

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000922.D
 Acq On : 09 Dec 2019 19:02
 Operator : SY/MD
 Sample : K6204-10
 Misc : 5.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:26:33 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

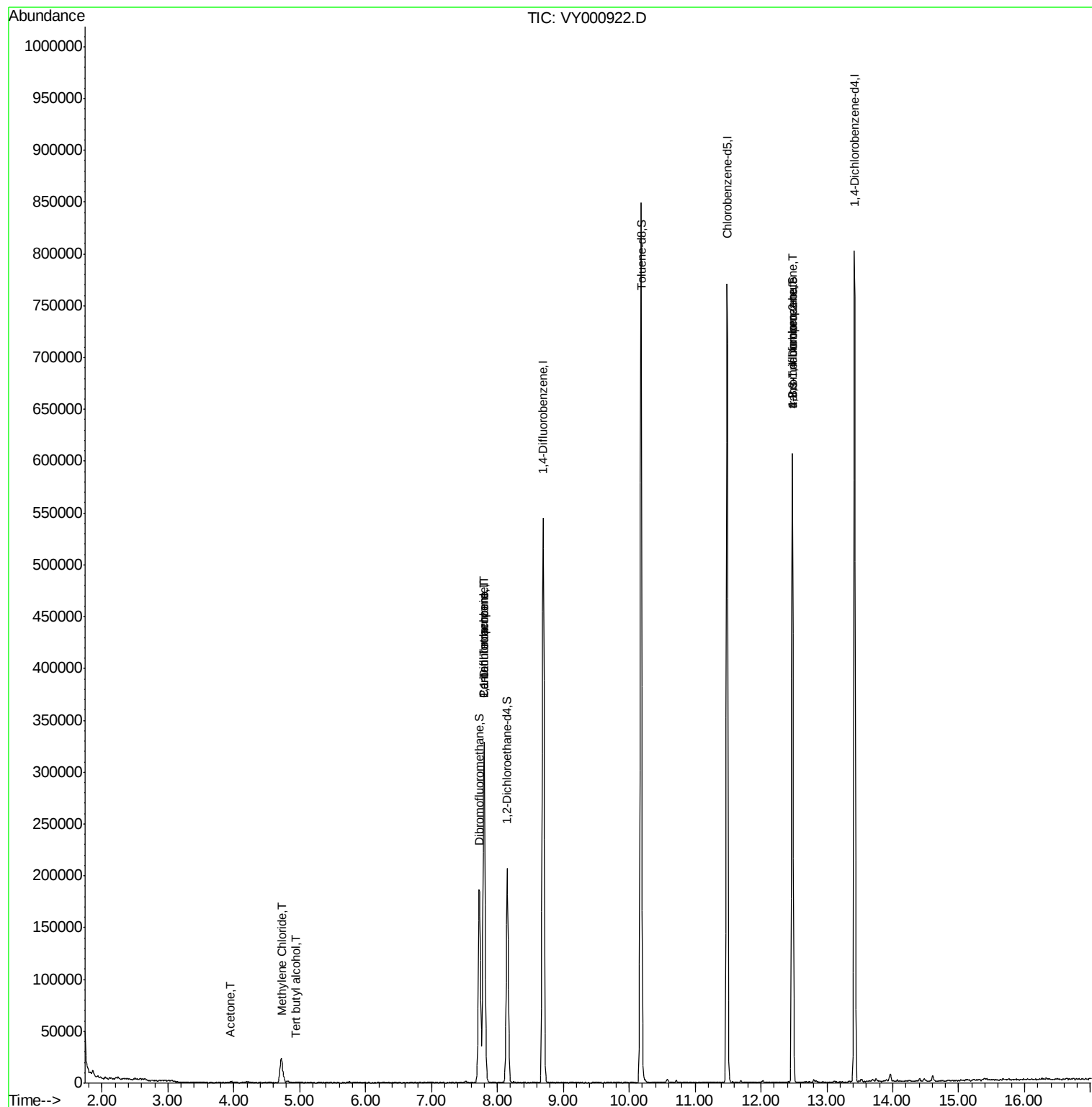
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	252103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	464545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152506	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
35) Dibromofluoromethane	7.73	113	135636	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.18	98	550384	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.48	95	189707	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.65	94	63	Below Cal	#	3
11) Tert butyl alcohol	4.95	59	329	1.221	ug/l #	74
16) Acetone	3.95	43	1812	2.949	ug/l #	57
20) Methylene Chloride	4.73	84	17697	5.463	ug/l	87
36) 1,1-Dichloropropene	7.80	75	20636	4.468	ug/l #	44
38) Carbon Tetrachloride	7.80	117	25712	6.251	ug/l #	13
76) 1,2,3-Trichloropropane	12.47	75	97995	43.910	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	97995	86.252	ug/l #	17

