

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000601.D
 Acq On : 07 Nov 2019 23:52
 Operator : SY/MD
 Sample : K5722-05
 Misc : 5.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-A

Quant Time: Nov 08 09:51:36 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	229724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	410400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	138324	58.18	ug/l	0.00
Spiked Amount						
			Recovery	=	116.36%	
35) Dibromofluoromethane	7.73	113	114219	47.41	ug/l	0.00
Spiked Amount						
			Recovery	=	94.82%	
50) Toluene-d8	10.18	98	483674	52.91	ug/l	0.00
Spiked Amount						
			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.48	95	159839	45.93	ug/l	0.00
Spiked Amount						
			Recovery	=	91.86%	

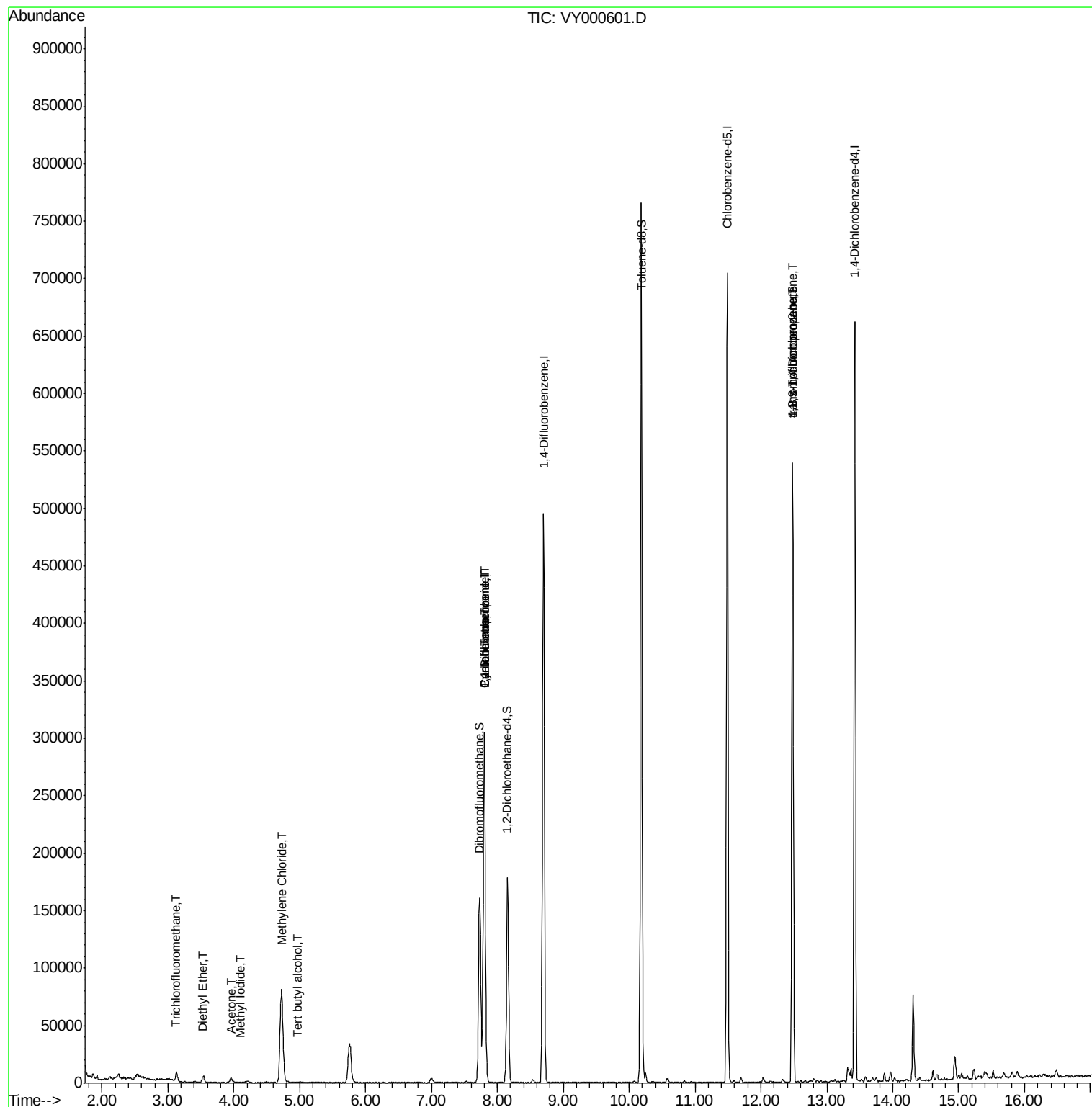
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	3.13	101	8295	2.123	ug/l	90
8) Diethyl Ether	3.52	74	3237	2.332	ug/l	91
10) Methyl Iodide	4.11	142	366	3.310	ug/l #	41
11) Tert butyl alcohol	4.97	59	611	2.640	ug/l #	72
16) Acetone	3.96	43	6803	10.383	ug/l #	84
20) Methylene Chloride	4.72	84	62578	22.289	ug/l	97
31) Cyclohexane	7.81	56	5184	1.127	ug/l #	40
36) 1,1-Dichloropropene	7.80	75	18389	4.740	ug/l #	50
38) Carbon Tetrachloride	7.80	117	23665	6.339	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	84697	47.193	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	84697	105.813	ug/l #	13

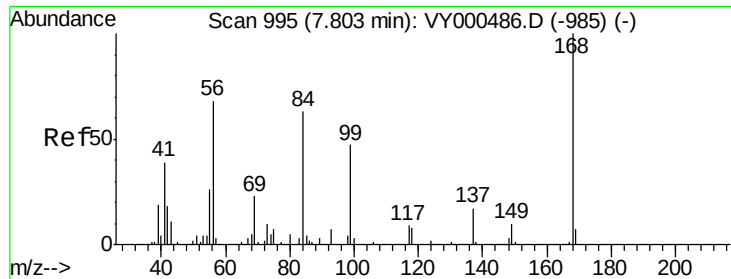
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
Data File : VY000601.D
Acq On : 07 Nov 2019 23:52
Operator : SY/MD
Sample : K5722-05
Misc : 5.53G/5ML/MSVOA_Y/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
5-A

Quant Time: Nov 08 09:51:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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: VY000601.D

