

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000628.D
 Acq On : 08 Nov 2019 19:16
 Operator : SY/MD
 Sample : K5722-03RE
 Misc : 8.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-C

Quant Time: Nov 11 04:46:49 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

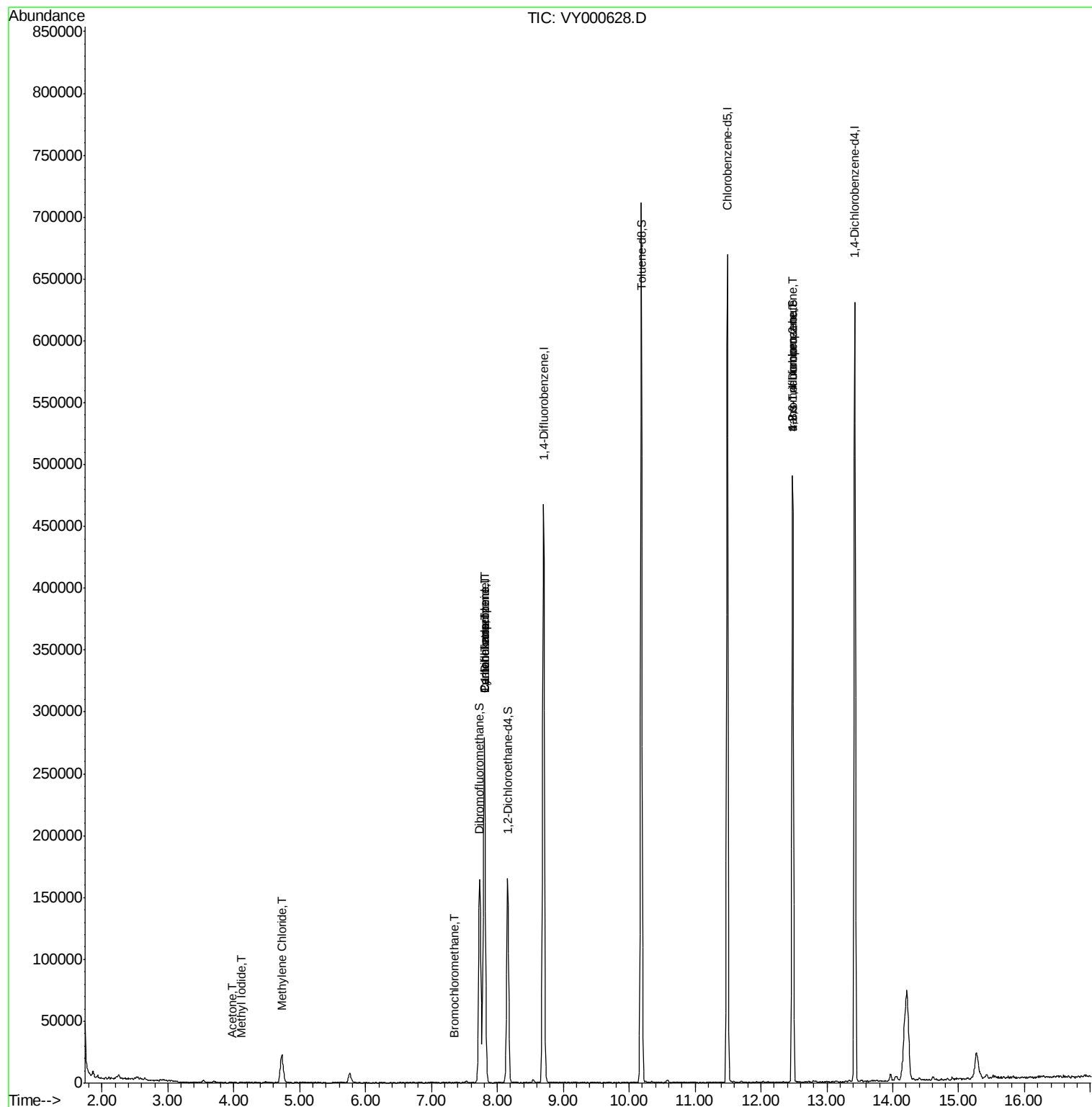
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	388312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	146470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	126471	56.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.20%	
35) Dibromofluoromethane	7.73	113	113841	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.18	98	451494	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.48	95	149903	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	101	3.231	ug/l #	41
16) Acetone	3.96	43	738	1.188	ug/l #	48
20) Methylene Chloride	4.73	84	16994	6.383	ug/l	94
28) Bromochloromethane	7.34	49	48	4.116	ug/l #	14
31) Cyclohexane	7.80	56	5095	1.168	ug/l #	9
36) 1,1-Dichloropropene	7.80	75	17214	4.689	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20756	5.876	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	78227	46.905	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	78227	105.168	ug/l #	13

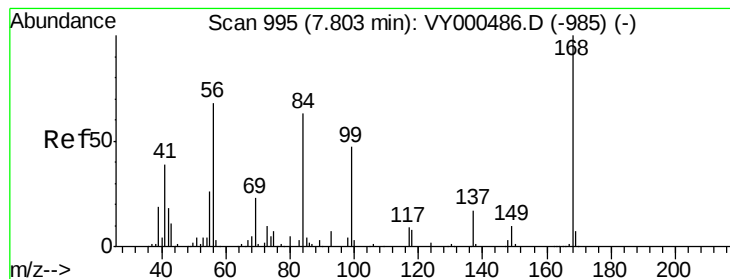
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VY000628.D

Acq: 08 Nov 2019 19:16

Instrument :

MSVOA_Y

ClientSampleId :