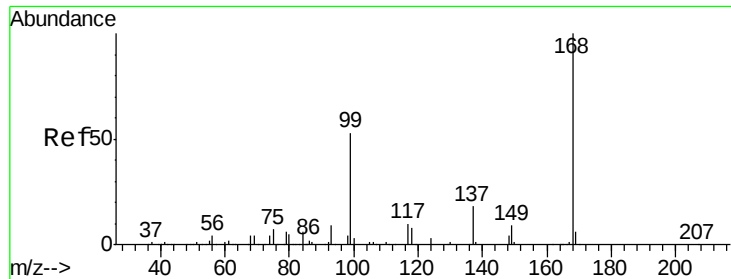
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 10 06:26:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
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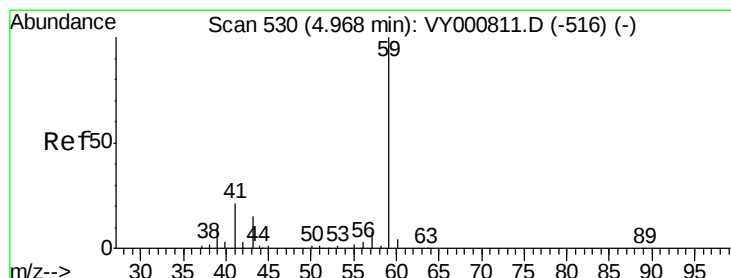
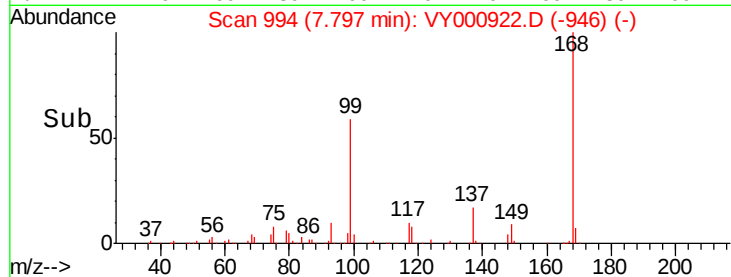
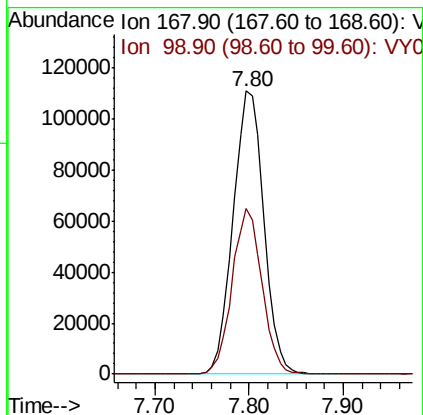
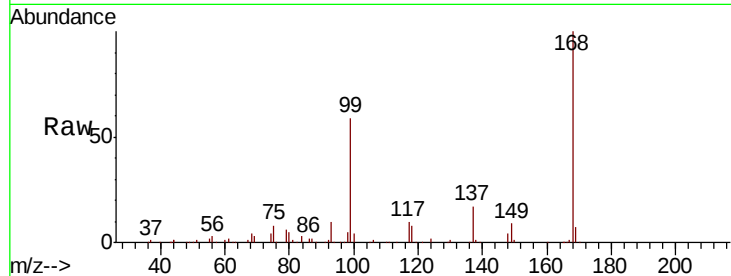




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000922.D
 Acq: 09 Dec 2019 19:02

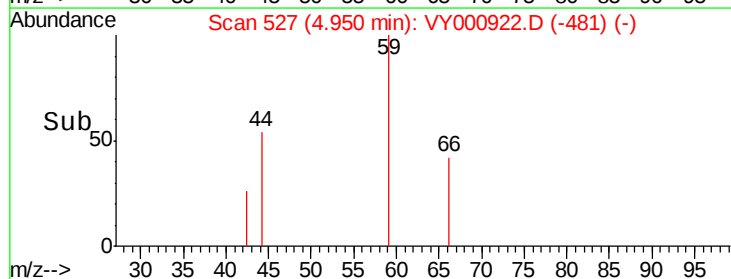
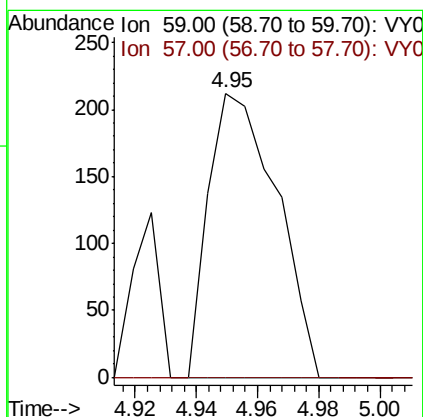
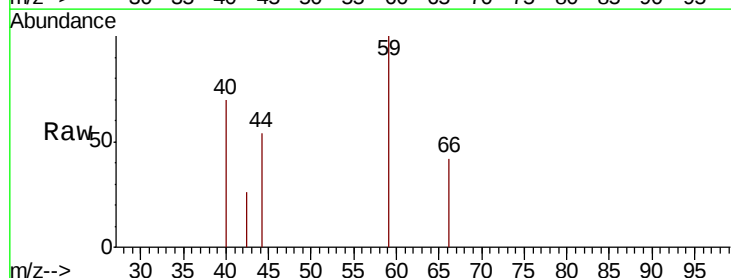
Instrument :
 MSVOA_Y
 ClientSampleId :

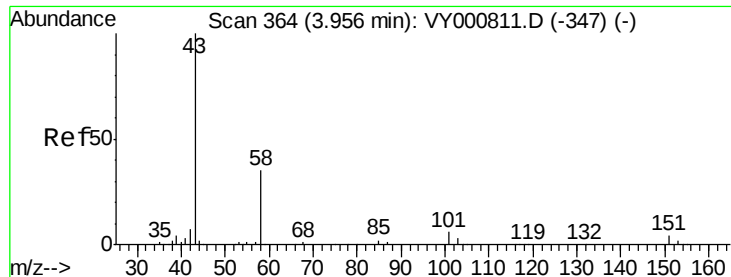
Tot Ion:168 Resp: 252103
 Ion Ratio Lower Upper
 168 100
 99 58.7 45.0 67.6



#11
 Tert butyl alcohol
 Concen: 1.221 ug/l
 RT: 4.95 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: VY000922.D
 Acq: 09 Dec 2019 19:02

