

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000920.D
 Acq On : 09 Dec 2019 18:17
 Operator : SY/MD
 Sample : K6204-08
 Misc : 10.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:26:17 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

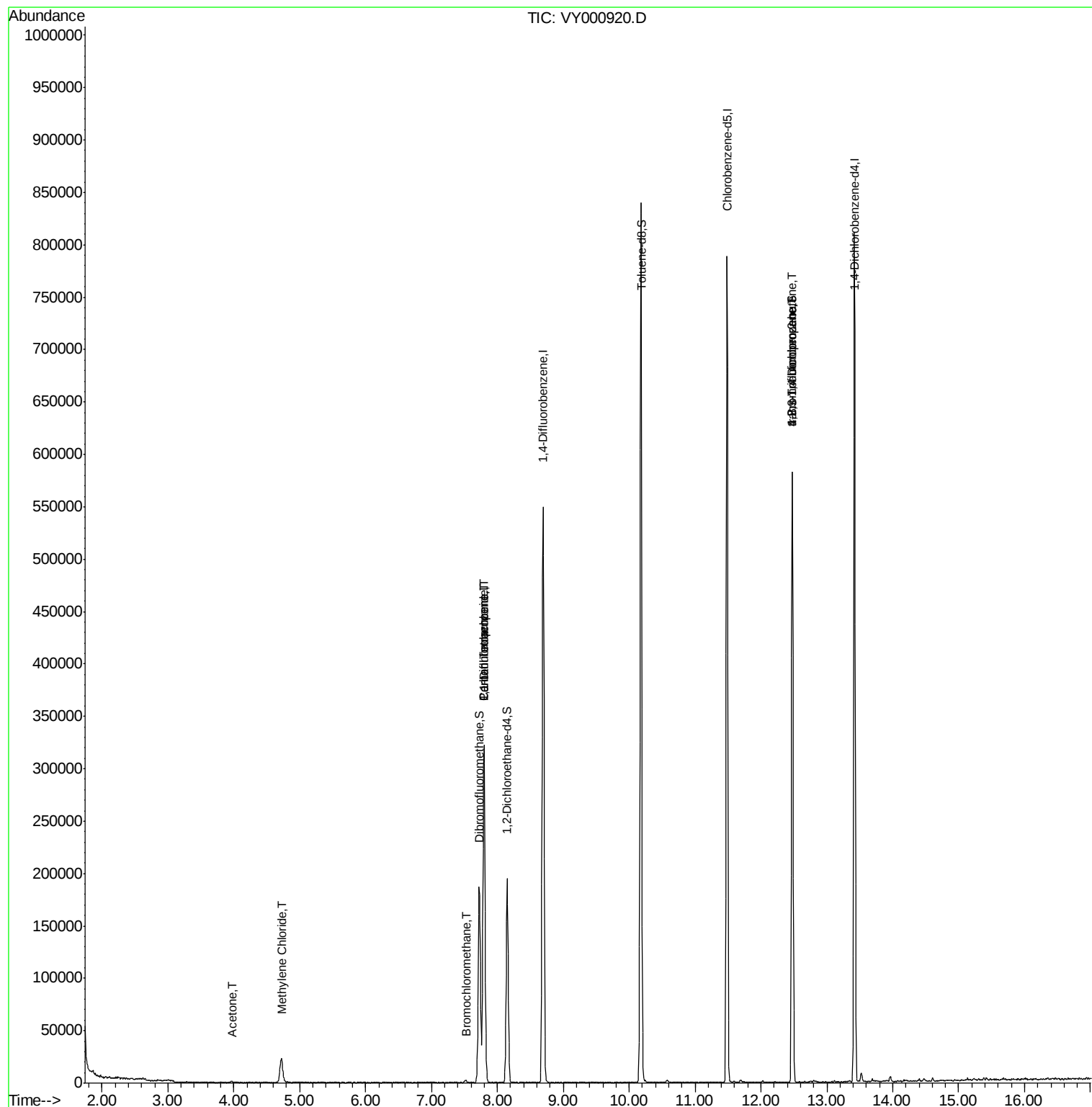
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	467764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	418939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	144274	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.72	113	135403	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.18	98	556175	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.47	95	191022	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.63	94	20	Below Cal	#	3
16) Acetone	3.97	43	1542	2.554	ug/l #	64
20) Methylene Chloride	4.72	84	16654	5.233	ug/l	95
28) Bromochloromethane	7.53	49	44	2.037	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	21513	4.625	ug/l #	51
38) Carbon Tetrachloride	7.79	117	23603	5.698	ug/l #	14
76) 1,2,3-Trichloropropane	12.47	75	97286	44.631	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	97286	87.669	ug/l #	17

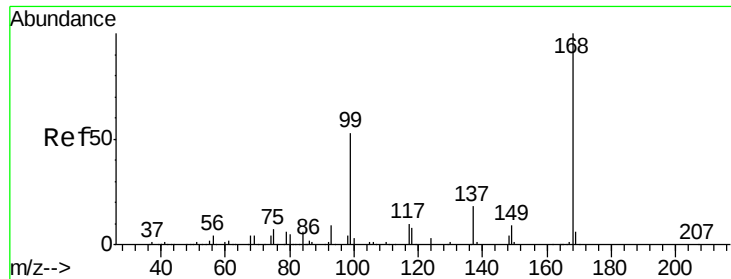
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
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: VY000920.D