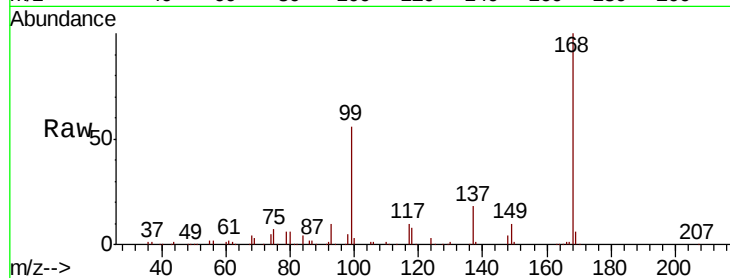
4-C

Tot Ion:168 Resp: 217842

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

60000

40000

20000

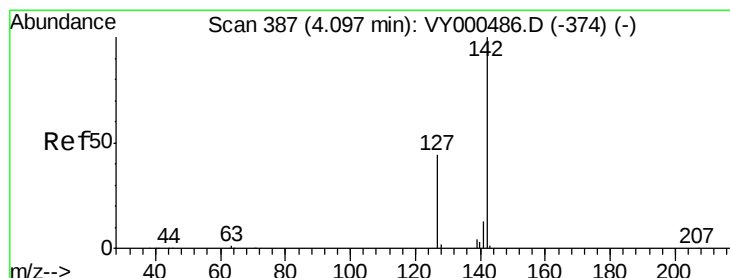
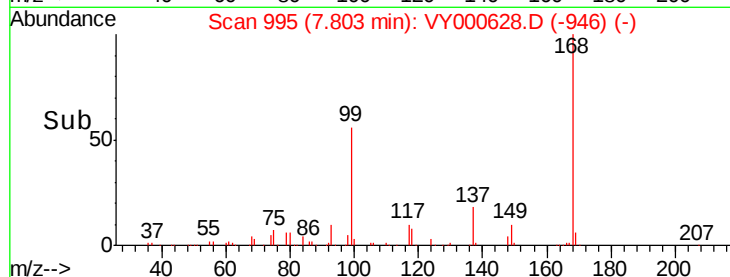
0

Time-->

7.70

7.80

7.90



#10

Methyl Iodide

Concen: 3.231 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

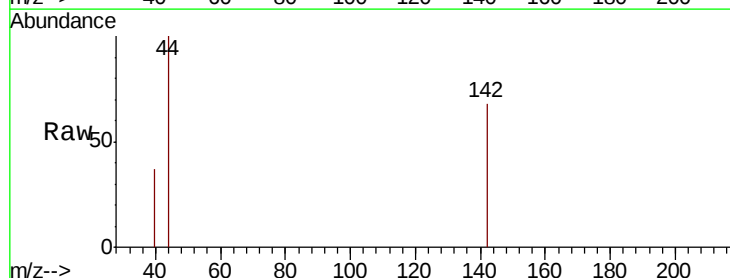
Tgt Ion:142 Resp: 101

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

250

200

150

100

50

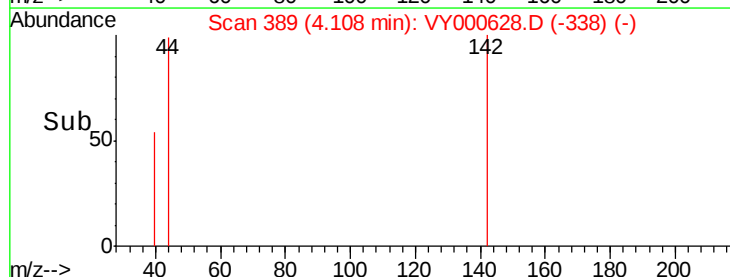
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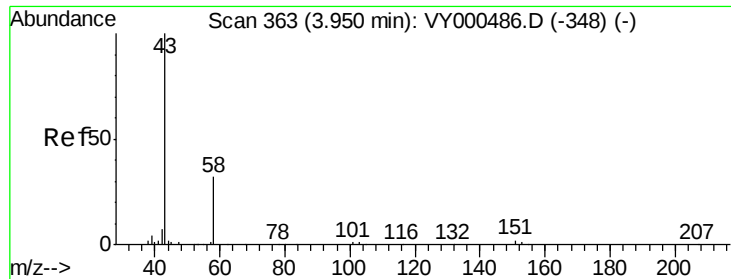
Time-->

4.10

4.11

4.12





#16

Acetone

Concen: 1.188 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

Instrument :

MSVOA_Y

ClientSampleId :

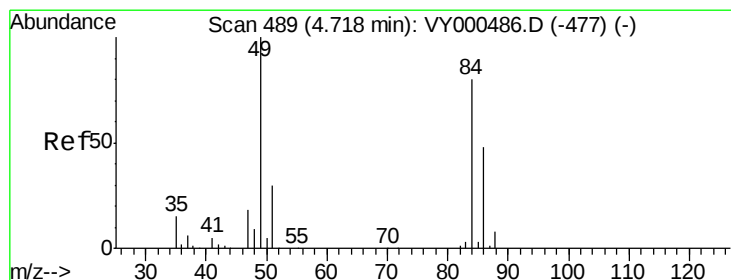
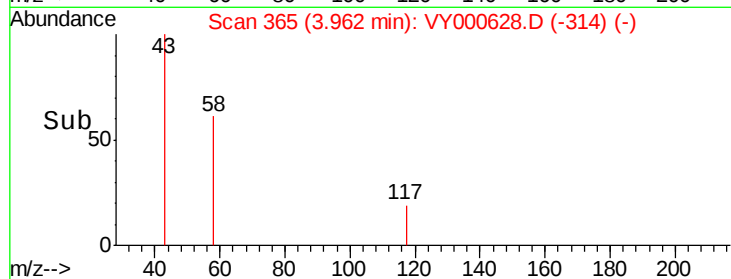
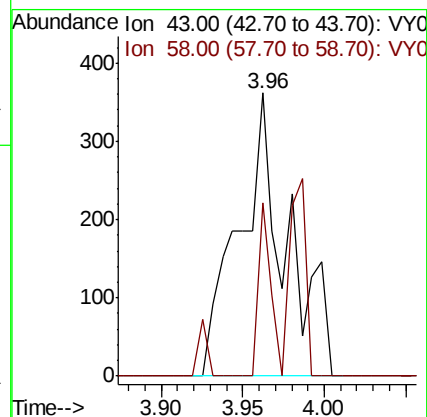
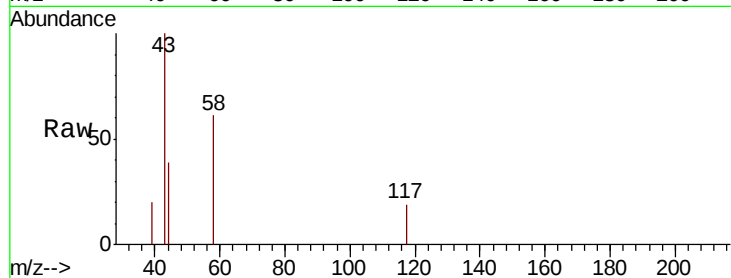
4-C