Tgt Ion: 59 Resp: 329
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#





#16

Acetone

Concen: 2.949 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000922.D

Acq: 09 Dec 2019 19:02

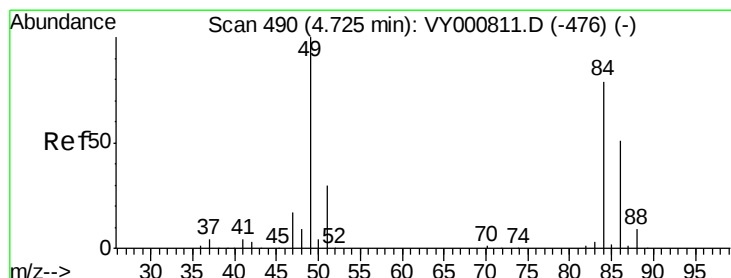
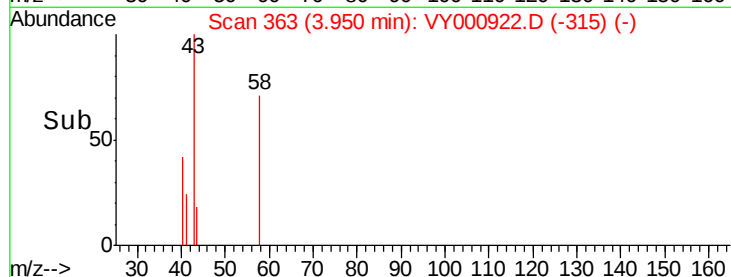
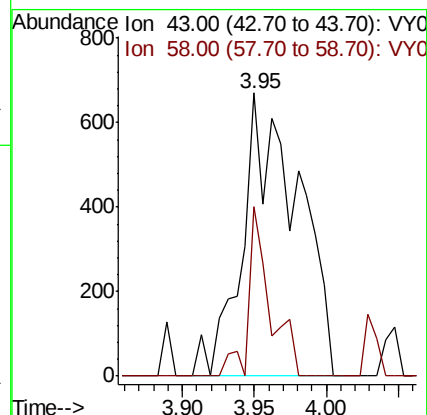
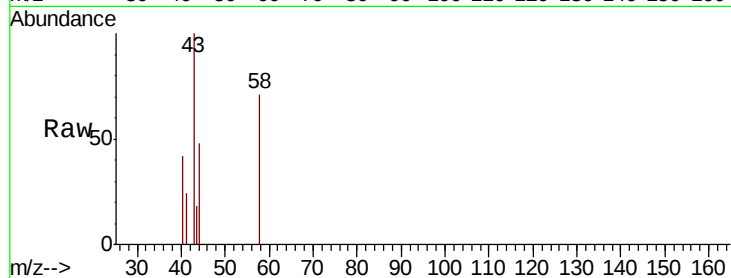
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1812

Ion Ratio Lower Upper

43 100

58 59.9 28.0 42.0#



#20

Methylene Chloride

Concen: 5.463 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000922.D

Acq: 09 Dec 2019 19:02

Tgt Ion: 84 Resp: 17697

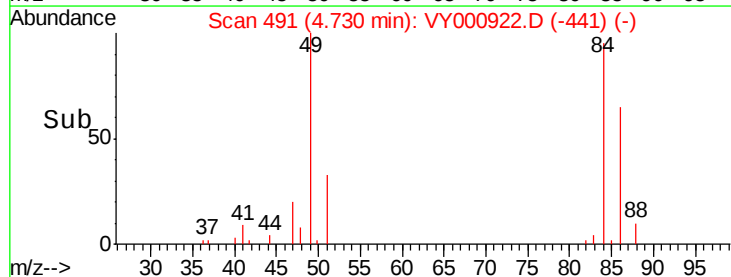
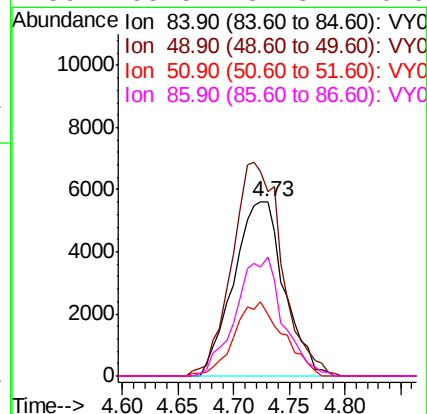
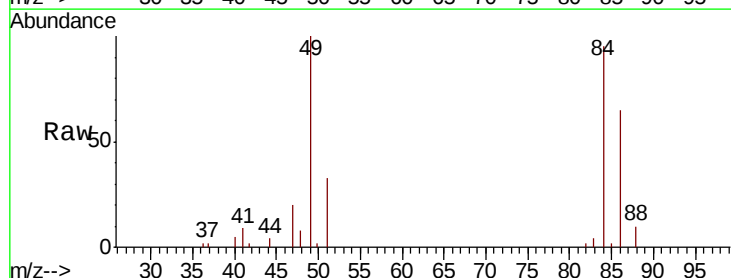
Ion Ratio Lower Upper

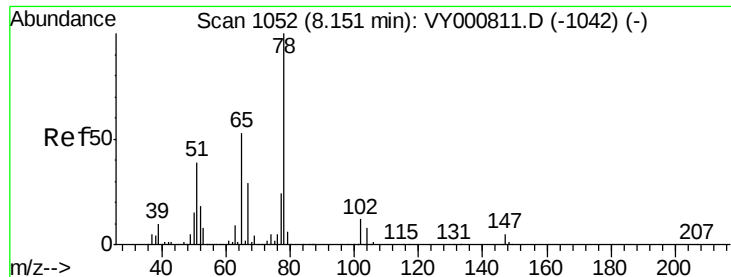
84 100

49 105.5 101.3 151.9

51 35.3 30.6 45.8

86 68.5 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 56.931 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000922.D