Acq: 07 Nov 2019 23:52

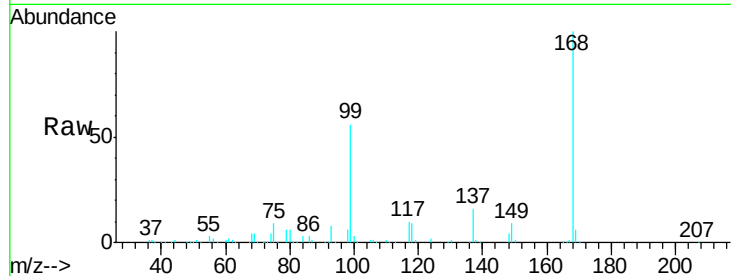
Instrument :
MSVOA_Y
ClientSampled :
5-A

Tgt Ion:168 Resp: 229724

Ion Ratio Lower Upper

168 100

99 56.2 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

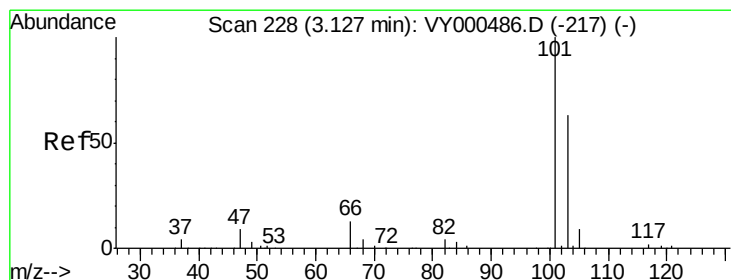
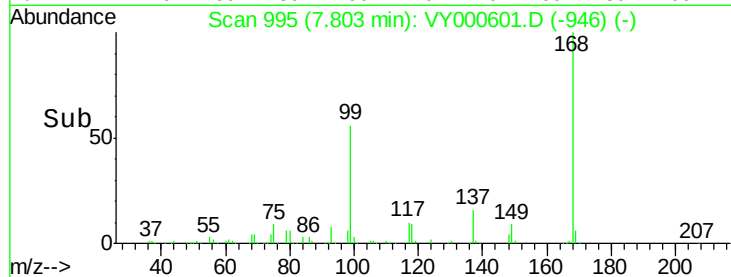
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.123 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000601.D

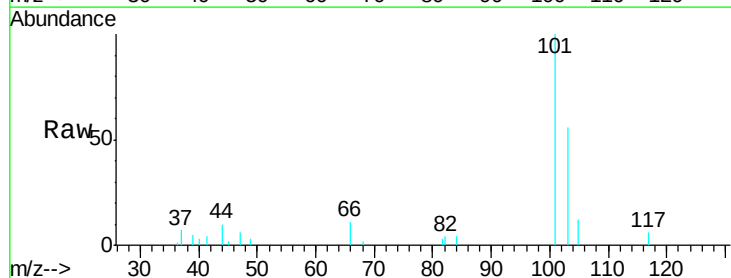
Acq: 07 Nov 2019 23:52

Tgt Ion:101 Resp: 8295

Ion Ratio Lower Upper

101 100

103 55.5 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

4000

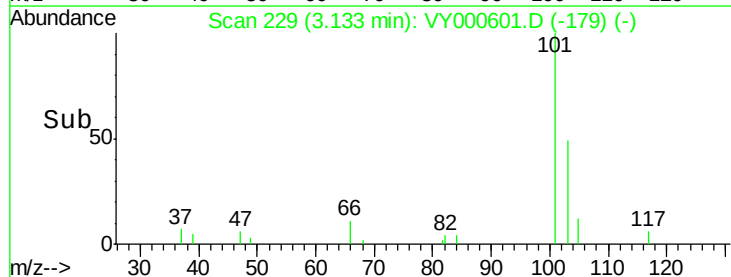
3000

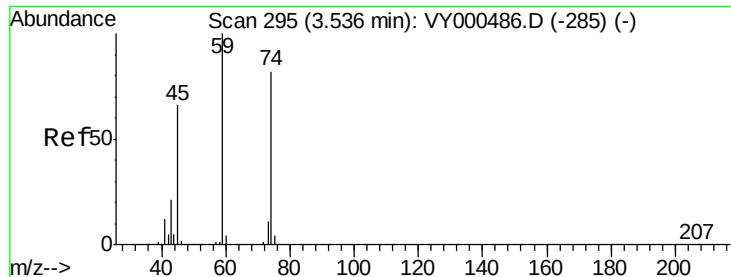
2000

1000

0

Time-->





#8

Diethyl Ether

Concen: 2.332 ug/l

RT: 3.52 min Scan# 293

Delta R.T. -0.01 min

Lab File: VY000601.D

Acq: 07 Nov 2019 23:52

Instrument :

MSVOA_Y

ClientSampleId :