Tot Ion: 43 Resp: 738

Ion Ratio Lower Upper

43 100

58 61.3 25.8 38.6#



#20

Methylene Chloride

Concen: 6.383 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

Tgt Ion: 84 Resp: 16994

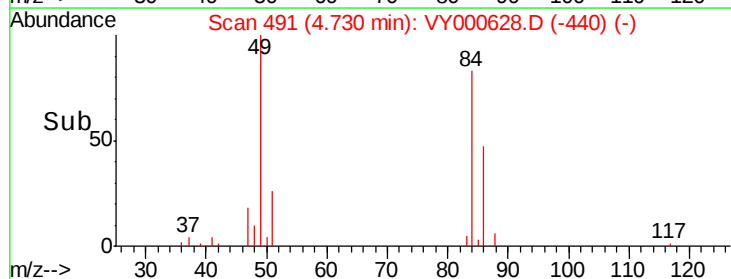
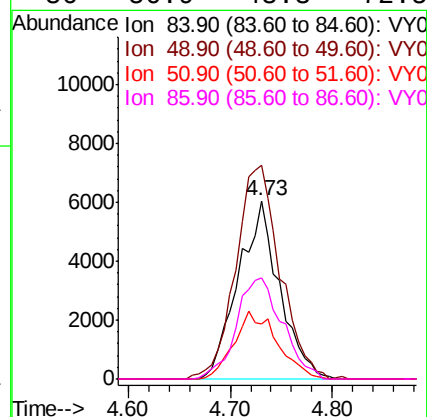
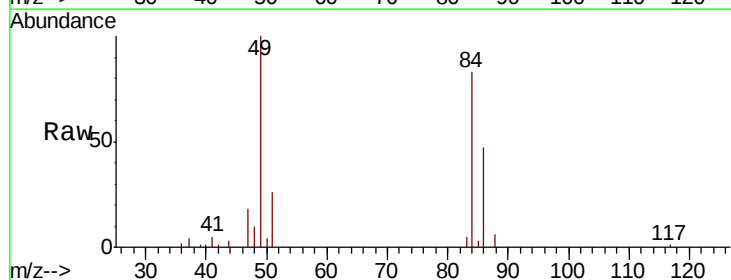
Ion Ratio Lower Upper

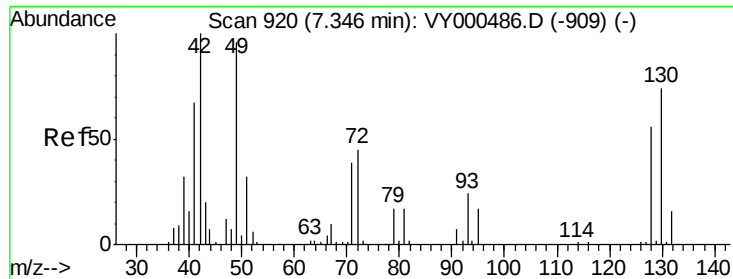
84 100

49 118.5 100.2 150.4

51 31.0 29.6 44.4

86 56.9 48.3 72.5





#28

Bromochloromethane

Concen: 4.116 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

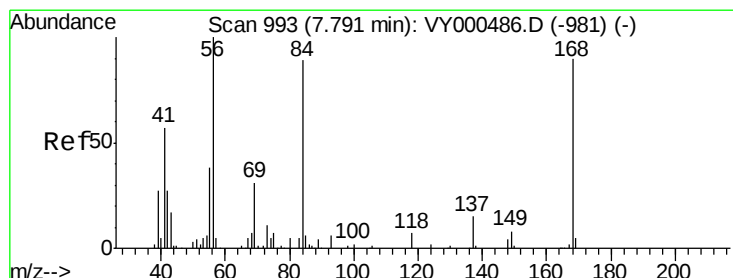
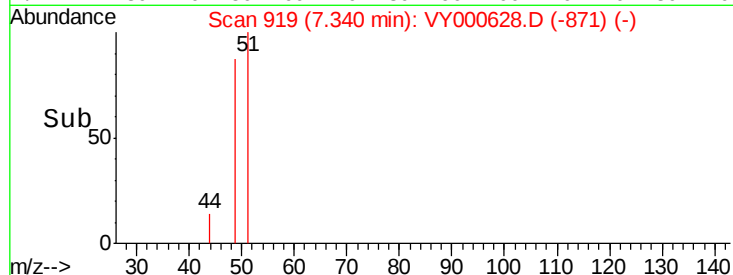
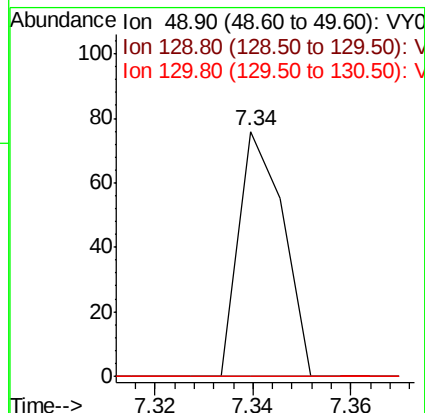
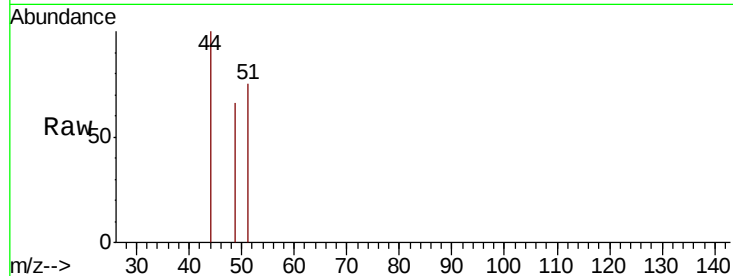
Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

