

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000592.D
 Acq On : 07 Nov 2019 19:31
 Operator : SY/MD
 Sample : K5722-04
 Misc : 6.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

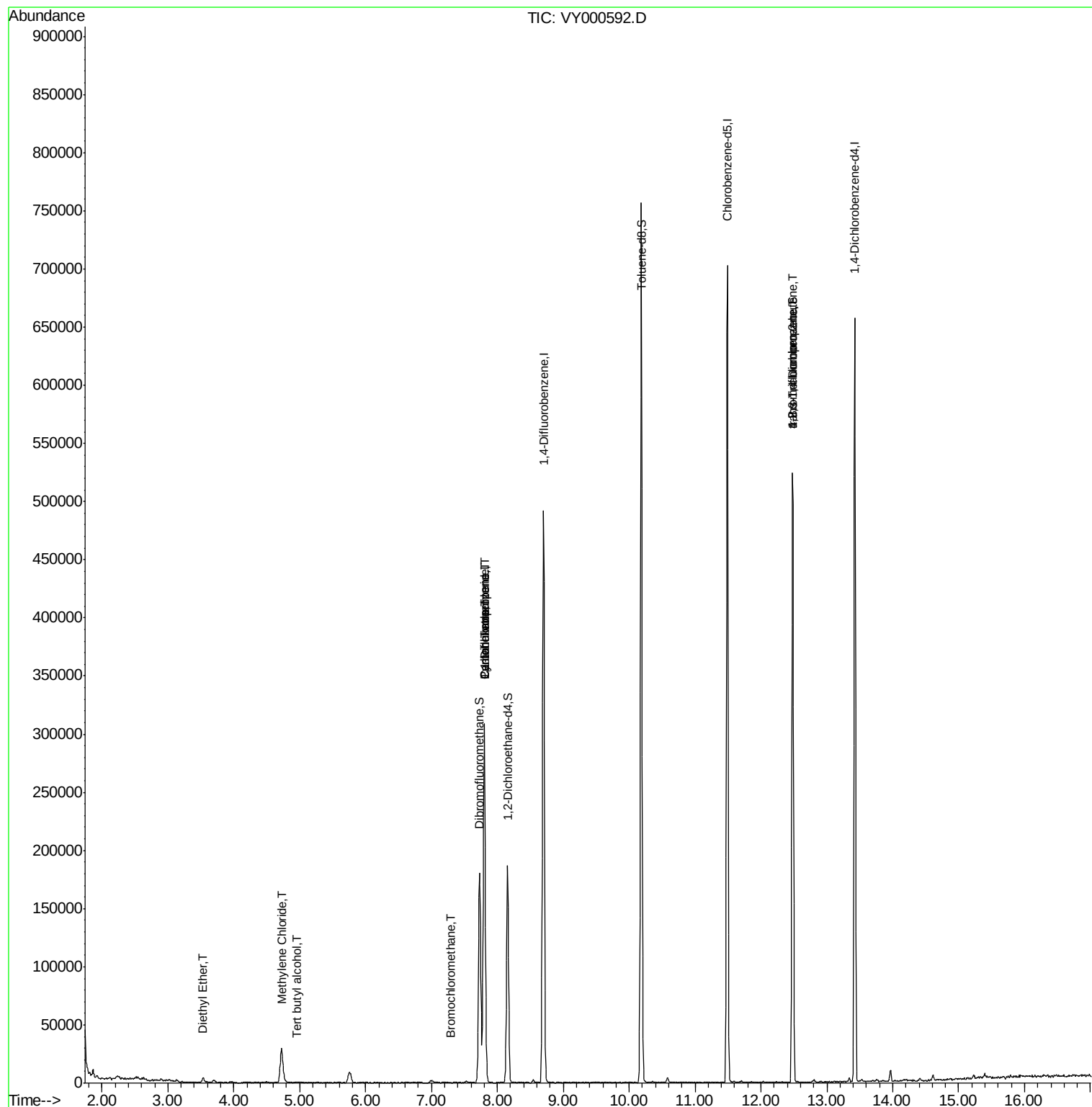
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	412236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	365411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	149881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	142594	60.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.82%	
35) Dibromofluoromethane	7.73	113	124411	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.18	98	482301	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.48	95	158526	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
8) Diethyl Ether	3.53	74	2156	1.577	ug/l	91
11) Tert butyl alcohol	4.96	59	318	1.395	ug/l #	72
20) Methylene Chloride	4.72	84	21328	7.714	ug/l #	89
28) Bromochloromethane	7.28	49	32	4.107	ug/l #	14
31) Cyclohexane	7.80	56	5280	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	19704	5.056	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23634	6.303	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	85034	49.827	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85034	111.718	ug/l #	13

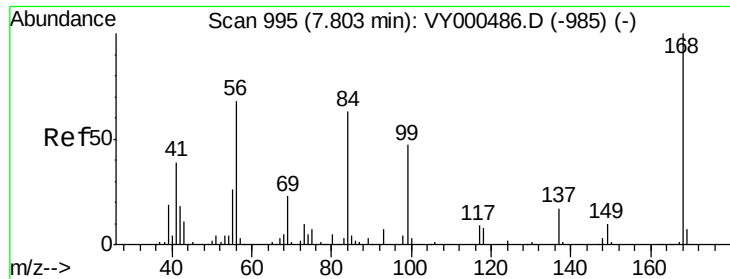
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :

MSVOA_Y

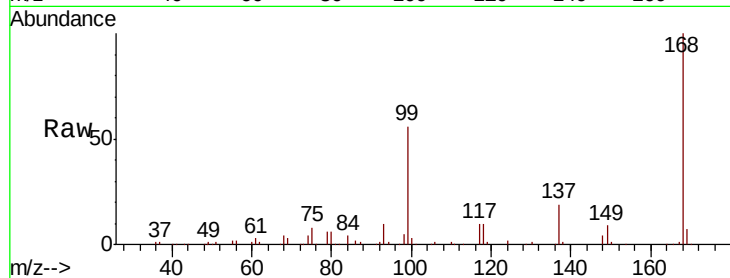
ClientSampled :

