

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000627.D
 Acq On : 08 Nov 2019 18:54
 Operator : SY/MD
 Sample : K5723-15RE
 Misc : 3.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-D

Quant Time: Nov 11 04:46:39 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

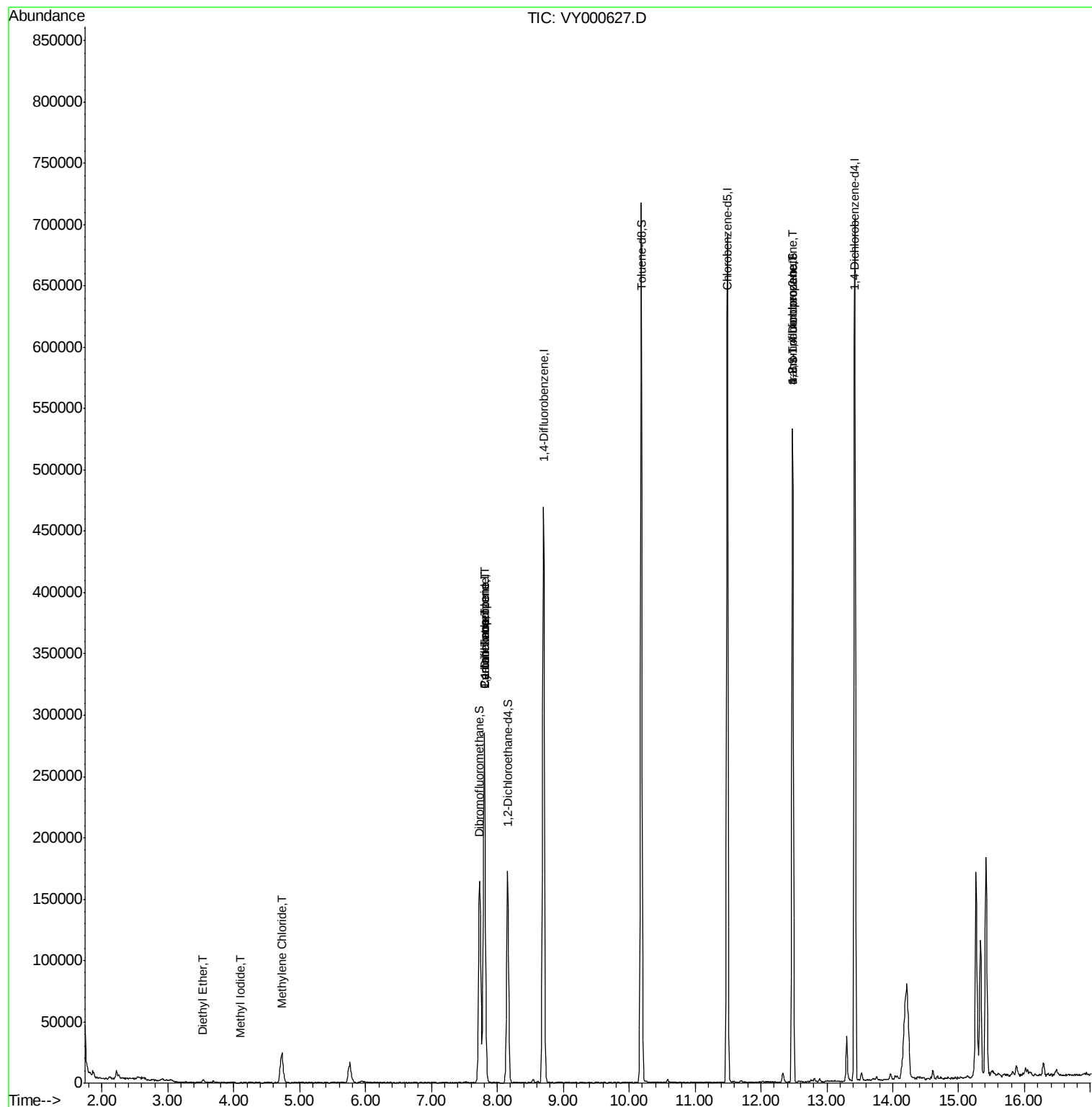
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	214093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	389588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	132531	59.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.64%	
35) Dibromofluoromethane	7.73	113	115775	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	10.18	98	460211	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.48	95	163165	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
Target Compounds						
8) Diethyl Ether	3.52	74	1312	1.014	ug/l	88
10) Methyl Iodide	4.10	142	44	3.214	ug/l #	41
20) Methylene Chloride	4.72	84	17591	6.723	ug/l	96
31) Cyclohexane	7.80	56	5289	1.233	ug/l #	22
36) 1,1-Dichloropropene	7.80	75	17095	4.642	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22103	6.237	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	88490	45.997	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88490	103.131	ug/l #	13

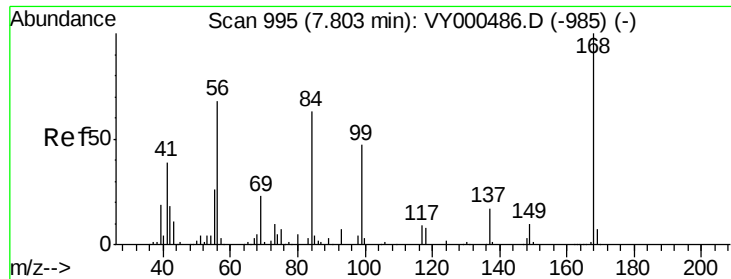
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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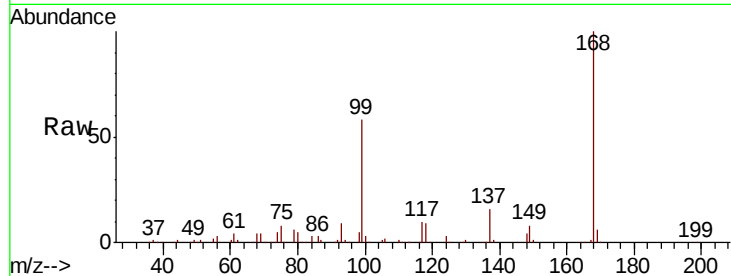