Acq: 09 Dec 2019 19:02

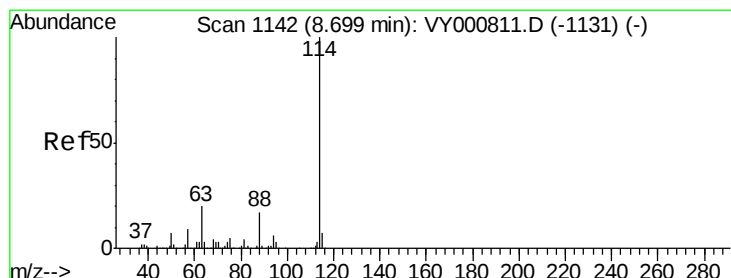
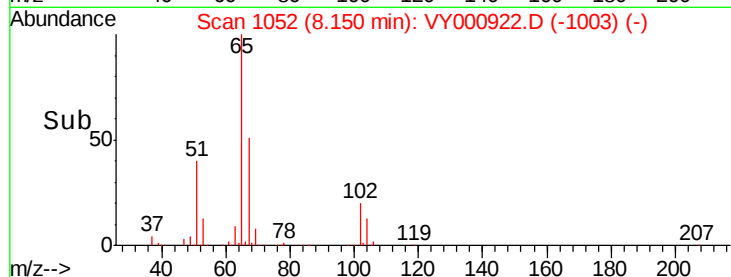
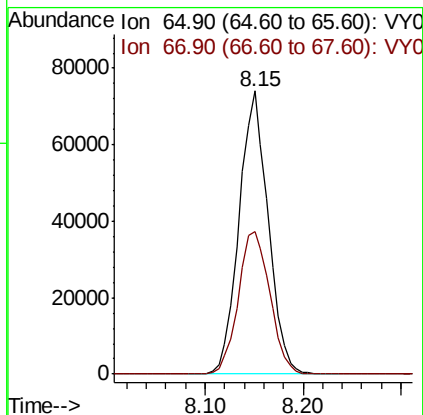
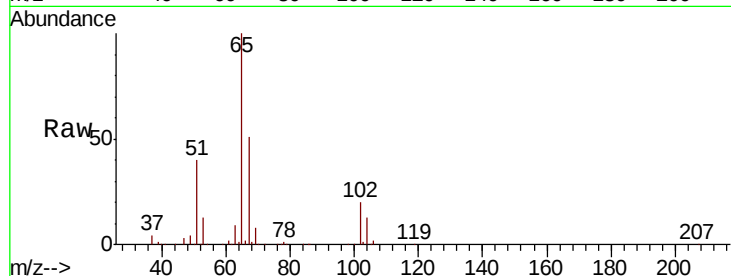
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 152506

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000922.D

Acq: 09 Dec 2019 19:02

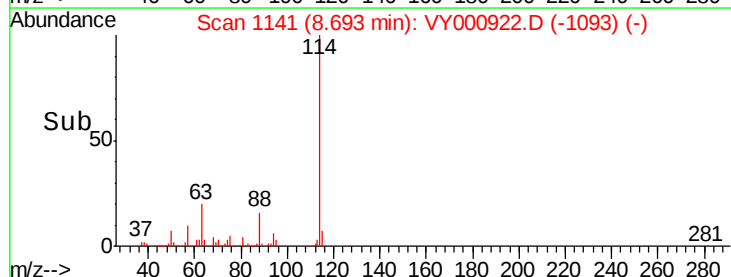
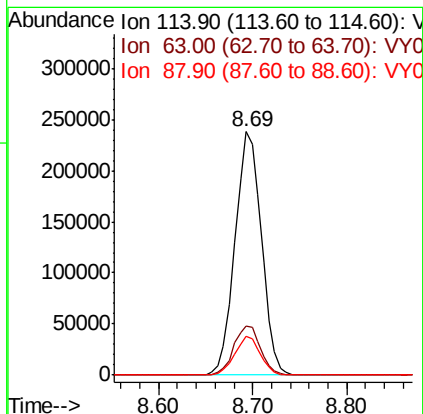
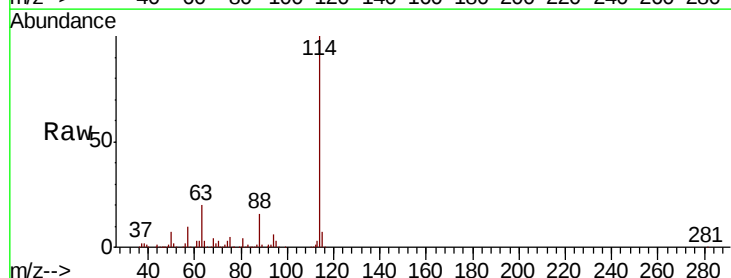
Tgt Ion: 114 Resp: 464545

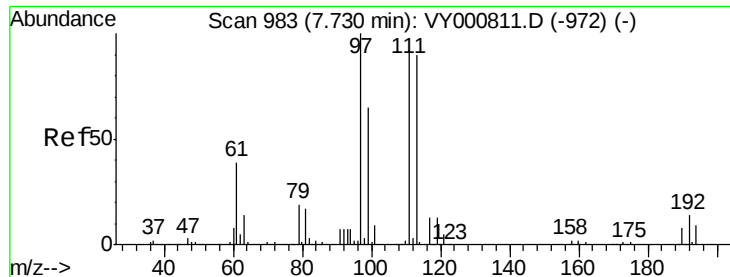
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 16.1 0.0 33.2