Tot Ion:168 Resp: 226224

Ion Ratio Lower Upper

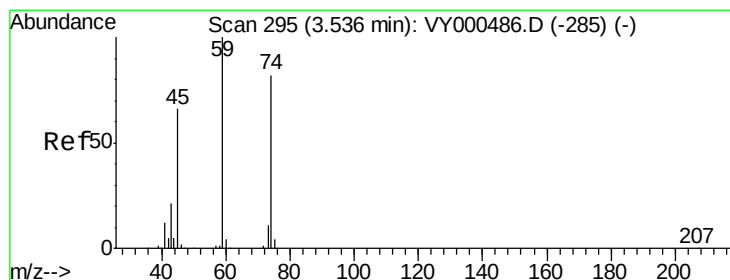
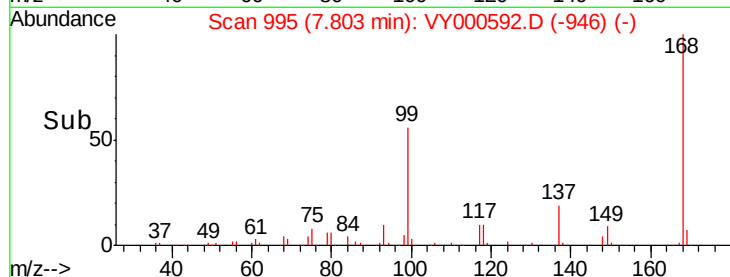
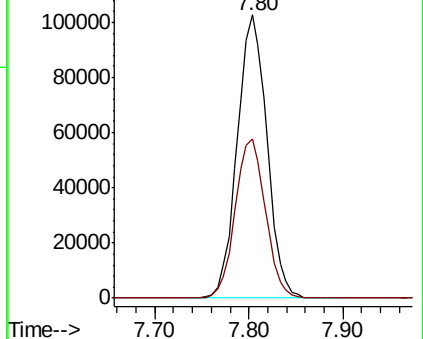
168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#8

Diethyl Ether

Concen: 1.577 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY000592.D

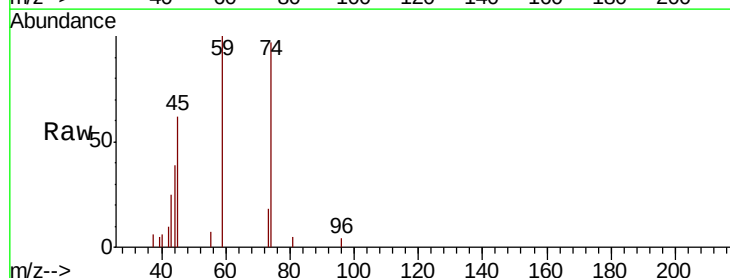
Acq: 07 Nov 2019 19:31

Tgt Ion: 74 Resp: 2156

Ion Ratio Lower Upper

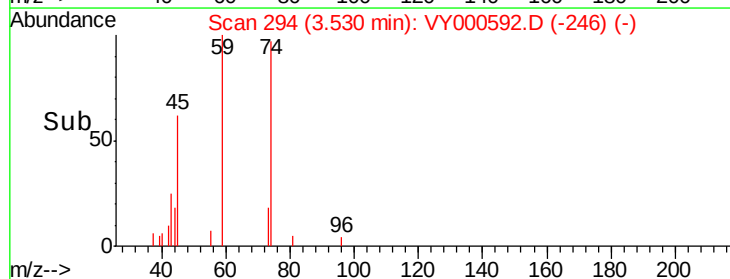
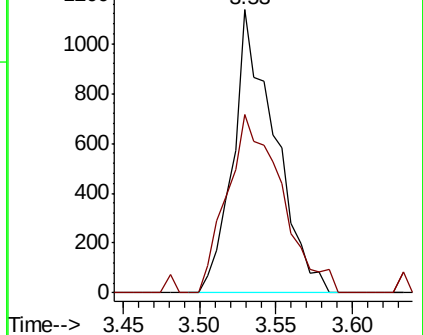
74 100

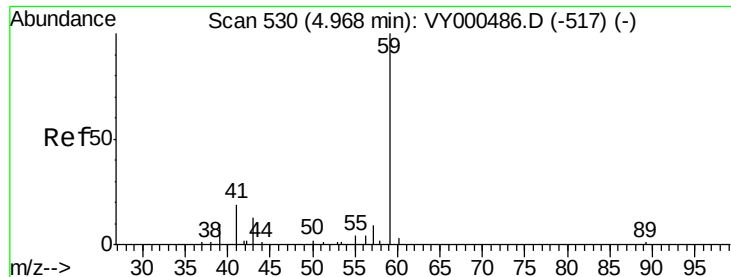
45 82.5 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

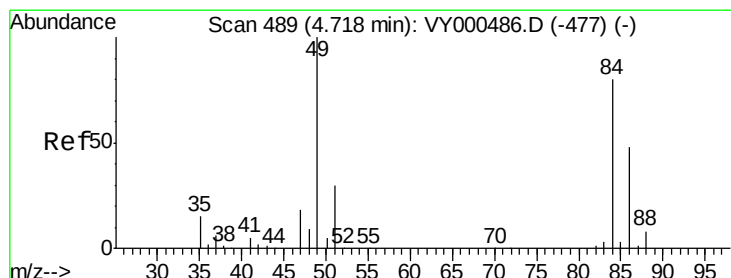
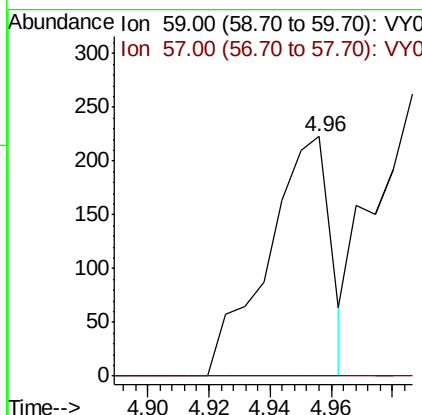
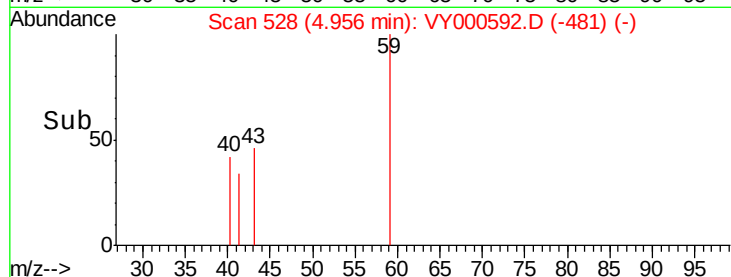
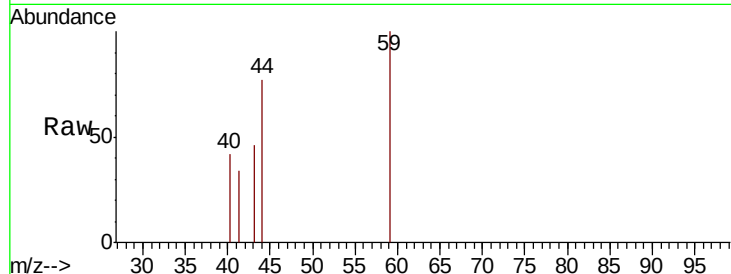




