

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000916.D
 Acq On : 09 Dec 2019 16:49
 Operator : SY/MD
 Sample : K6204-02
 Misc : 7.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:25:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

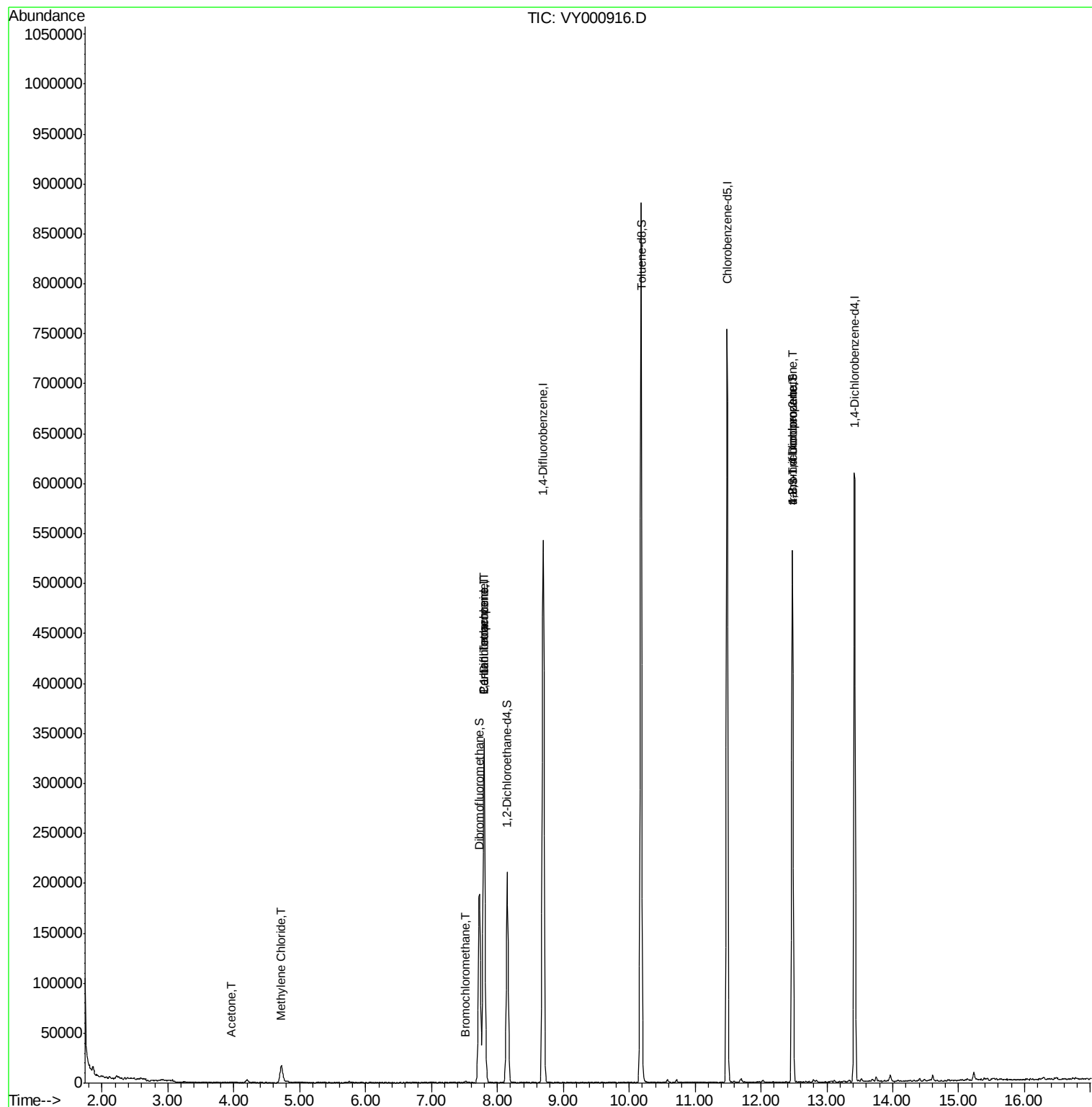
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	479170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150677	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.73	113	139697	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.18	98	569188	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.48	95	169232	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.66	94	204	Below Cal		94
16) Acetone	3.96	43	1381	2.168 ug/l		97
20) Methylene Chloride	4.72	84	12537	3.734 ug/l #		92
28) Bromochloromethane	7.51	49	54	2.041 ug/l #		15
36) 1,1-Dichloropropene	7.79	75	21691	4.553 ug/l #		50
38) Carbon Tetrachloride	7.80	117	25719	6.061 ug/l #		14
76) 1,2,3-Trichloropropane	12.48	75	85015	49.094 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	85015	96.436 ug/l #		17

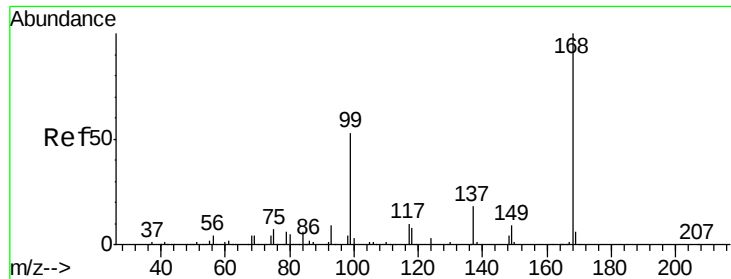
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 10 06:25:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000916.D

Acq: 09 Dec 2019 16:49

Instrument :