#1

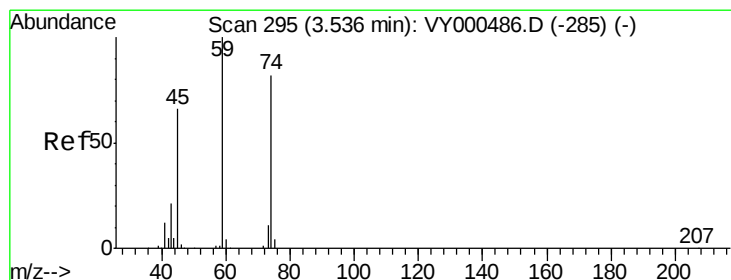
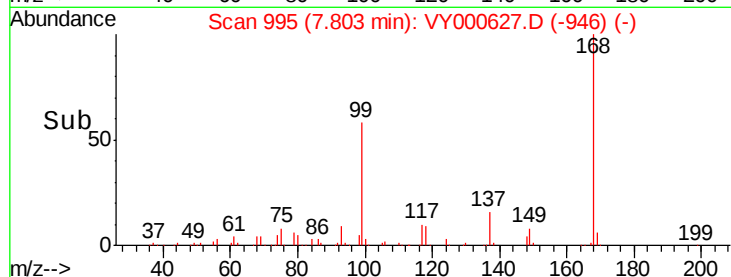
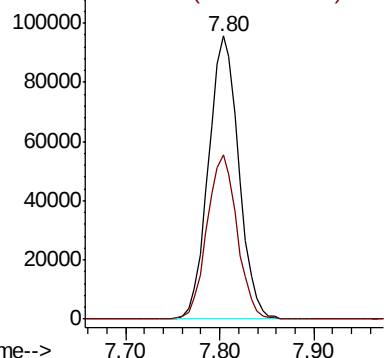
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VY000627.D
 Acq: 08 Nov 2019 18:54

Instrument :
 MSVOA_Y
 ClientSampled :
 10-D

Tot Ion:168 Resp: 214093
 Ion Ratio Lower Upper
 168 100
 99 57.8 45.7 68.5



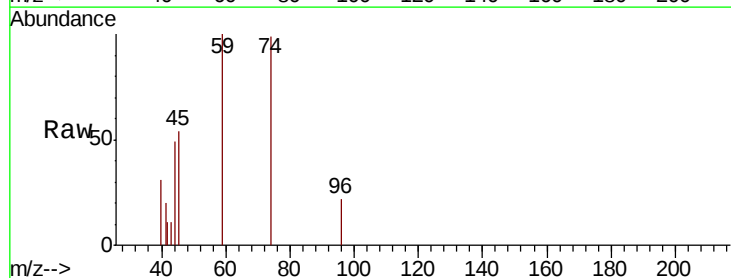
Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)
 Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



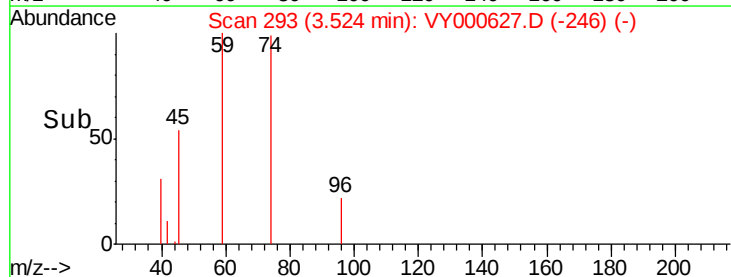
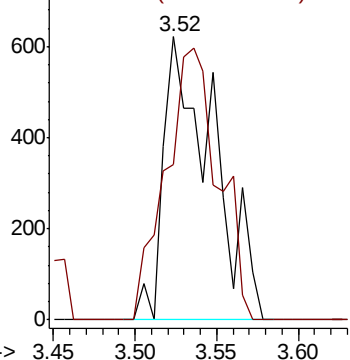
#8

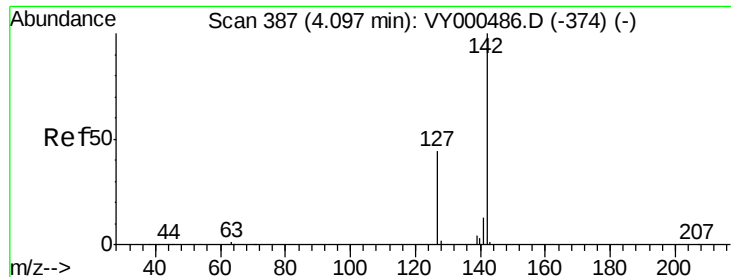
Diethyl Ether
 Concen: 1.014 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VY000627.D
 Acq: 08 Nov 2019 18:54

Tgt Ion: 74 Resp: 1312
 Ion Ratio Lower Upper
 74 100
 45 102.5 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) (-)