#11
Tert butyl alcohol
Concen: 1.395 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

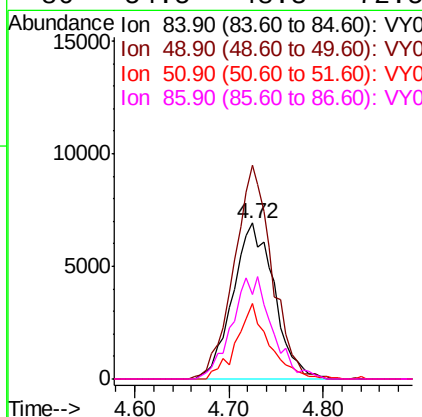
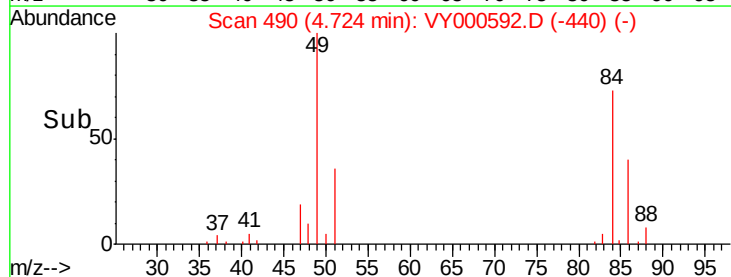
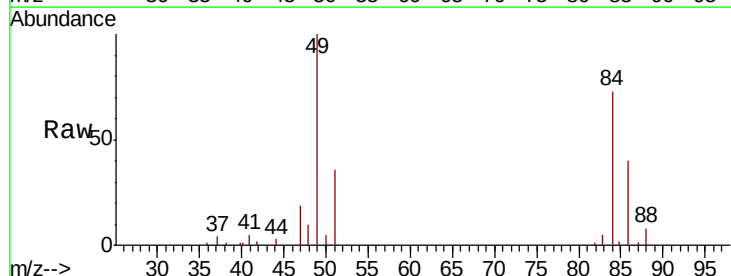
Instrument :
MSVOA_Y
ClientSampleId :

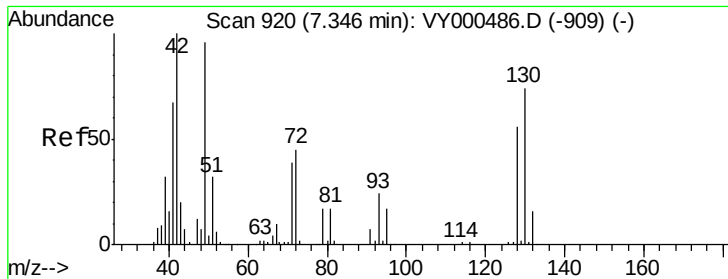
Tot Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#20
Methylene Chloride
Concen: 7.714 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

Tgt Ion: 84 Resp: 21328
Ion Ratio Lower Upper
84 100
49 136.9 100.2 150.4
51 48.6 29.6 44.4#
86 54.5 48.3 72.5





#28

Bromochloromethane

Concen: 4.107 ug/l

RT: 7.28 min Scan# 910

Delta R.T. -0.06 min

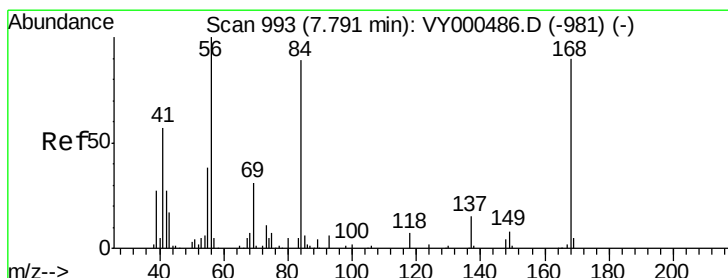
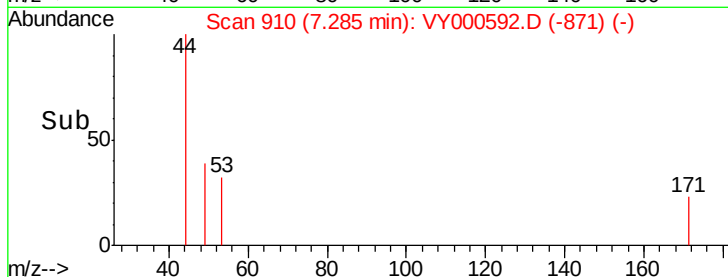
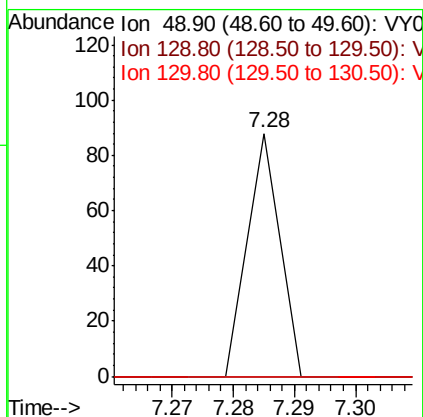
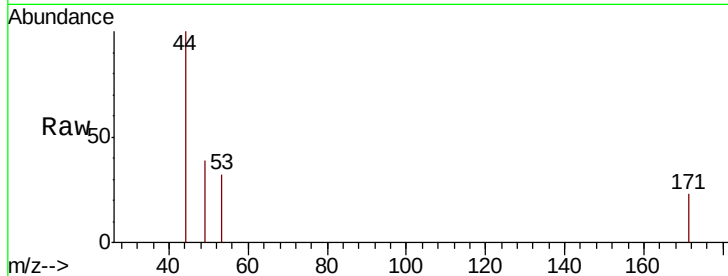
Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 49 Resp: 32