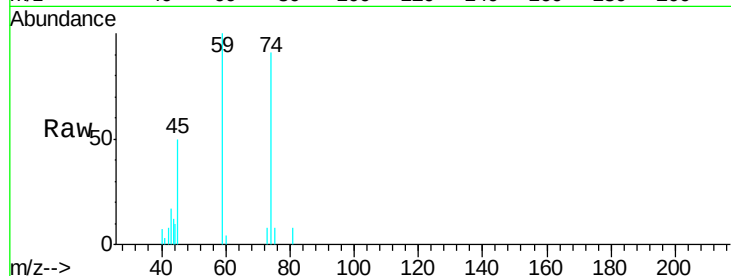
5-A

Tgt Ion: 74 Resp: 3237

Ion Ratio Lower Upper

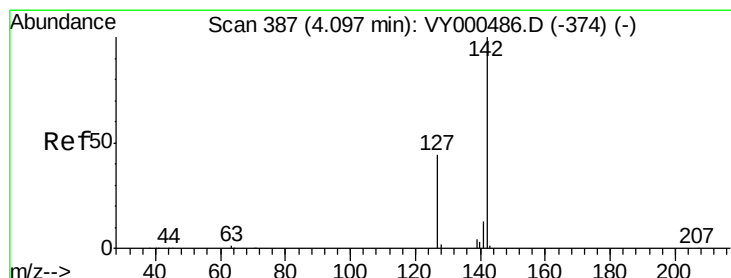
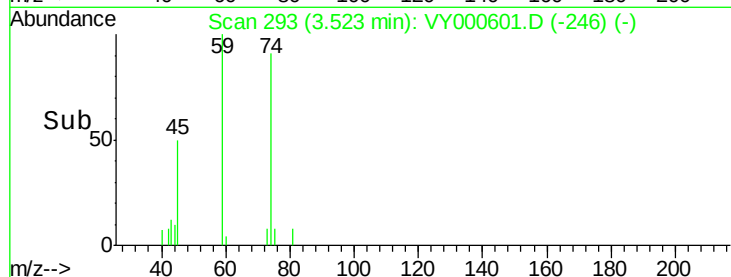
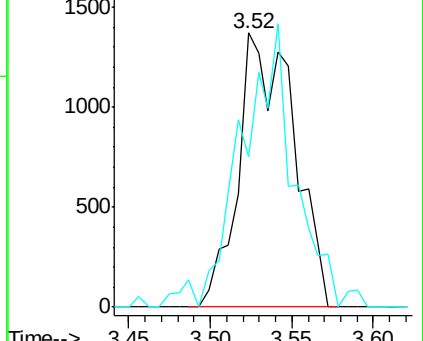
74 100

45 99.8 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#10

Methyl Iodide

Concen: 3.310 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000601.D

Acq: 07 Nov 2019 23:52

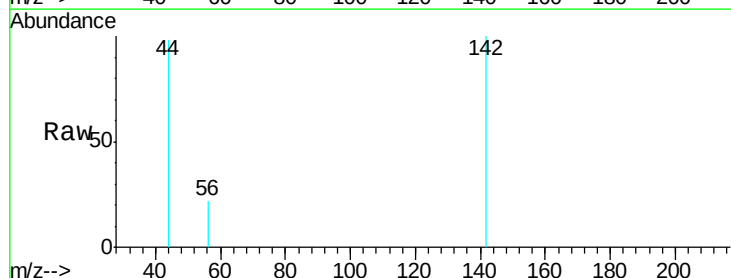
Tgt Ion: 142 Resp: 366

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

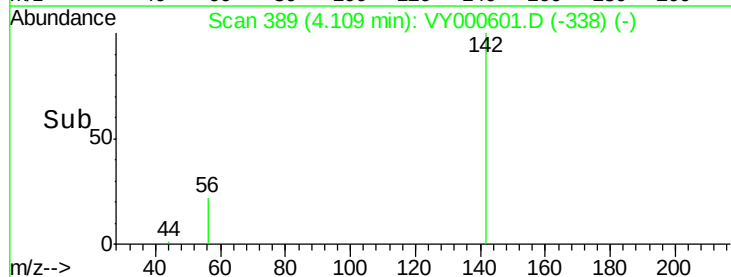
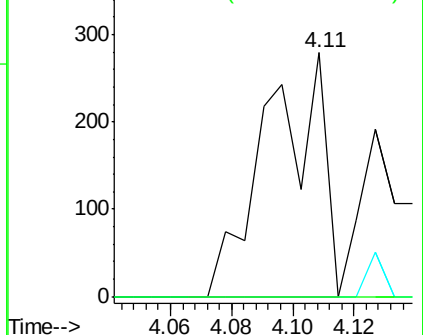
141 0.0 10.9 16.3#

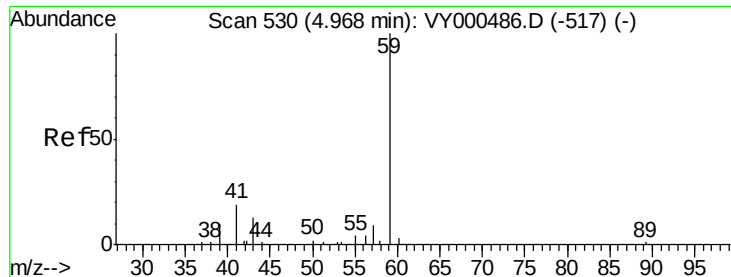


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

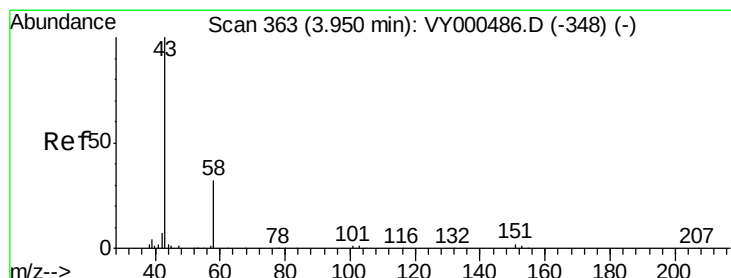
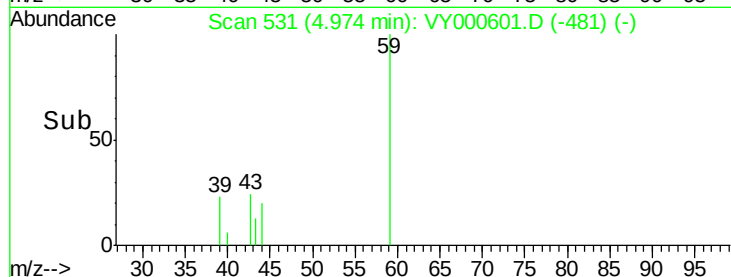
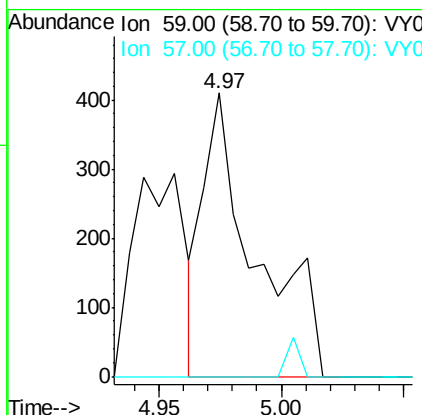
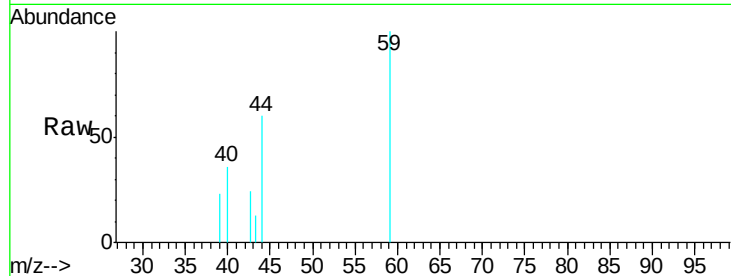