Instrument :
MSVOA_Y
ClientSampleId :
4-C

Tot Ion: 49 Resp: 48

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



#31

Cyclohexane

Concen: 1.168 ug/l

RT: 7.80 min Scan# 994

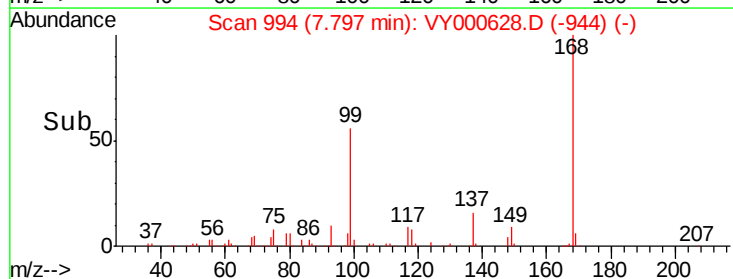
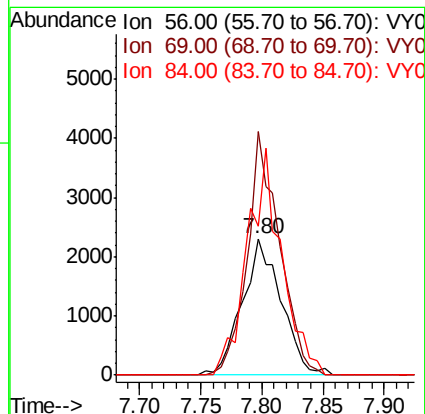
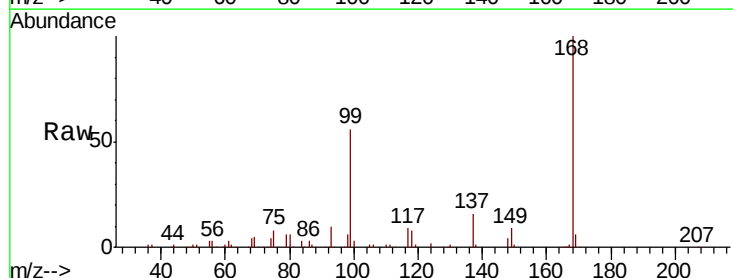
Delta R.T. 0.01 min

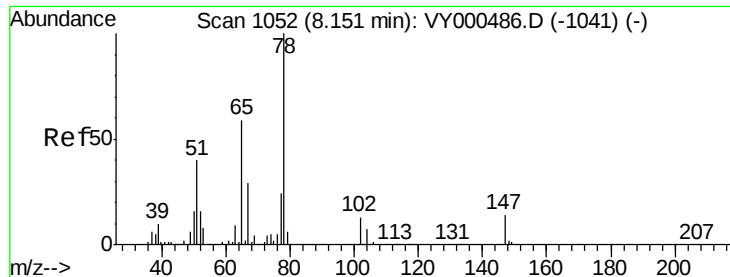
Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

Tgt Ion: 56 Resp: 5095

Ion	Ratio	Lower	Upper
56	100		
69	178.6	25.0	37.6#
84	116.3	71.4	107.2#

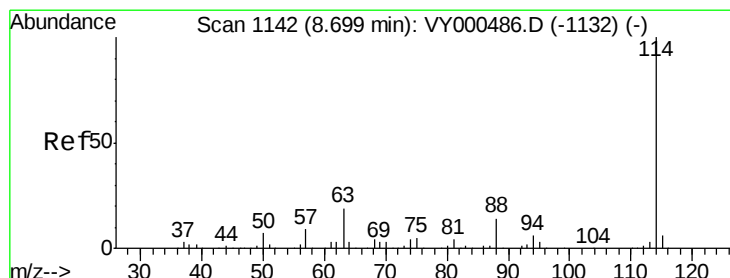
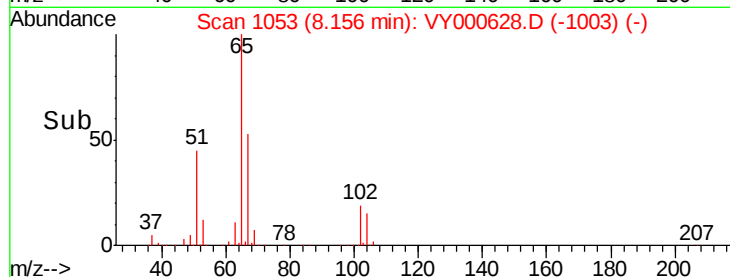
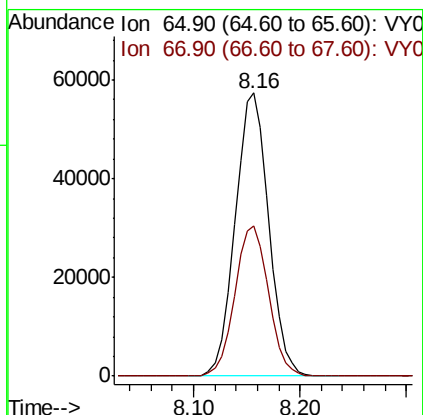
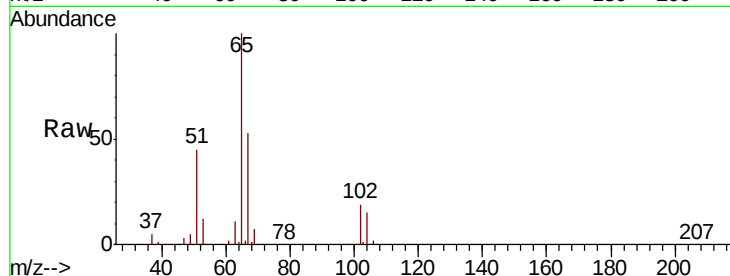




#33
 1,2-Dichloroethane-d4
 Concen: 56.100 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000628.D
 Acq: 08 Nov 2019 19:16