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#



#31

Cyclohexane

Concen: 1.165 ug/l

RT: 7.80 min Scan# 994

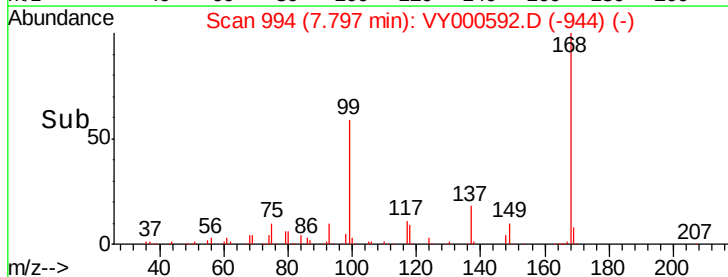
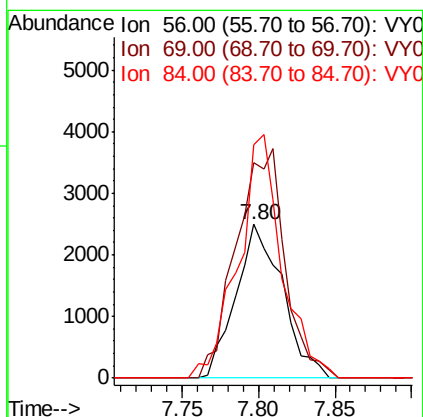
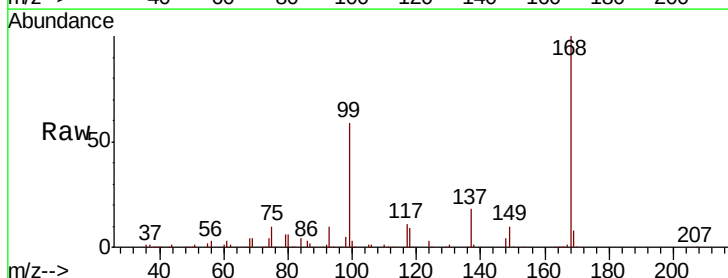
Delta R.T. 0.01 min

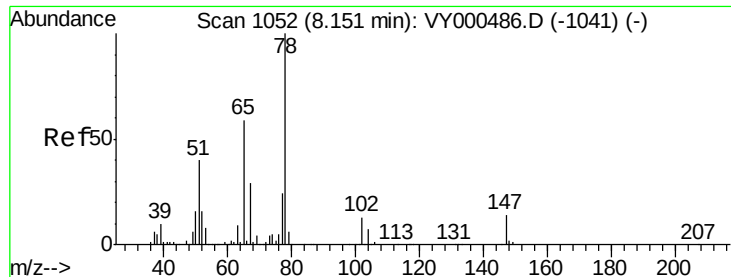
Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Tgt Ion: 56 Resp: 5280

Ion	Ratio	Lower	Upper
56	100		
69	140.2	25.0	37.6#
84	152.0	71.4	107.2#

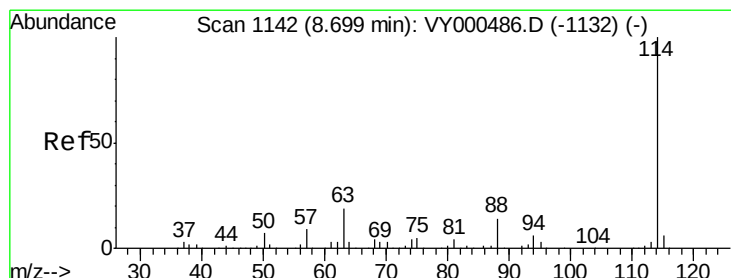
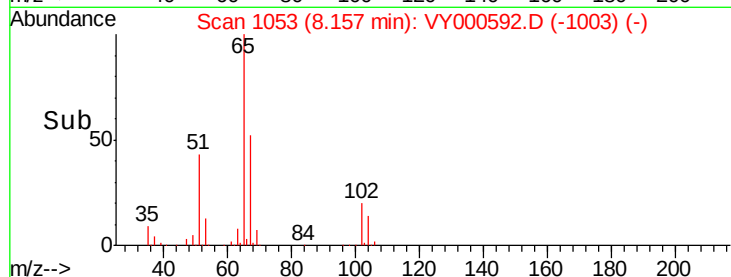
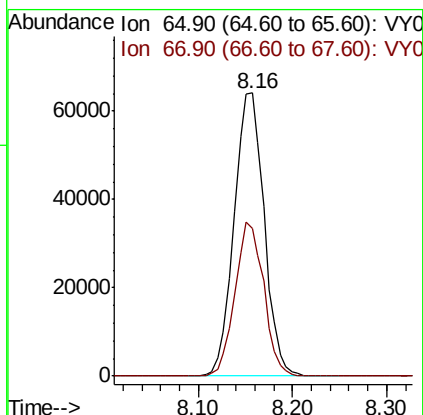
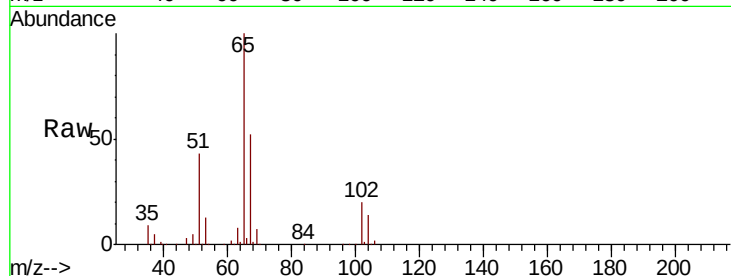