#11
Tert butyl alcohol
Concen: 2.640 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

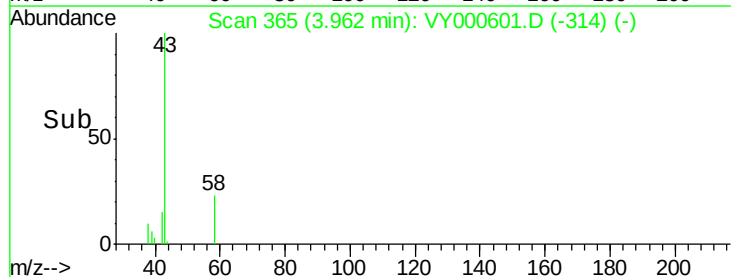
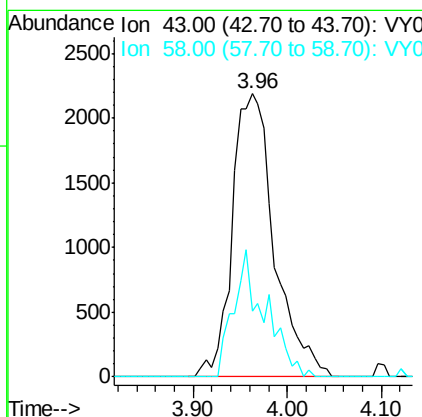
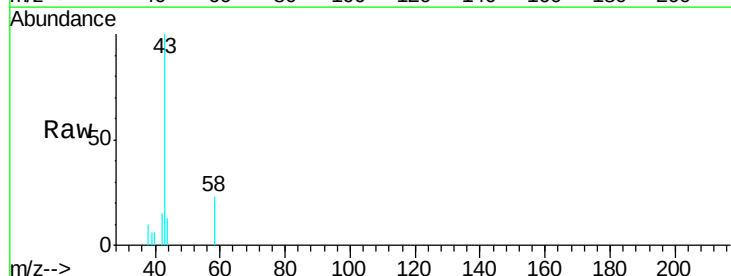
Instrument :
MSVOA_Y
ClientSampled :
5-A

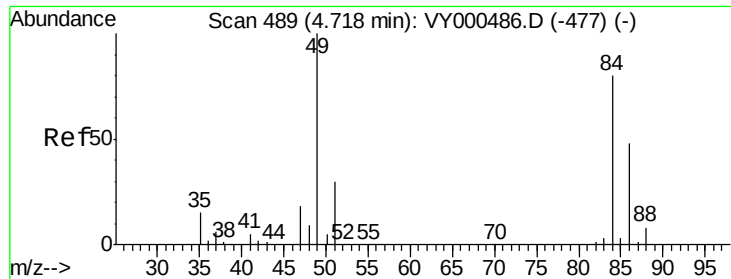
Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 10.383 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Tgt Ion: 43 Resp: 6803
Ion Ratio Lower Upper
43 100
58 23.2 25.8 38.6#

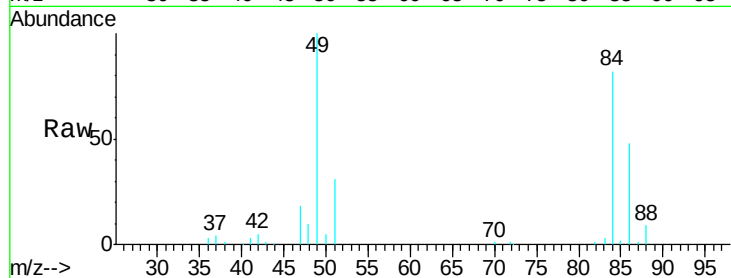




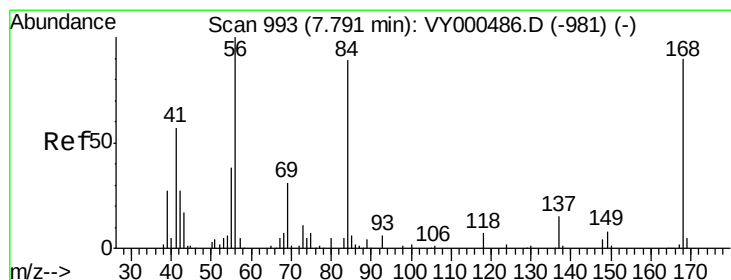
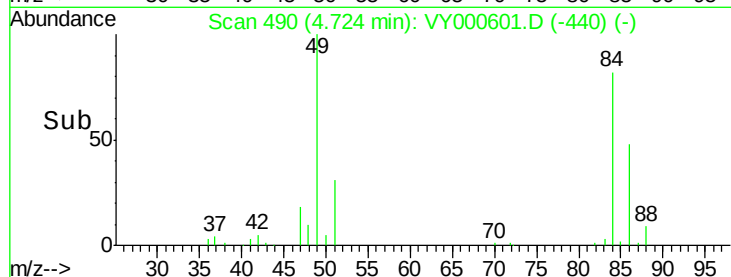
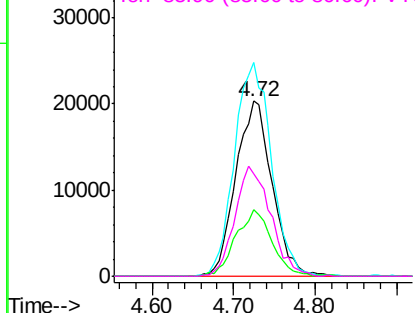
#20
Methylene Chloride
Concen: 22.289 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Instrument :
MSVOA_Y
ClientSampleId :
5-A

Tgt Ion: 84 Resp: 62578
Ion Ratio Lower Upper
84 100
49 122.0 100.2 150.4
51 38.2 29.6 44.4
86 58.6 48.3 72.5

