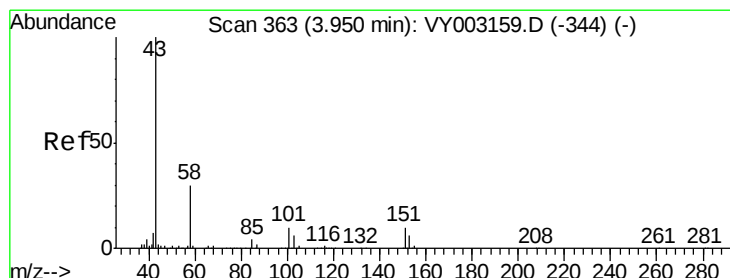
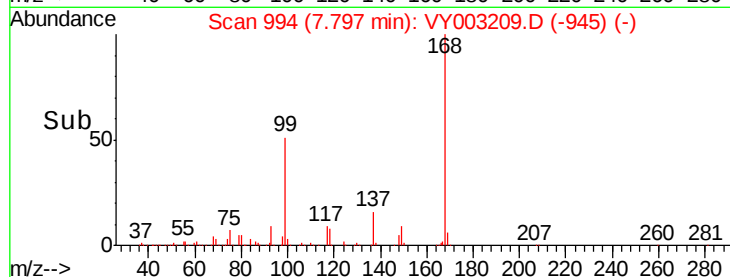
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 4.222 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003209.D

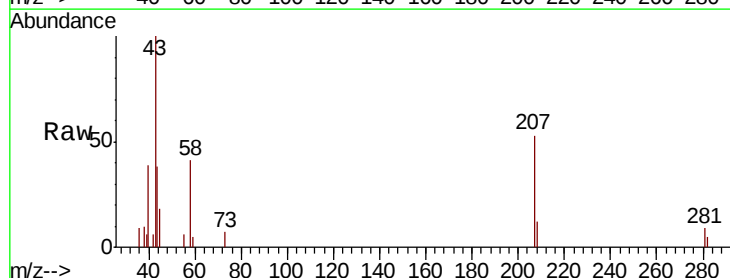
Acq: 16 Jul 2020 15:08

Tgt Ion: 43 Resp: 2555

Ion Ratio Lower Upper

43 100

58 41.1 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003209.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003209.D (-314) (-)

3.95

1000

800

600

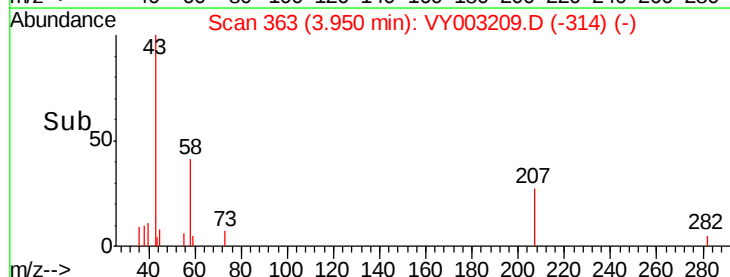
400

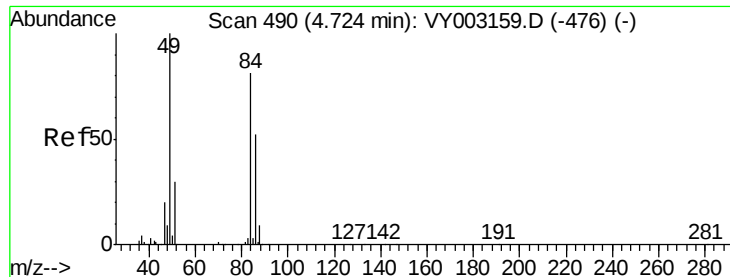
200

0

3.85 3.90 3.95 4.00 4.05

Time-->

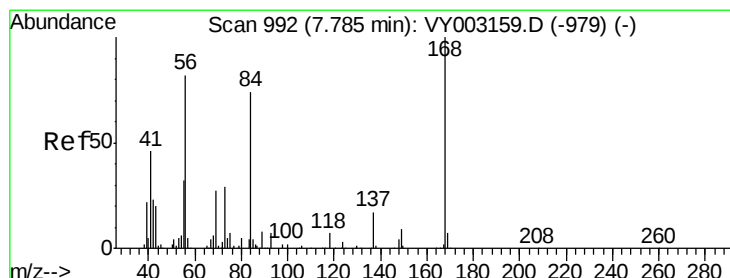
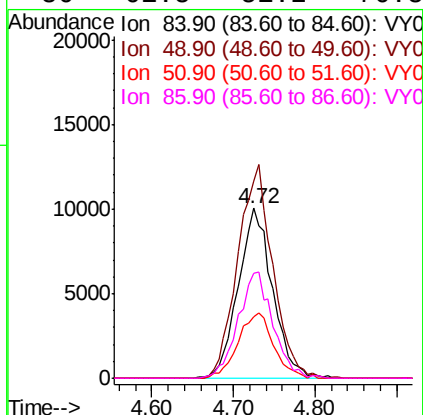
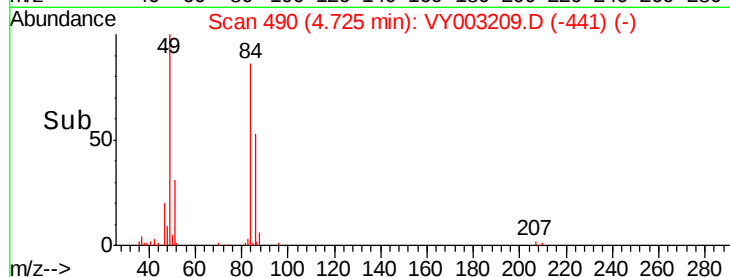
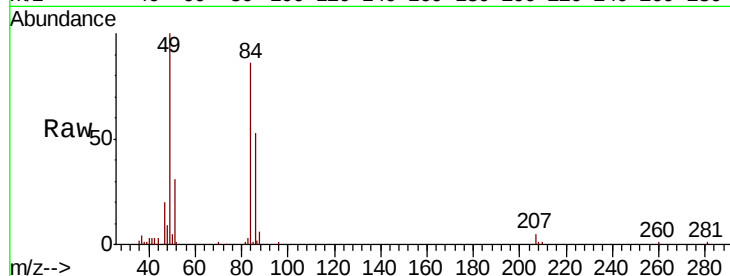