Acq: 09 Dec 2019 18:17

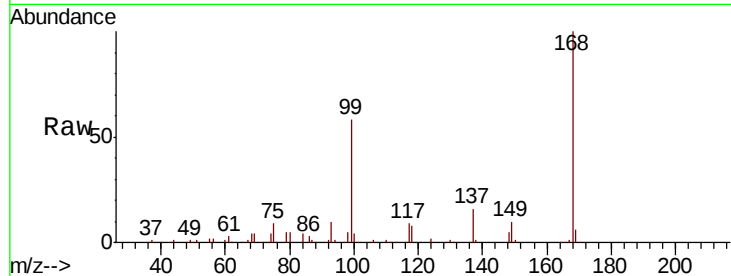
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 247697

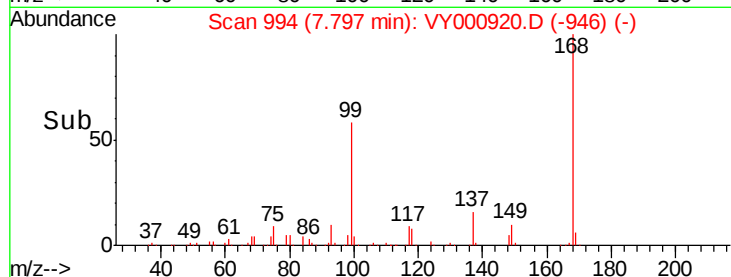
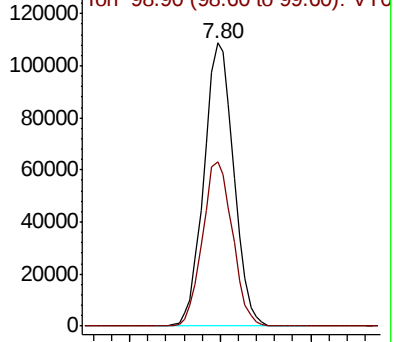
Ion Ratio Lower Upper

168 100

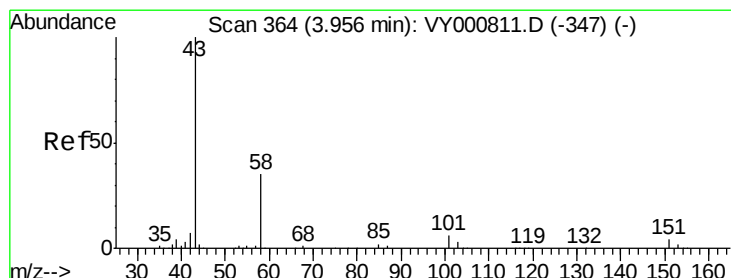
99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000920.D (-946) (-)



Time-->



#16

Acetone

Concen: 2.554 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000920.D

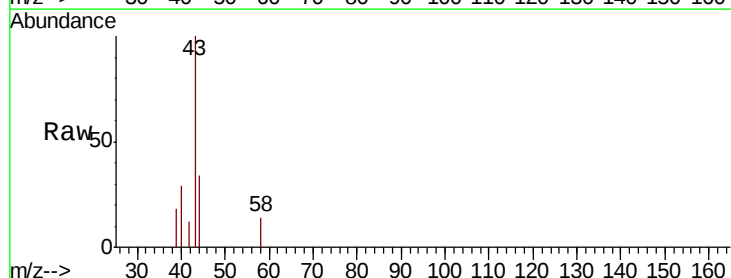
Acq: 09 Dec 2019 18:17

Tgt Ion: 43 Resp: 1542

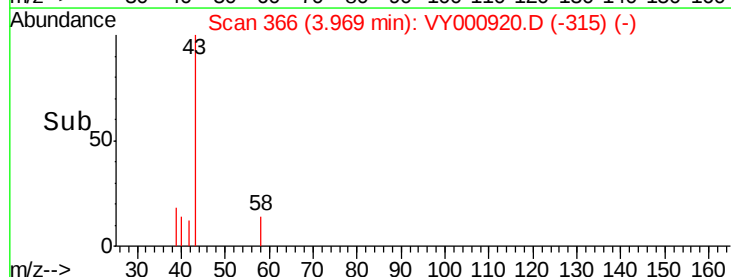
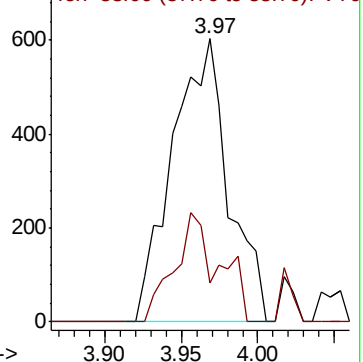
Ion Ratio Lower Upper

43 100

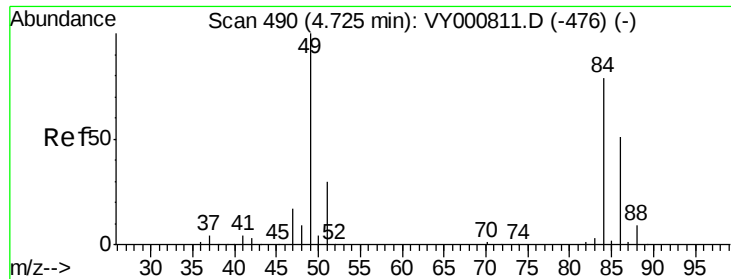
58 13.9 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000920.D (-315) (-)