MSVOA_Y

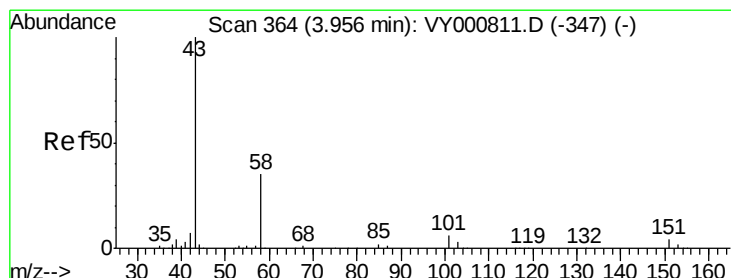
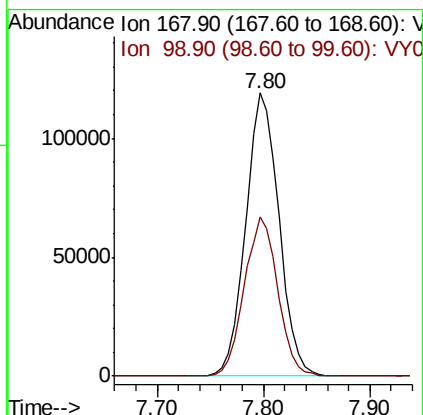
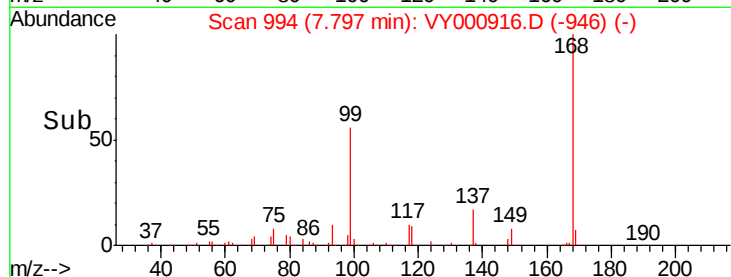
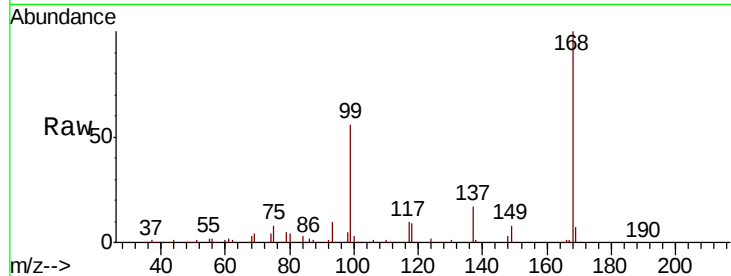
ClientSampleId :

Tot Ion:168 Resp: 261336

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.6



#16

Acetone

Concen: 2.168 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000916.D

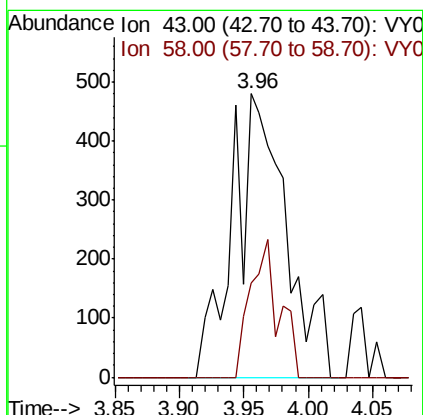
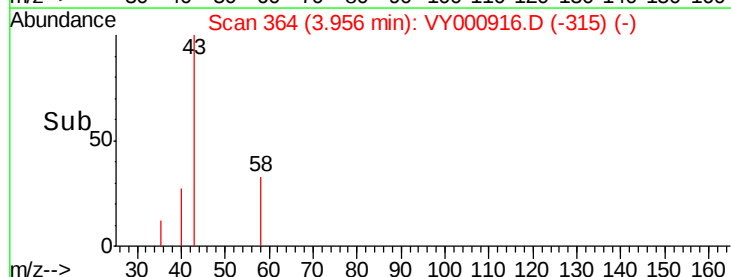
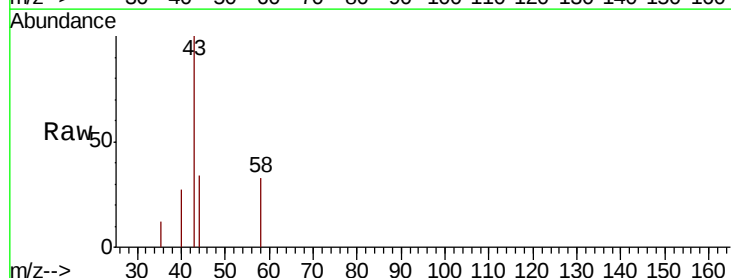
Acq: 09 Dec 2019 16:49