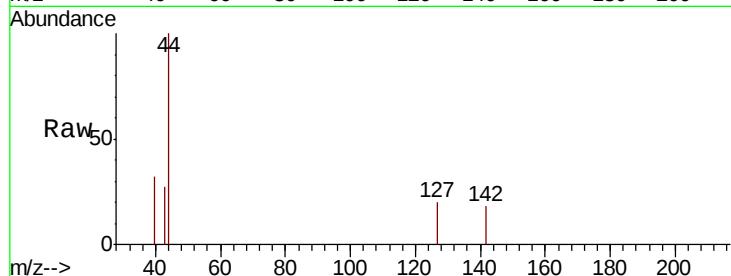




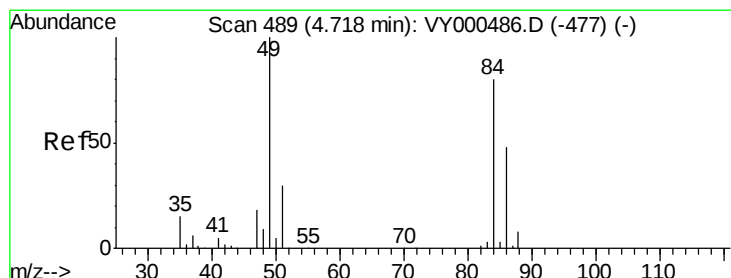
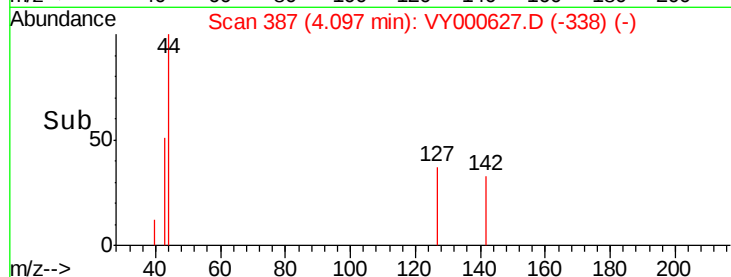
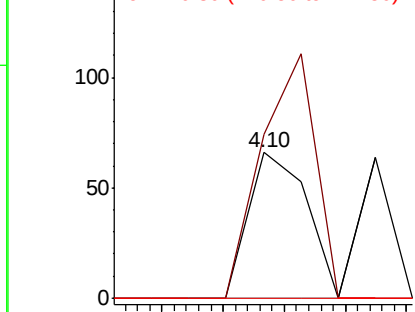
#10
Methyl Iodide
Concen: 3.214 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000627.D
Acq: 08 Nov 2019 18:54

Instrument :
MSVOA_Y
ClientSampled :
10-D

Tot Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 0.0 10.9 16.3#



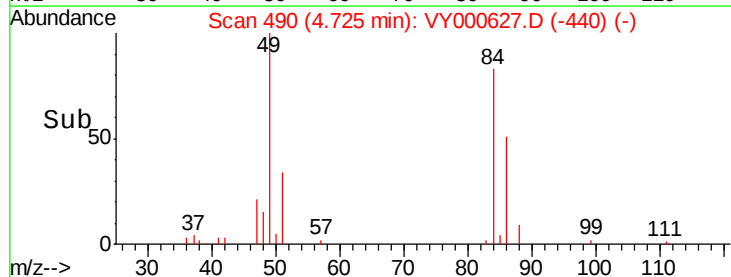
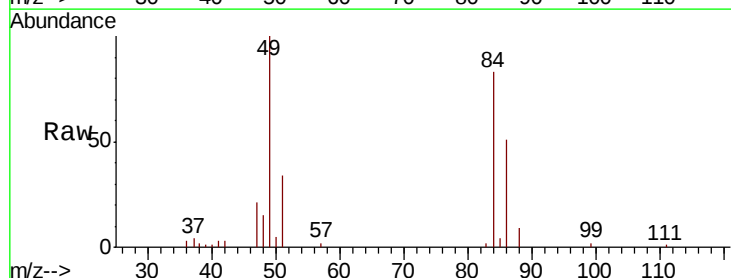
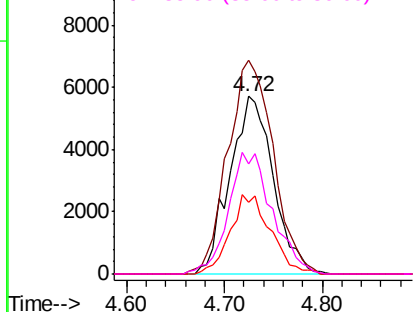
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

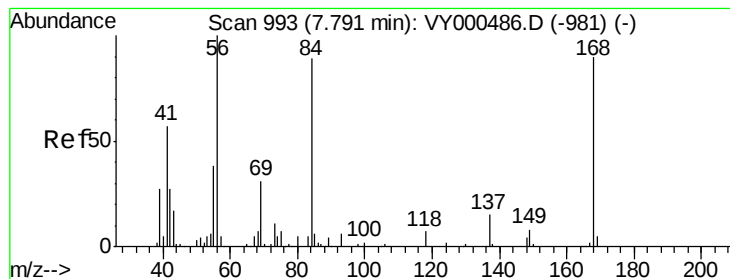


#20
Methylene Chloride
Concen: 6.723 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000627.D
Acq: 08 Nov 2019 18:54

Tgt Ion: 84 Resp: 17591
Ion Ratio Lower Upper
84 100
49 120.2 100.2 150.4
51 40.5 29.6 44.4
86 61.7 48.3 72.5

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





#31

Cyclohexane

Concen: 1.233 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

Instrument :

MSVOA_Y

ClientSampleId :