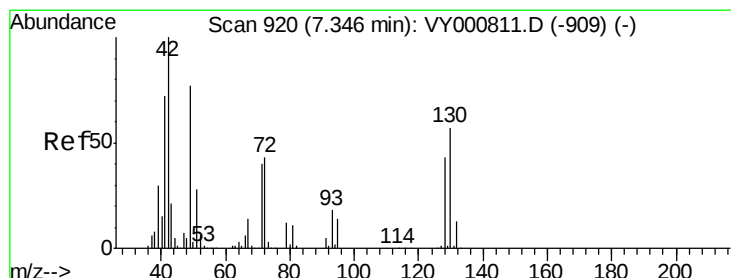
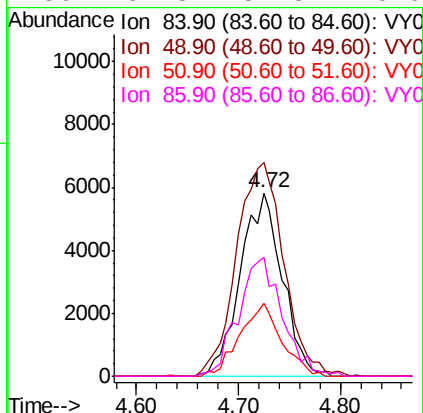
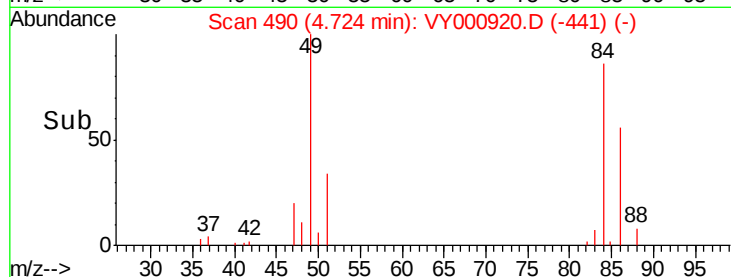
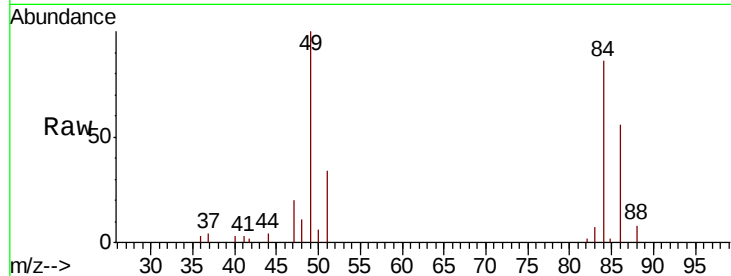
Time-->



#20
Methylene Chloride
Concen: 5.233 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000920.D
Acq: 09 Dec 2019 18:17

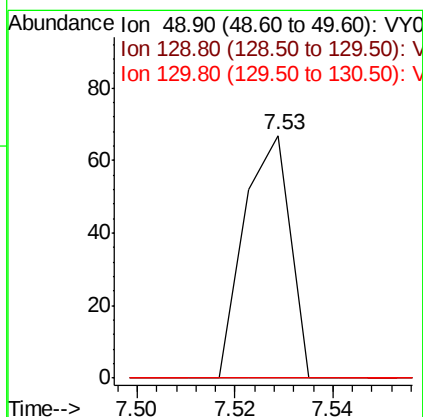
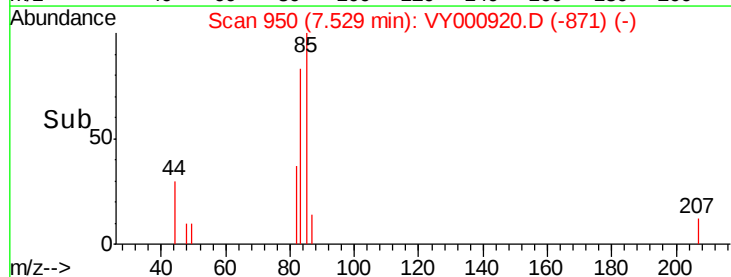
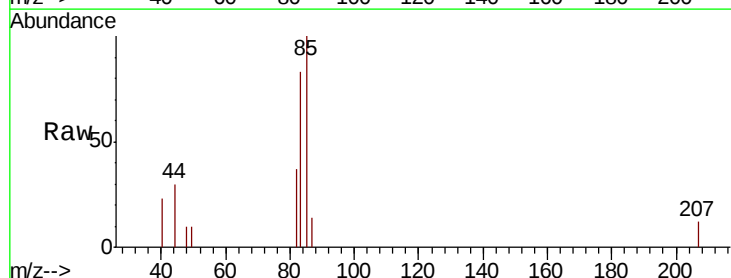
Instrument :
MSVOA_Y
ClientSampled :

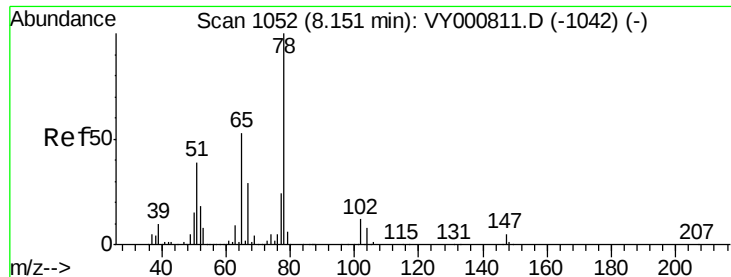
Tot Ion: 84 Resp: 16654
Ion Ratio Lower Upper
84 100
49 116.7 101.3 151.9
51 39.7 30.6 45.8
86 64.8 51.3 76.9



#28
Bromochloromethane
Concen: 2.037 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.18 min
Lab File: VY000920.D
Acq: 09 Dec 2019 18:17

