

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003264.D
 Acq On : 21 Jul 2020 21:15
 Operator : SY/MD
 Sample : L3344-10
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-D2

Quant Time: Jul 22 02:46:42 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

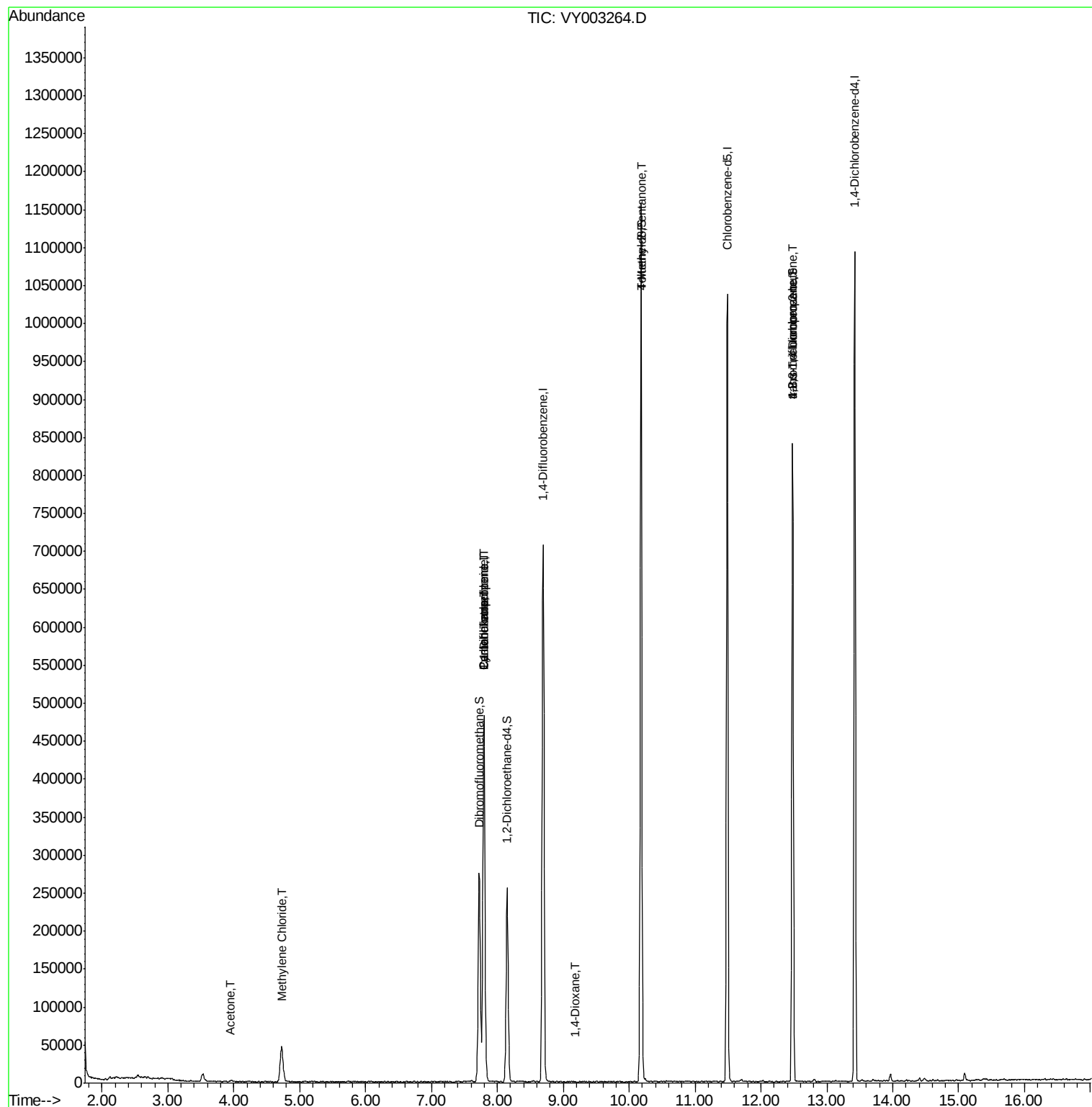
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	397010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	621334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	578495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	285313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	202033	60.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.58%	
35) Dibromofluoromethane	7.72	113	193710	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
50) Toluene-d8	10.18	98	754547	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
62) 4-Bromofluorobenzene	12.48	95	242291	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2353	3.144	ug/l	97
20) Methylene Chloride	4.72	84	35611	4.450	ug/l	95
31) Cyclohexane	7.79	56	7155	1.174	ug/l #	23
36) 1,1-Dichloropropene	7.79	75	26976	4.790	ug/l #	50
38) Carbon Tetrachloride	7.80	117	35696	6.140	ug/l #	16
49) 1,4-Dioxane	9.18	88	65	2.186	ug/l #	47
51) 4-Methyl-2-Pentanone	10.17	43	3364	1.103	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	122325	48.436	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	122325	94.265	ug/l #	13

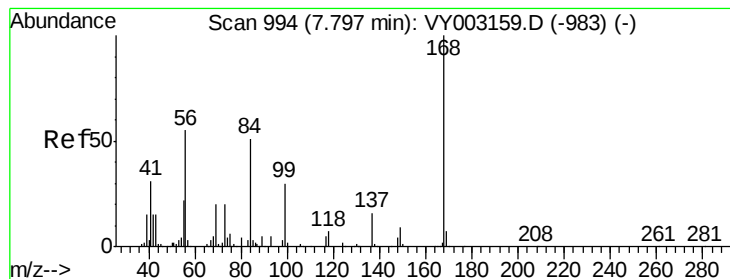
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Quant Time: Jul 22 02:46:42 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: VY003264.D