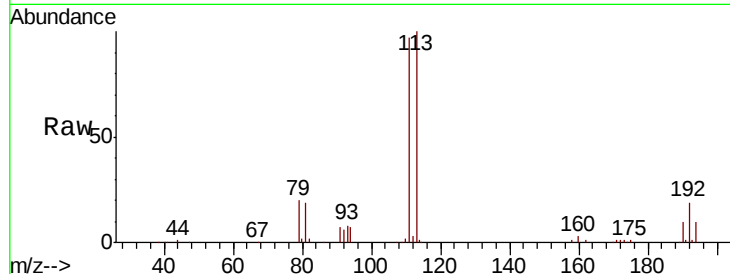




#35
 Dibromofluoromethane
 Concen: 50.099 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000922.D
 Acq: 09 Dec 2019 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	18.2	14.2	21.2

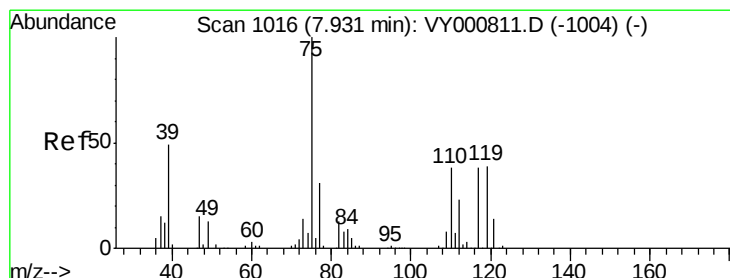
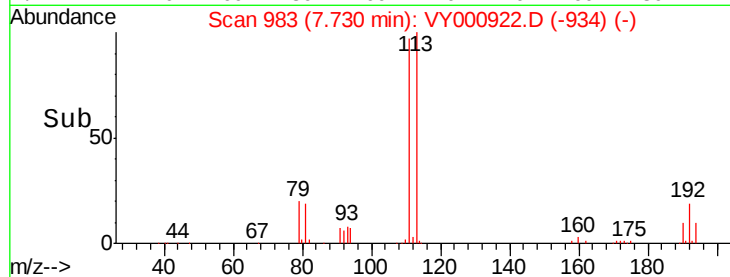
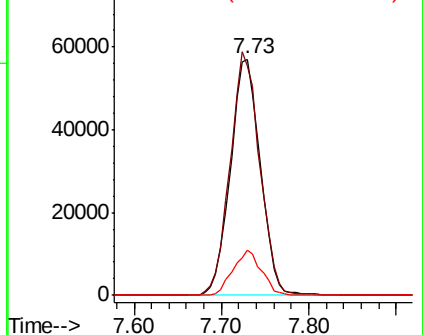


Abundance

Ion 112.80 (112.50 to 113.50): V

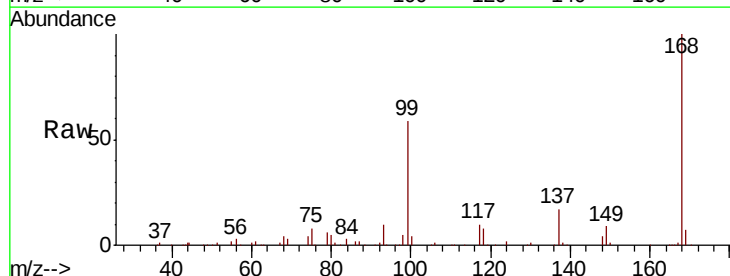
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000922.D
 Acq: 09 Dec 2019 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.1	17.9	53.7#
77	0.0	24.7	37.1#

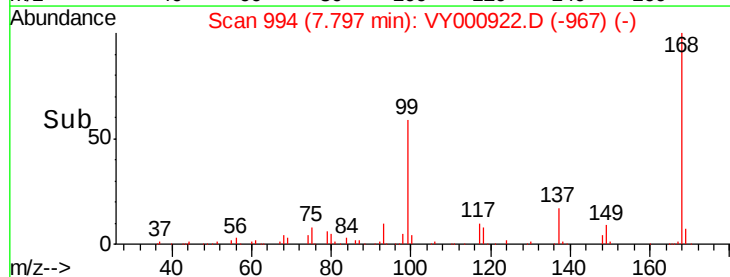
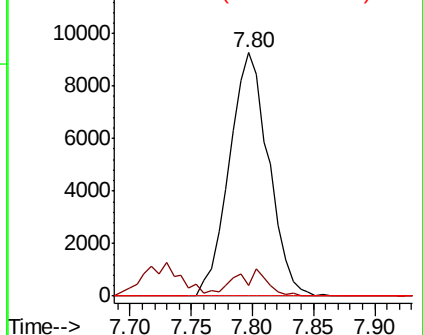