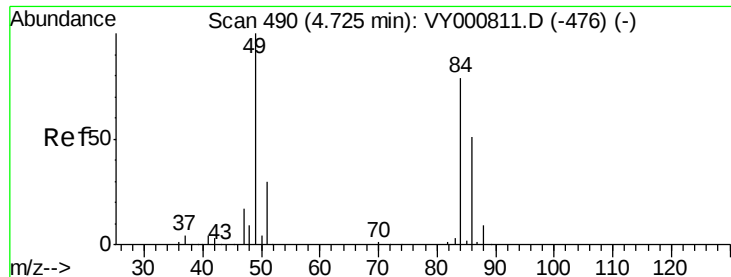
Tgt Ion: 43 Resp: 1381

Ion Ratio Lower Upper

43 100

58 33.3 28.0 42.0





#20

Methylene Chloride

Concen: 3.734 ug/l

RT: 4.72 min Scan# 490

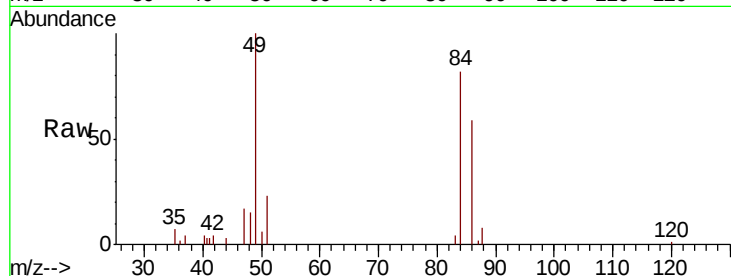
Delta R.T. -0.00 min

Lab File: VY000916.D

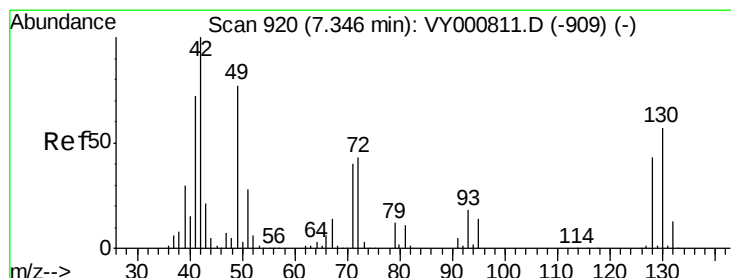
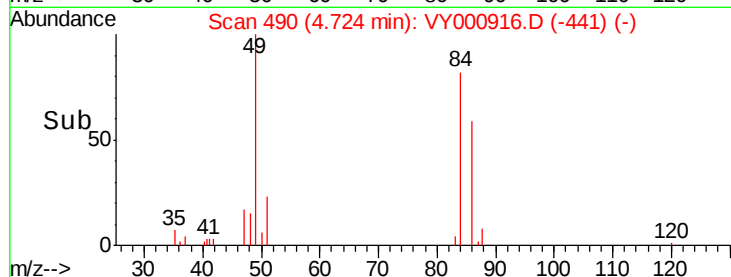
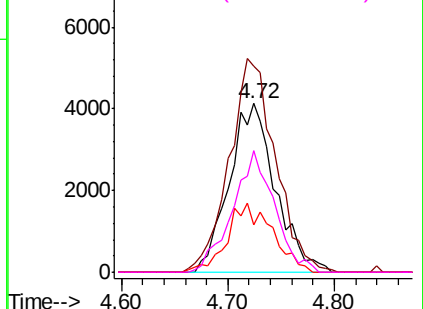
Acq: 09 Dec 2019 16:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	12537
Ion	Ratio	Lower	Upper
84	100		
49	122.1	101.3	151.9
51	28.1	30.6	45.8#
86	71.9	51.3	76.9



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



#28

Bromochloromethane

Concen: 2.041 ug/l

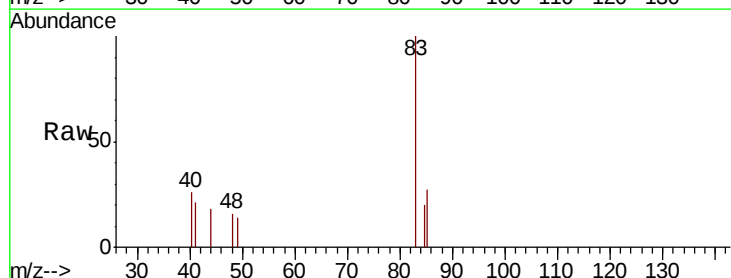
RT: 7.51 min Scan# 947

Delta R.T. 0.16 min

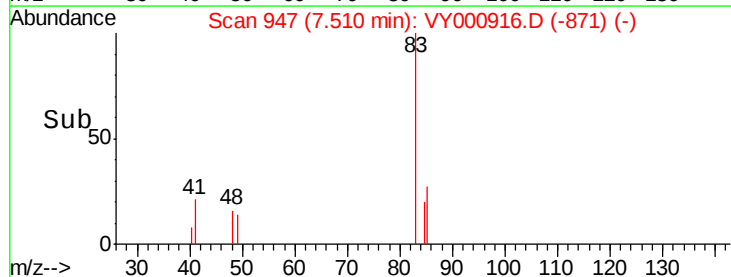
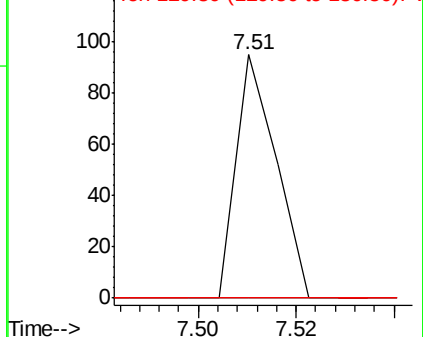
Lab File: VY000916.D

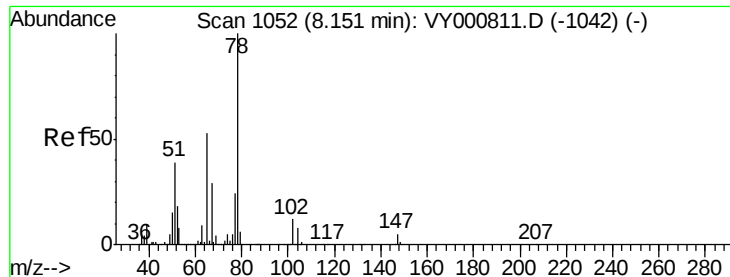
Acq: 09 Dec 2019 16:49

Tgt Ion:	49	Resp:	54
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#33

1,2-Dichloroethane-d4

Concen: 54.261 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000916.D

Acq: 09 Dec 2019 16:49

Instrument :