Acq: 21 Jul 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

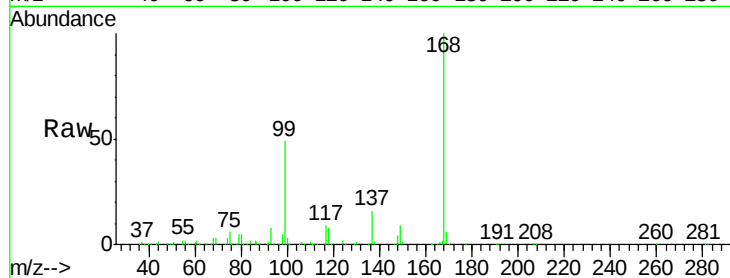
TP-14-D2

Tot Ion:168 Resp: 397010

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

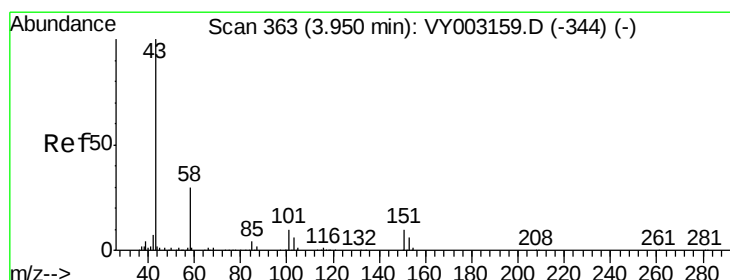
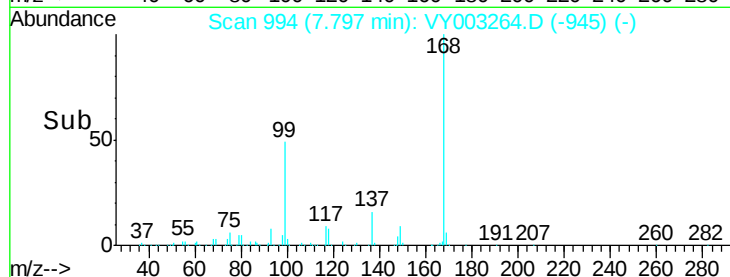
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.144 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003264.D

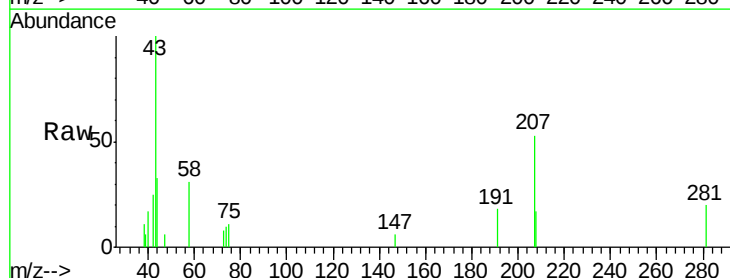
Acq: 21 Jul 2020 21:15

Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

58 31.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

1000

800

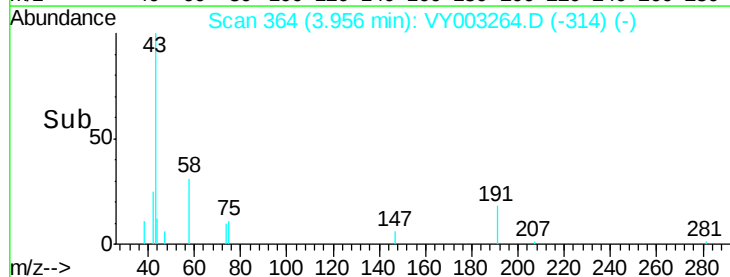
600

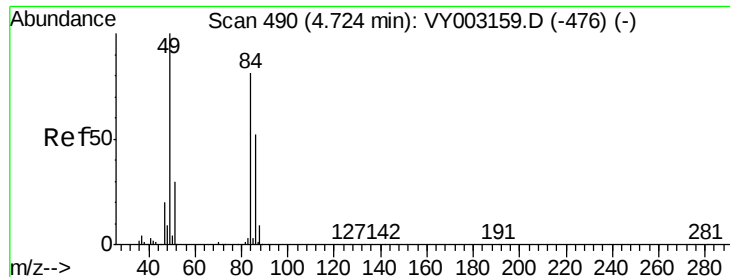
400

200

0

Time-->

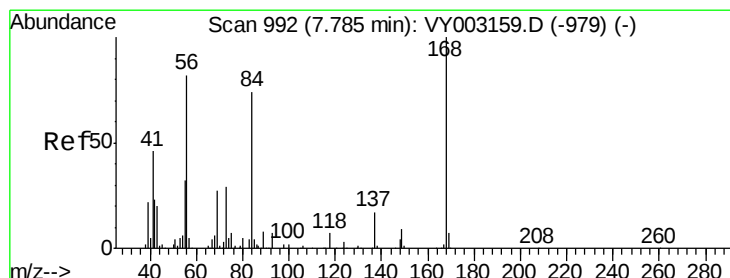
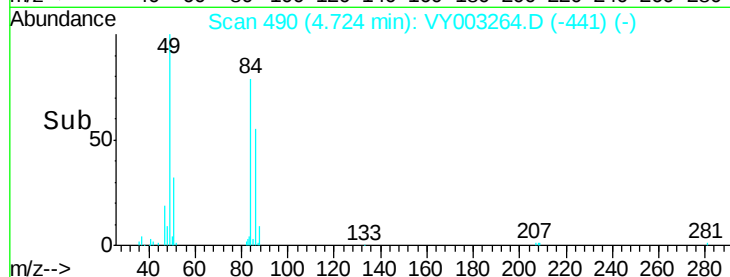
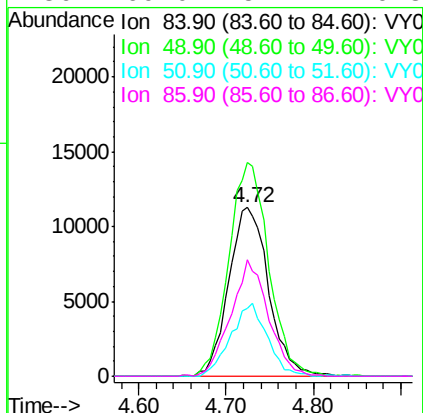
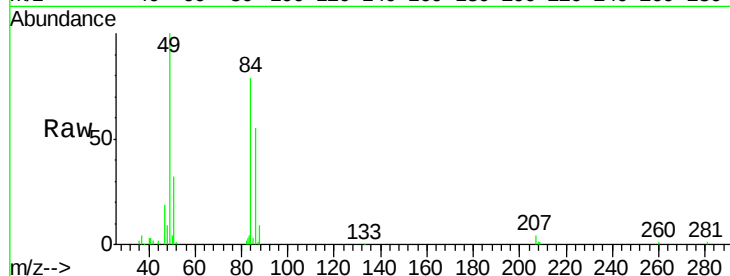