#20
Methvlene Chloride
Concen: 4.662 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003209.D
Acq: 16 Jul 2020 15:08

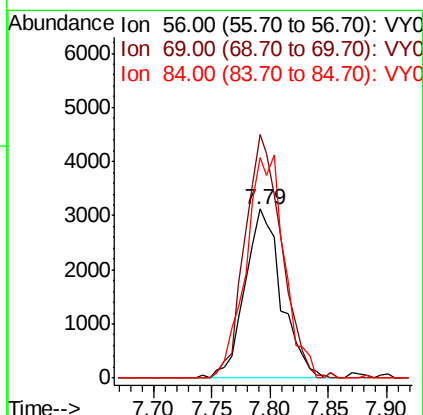
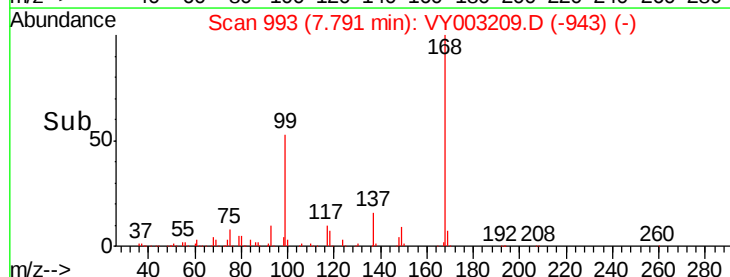
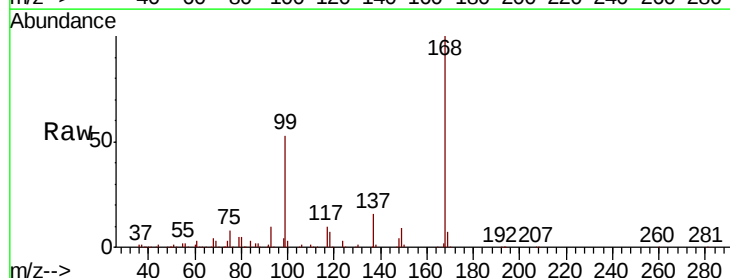
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-071420RE

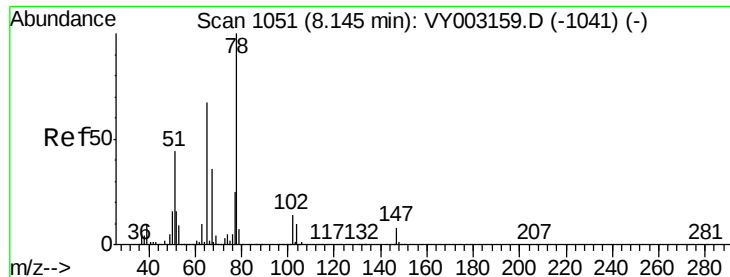
Tot Ion:	84	Resp:	29365
Ion	Ratio	Lower	Upper
84	100		
49	115.8	98.2	147.4
51	36.5	29.8	44.6
86	61.5	51.2	76.8



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003209.D
Acq: 16 Jul 2020 15:08

Tgt Ion:	56	Resp:	6837
Ion	Ratio	Lower	Upper
56	100		
69	144.1	26.7	40.1#
84	130.4	72.3	108.5#