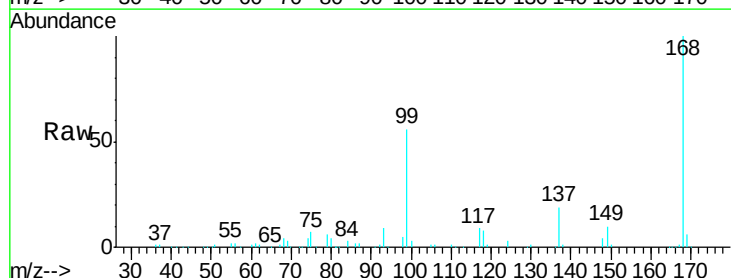


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

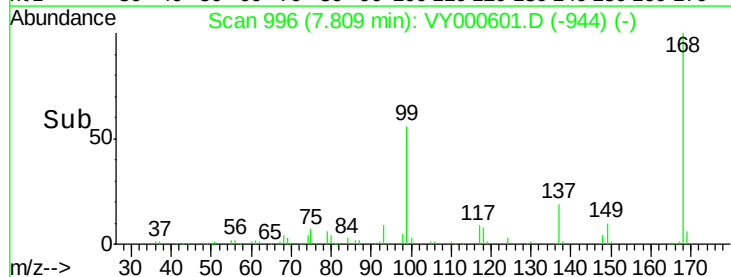
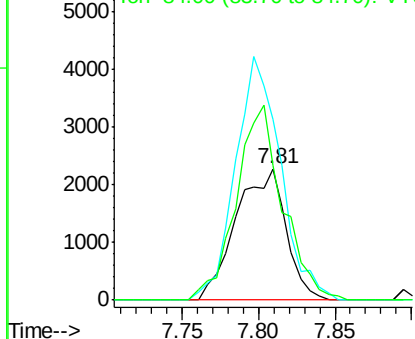


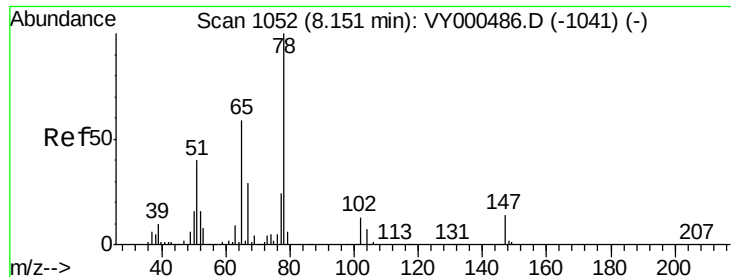
#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.02 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Tgt Ion: 56 Resp: 5184
Ion Ratio Lower Upper
56 100
69 137.7 25.0 37.6#
84 102.4 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

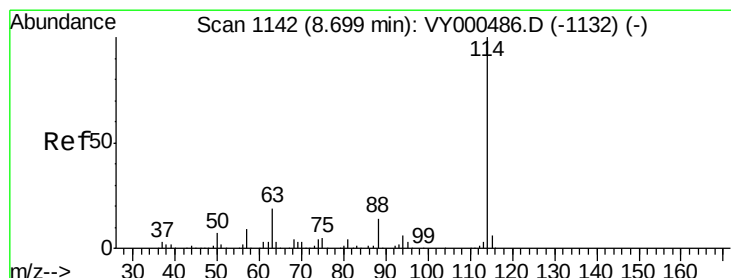
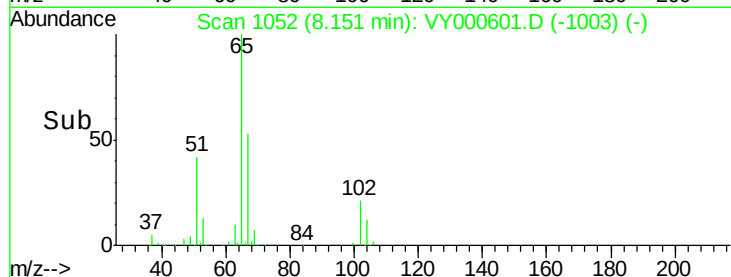
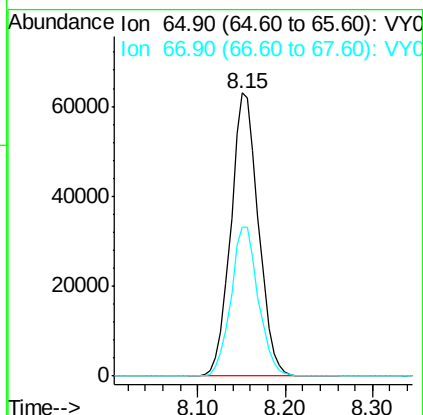
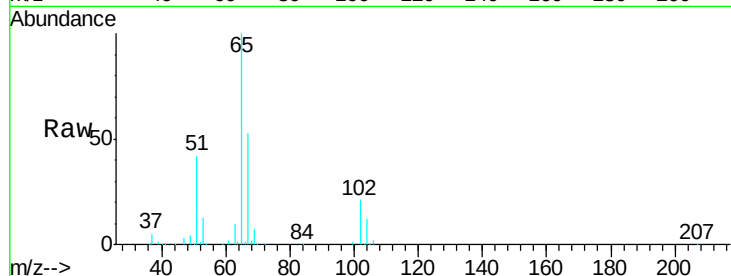




#33
 1,2-Dichloroethane-d4
 Concen: 58.184 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000601.D
 Acq: 07 Nov 2019 23:52

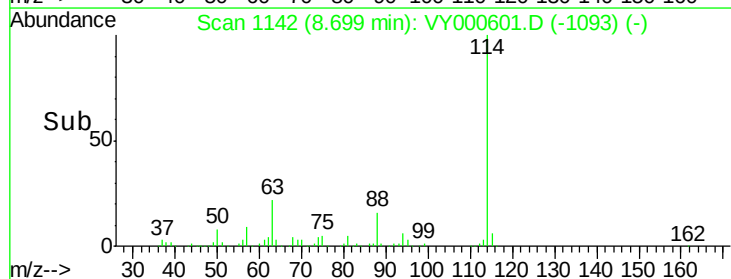
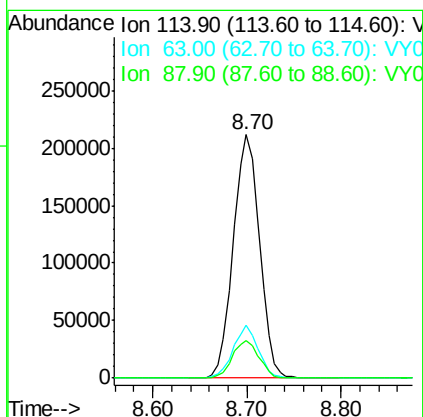
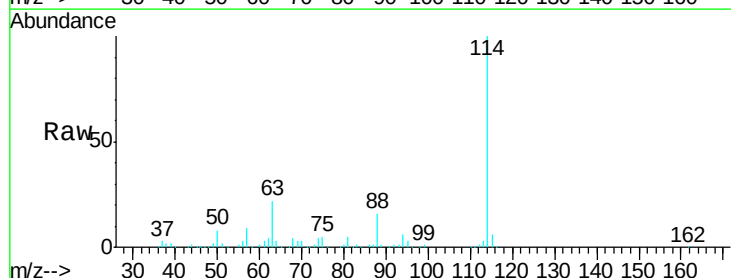
Instrument :
 MSVOA_Y
 ClientSampleId :
 5-A