#20
Methylene Chloride
Concen: 4.450 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

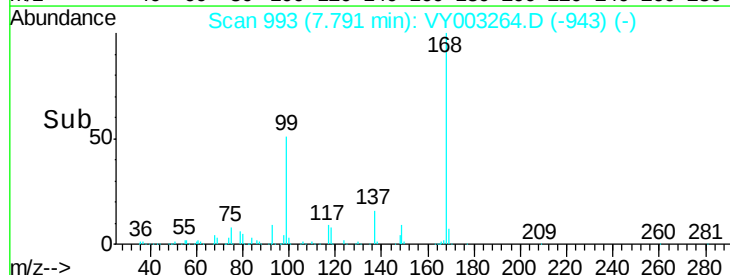
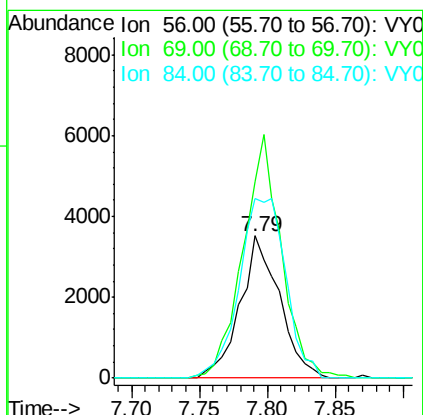
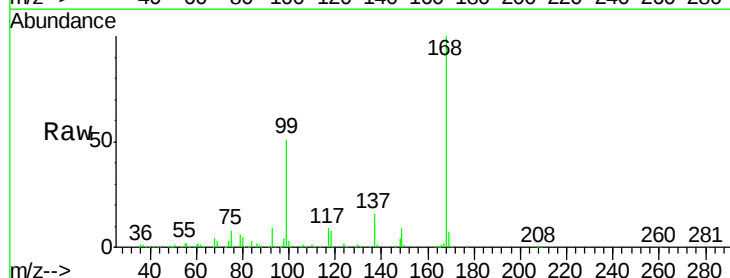
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-D2

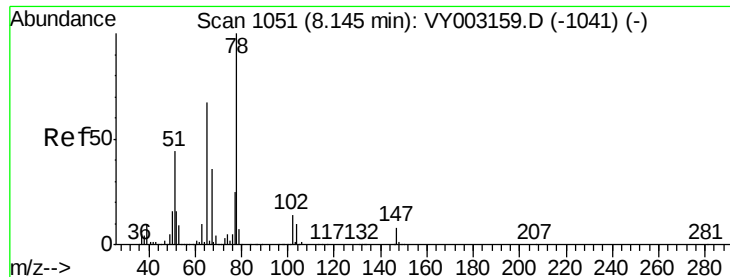
Tot Ion:	84	Resp:	35611
Ion	Ratio	Lower	Upper
84	100		
49	126.6	98.2	147.4
51	40.3	29.8	44.6
86	69.0	51.2	76.8



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

Tgt Ion:	56	Resp:	7155
Ion	Ratio	Lower	Upper
56	100		
69	138.1	26.7	40.1#
84	126.0	72.3	108.5#

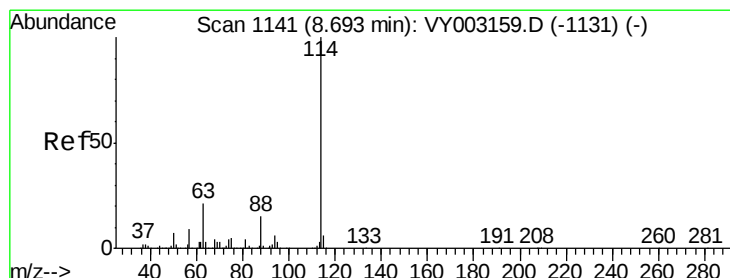
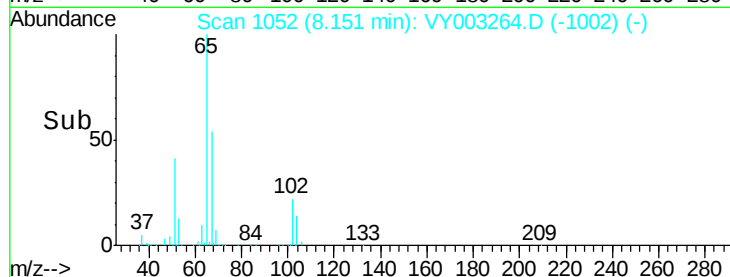
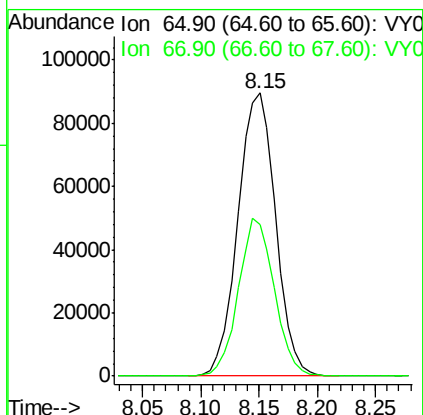
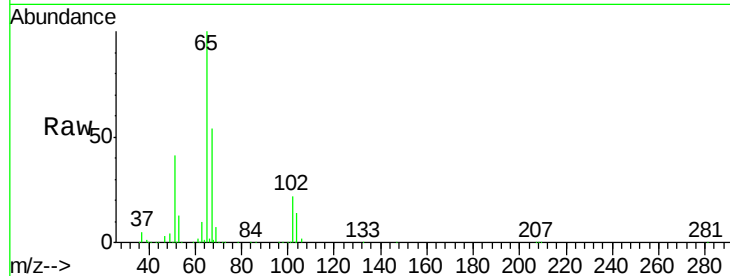




#33
 1,2-Dichloroethane-d4
 Concen: 60.292 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003264.D
 Acq: 21 Jul 2020 21:15