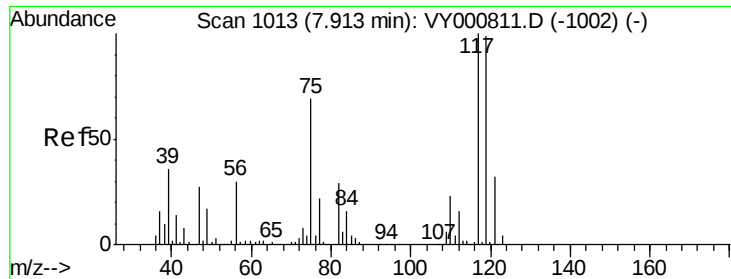
Abundance

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

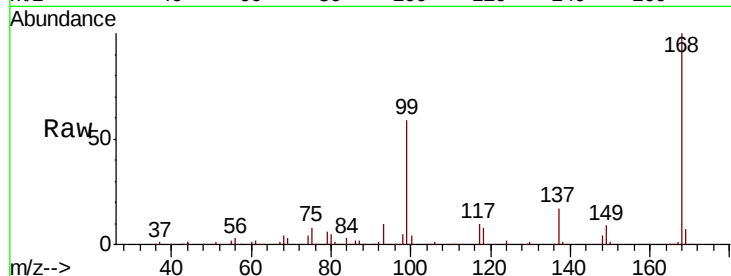




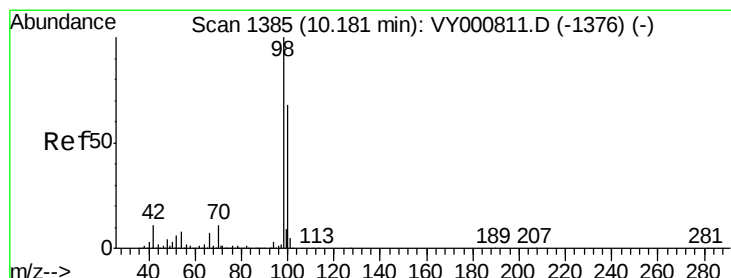
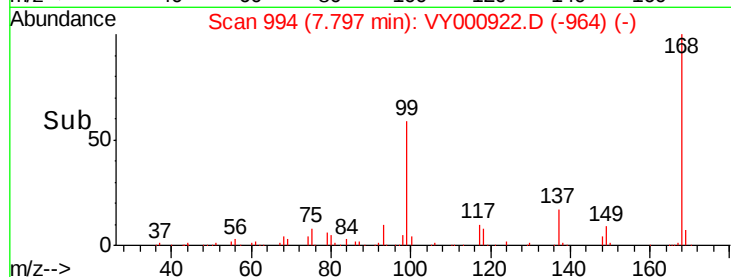
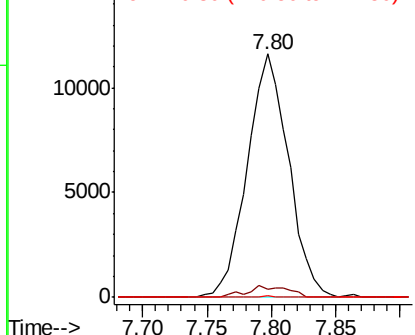
#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000922.D
Acq: 09 Dec 2019 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 25712
Ion Ratio Lower Upper
117 100
119 3.2 79.3 118.9#
121 0.5 25.5 38.3#

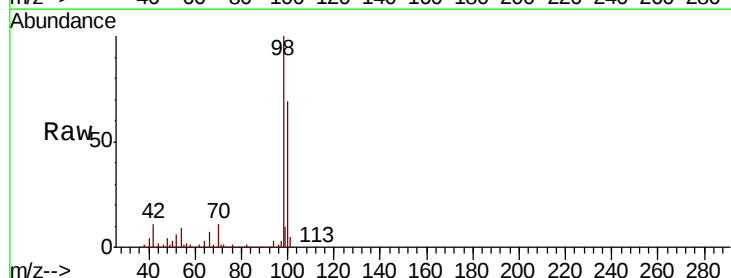


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

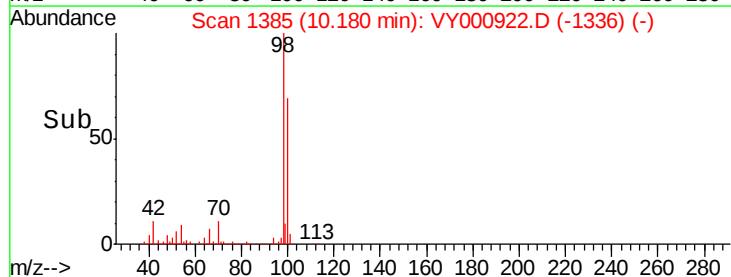
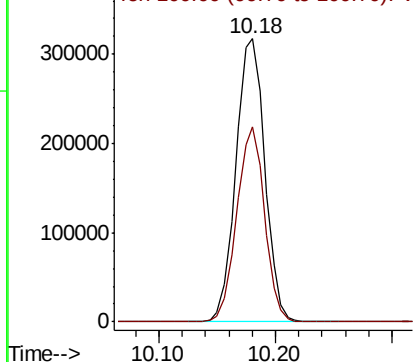


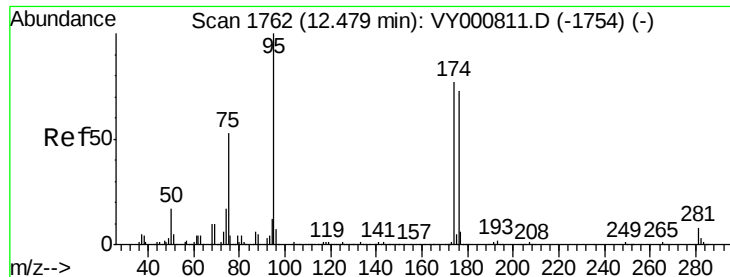
#50
Toluene-d8
Concen: 50.849 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000922.D
Acq: 09 Dec 2019 19:02

Tgt Ion: 98 Resp: 550384
Ion Ratio Lower Upper
98 100
100 66.3 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: 46.669 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000922.D