10-D

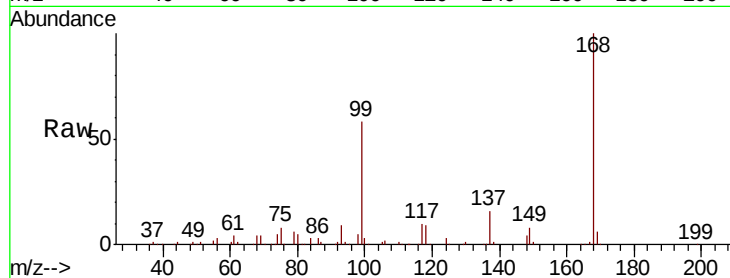
Tot Ion: 56 Resp: 5289

Ion Ratio Lower Upper

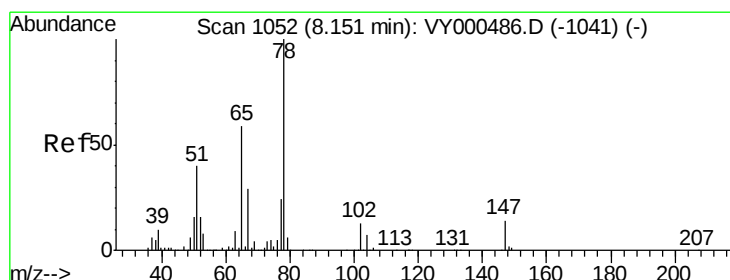
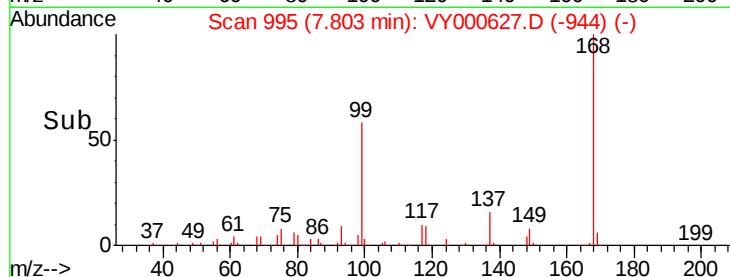
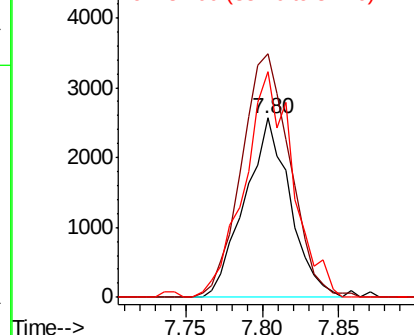
56 100

69 135.6 25.0 37.6#

84 126.0 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 59.818 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000627.D

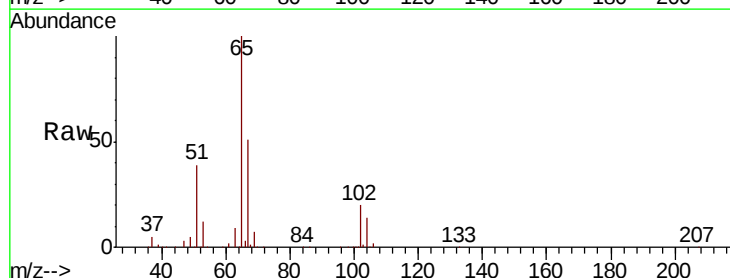
Acq: 08 Nov 2019 18:54

Tgt Ion: 65 Resp: 132531

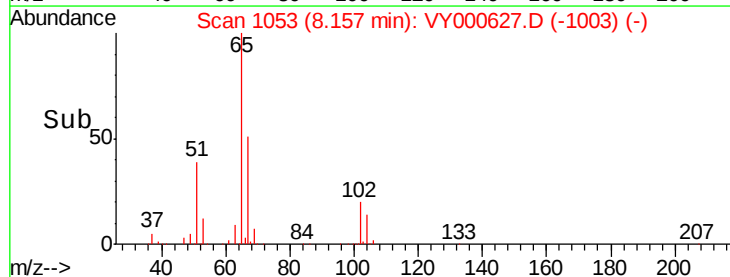
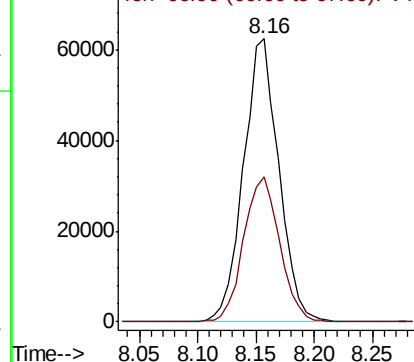
Ion Ratio Lower Upper

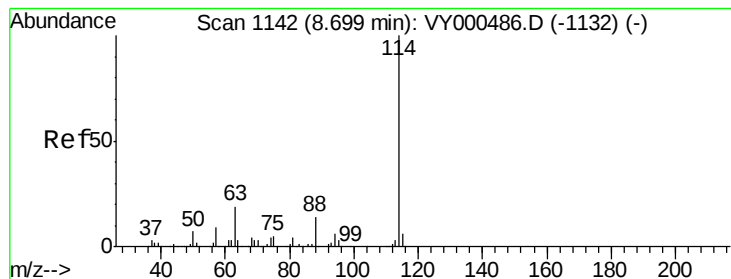
65 100

67 52.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

Instrument :

MSVOA_Y

ClientSampled :