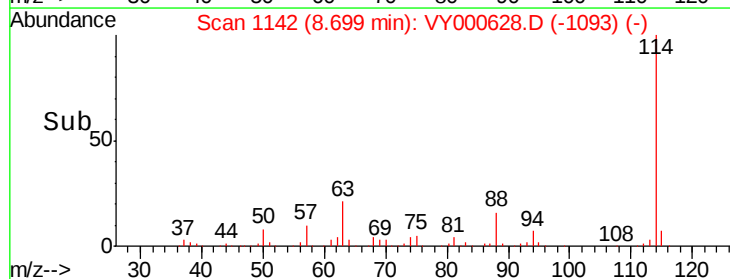
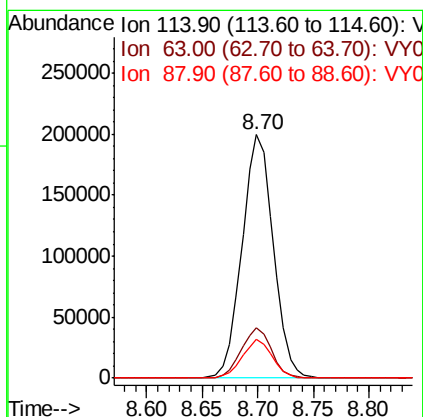
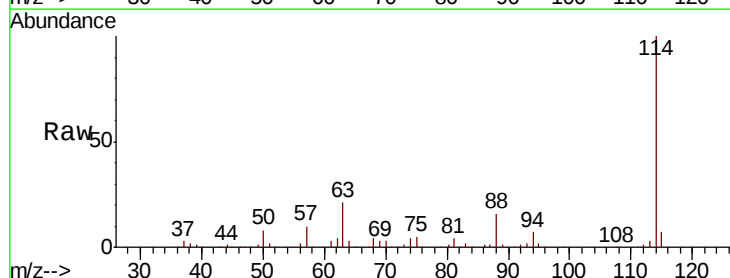
Instrument :
 MSVOA_Y
 ClientSampleId :
 4-C

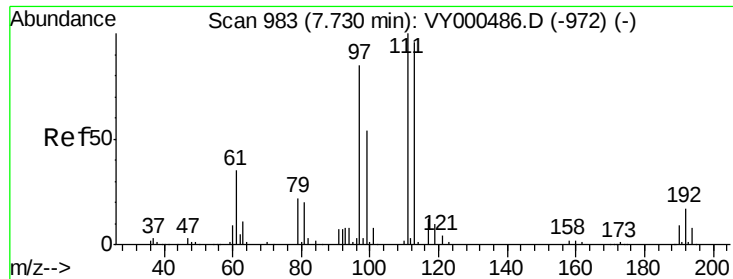
Tot Ion: 65 Resp: 126471
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000628.D
 Acq: 08 Nov 2019 19:16

Tgt Ion: 114 Resp: 388312
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.0
 88 16.2 0.0 28.6

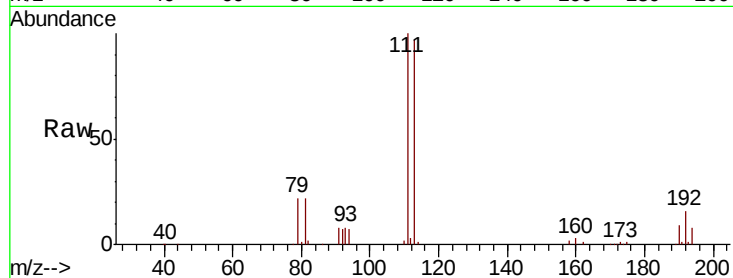




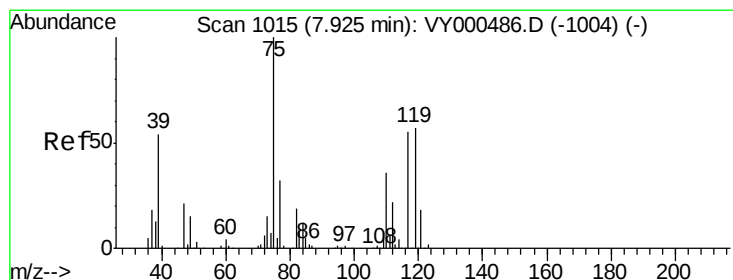
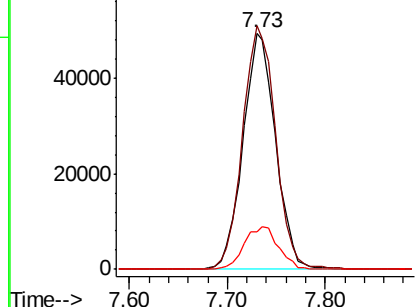
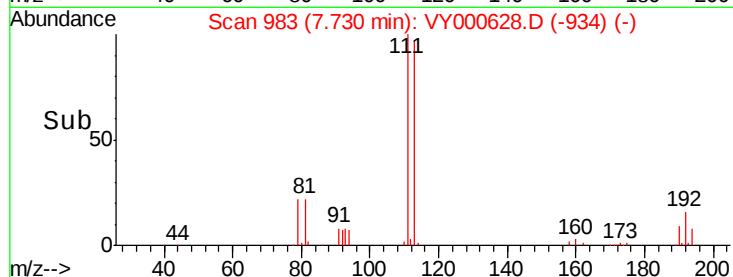
#35
 Dibromofluoromethane
 Concen: 49.938 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000628.D
 Acq: 08 Nov 2019 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-C

Tot Ion:113 Resp: 113841
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.7 122.5
 192 18.9 15.0 22.4

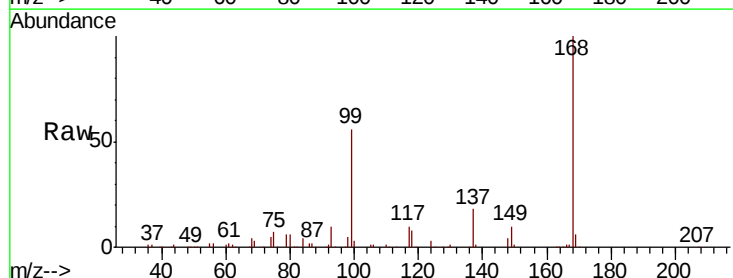


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

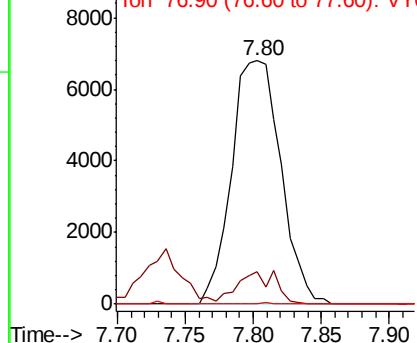
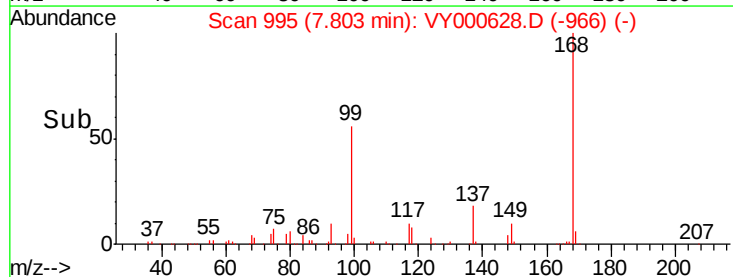