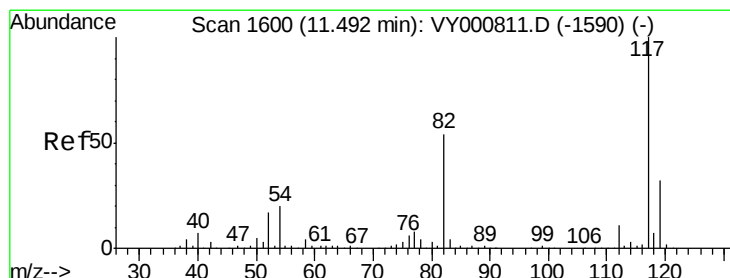
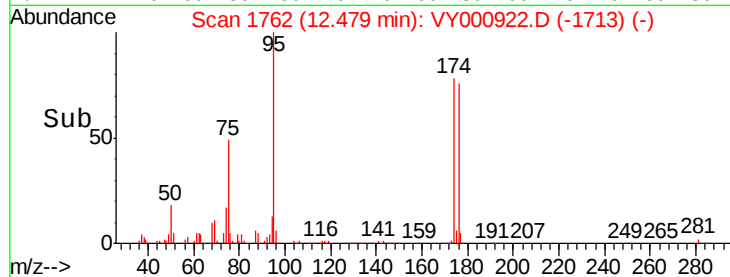
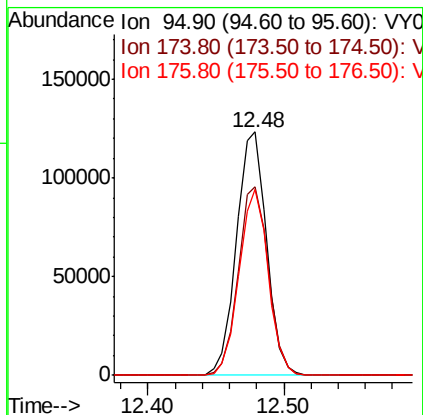
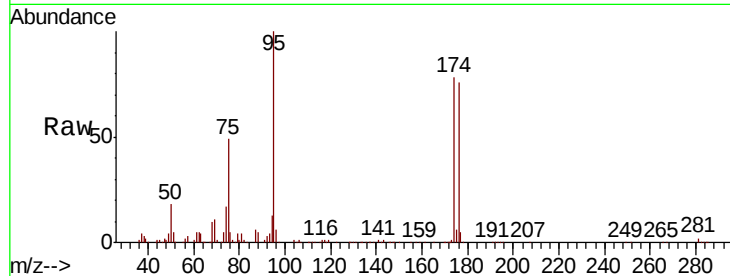
Acq: 09 Dec 2019 19:02

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	95	Resp:	189707
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	150.6
176	74.2	0.0	145.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

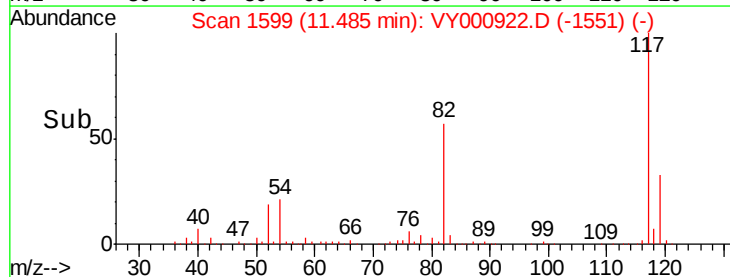
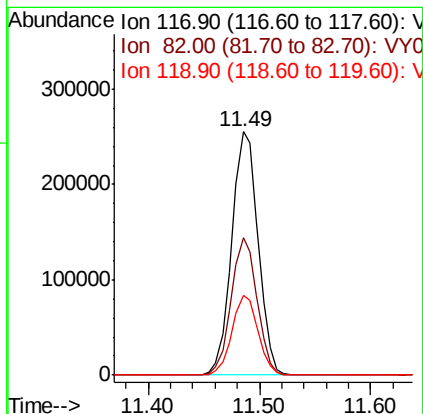
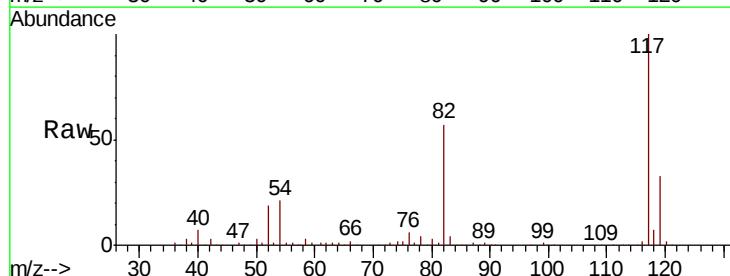
RT: 11.49 min Scan# 1599

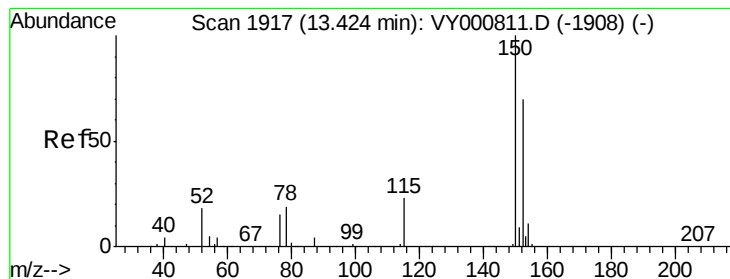
Delta R.T. -0.01 min

Lab File: VY000922.D

Acq: 09 Dec 2019 19:02

Tgt Ion:	117	Resp:	417978
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.1	64.7
119	32.5	25.3	37.9