10-D

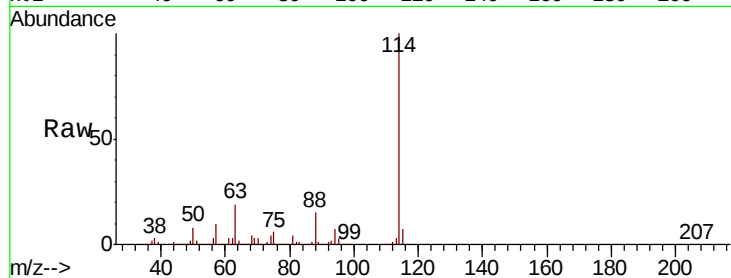
Tot Ion:114 Resp: 389588

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

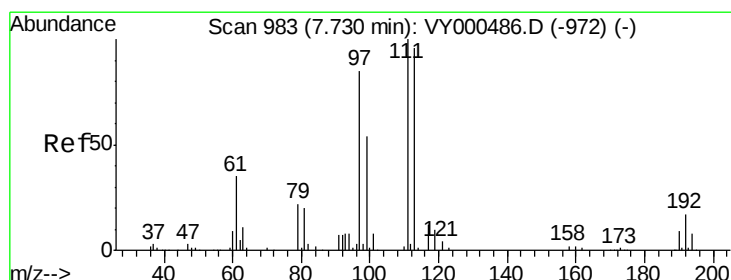
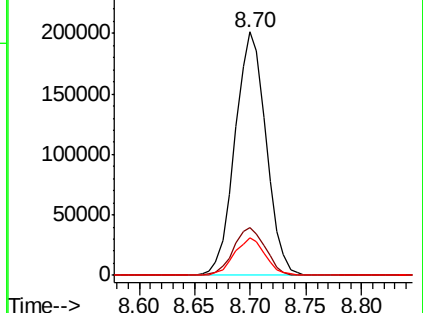
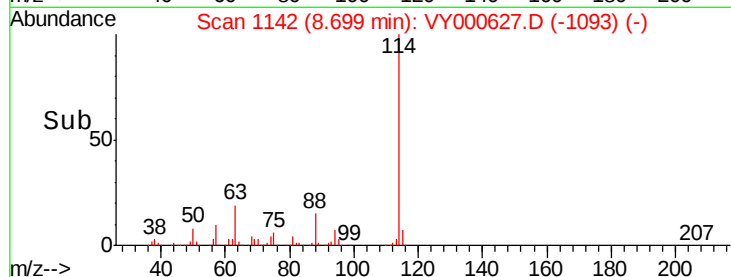
88 15.5 0.0 28.6



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



#35

Dibromofluoromethane

Concen: 50.620 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

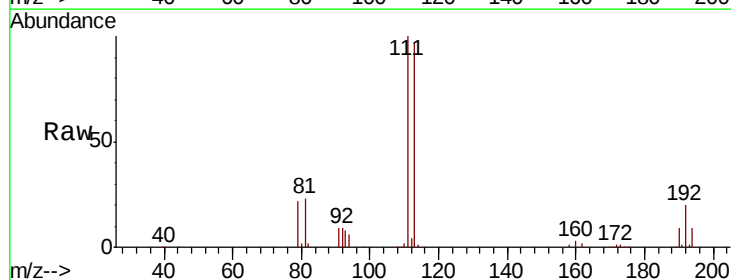
Tgt Ion:113 Resp: 115775

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

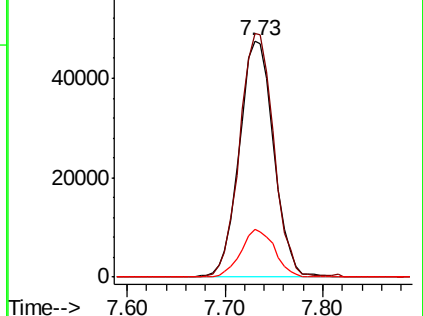
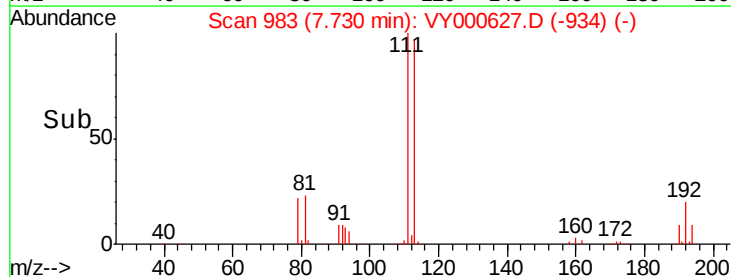
192 19.9 15.0 22.4

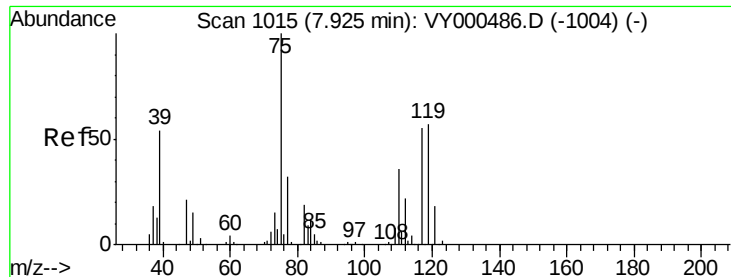


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

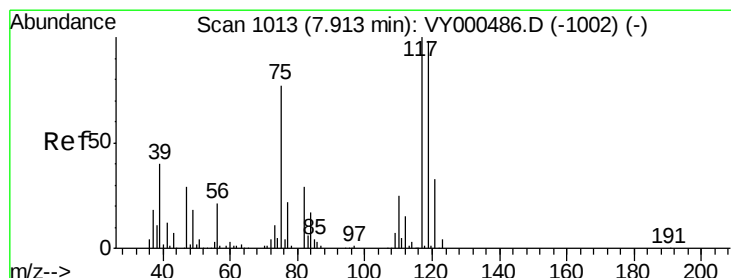
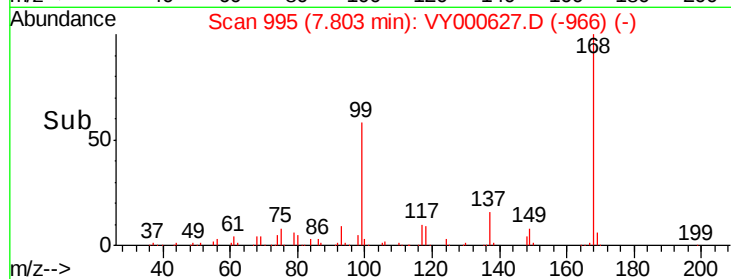
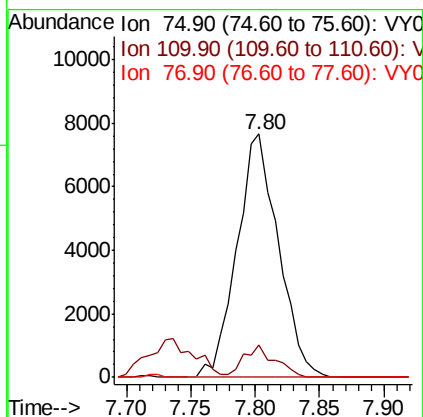
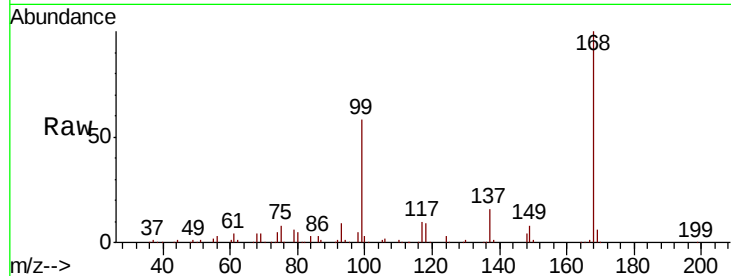