Tgt Ion: 49 Resp: 44
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#





#33

1,2-Dichloroethane-d4

Concen: 54.816 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000920.D

Acq: 09 Dec 2019 18:17

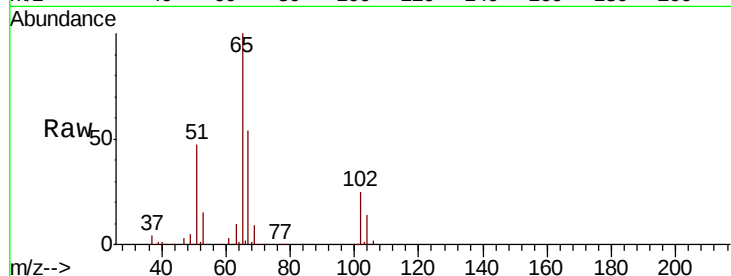
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 144274

Ion Ratio Lower Upper

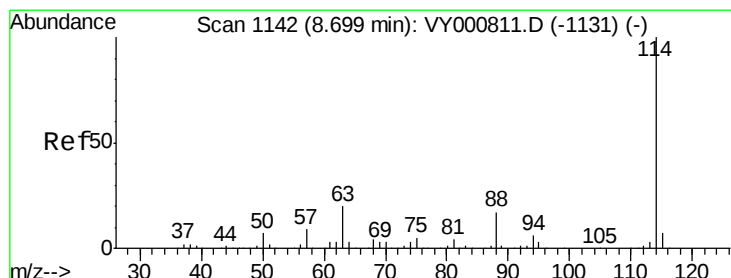
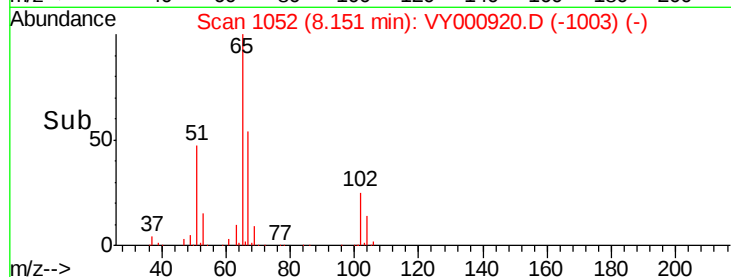
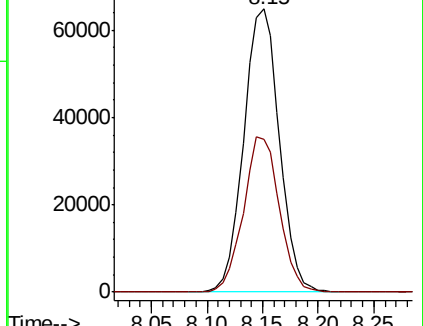
65 100

67 55.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000920.D

Acq: 09 Dec 2019 18:17

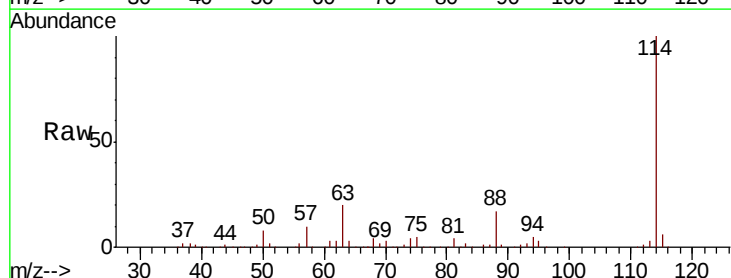
Tgt Ion: 114 Resp: 467764

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

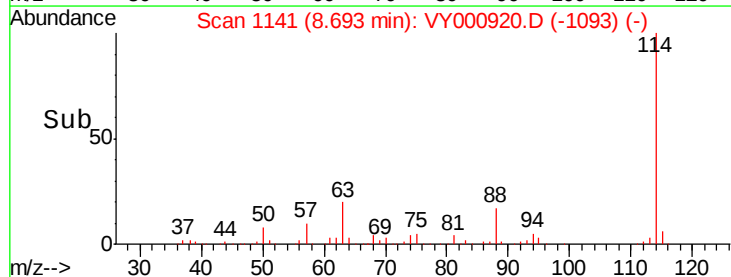
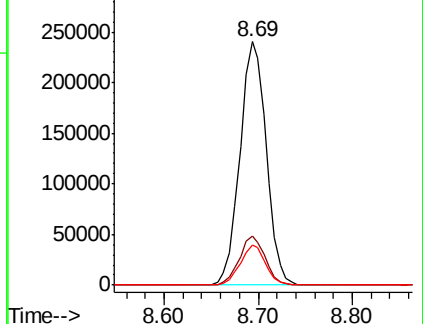
88 16.5 0.0 33.2

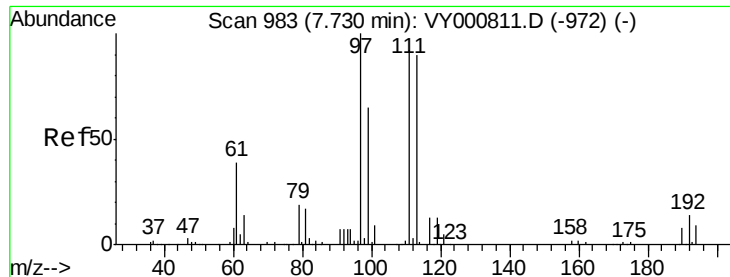


Abundance Ion 113.90 (113.60 to 114.60): VY000811.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY000811.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY000811.D (-1131) (-)