MSVOA_Y

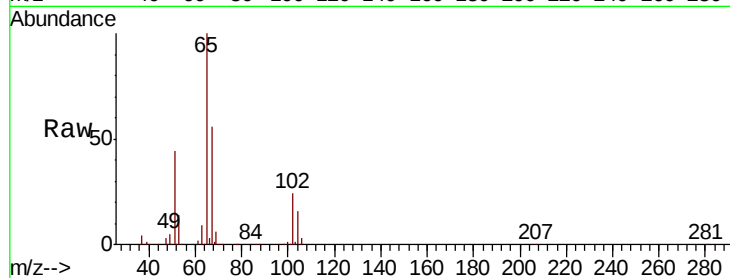
ClientSampleId :

Tot Ion: 65 Resp: 150677

Ion Ratio Lower Upper

65 100

67 55.0 0.0 112.0



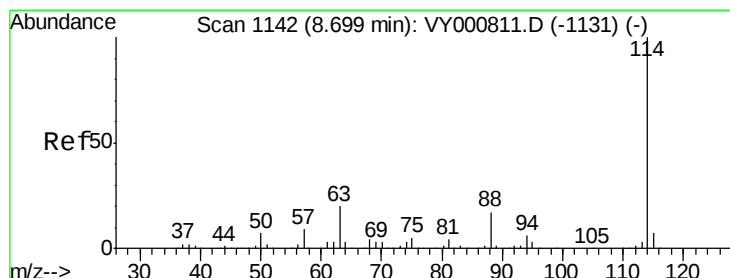
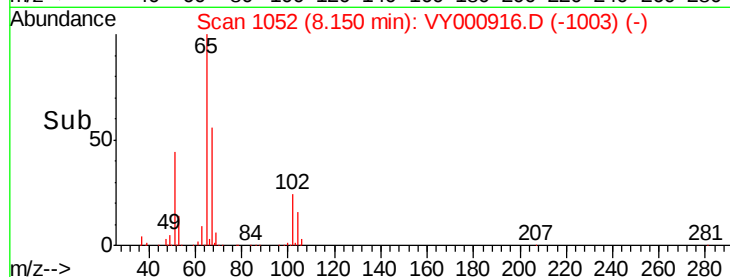
Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000916.D