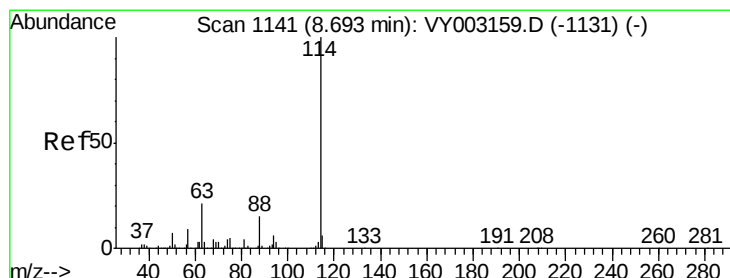
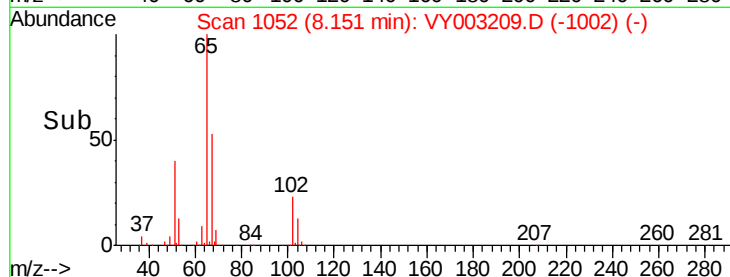
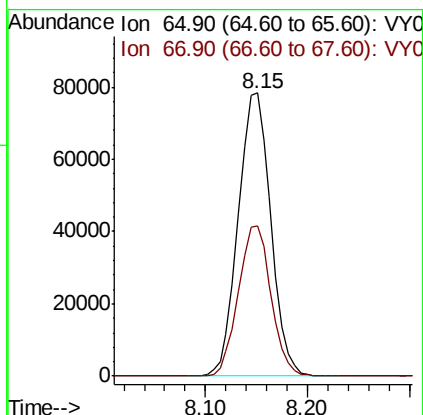
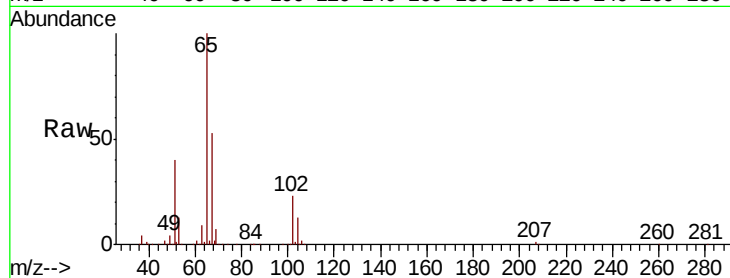




#33
 1,2-Dichloroethane-d4
 Concen: 64.183 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003209.D
 Acq: 16 Jul 2020 15:08

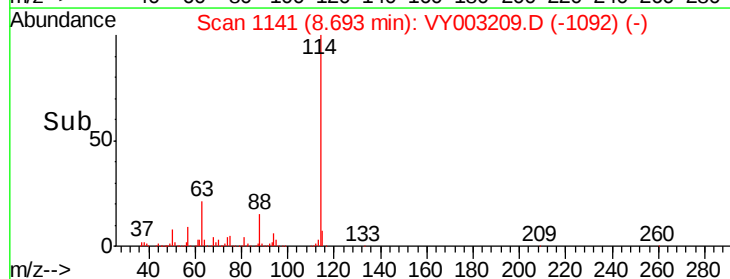
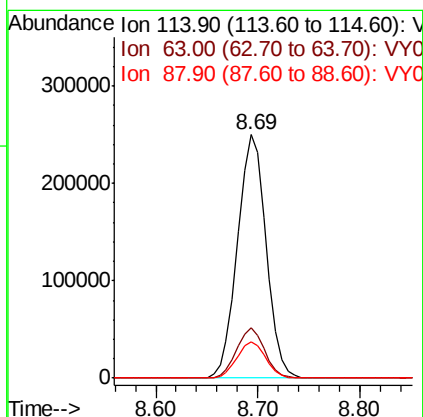
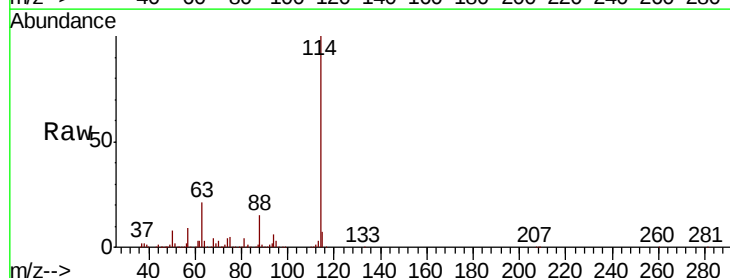
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-071420RE

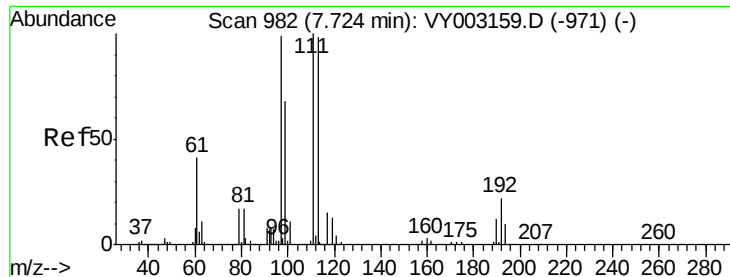
Tot Ion: 65 Resp: 173866
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003209.D
 Acq: 16 Jul 2020 15:08

Tgt Ion: 114 Resp: 484925
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 14.7 0.0 30.2