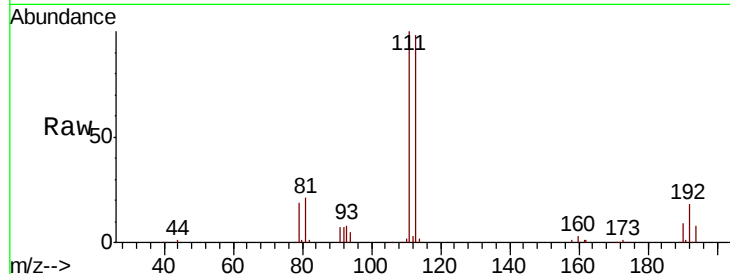




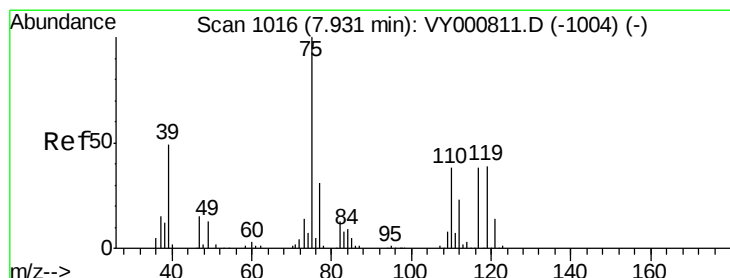
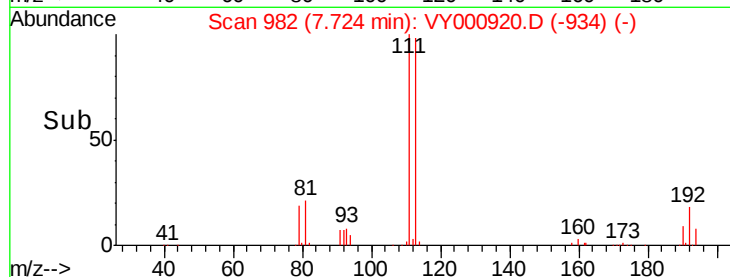
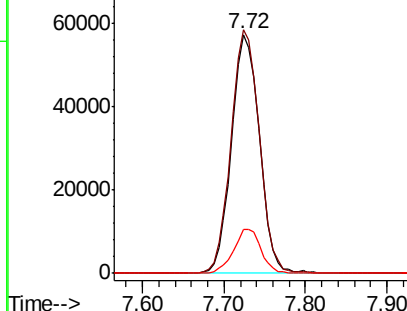
#35
 Dibromofluoromethane
 Concen: 49.669 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000920.D
 Acq: 09 Dec 2019 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	18.0	14.2	21.2

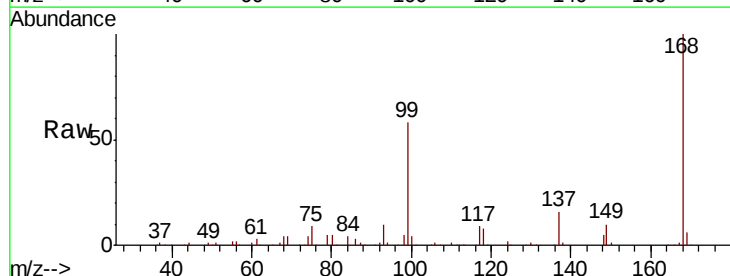


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

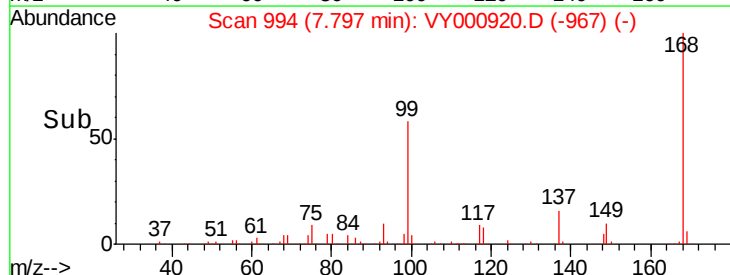
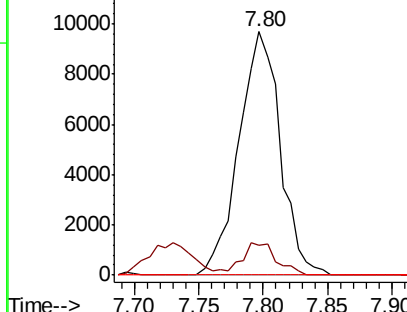


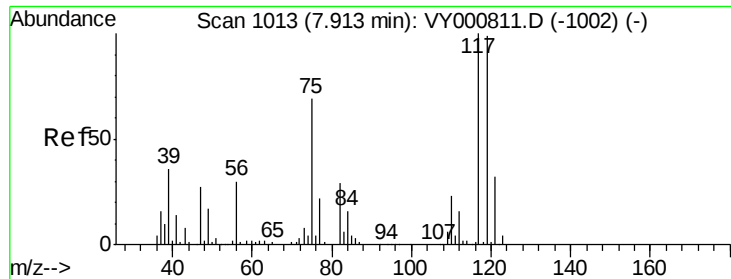
#36
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000920.D
 Acq: 09 Dec 2019 18:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	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: 5.698 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY000920.D

Acq: 09 Dec 2019 18:17

Instrument :

MSVOA_Y

ClientSampled :