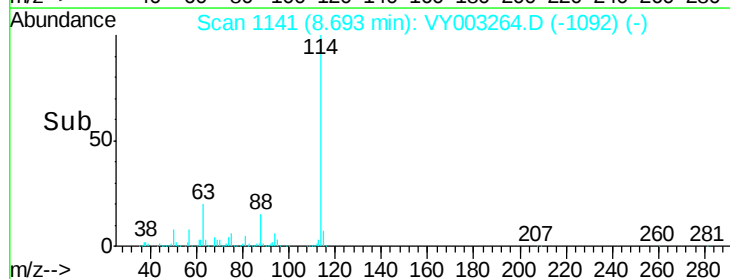
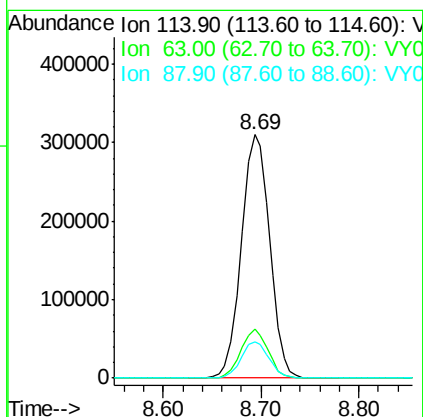
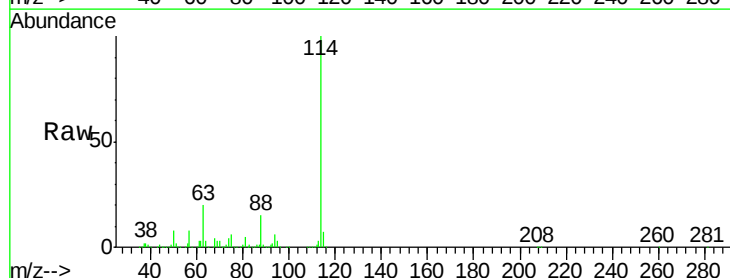
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-D2

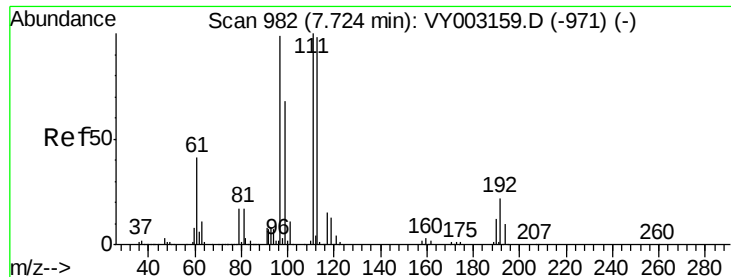
Tot Ion: 65 Resp: 202033
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003264.D
 Acq: 21 Jul 2020 21:15

Tgt Ion: 114 Resp: 621334
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.0 0.0 30.2

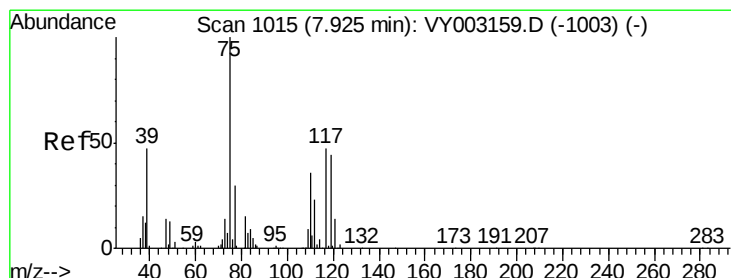
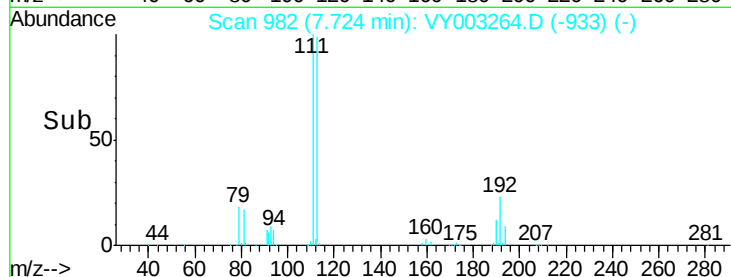
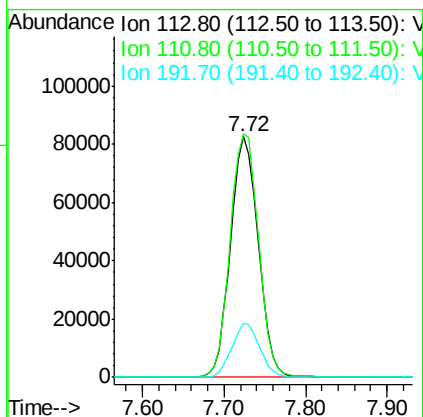
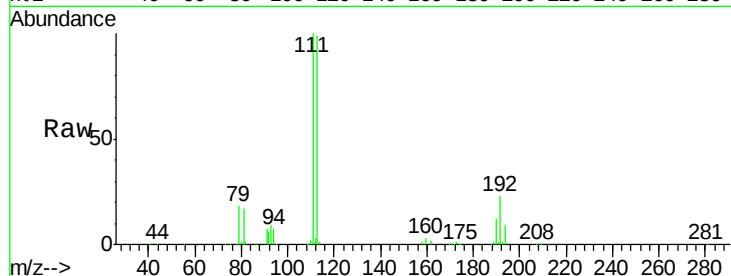




#35
Dibromofluoromethane
Concen: 54.175 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