Acq: 09 Dec 2019 16:49

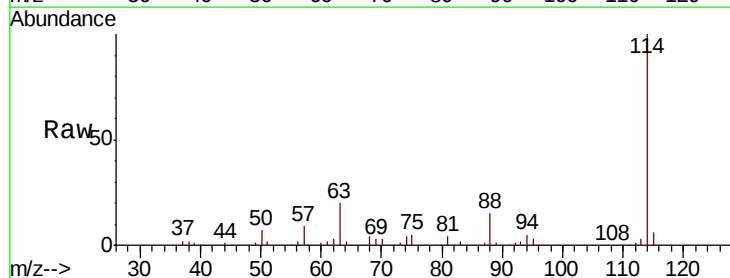
Tgt Ion: 114 Resp: 479170

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

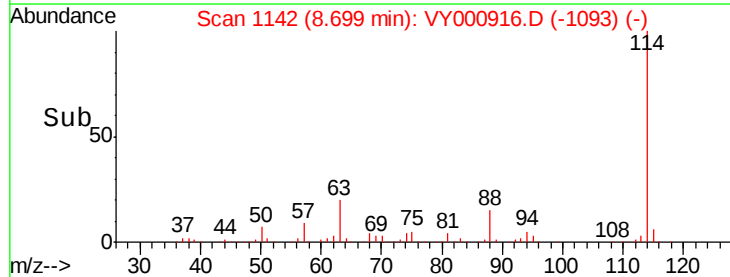
Ion 63.00 (62.70 to 63.70): VY0

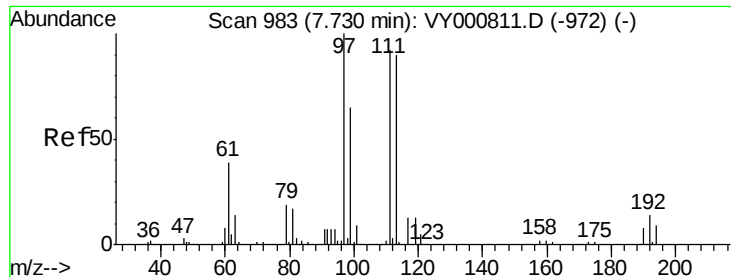
Ion 87.90 (87.60 to 88.60): VY0

8.70

8.60 8.70 8.80

Time-->

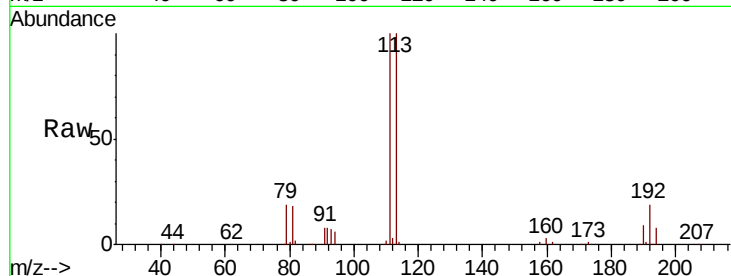




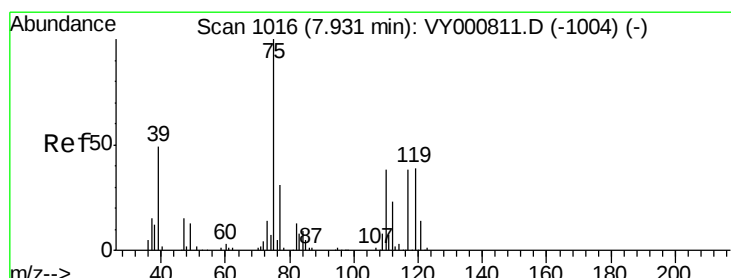
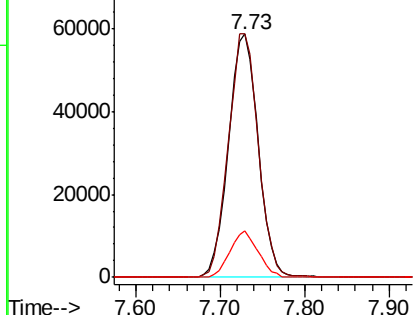
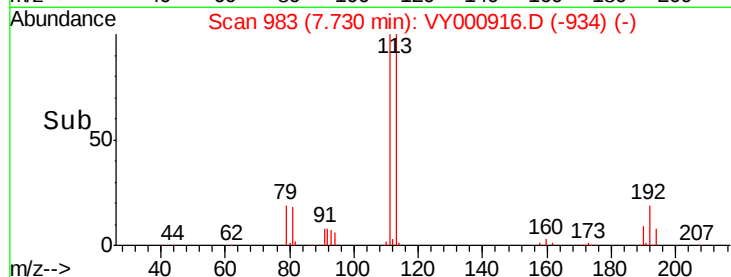
#35
 Dibromofluoromethane
 Concen: 50.024 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000916.D
 Acq: 09 Dec 2019 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.4	123.6
192	18.2	14.2	21.2

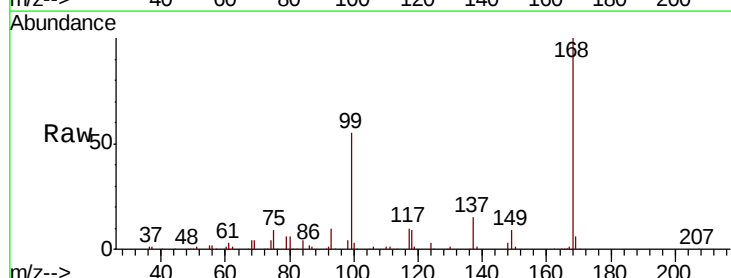


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

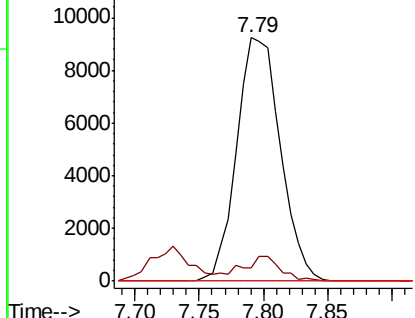
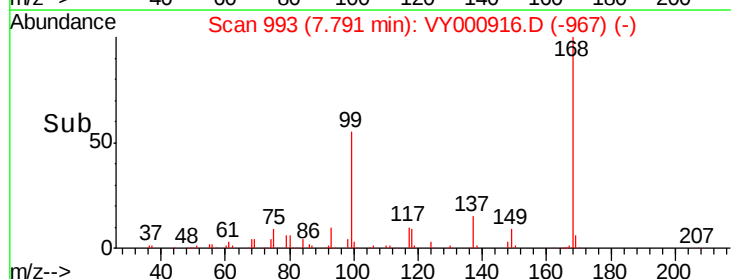


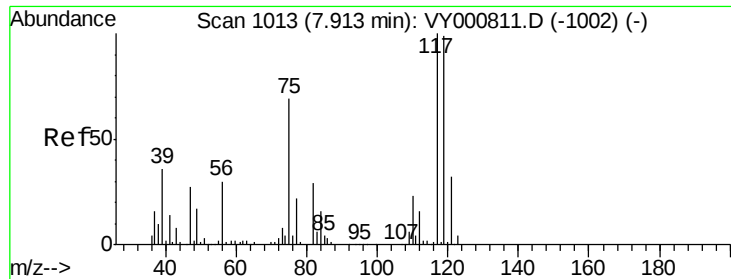
#36
 1,1-Dichloropropene
 Concen: 4.553 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY000916.D
 Acq: 09 Dec 2019 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.9	53.7#
77	0.0	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.061 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000916.D

Acq: 09 Dec 2019 16:49

Instrument :
MSVOA_Y
ClientSampleId :