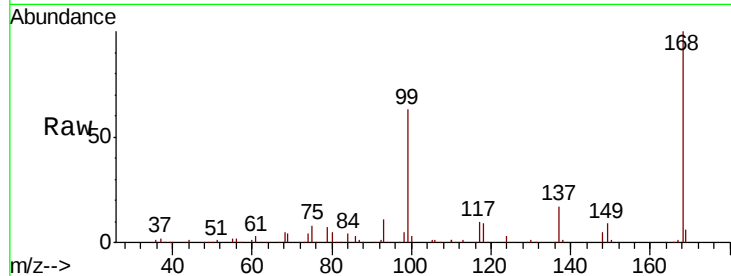
Tot Ion:117 Resp: 23603

Ion Ratio Lower Upper

117 100

119 3.8 79.3 118.9#

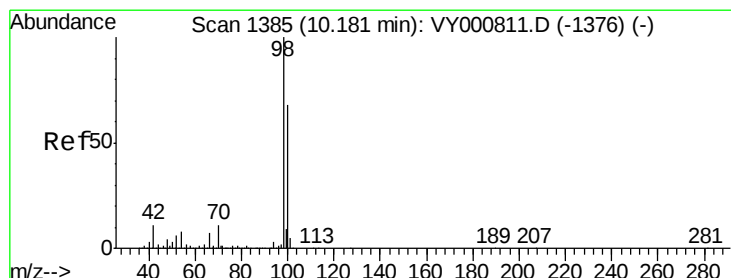
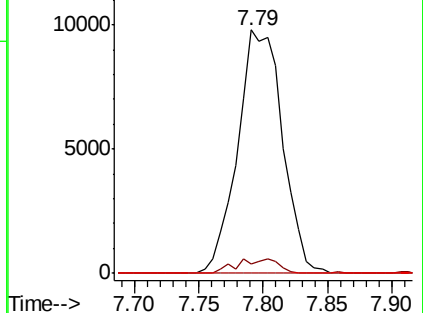
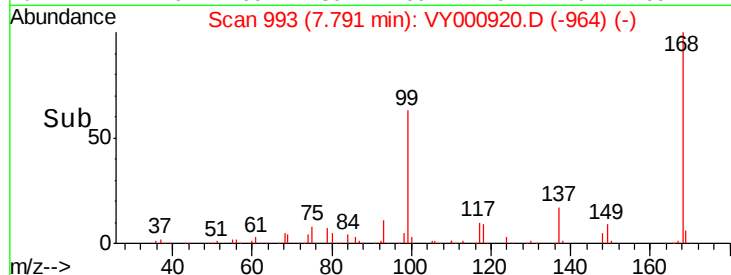
121 0.0 25.5 38.3#



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: 51.030 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000920.D

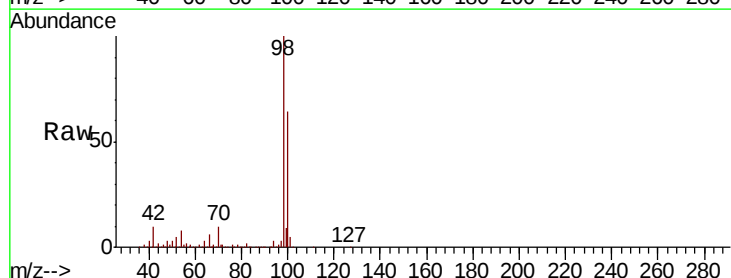
Acq: 09 Dec 2019 18:17

Tgt Ion: 98 Resp: 556175

Ion Ratio Lower Upper

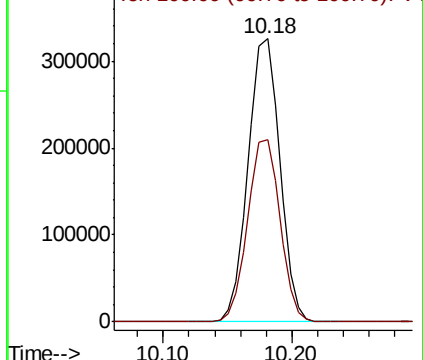
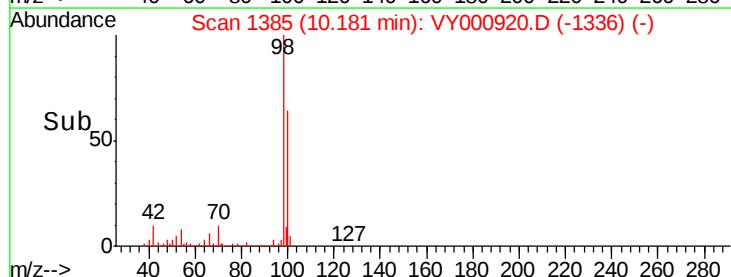
98 100

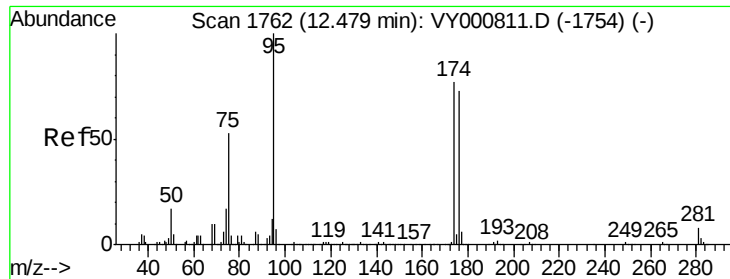
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