#33
 1,2-Dichloroethane-d4
 Concen: 60.908 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000592.D
 Acq: 07 Nov 2019 19:31

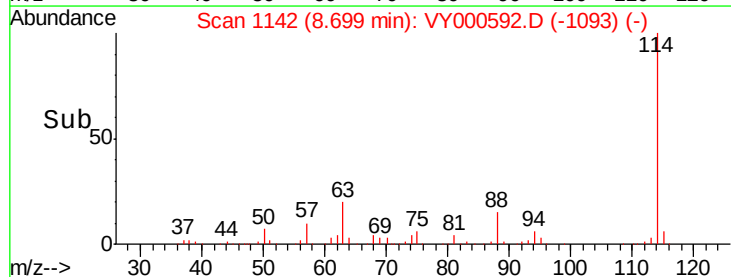
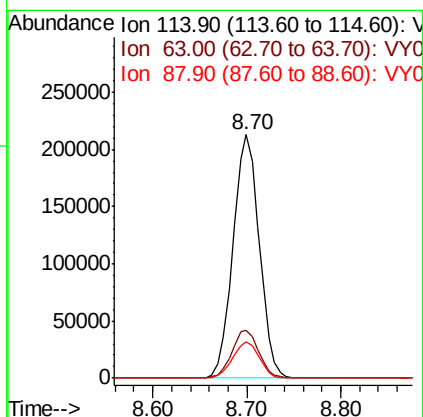
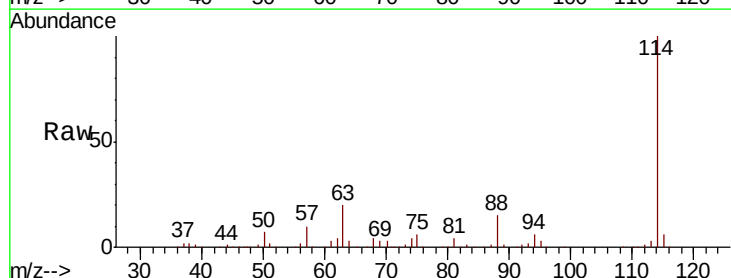
Instrument :
 MSVOA_Y
 ClientSampleId :

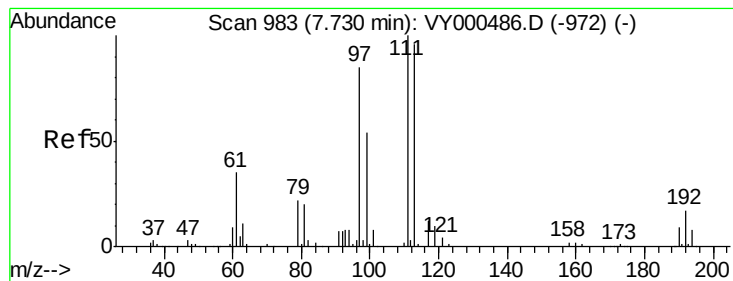
Tot Ion: 65 Resp: 142594
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000592.D
 Acq: 07 Nov 2019 19:31

Tgt Ion: 114 Resp: 412236
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 14.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 51.408 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :

MSVOA_Y

ClientSampled :

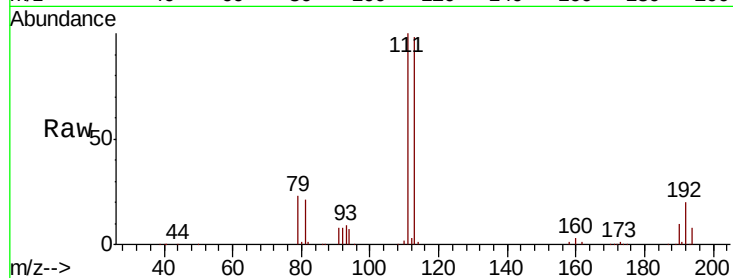
Tot Ion:113 Resp: 124411

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

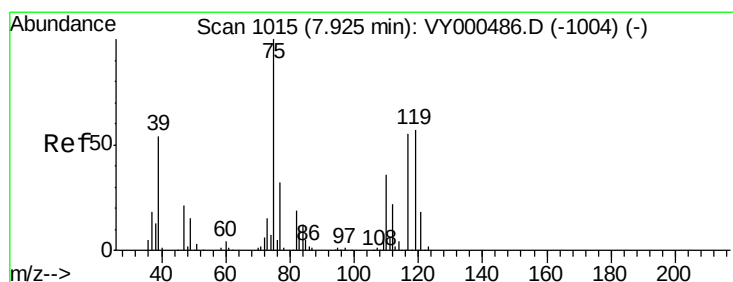
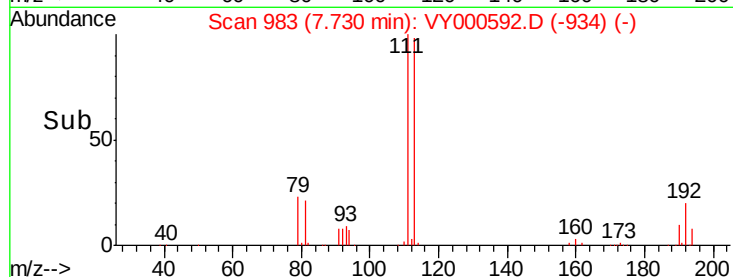
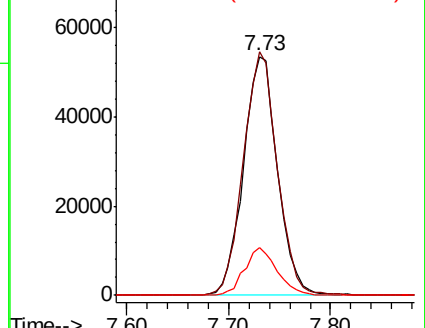
192 19.1 15.0 22.4



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: 5.056 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