#36
 1,1-Dichloropropene
 Concen: 4.642 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000627.D
 Acq: 08 Nov 2019 18:54

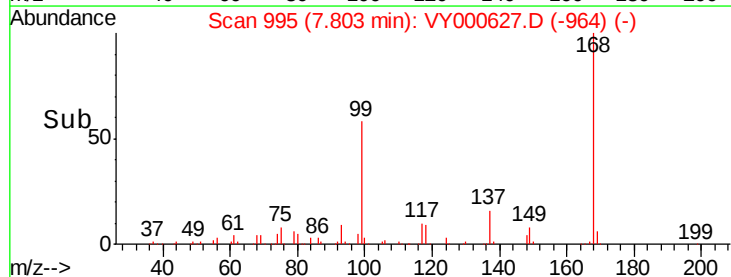
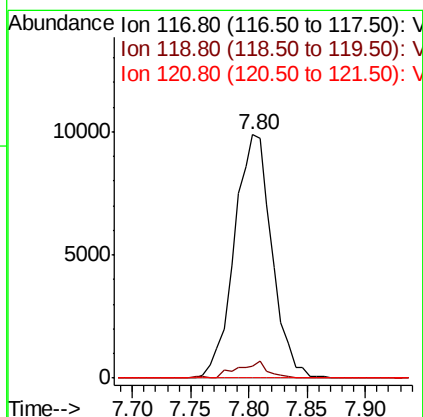
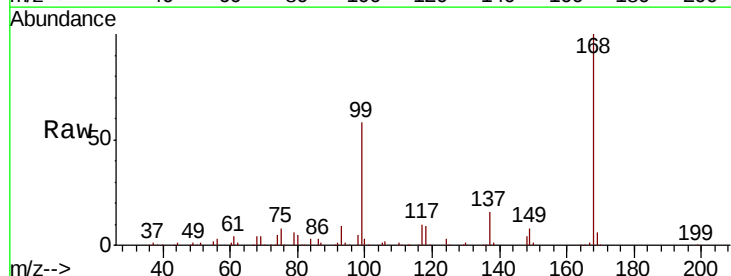
Instrument :
 MSVOA_Y
 ClientSampleId :
 10-D

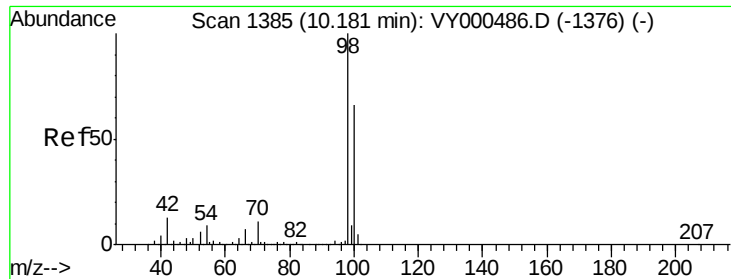
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.237 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000627.D
 Acq: 08 Nov 2019 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.0	117.0#
121	0.0	26.6	40.0#





#50

Toluene-d8

Concen: 53.029 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

Instrument :

MSVOA_Y

ClientSampleId :

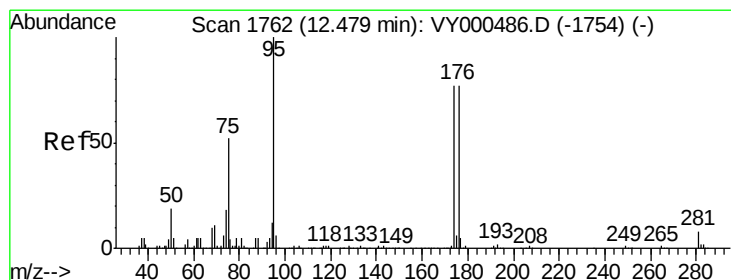
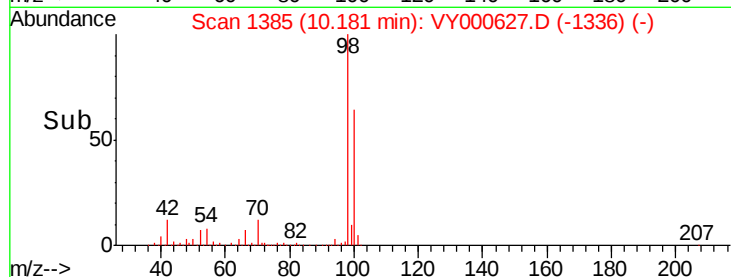
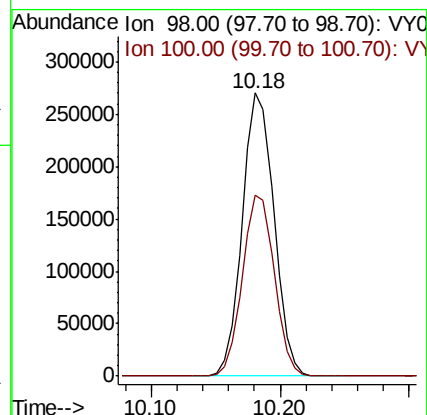
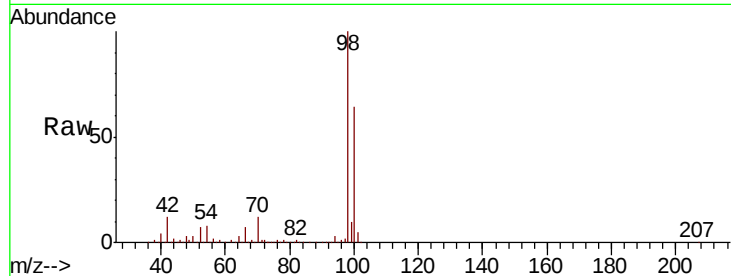
10-D