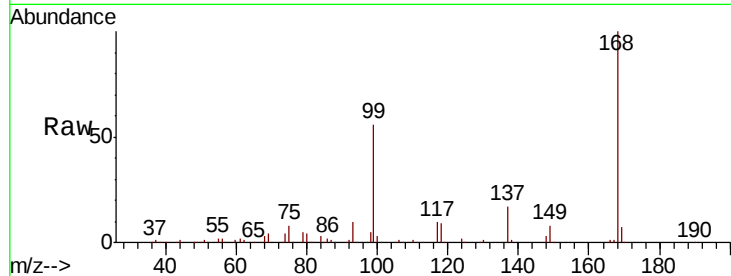
Tot Ion:117 Resp: 25719

Ion Ratio Lower Upper

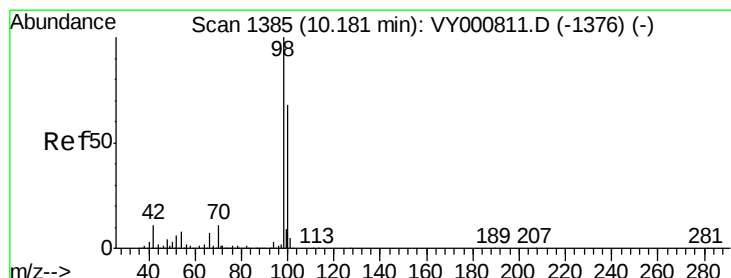
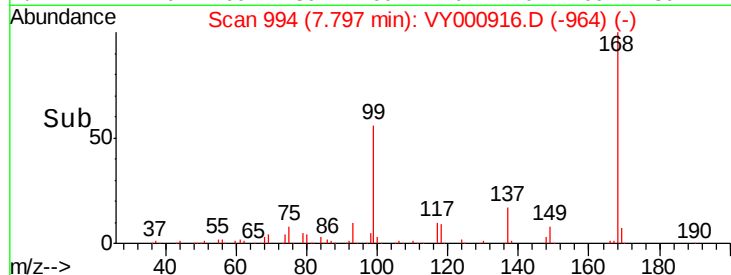
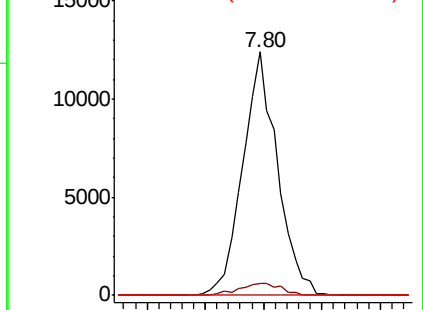
117 100

119 4.7 79.3 118.9#

121 0.0 25.5 38.3#



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



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000916.D

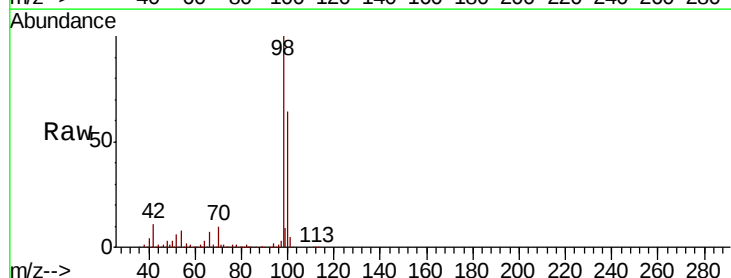
Acq: 09 Dec 2019 16:49

Tgt Ion: 98 Resp: 569188

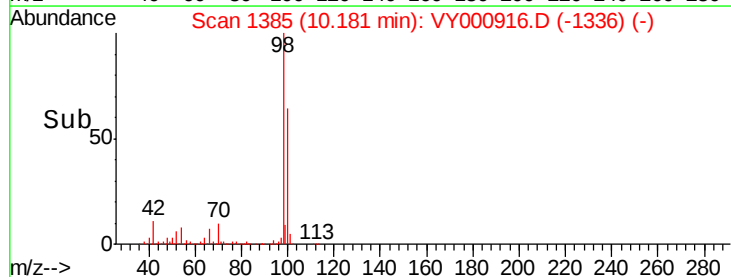
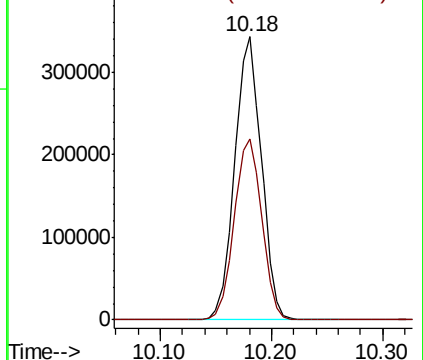
Ion Ratio Lower Upper