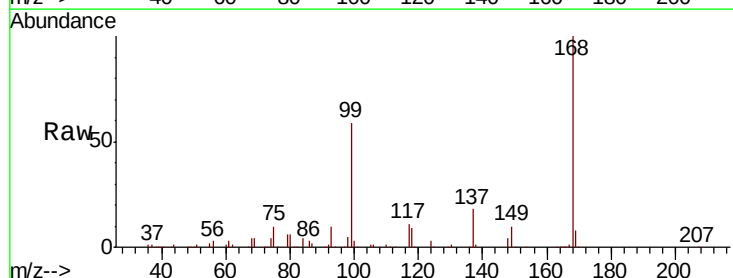
Tgt Ion: 75 Resp: 19704

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.1#

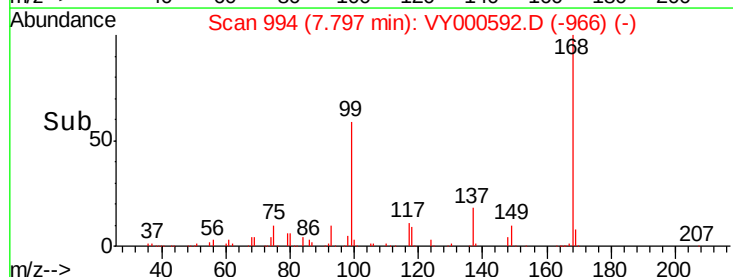
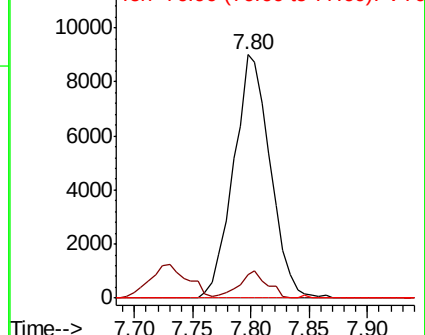
77 0.0 25.0 37.6#

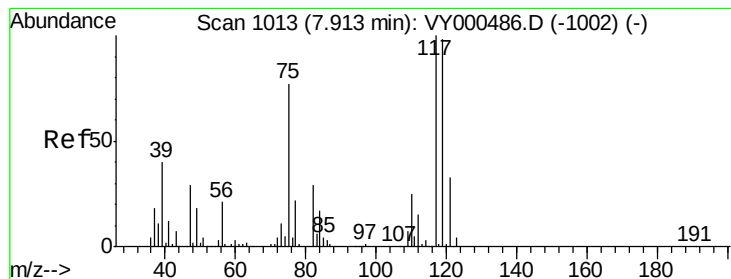


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :

MSVOA_Y

ClientSampled :

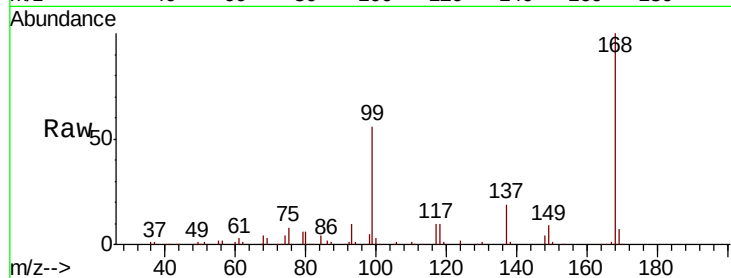
Tot Ion:117 Resp: 23634

Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

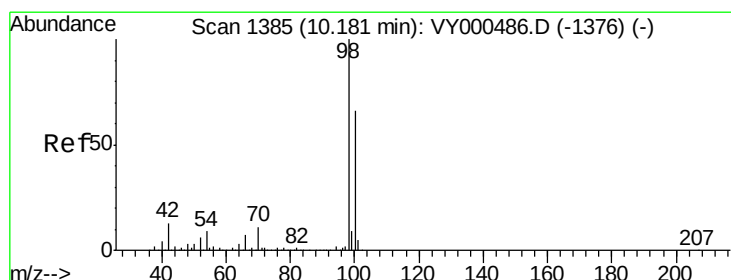
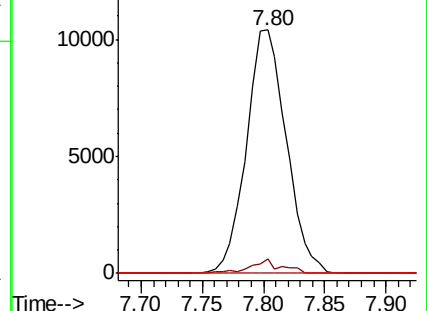
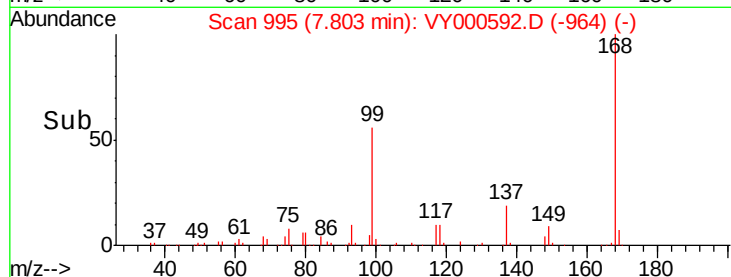
121 0.0 26.6 40.0#



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: 52.521 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000592.D

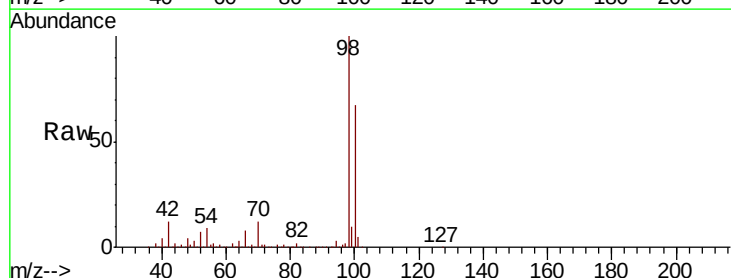
Acq: 07 Nov 2019 19:31

Tgt Ion: 98 Resp: 482301

Ion Ratio Lower Upper

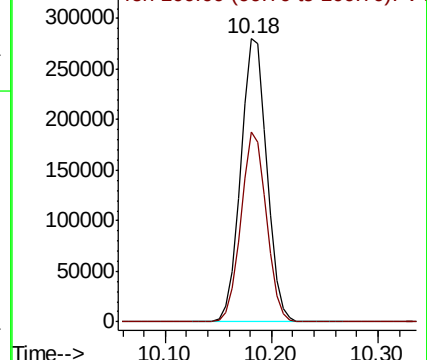
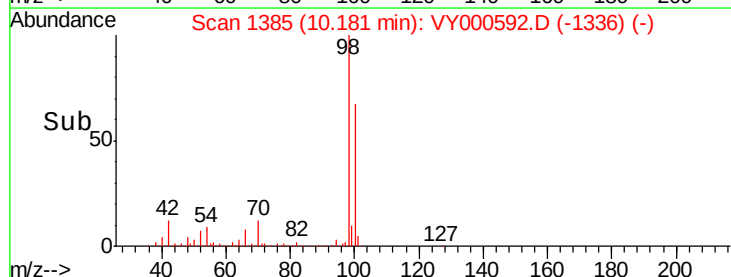
98 100