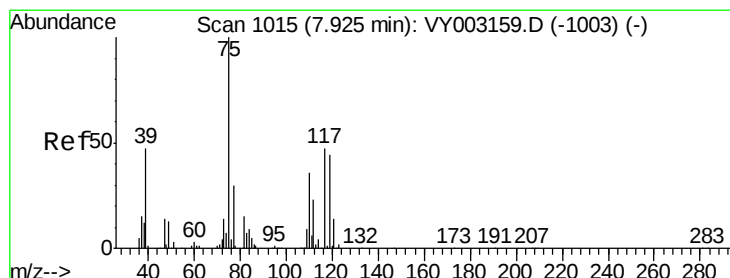
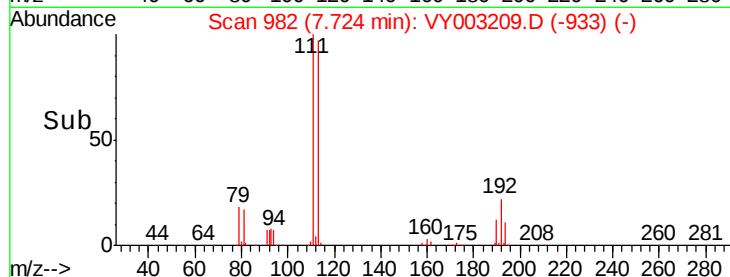
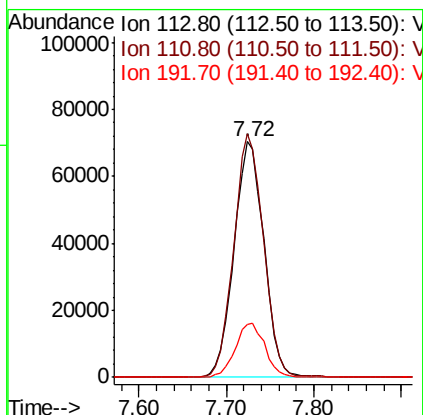
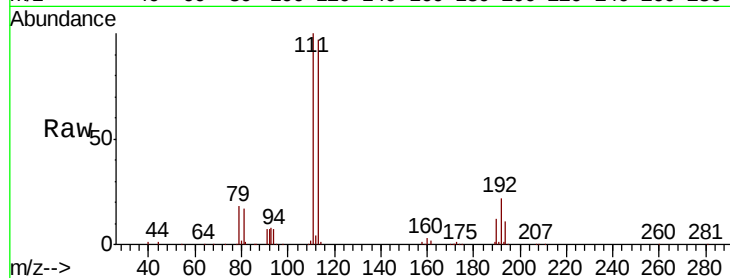




#35
 Dibromofluoromethane
 Concen: 59.914 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003209.D
 Acq: 16 Jul 2020 15:08

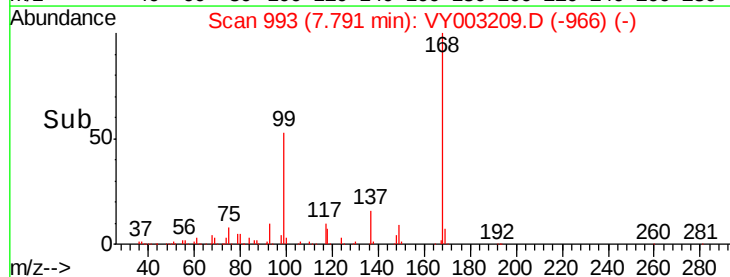
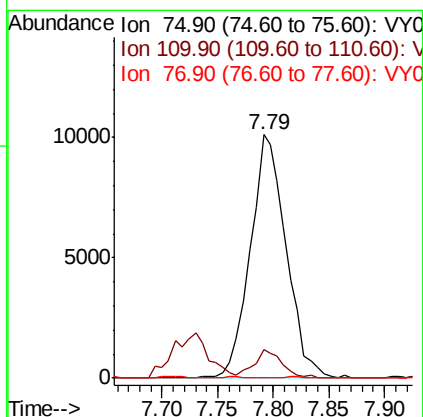
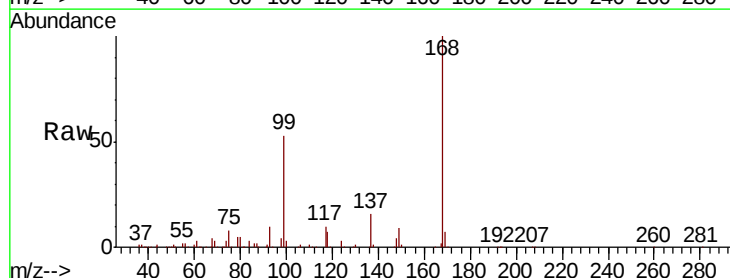
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-071420RE

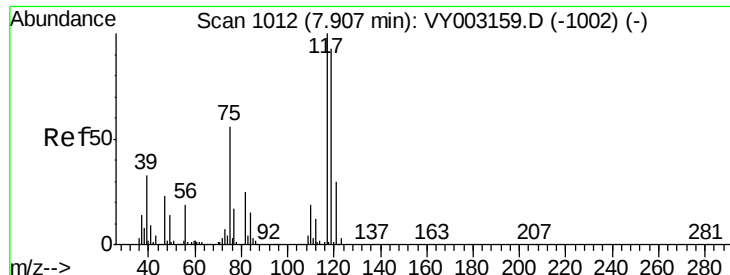
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	22.8	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.149 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003209.D
 Acq: 16 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.531 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-071420RE