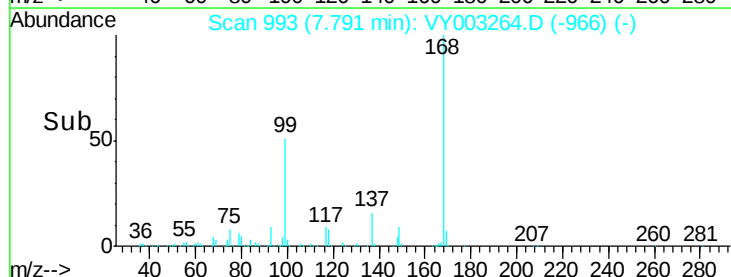
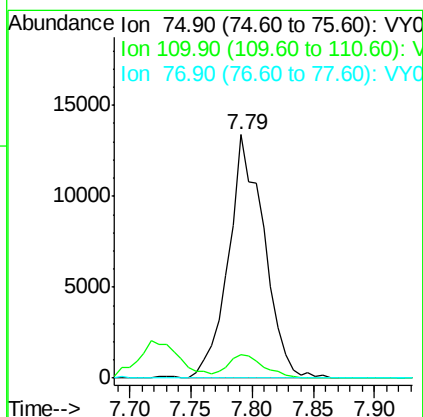
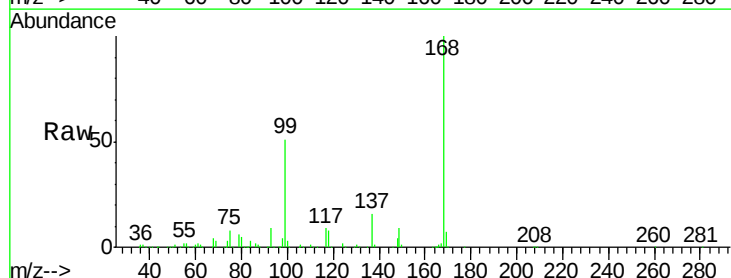
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-D2

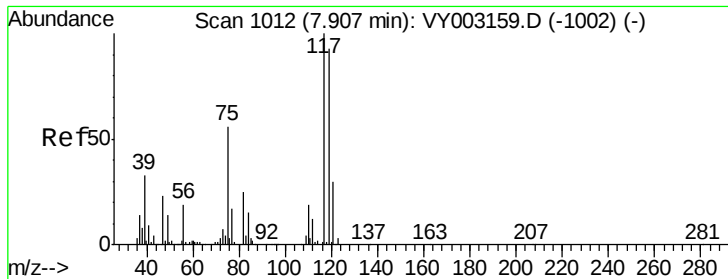
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	22.5	18.8	28.2



#36
1,1-Dichloropropene
Concen: 4.790 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.140 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003264.D

Acq: 21 Jul 2020 21:15

Instrument :

MSVOA_Y

ClientSampled :

TP-14-D2

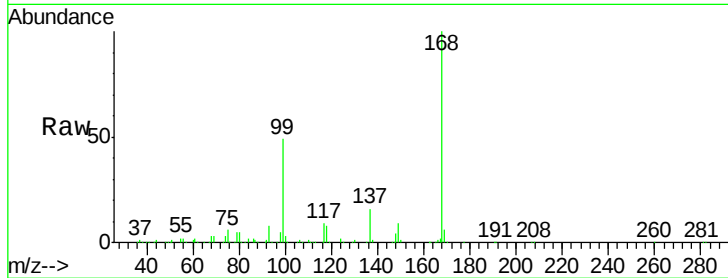
Tot Ion:117 Resp: 35696

Ion Ratio Lower Upper

117 100

119 4.0 74.5 111.7#

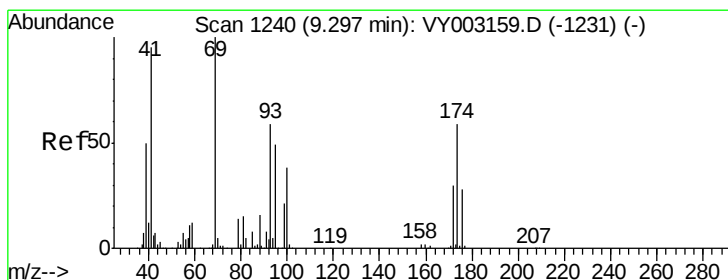
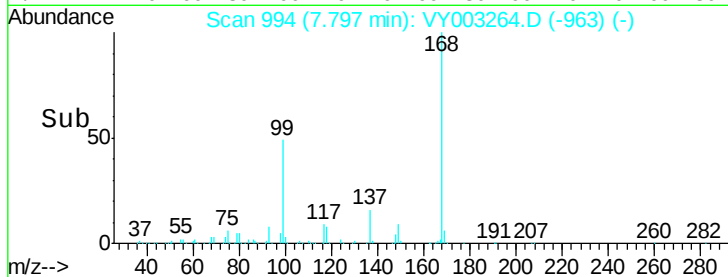
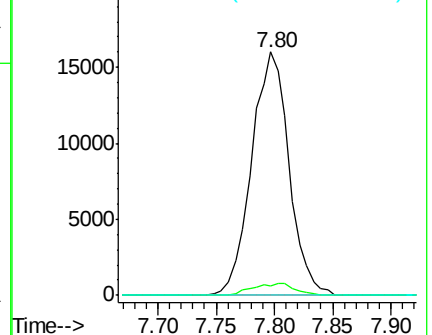
121 0.0 24.2 36.2#



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: 2.186 ug/l

RT: 9.18 min Scan# 1221

Delta R.T. -0.12 min

Lab File: VY003264.D

Acq: 21 Jul 2020 21:15

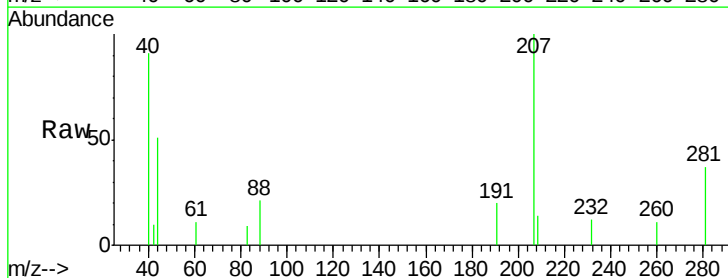
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 29.2 25.6 38.4