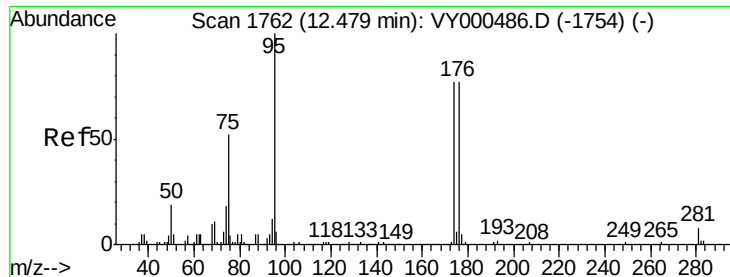
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

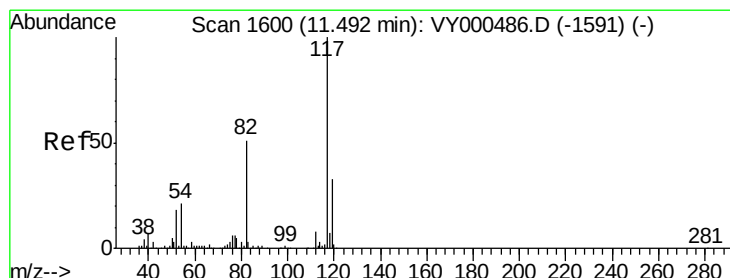
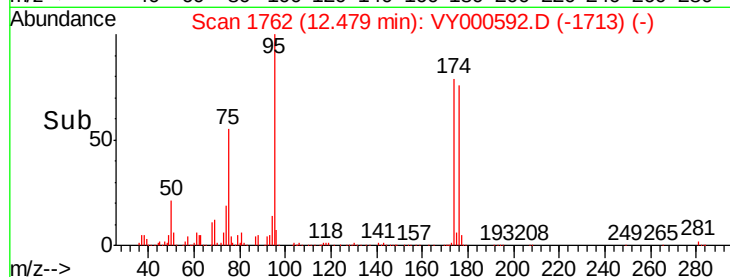
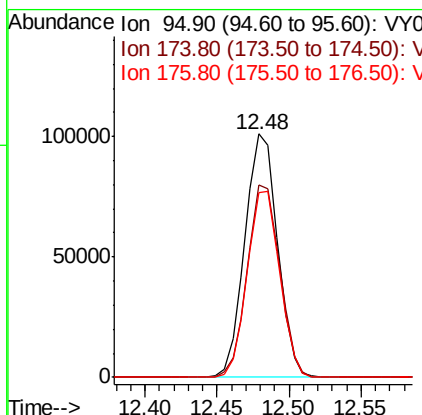
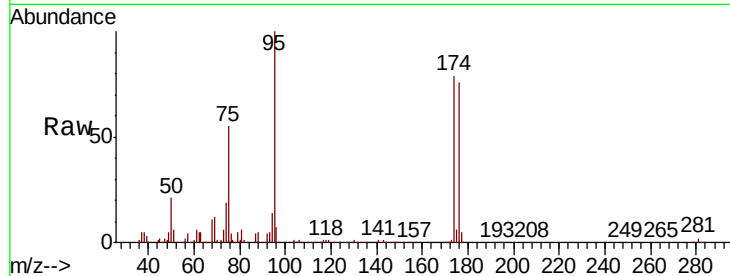




#62
4-Bromofluorobenzene
Concen: 45.346 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

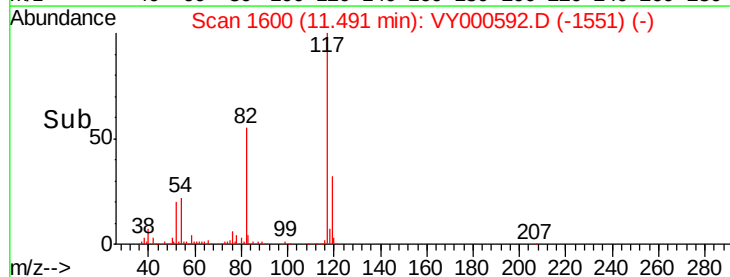
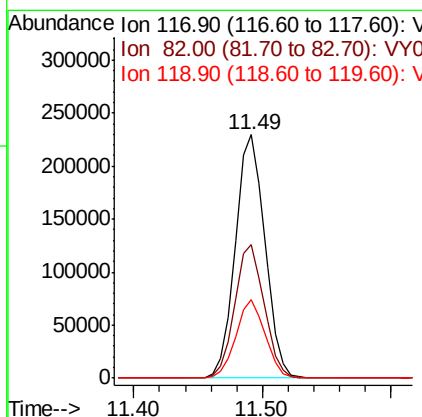
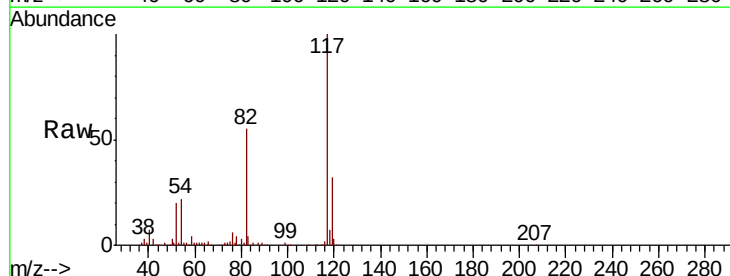
Instrument :
MSVOA_Y
ClientSampled :