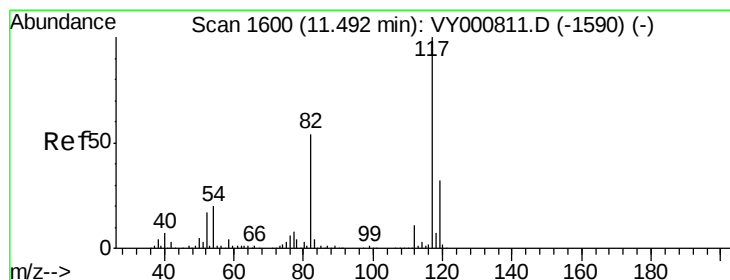
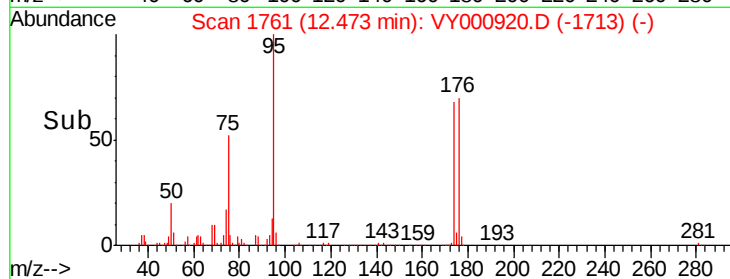
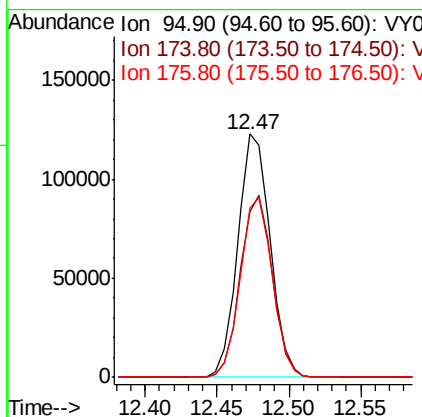
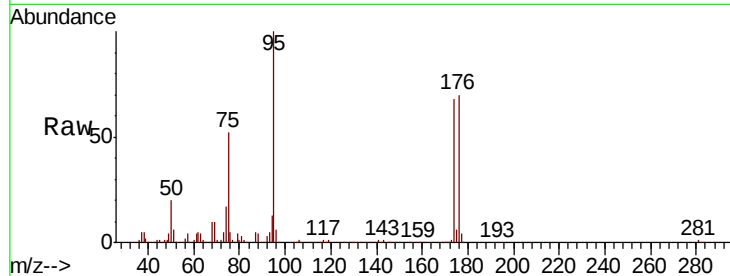




#62
4-Bromofluorobenzene
Concen: 46.669 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000920.D
Acq: 09 Dec 2019 18:17

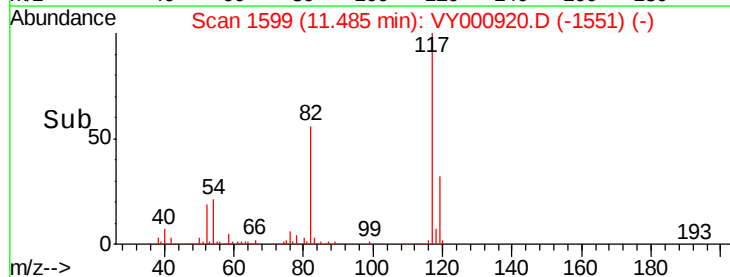
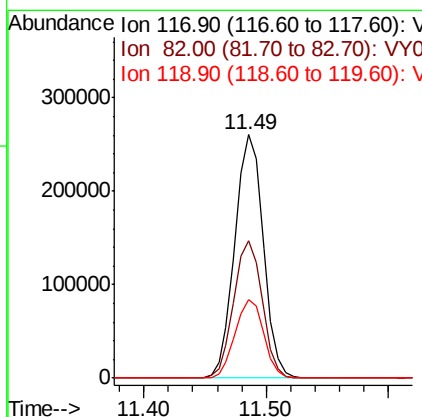
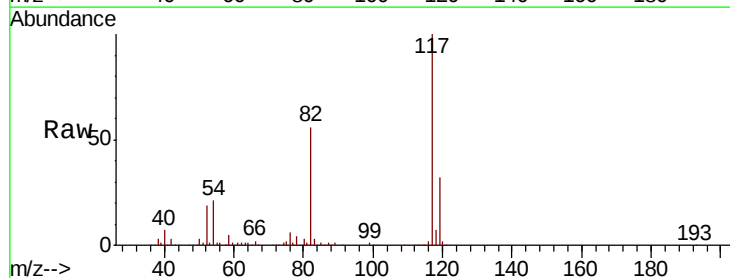
Instrument :
MSVOA_Y
ClientSampleId :

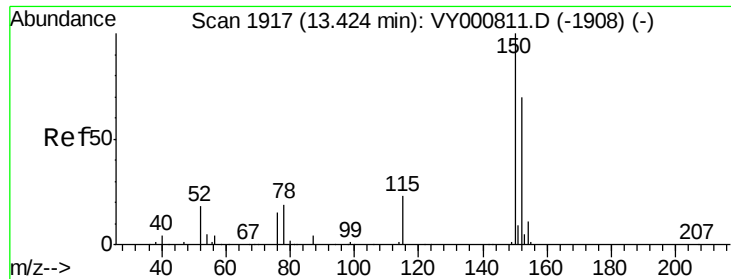
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.6
176	73.1	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000920.D
Acq: 09 Dec 2019 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.1	64.7
119	32.5	25.3	37.9