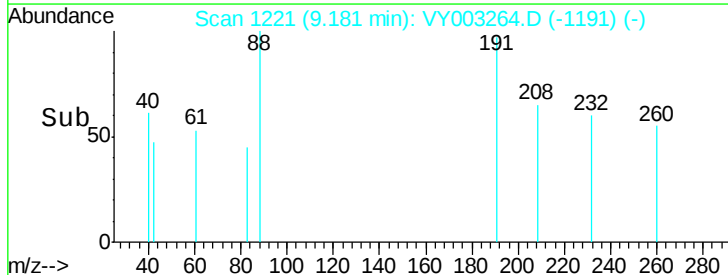
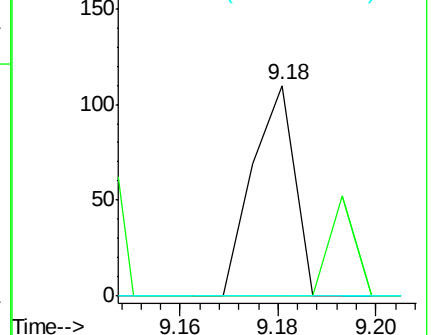
58 0.0 47.8 71.6#

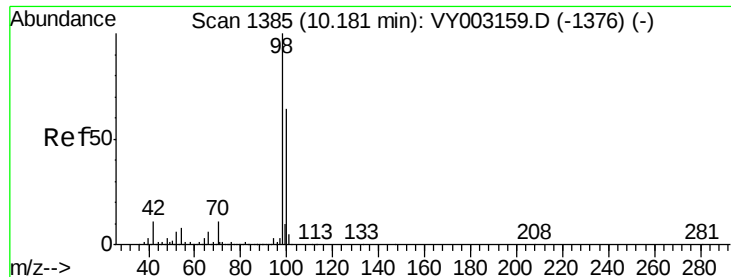


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 56.760 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003264.D

Acq: 21 Jul 2020 21:15

Instrument :

MSVOA_Y

ClientSampled :

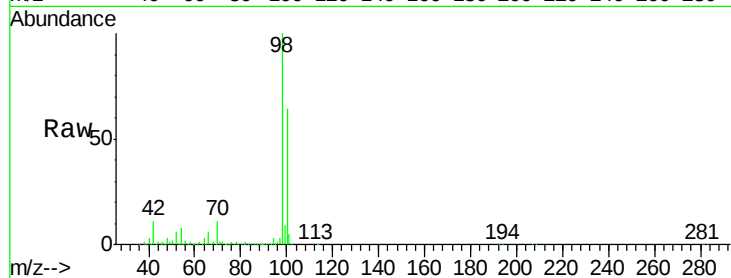
TP-14-D2

Tot Ion: 98 Resp: 754547

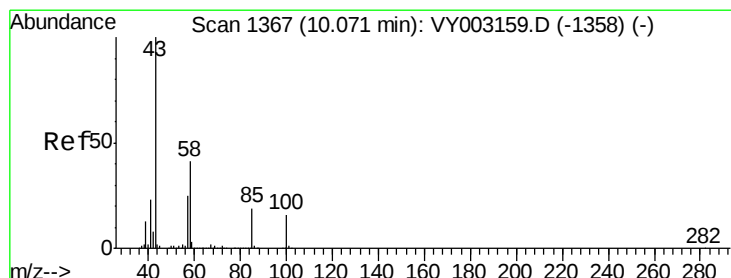
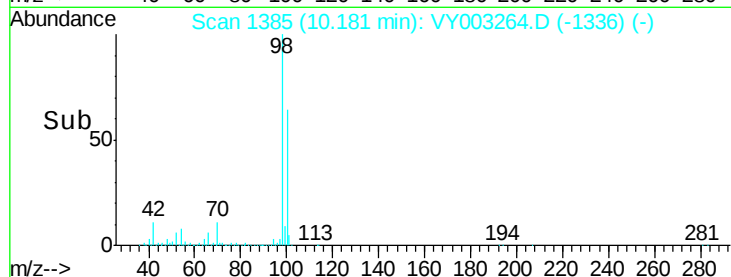
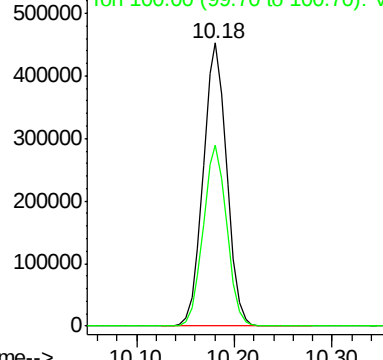
Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003159.D (-1376) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.103 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003264.D

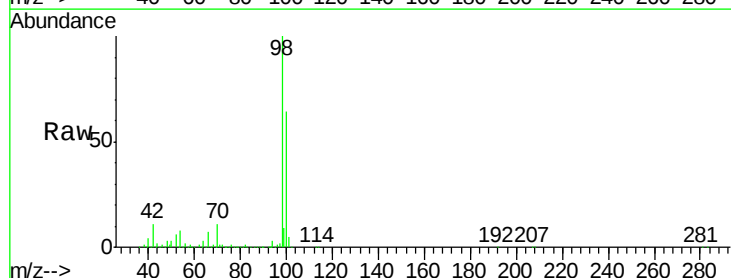
Acq: 21 Jul 2020 21:15

Tgt Ion: 43 Resp: 3364

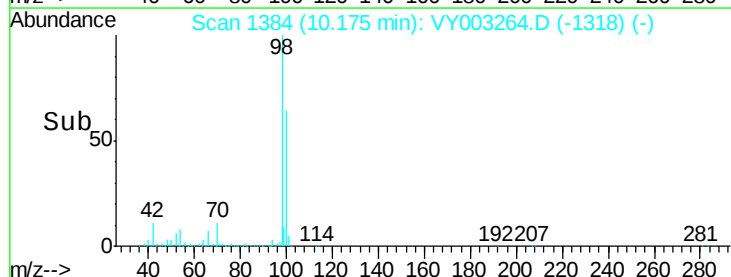
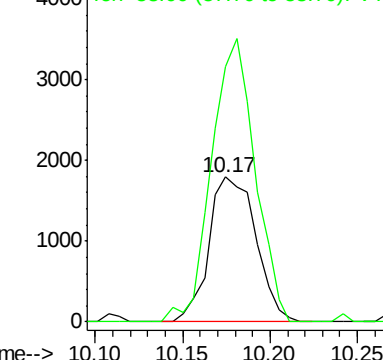
Ion Ratio Lower Upper