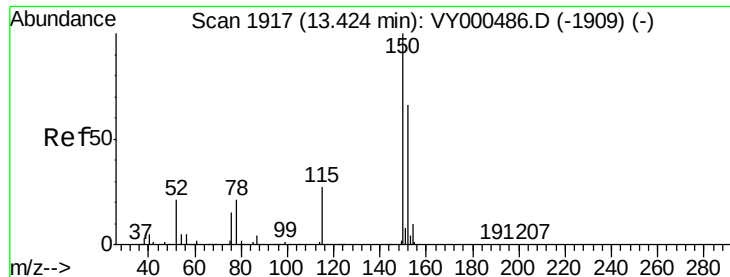
Tot Ion	95	Resp	158526
Ion Ratio	Lower	Upper	
95	100		
174	78.8	0.0	161.6
176	76.0	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

Tgt Ion	117	Resp	365411
Ion Ratio	Lower	Upper	
117	100		
82	54.8	40.8	61.2
119	32.1	26.2	39.2



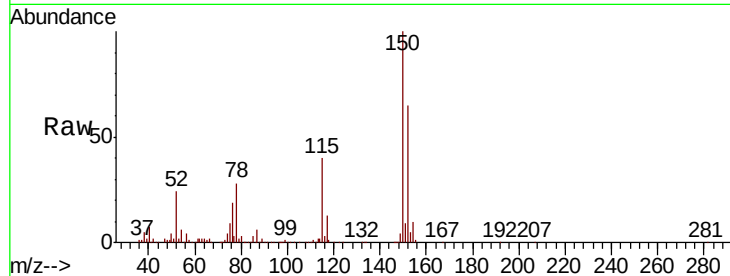


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.1	87.4
150	157.7	0.0	348.8

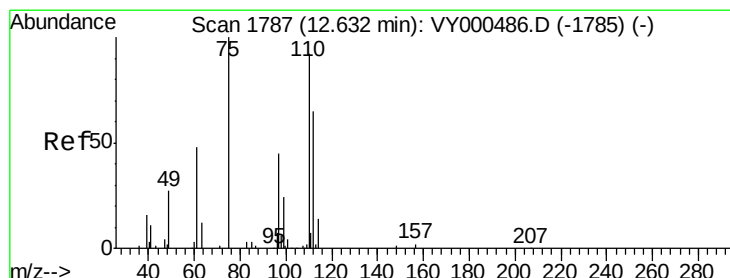
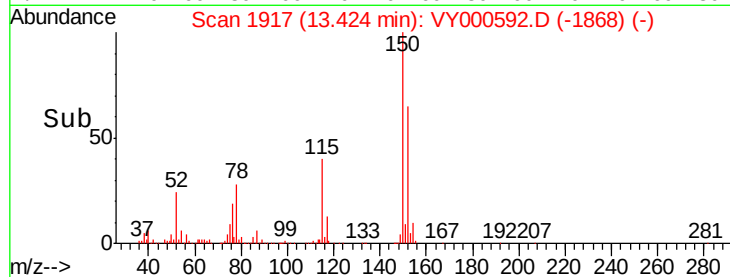
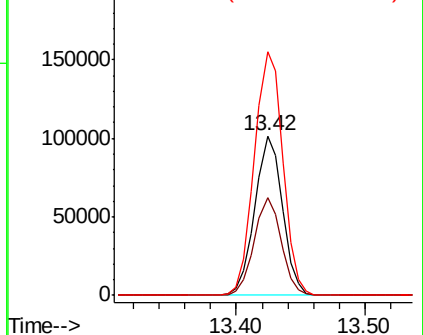


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

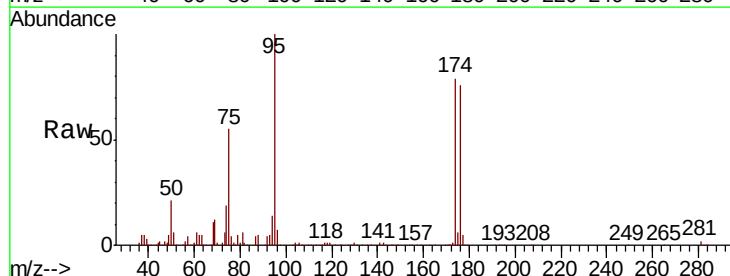
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 49.827 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

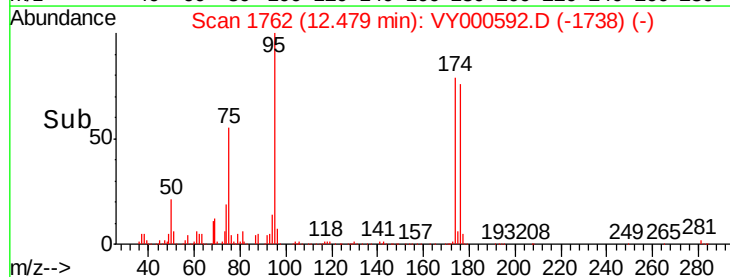
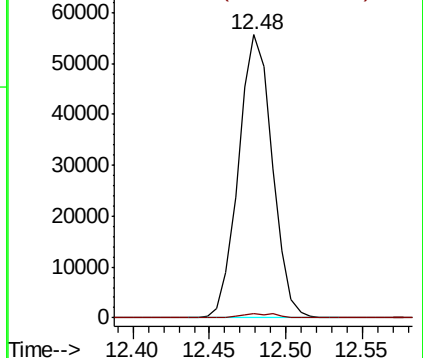
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

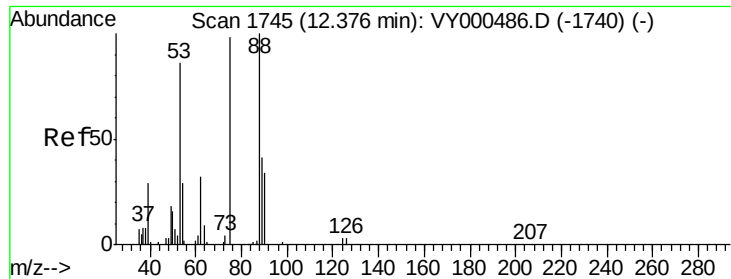


Abundance

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: 111.718 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000592.D
 Acq: 07 Nov 2019 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 85034
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 35.9 53.9#