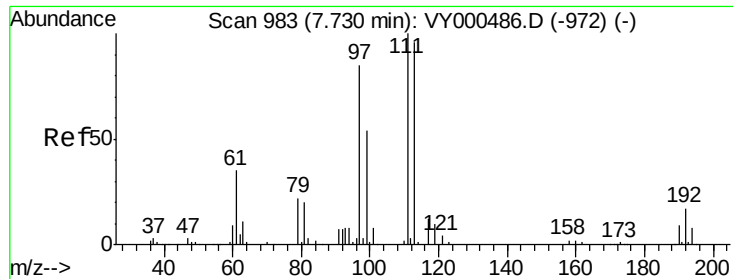
Tgt Ion: 65 Resp: 138324
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000601.D
 Acq: 07 Nov 2019 23:52

Tgt Ion: 114 Resp: 410400
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 38.0
 88 15.5 0.0 28.6

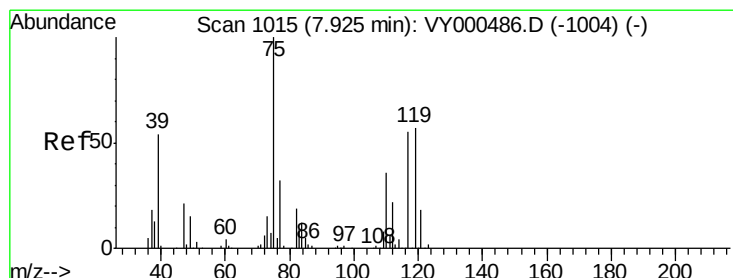
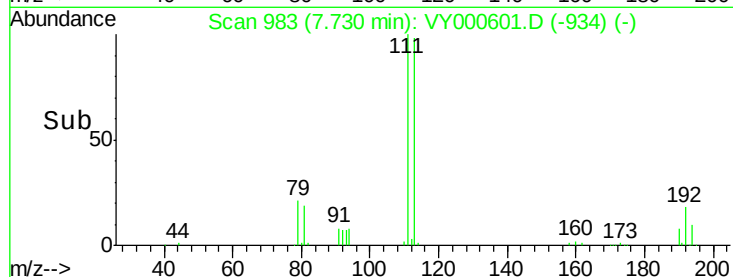
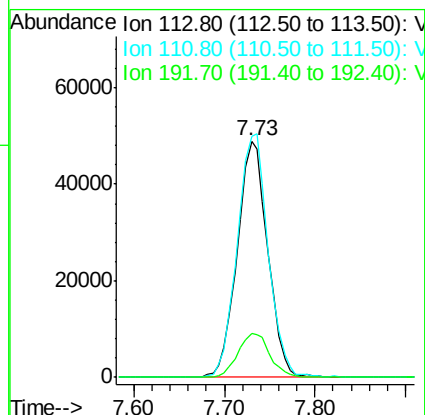
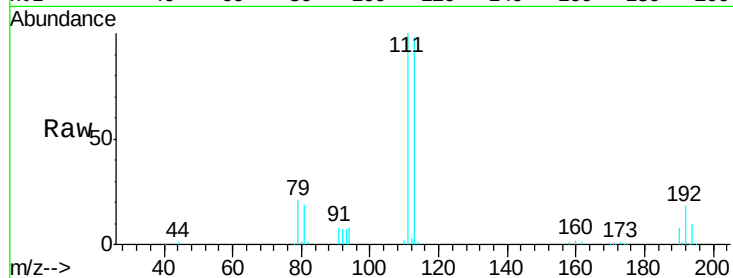




#35
 Dibromofluoromethane
 Concen: 47.407 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000601.D
 Acq: 07 Nov 2019 23:52

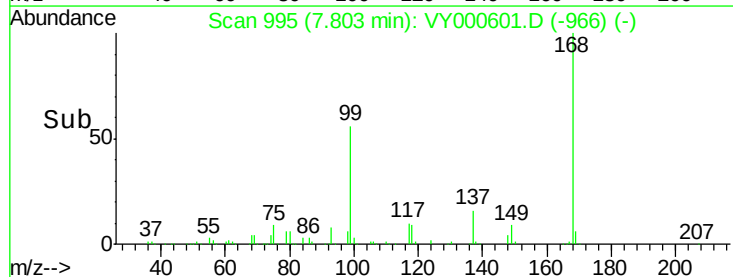
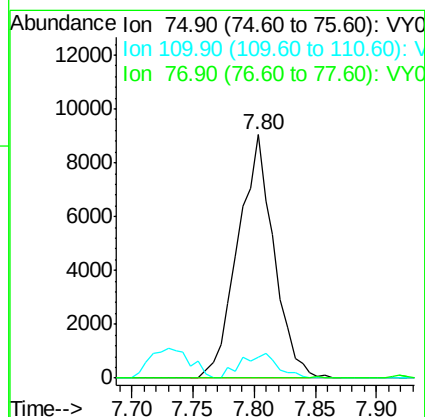
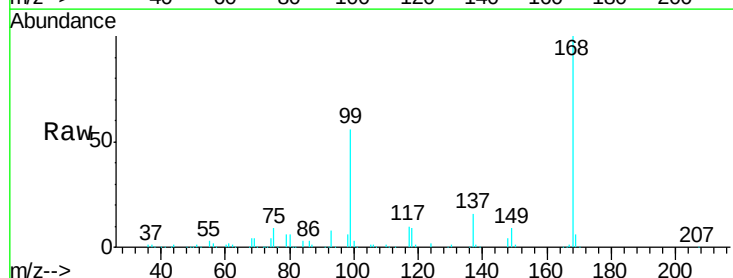
Instrument :
 MSVOA_Y
 ClientSampleId :
 5-A