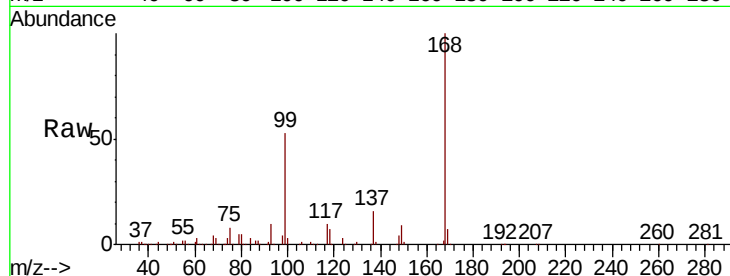
Tot Ion:117 Resp: 29631

Ion Ratio Lower Upper

117 100

119 5.0 74.5 111.7#

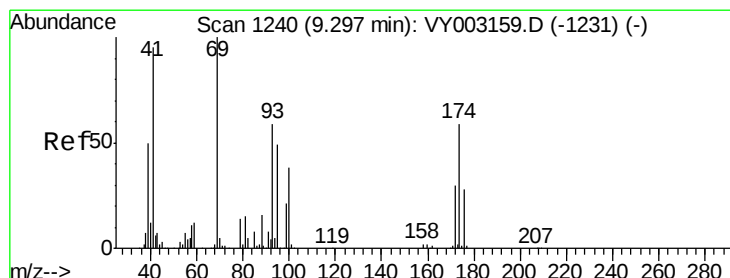
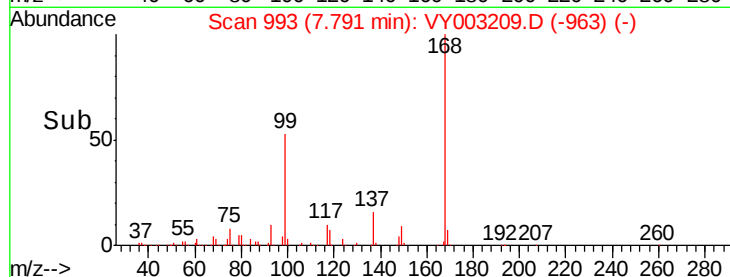
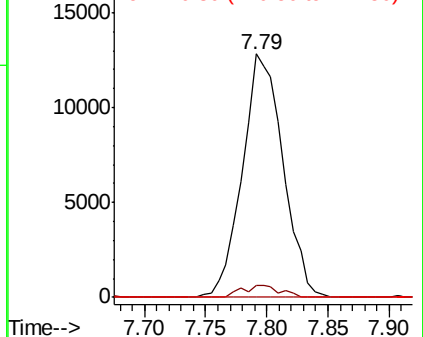
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 3.016 ug/l

RT: 9.10 min Scan# 1208

Delta R.T. -0.19 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

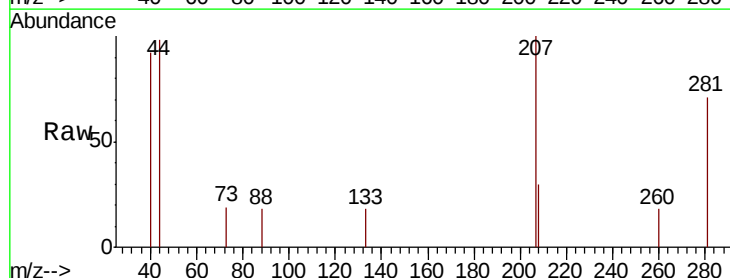
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 77.1 25.6 38.4#

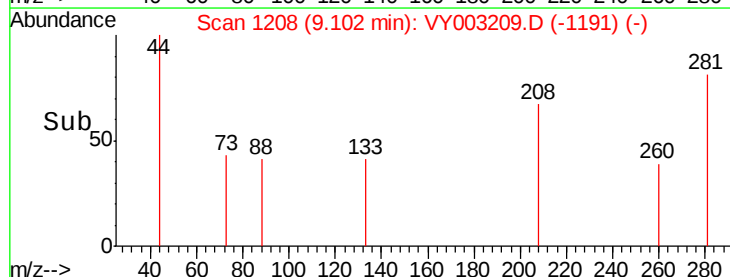
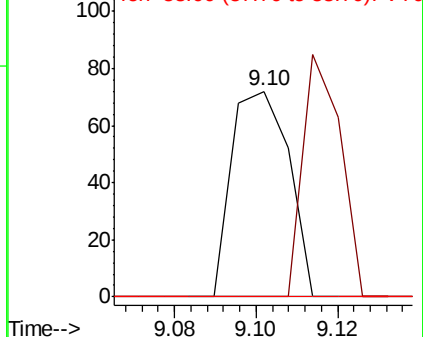
58 0.0 47.8 71.6#

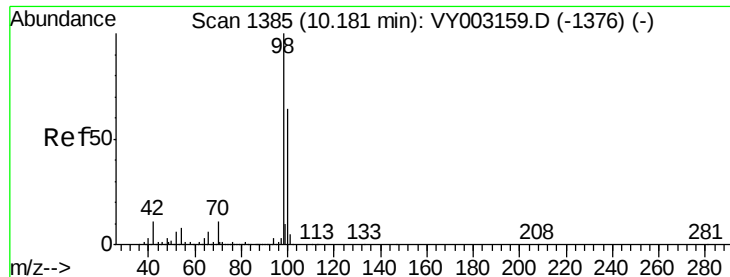


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 60.411 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