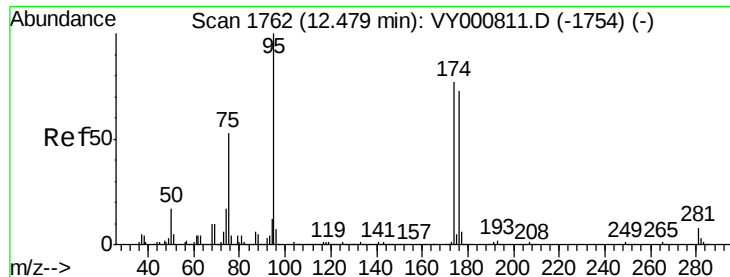
98 100

100 65.8 53.1 79.7



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

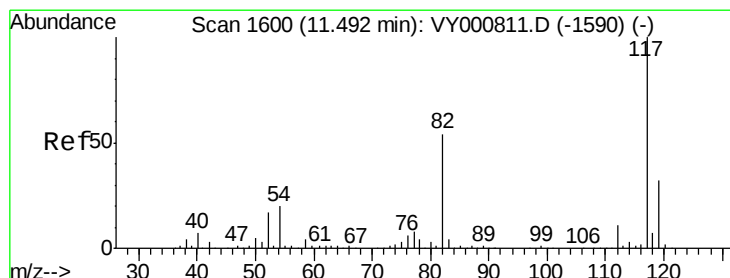
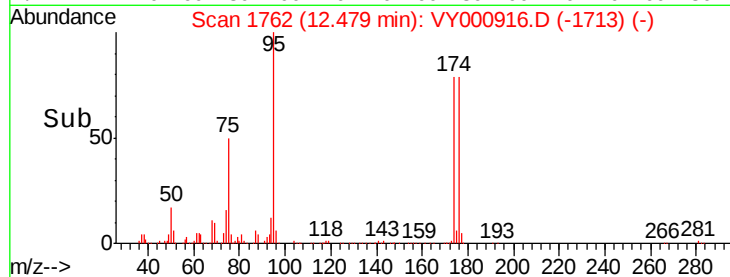
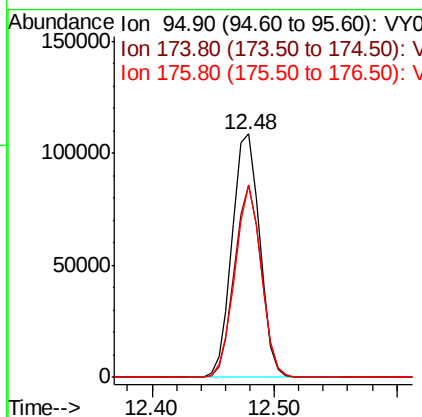
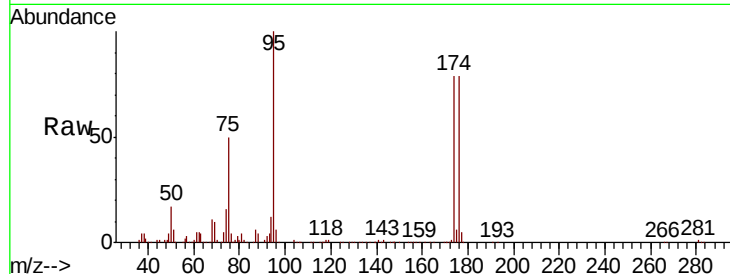




#62
4-Bromofluorobenzene
Concen: 40.361 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000916.D
Acq: 09 Dec 2019 16:49

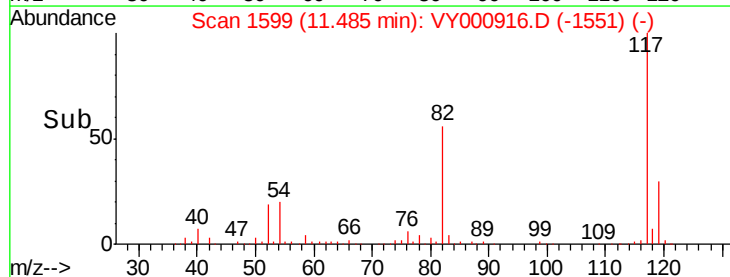
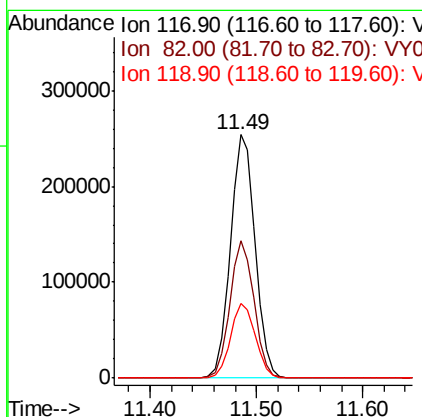
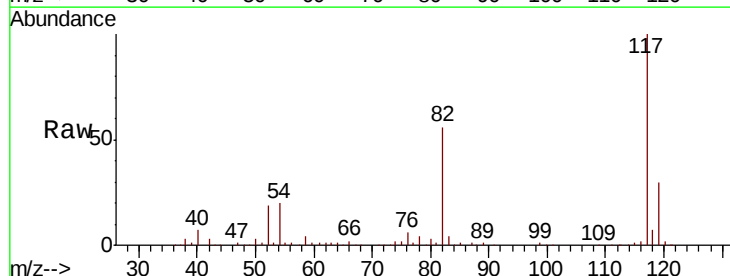
Instrument :
MSVOA_Y
ClientSampleId :

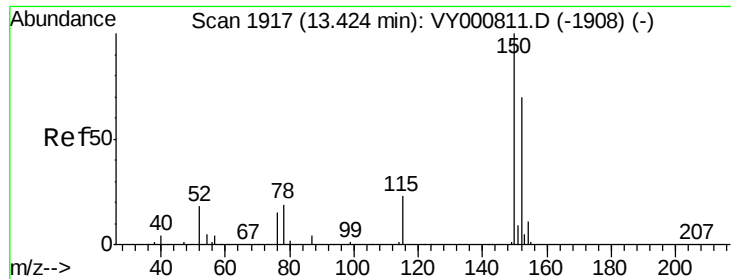
Tot Ion	95	Resp	169232
Ion Ratio	Lower	Upper	
95	100		
174	76.5	0.0	150.6
176	75.4	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000916.D
Acq: 09 Dec 2019 16:49

Tgt Ion	117	Resp	411423
Ion Ratio	Lower	Upper	
117	100		
82	56.2	43.1	64.7
119	30.4	25.3	37.9