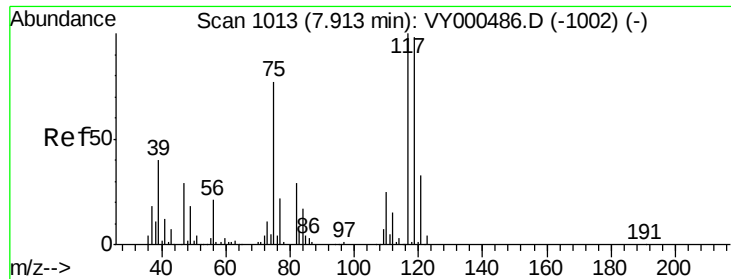
#36
 1,1-Dichloropropene
 Concen: 4.689 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000628.D
 Acq: 08 Nov 2019 19:16

Tgt Ion: 75 Resp: 17214
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.1#
 77 0.1 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: 5.876 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

Instrument :

MSVOA_Y

ClientSampleId :

4-C

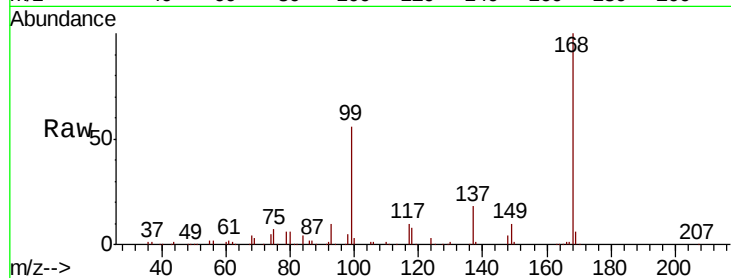
Tot Ion:117 Resp: 20756

Ion Ratio Lower Upper

117 100

119 3.4 78.0 117.0#

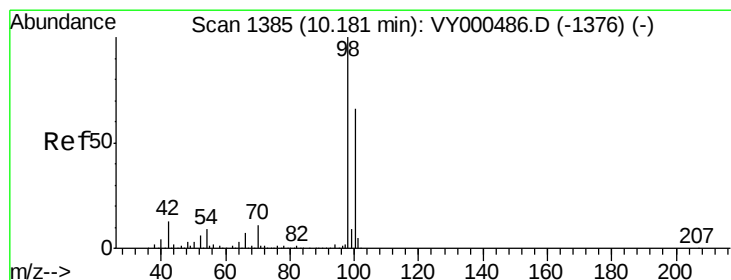
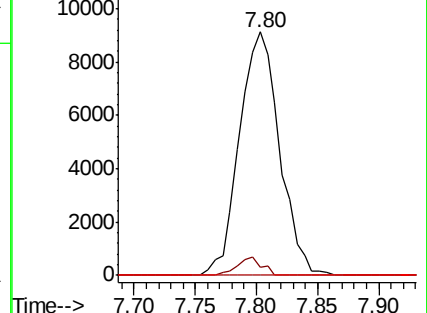
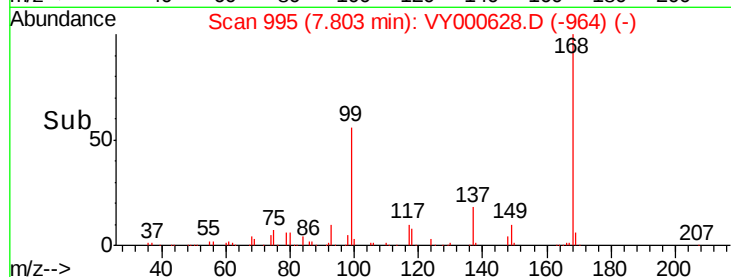
121 0.0 26.6 40.0#



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: 52.196 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000628.D

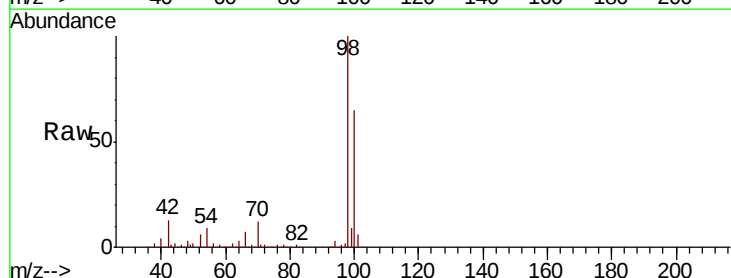
Acq: 08 Nov 2019 19:16

Tgt Ion: 98 Resp: 451494

Ion Ratio Lower Upper

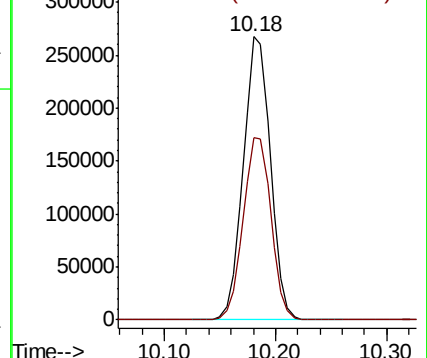
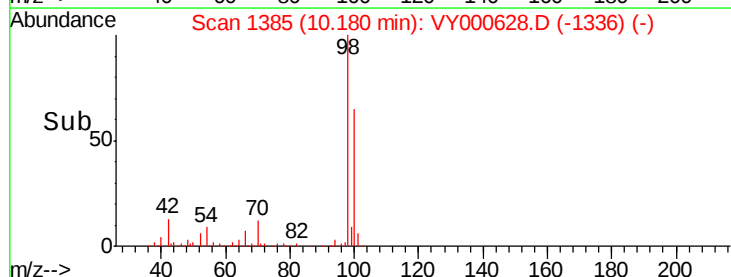
98 100