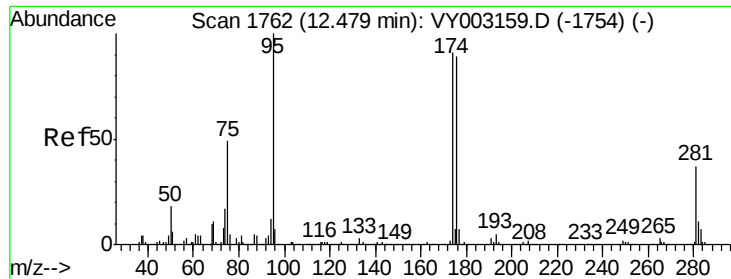
43 100

58 180.4 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1358) (-)

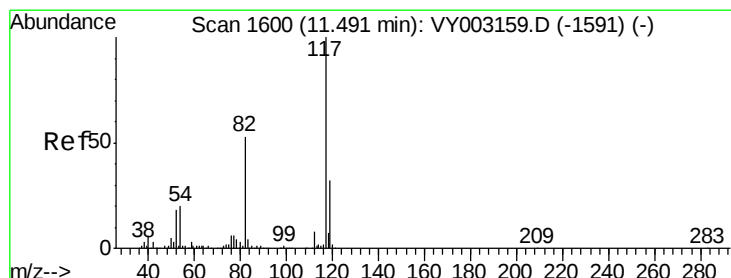
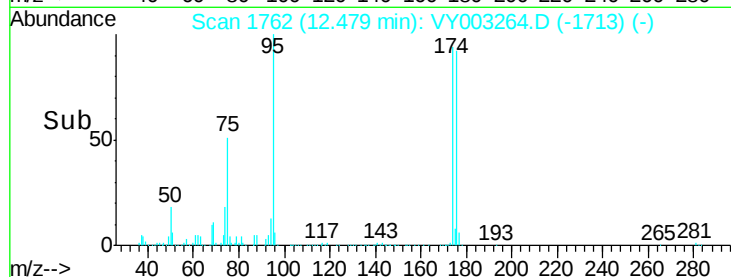
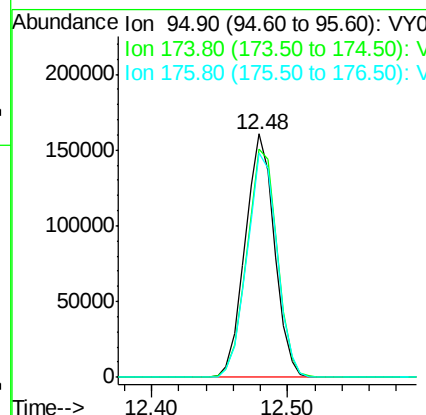
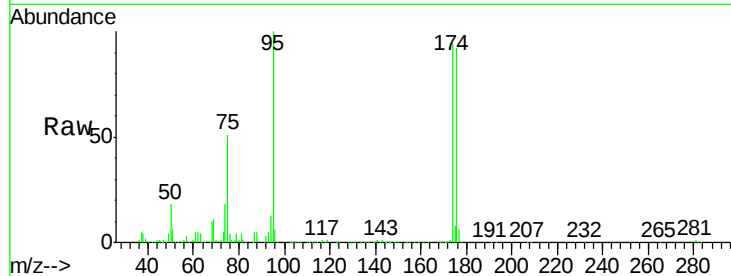




#62
4-Bromofluorobenzene
Concen: 50.452 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

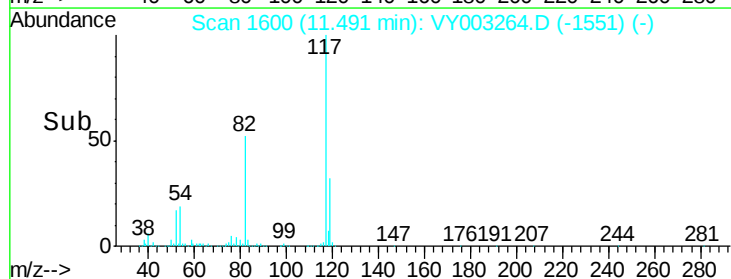
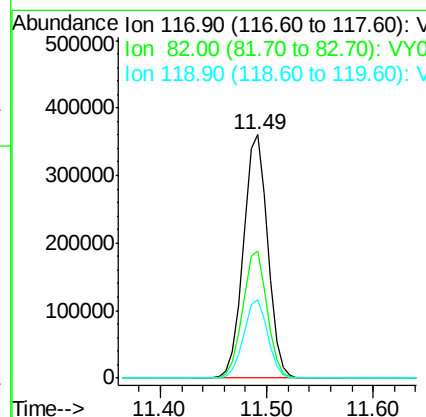
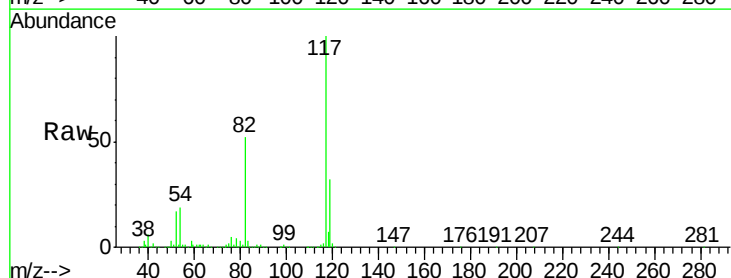
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-D2

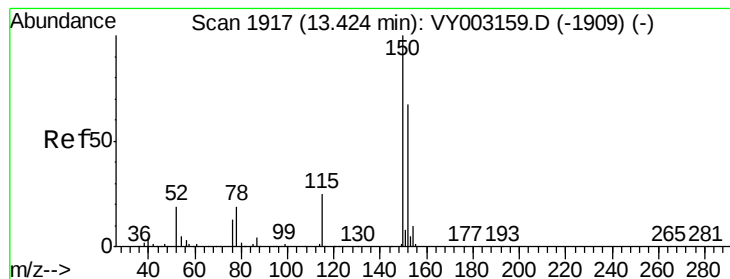
Tot Ion: 95 Resp: 242291
Ion Ratio Lower Upper
95 100
174 97.0 0.0 190.6
176 94.4 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

Tgt Ion: 117 Resp: 578495
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 32.2 25.5 38.3