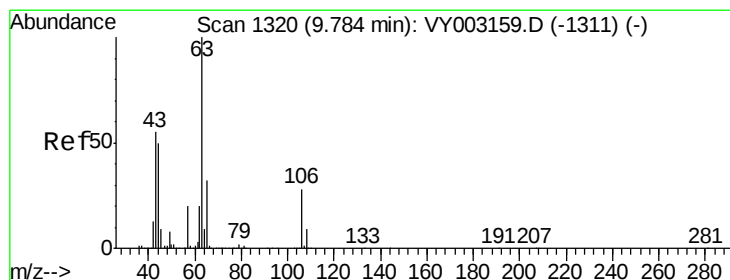
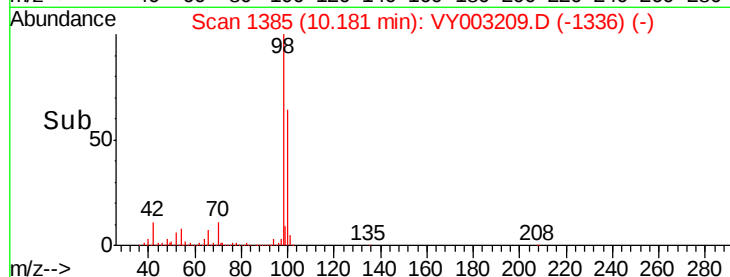
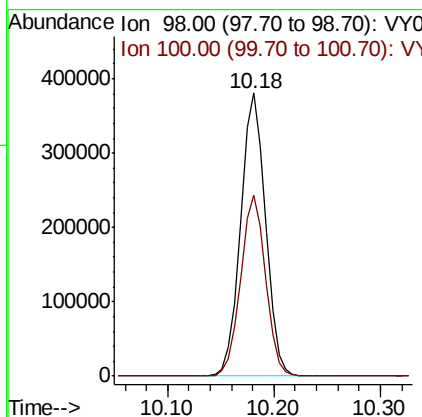
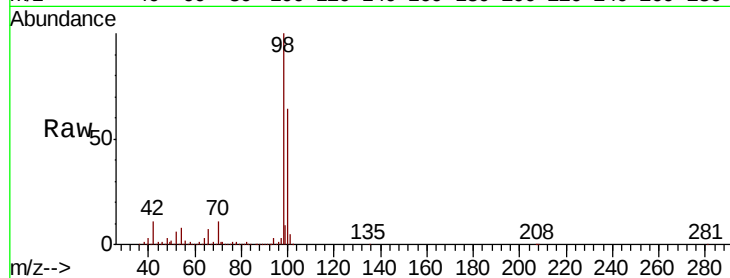
TR-05-071420RE

Tot Ion: 98 Resp: 626769

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.374 ug/l

RT: 9.78 min Scan# 1319

Delta R.T. -0.01 min

Lab File: VY003209.D

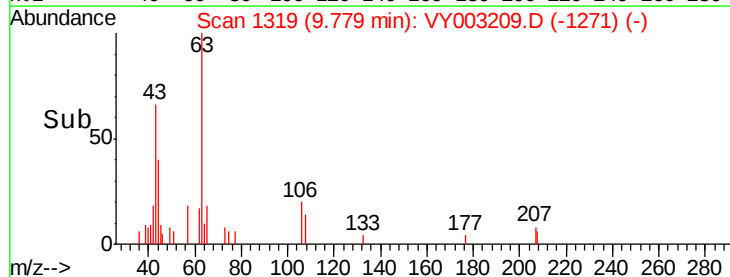
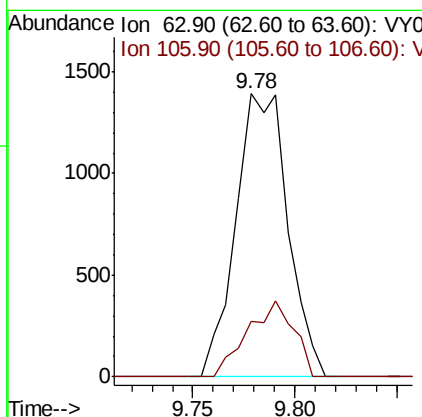
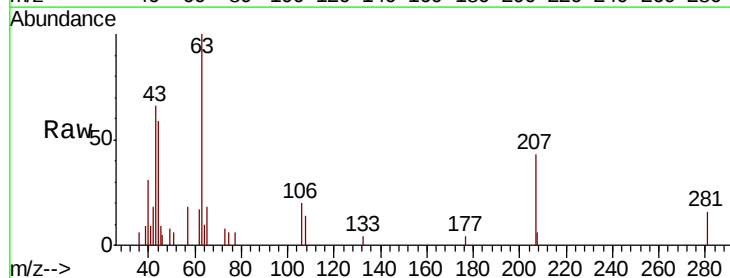
Acq: 16 Jul 2020 15:08