Tot Ion: 98 Resp: 460211

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.386 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

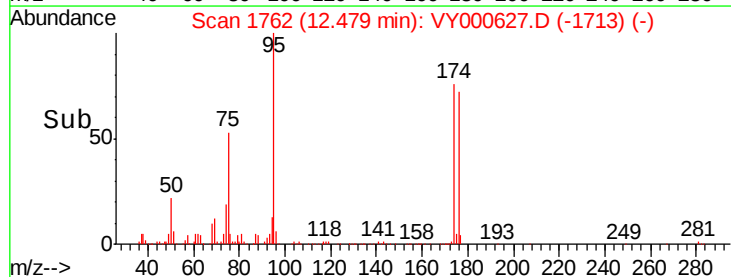
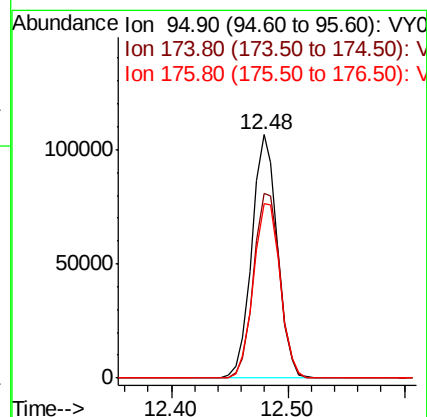
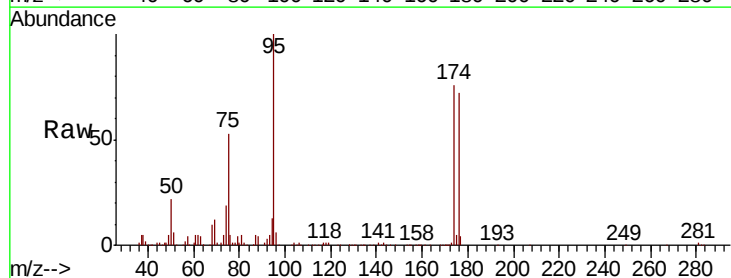
Tgt Ion: 95 Resp: 163165

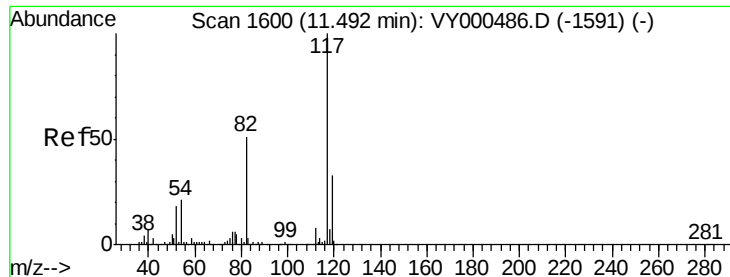
Ion Ratio Lower Upper

95 100

174 78.8 0.0 161.6

176 75.6 0.0 157.8

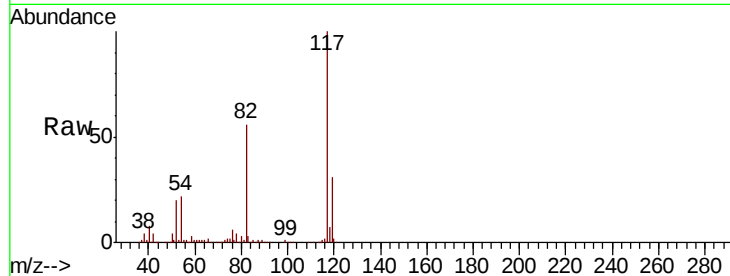




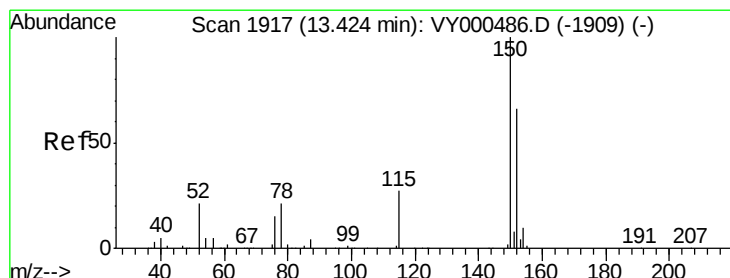
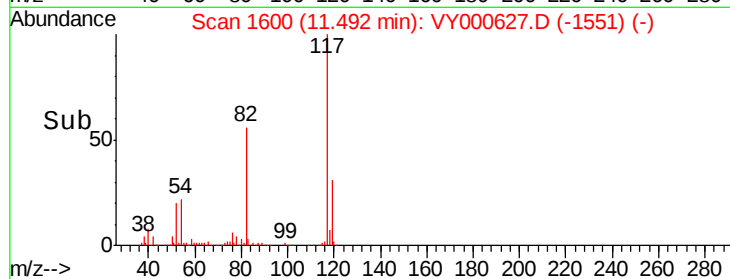
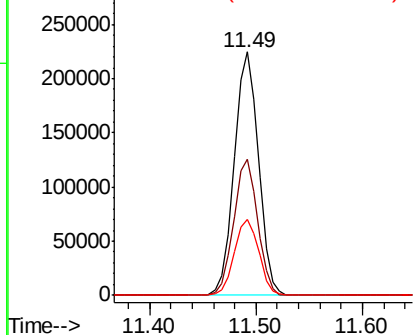
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000627.D
Acq: 08 Nov 2019 18:54