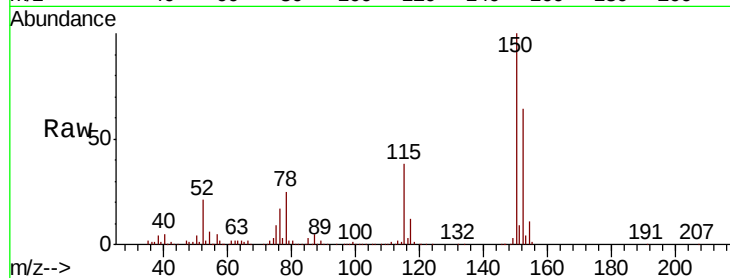


#72

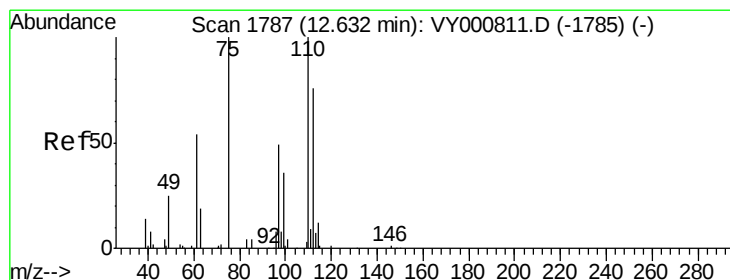
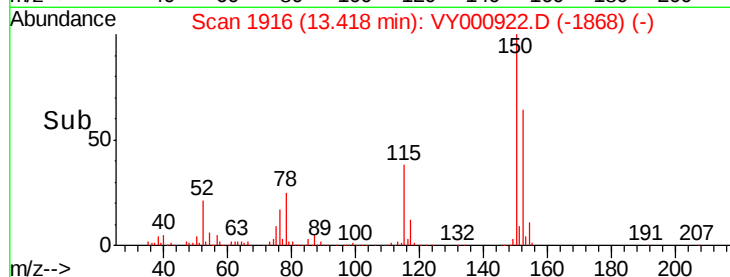
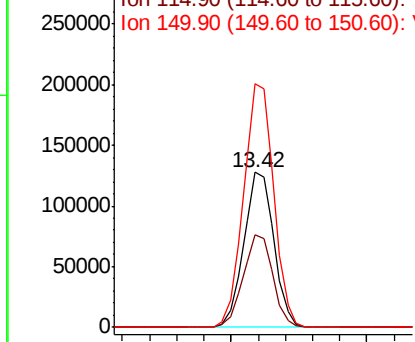
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000922.D
Acq: 09 Dec 2019 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.8
150	157.8	0.0	351.2



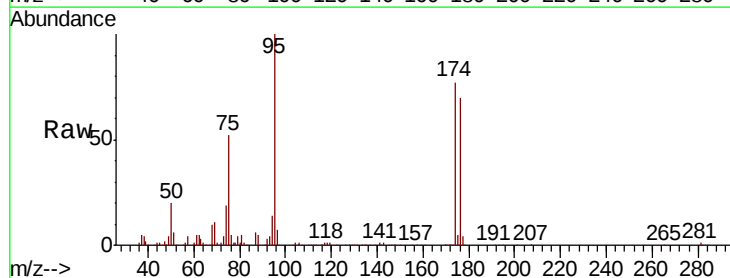
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



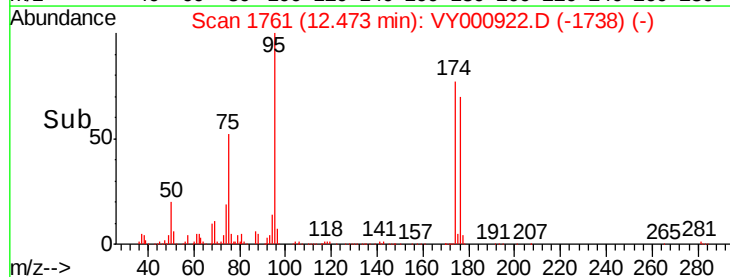
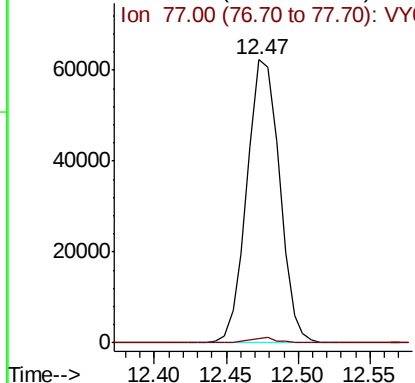
#76

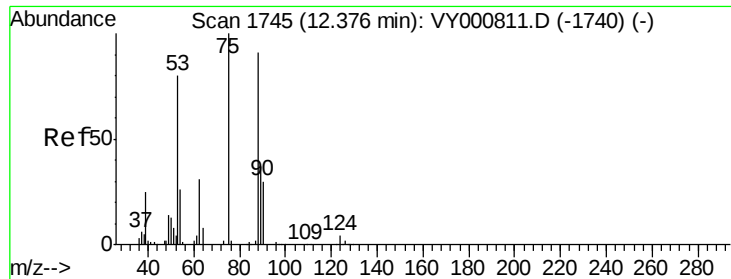
1,2,3-Trichloropropane
Concen: 43.910 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000922.D
Acq: 09 Dec 2019 19:02

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: 86.252 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000922.D

Acq: 09 Dec 2019 19:02

Instrument :

MSVOA_Y

ClientSampleId :

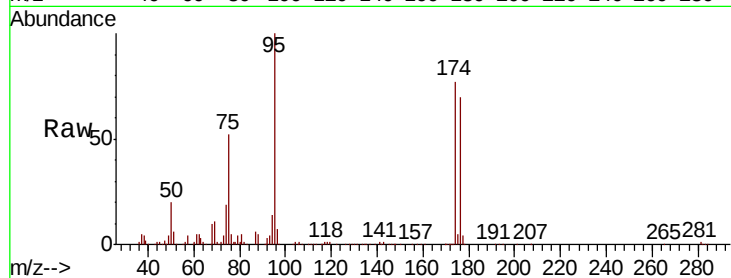
Tot Ion: 75 Resp: 97995

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 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