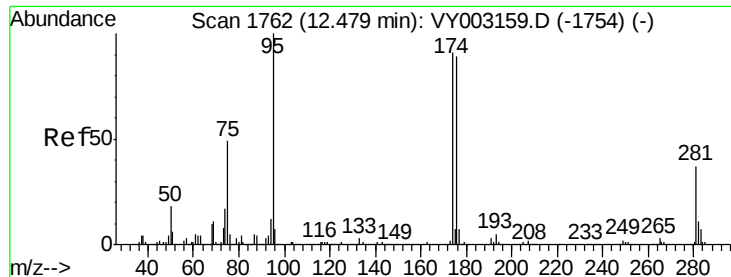
Tgt Ion: 63 Resp: 2469

Ion Ratio Lower Upper

63 100

106 23.7 22.9 34.3





#62

4-Bromofluorobenzene

Concen: 45.193 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-071420RE

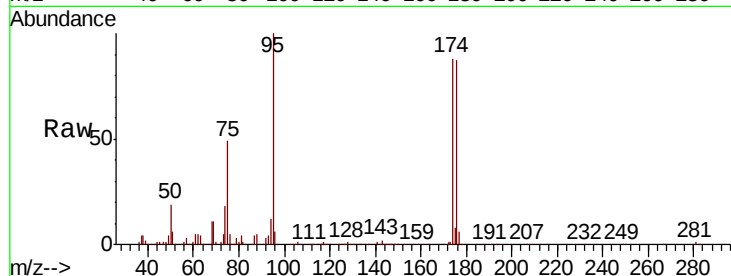
Tot Ion: 95 Resp: 169388

Ion Ratio Lower Upper

95 100

174 92.4 0.0 190.6

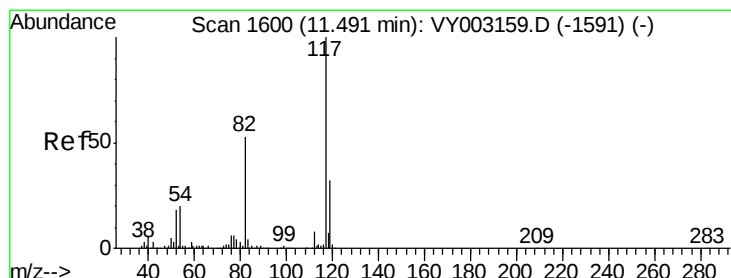
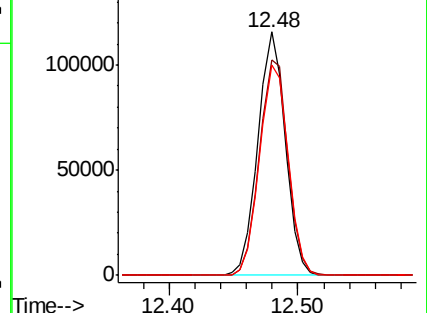
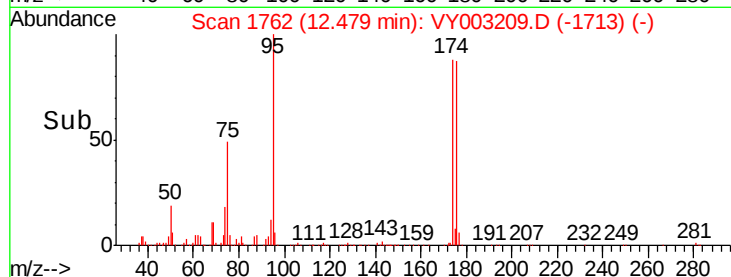
176 90.8 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003209.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003209.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003209.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

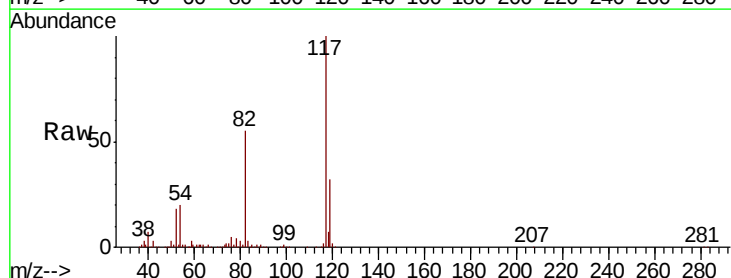
Tgt Ion: 117 Resp: 389721

Ion Ratio Lower Upper

117 100

82 55.4 42.0 63.0

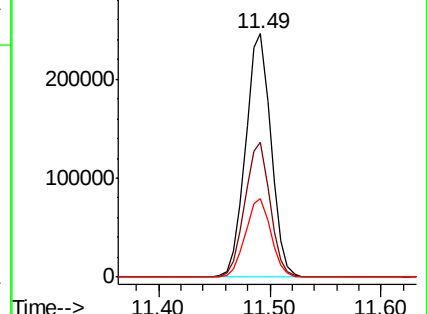
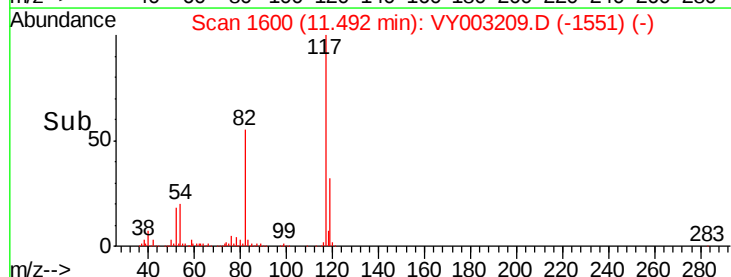
119 32.2 25.5 38.3

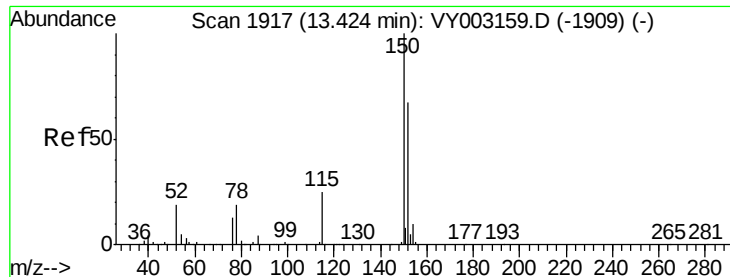


Abundance Ion 116.90 (116.60 to 117.60): VY003209.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003209.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003209.D (-1551) (-)