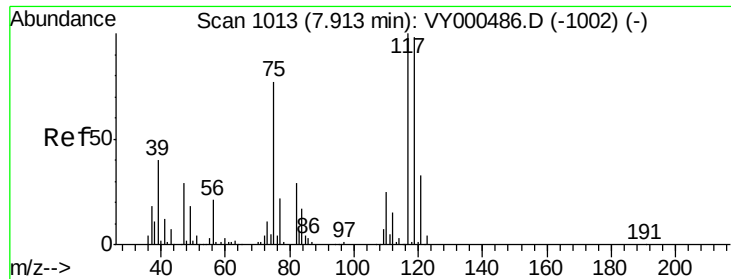
Tgt Ion:113 Resp: 114219
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 19.3 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.740 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000601.D
 Acq: 07 Nov 2019 23:52

Tgt Ion: 75 Resp: 18389
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.1#
 77 0.0 25.0 37.6#

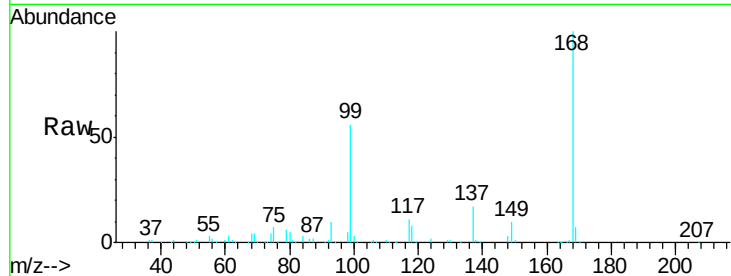




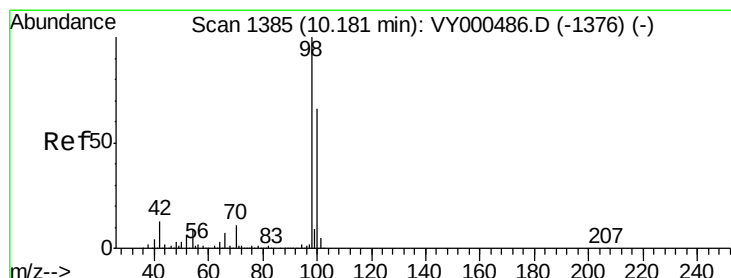
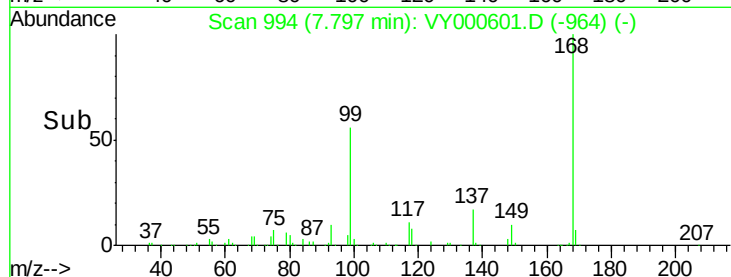
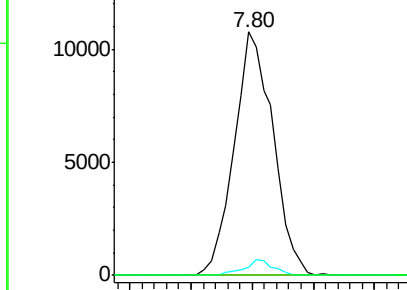
#38
Carbon Tetrachloride
Concen: 6.339 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Instrument :
MSVOA_Y
ClientSampleId :
5-A

Tgt Ion:117 Resp: 23665
Ion Ratio Lower Upper
117 100
119 3.2 78.0 117.0#
121 0.0 26.6 40.0#

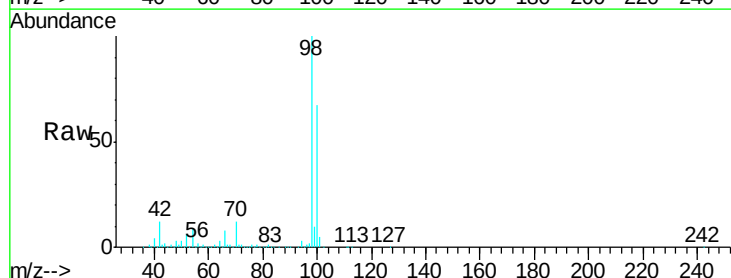


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

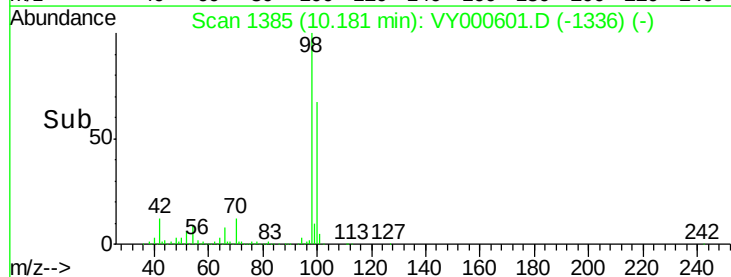
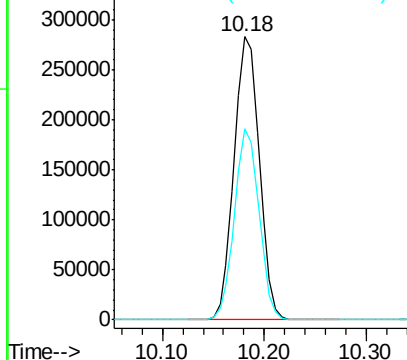


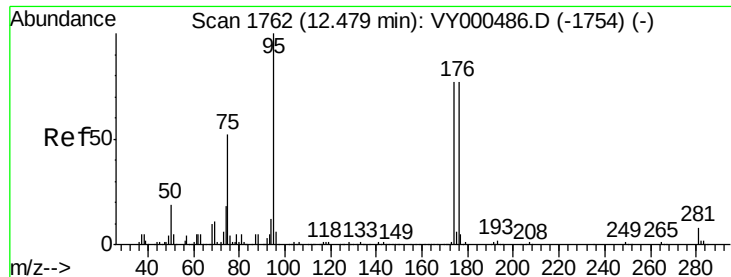
#50
Toluene-d8
Concen: 52.906 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Tgt Ion: 98 Resp: 483674
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