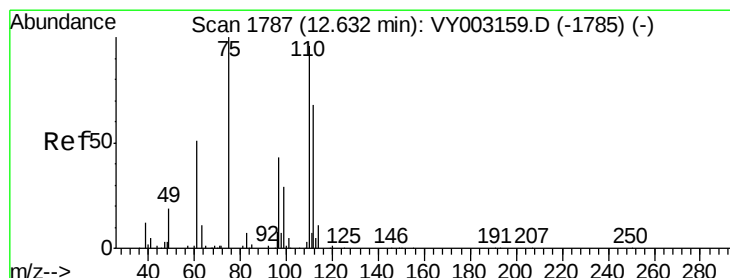
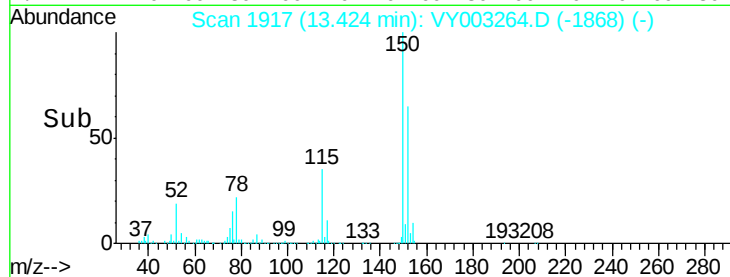
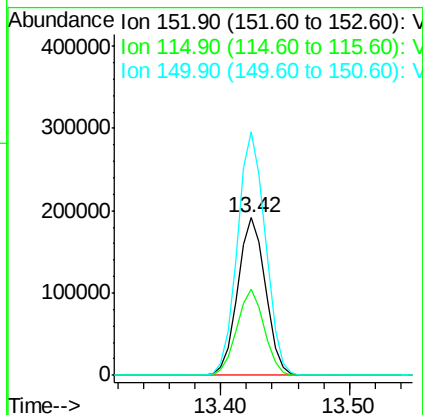
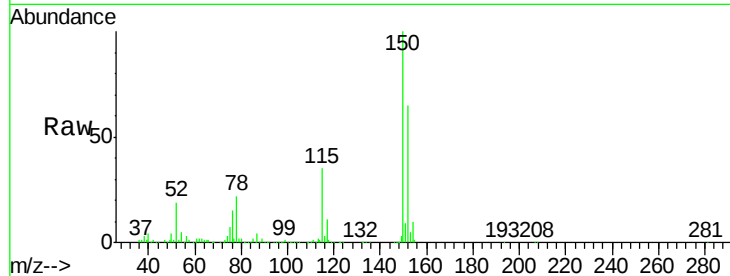


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-D2

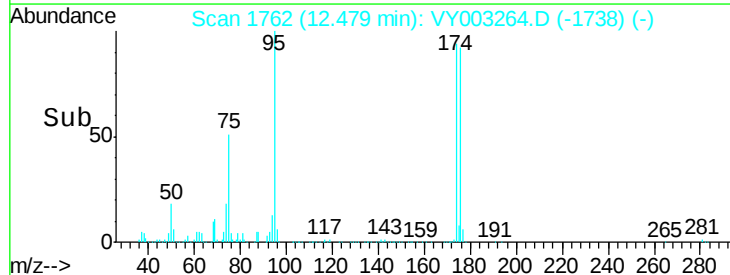
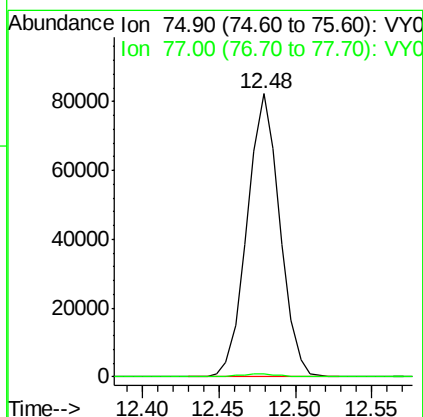
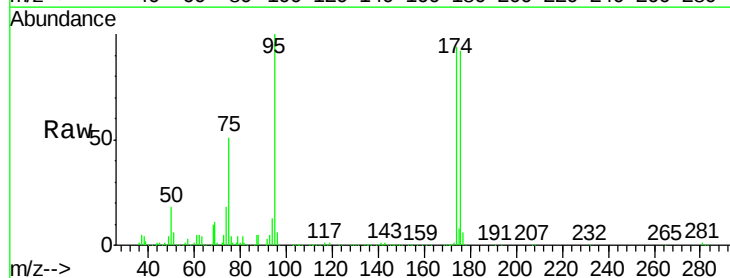
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.9	80.7
150	156.0	0.0	338.0

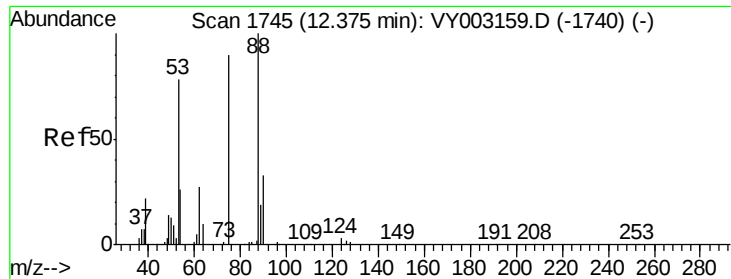


#76

1,2,3-Trichloropropane
Concen: 48.436 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003264.D
Acq: 21 Jul 2020 21:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 94.265 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003264.D

Acq: 21 Jul 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-D2

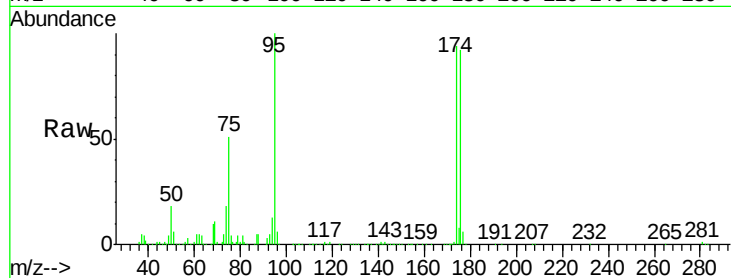
Tot Ion: 75 Resp: 122325

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