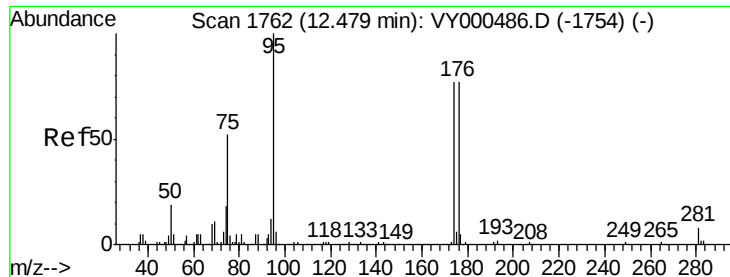
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

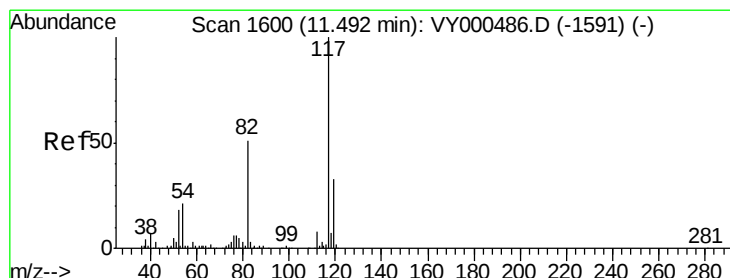
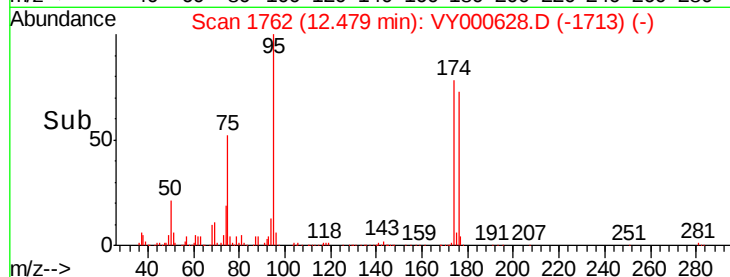
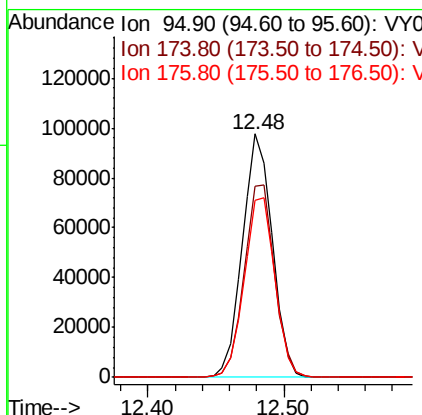
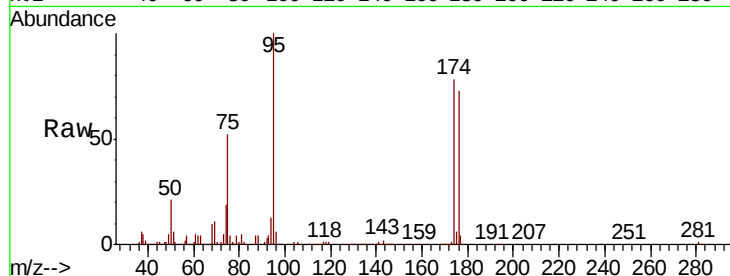




#62
4-Bromofluorobenzene
Concen: 45.521 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000628.D
Acq: 08 Nov 2019 19:16

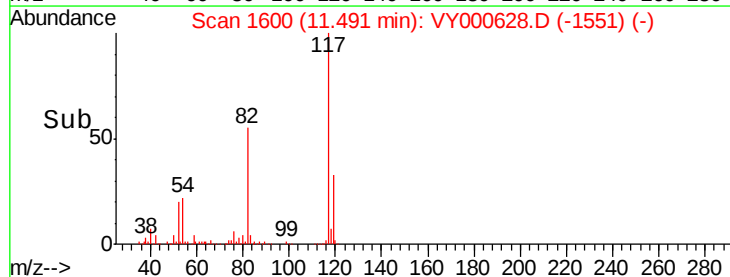
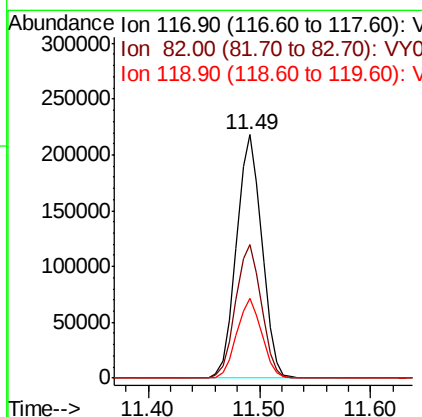
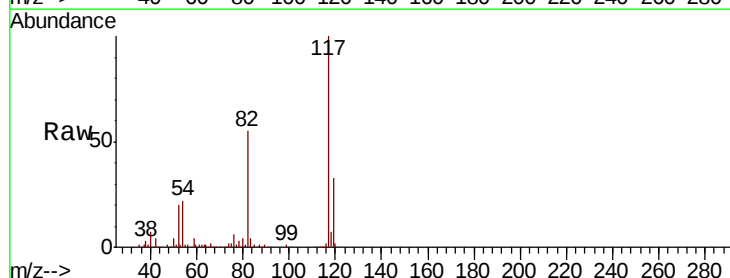
Instrument :
MSVOA_Y
ClientSampleId :
4-C

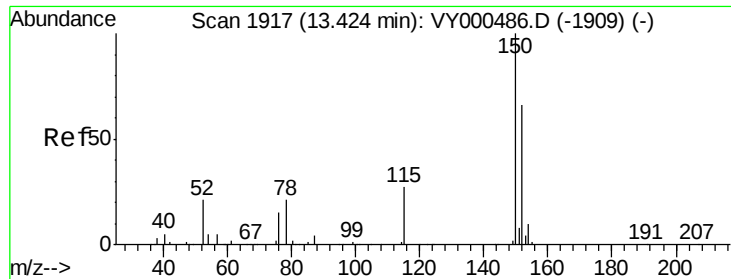
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	161.6
176	76.0	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000628.D
Acq: 08 Nov 2019 19:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	40.8	61.2
119	32.8	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: VY000628.D

Acq: 08 Nov 2019 19:16

Instrument :

MSVOA_Y

ClientSampleId :