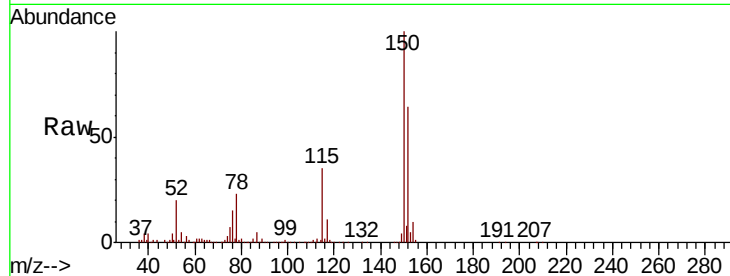


#72

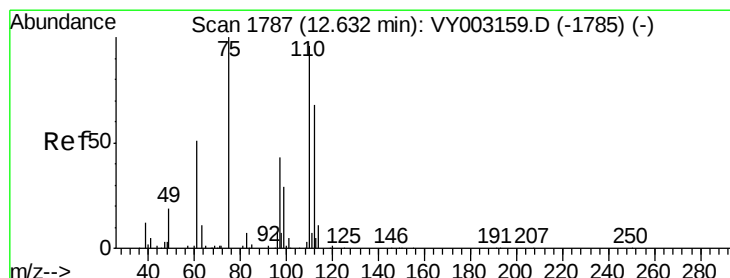
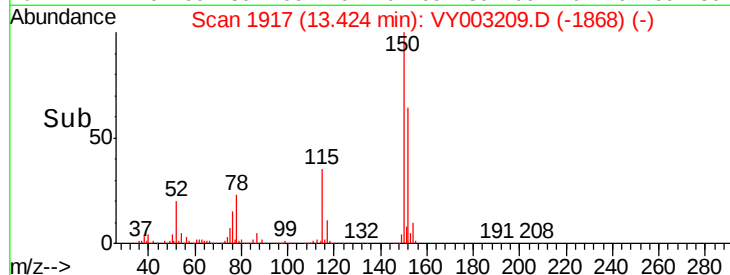
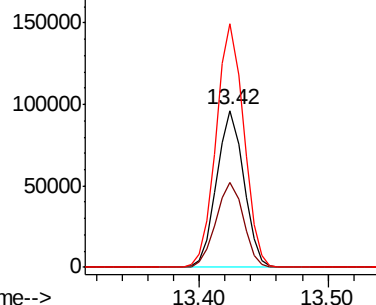
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003209.D
Acq: 16 Jul 2020 15:08

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-071420RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.9	80.7
150	157.5	0.0	338.0



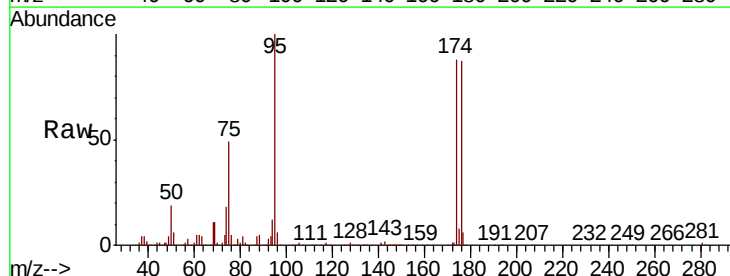
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



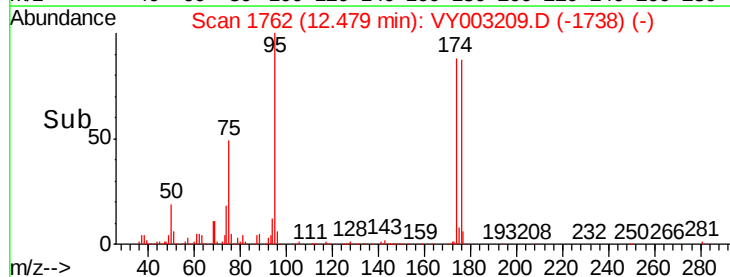
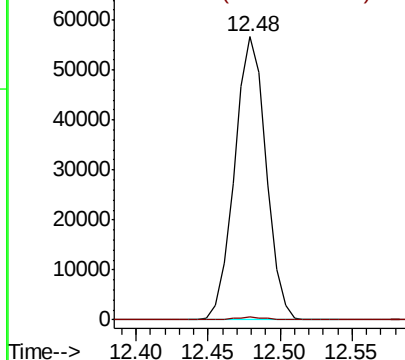
#76

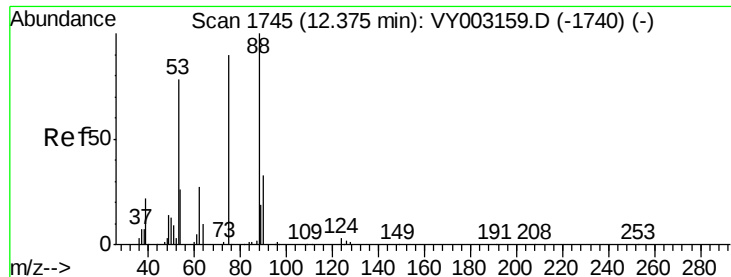
1,2,3-Trichloropropane
Concen: 69.575 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003209.D
Acq: 16 Jul 2020 15:08

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: 135.406 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-071420RE

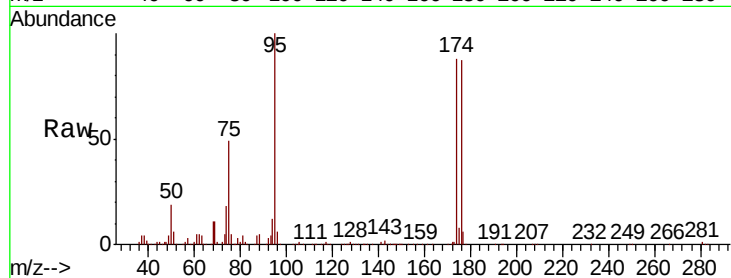
Tot Ion: 75 Resp: 86237

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 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