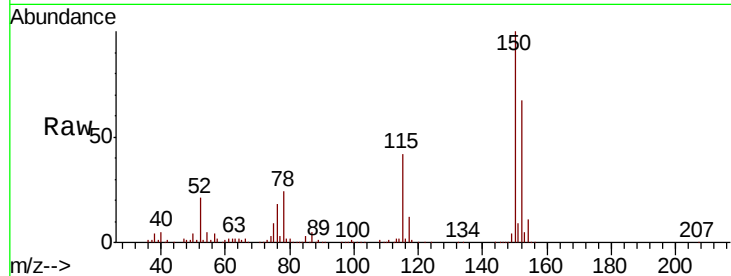


#72

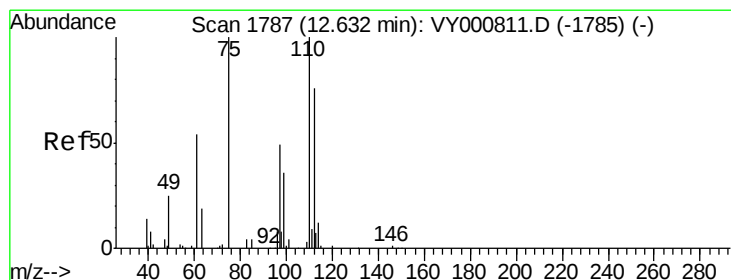
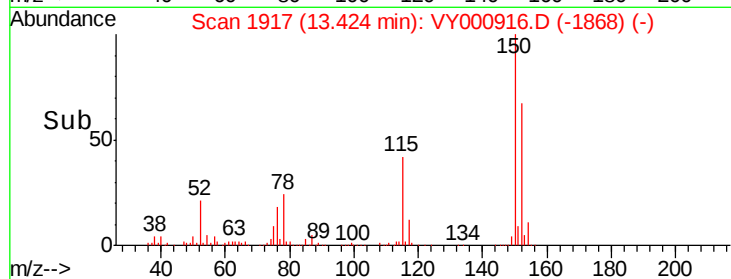
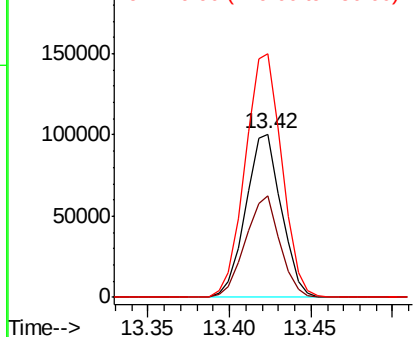
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000916.D
Acq: 09 Dec 2019 16:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.3	87.8
150	153.9	0.0	351.2



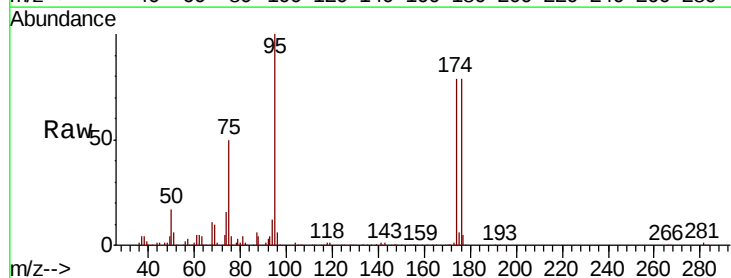
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



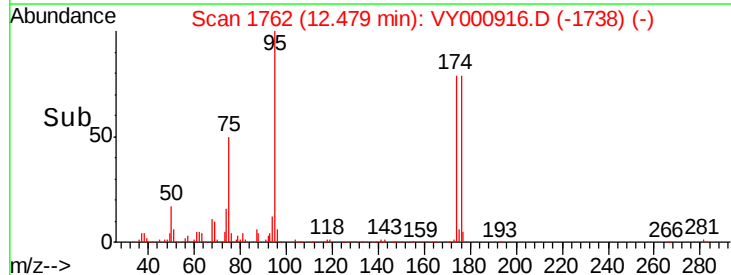
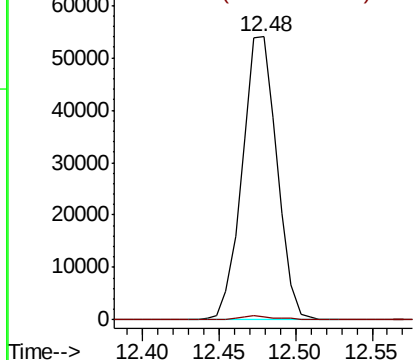
#76

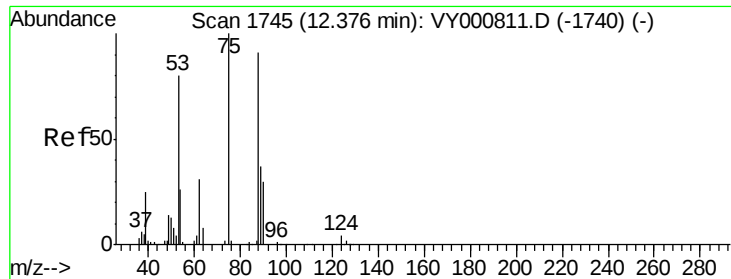
1,2,3-Trichloropropane
Concen: 49.094 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000916.D
Acq: 09 Dec 2019 16:49

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: 96.436 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000916.D

Acq: 09 Dec 2019 16:49

Instrument :

MSVOA_Y

ClientSampleId :

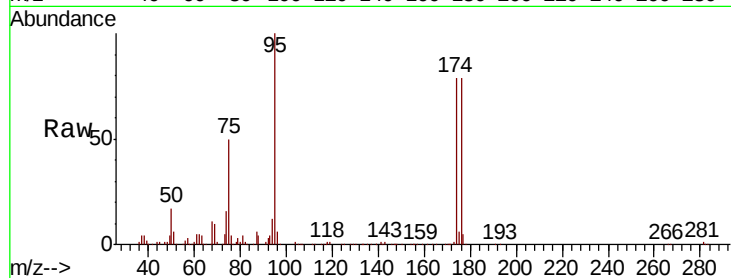
Tot Ion: 75 Resp: 85015

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#



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