4-C

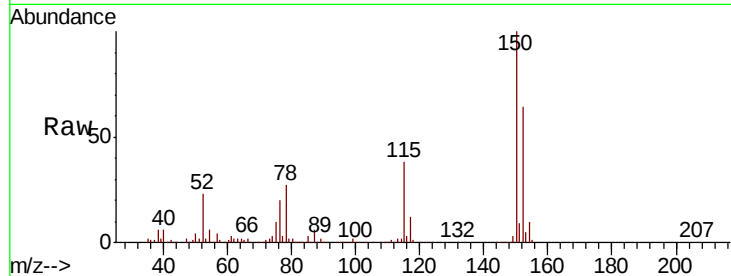
Tot Ion:152 Resp: 146470

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.4

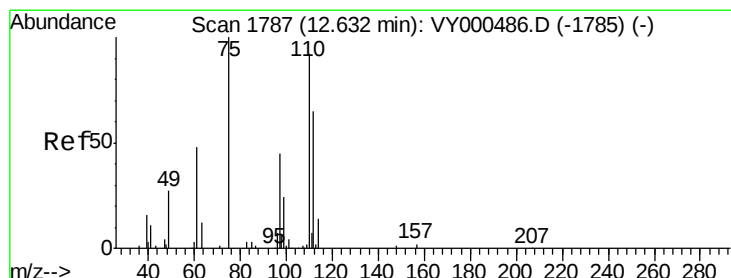
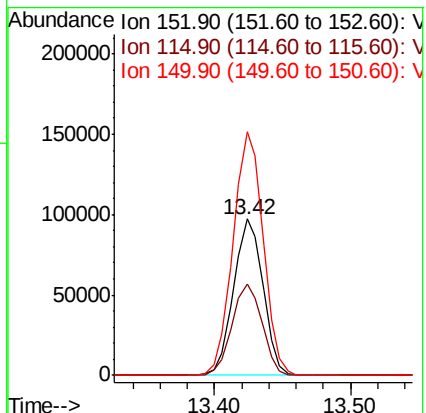
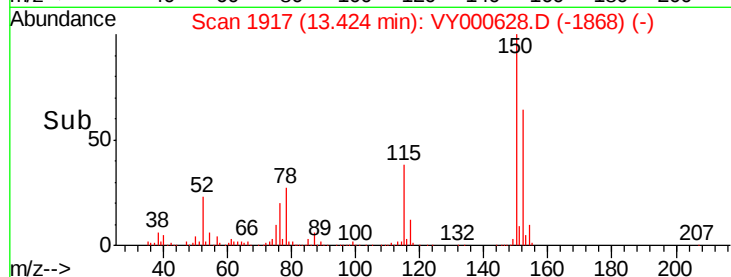
150 159.1 0.0 348.8



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: 46.905 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000628.D

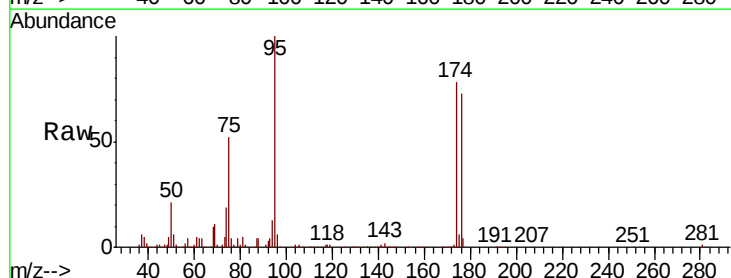
Acq: 08 Nov 2019 19:16

Tgt Ion: 75 Resp: 78227

Ion Ratio Lower Upper

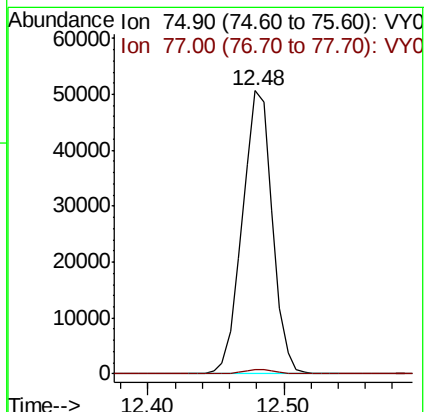
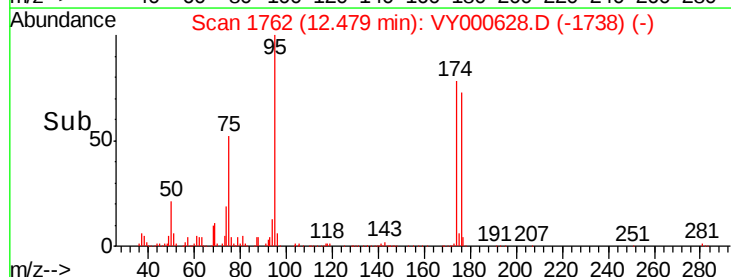
75 100

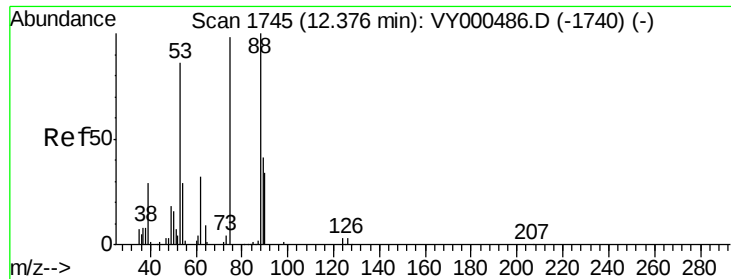
77 1.5 0.0 0.0#



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: 105.168 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000628.D

Acq: 08 Nov 2019 19:16

Instrument :

MSVOA_Y

ClientSampleId :

4-C

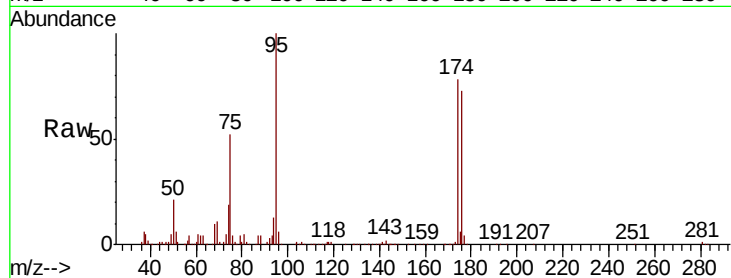
Tot Ion: 75 Resp: 78227

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#



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