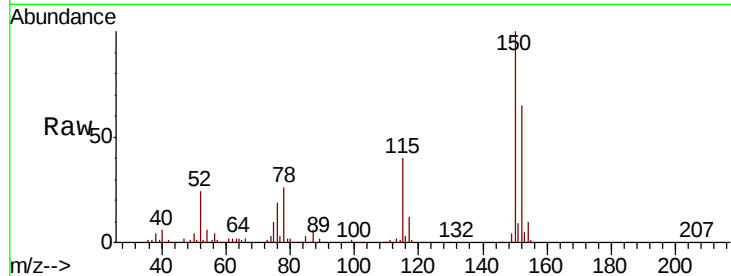


#72

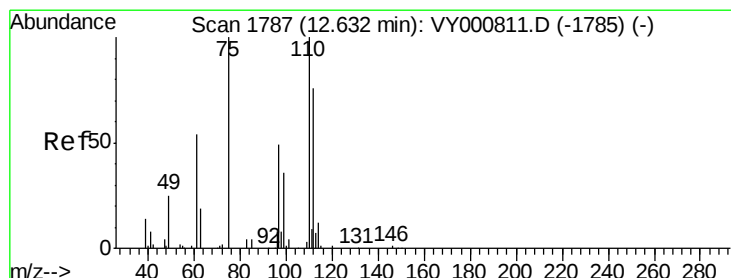
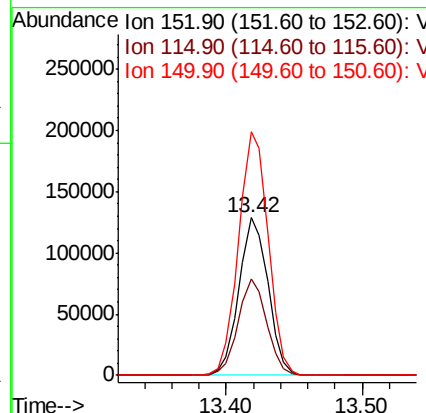
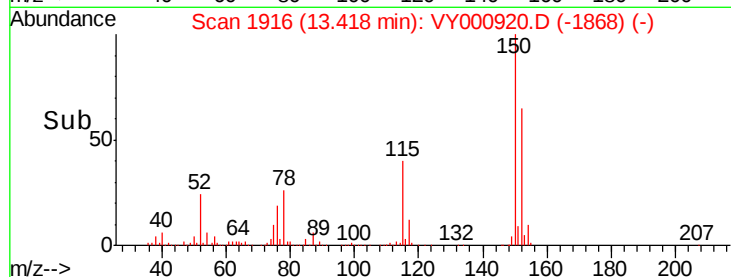
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000920.D
Acq: 09 Dec 2019 18:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.3	87.8
150	156.6	0.0	351.2



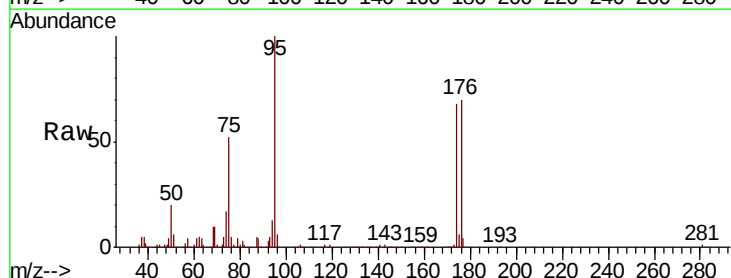
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



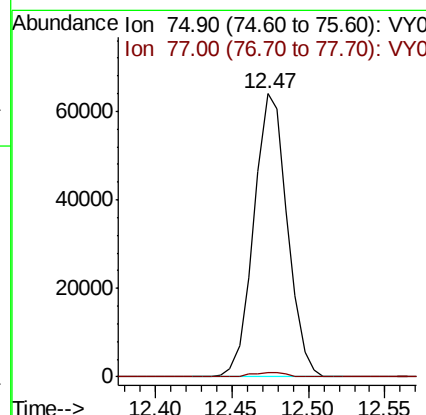
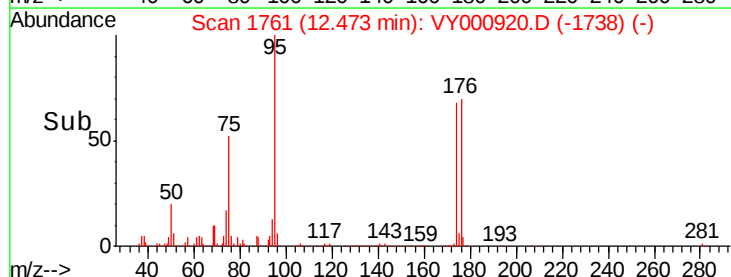
#76

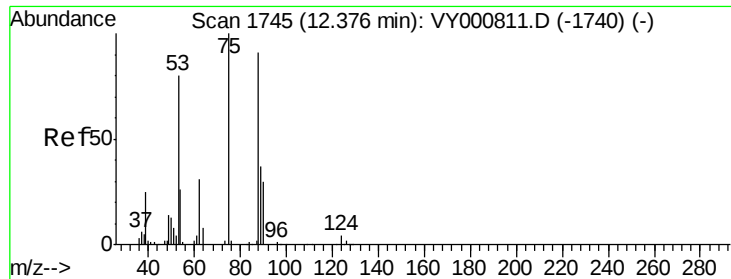
1,2,3-Trichloropropane
Concen: 44.631 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000920.D
Acq: 09 Dec 2019 18:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	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: 87.669 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000920.D

Acq: 09 Dec 2019 18:17

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 97286

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#