Instrument :
MSVOA_Y
ClientSampleId :
10-D

Tot Ion:117 Resp: 359012
Ion Ratio Lower Upper
117 100
82 56.0 40.8 61.2
119 31.3 26.2 39.2

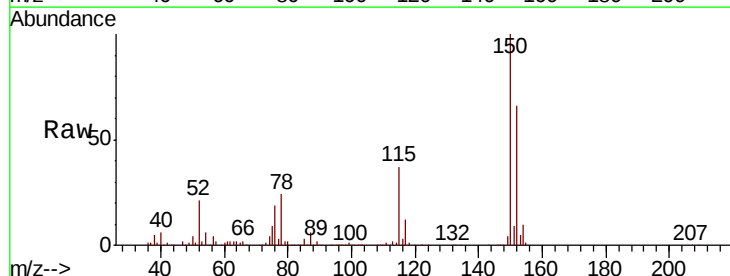


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

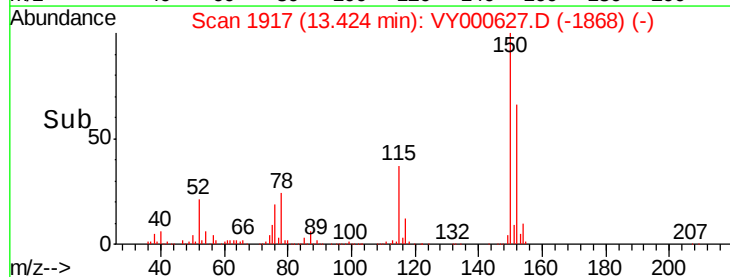
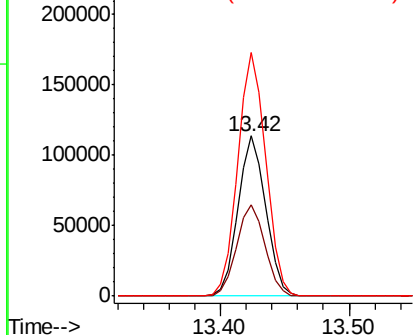


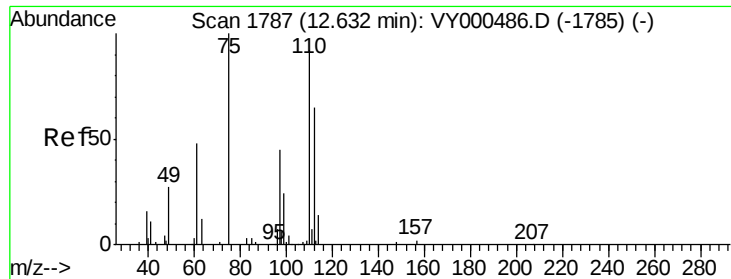
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000627.D
Acq: 08 Nov 2019 18:54

Tgt Ion:152 Resp: 168959
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 154.1 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: 45.997 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

Instrument :

MSVOA_Y

ClientSampleId :

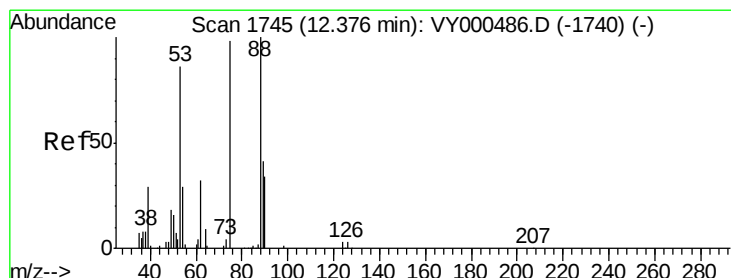
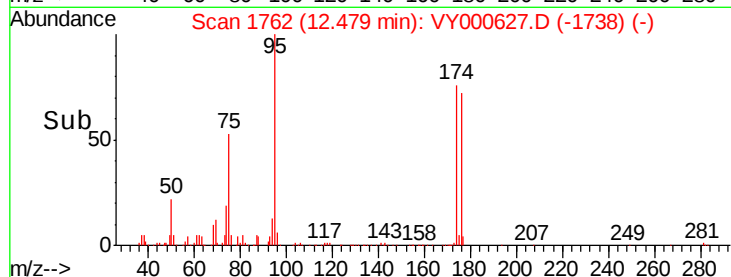
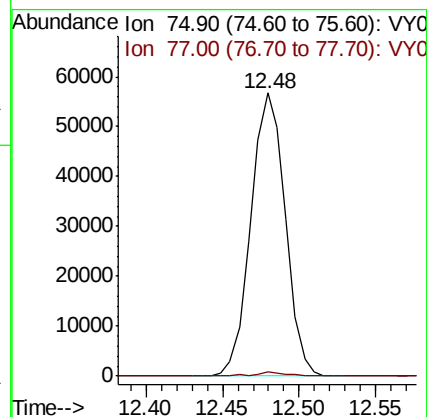
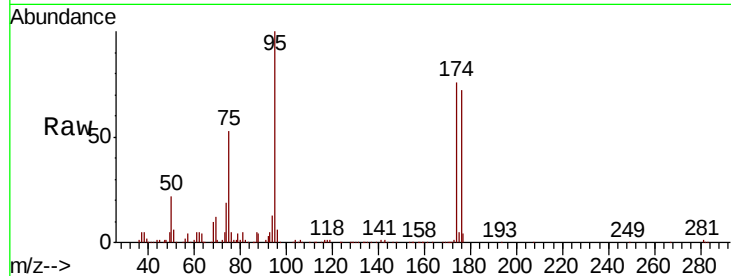
10-D

Tot Ion: 75 Resp: 88490

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.131 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000627.D

Acq: 08 Nov 2019 18:54

Tgt Ion: 75 Resp: 88490

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#