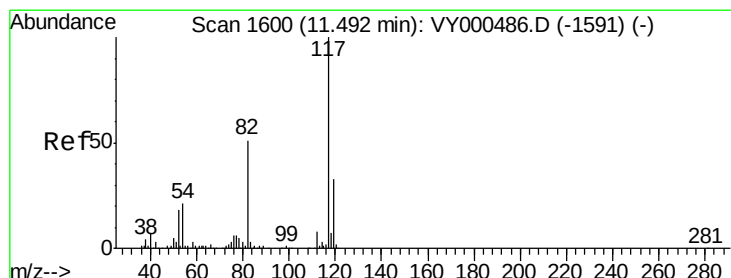
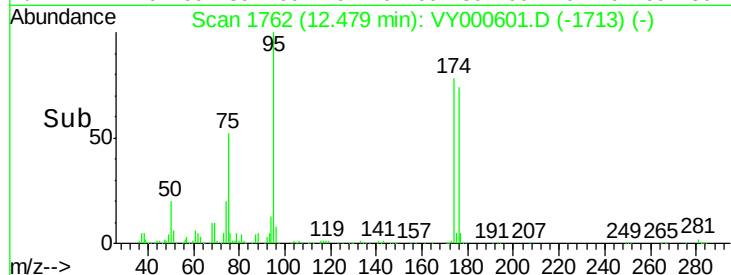
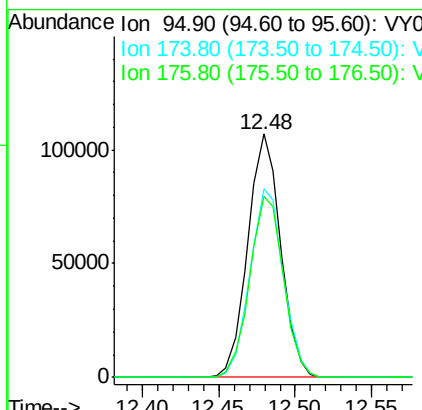
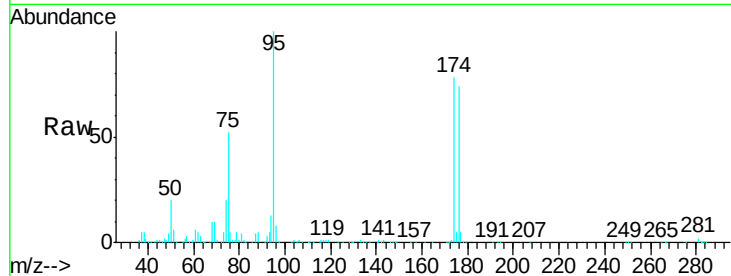




#62
4-Bromofluorobenzene
Concen: 45.926 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

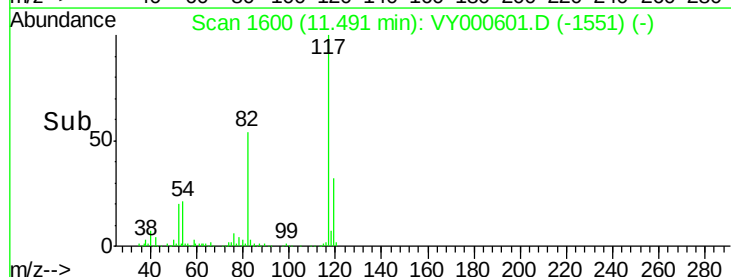
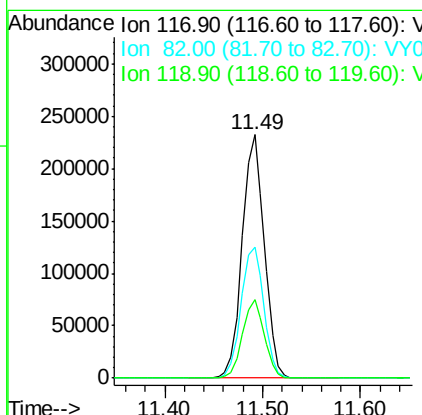
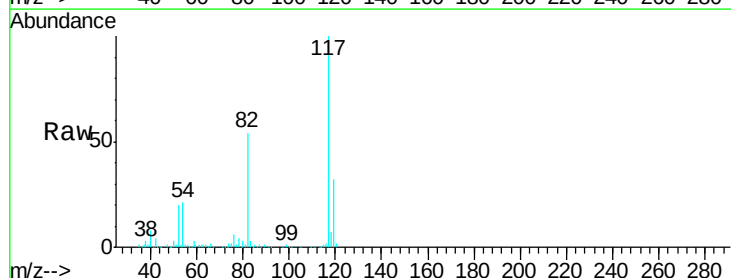
Instrument :
MSVOA_Y
ClientSampleId :
5-A

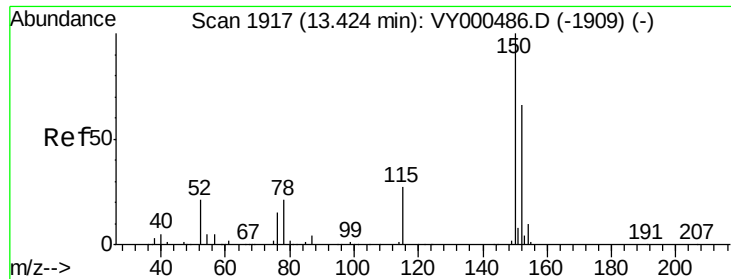
Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	161.6
176	76.4	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	40.8	61.2
119	32.2	26.2	39.2



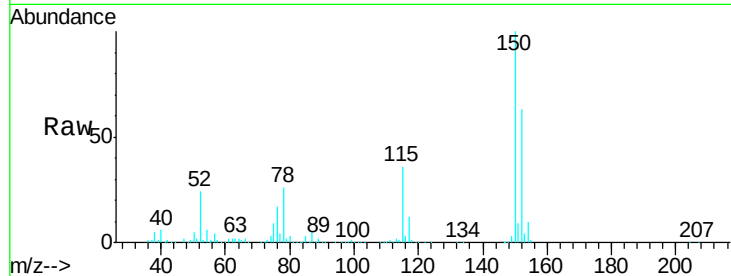


#72

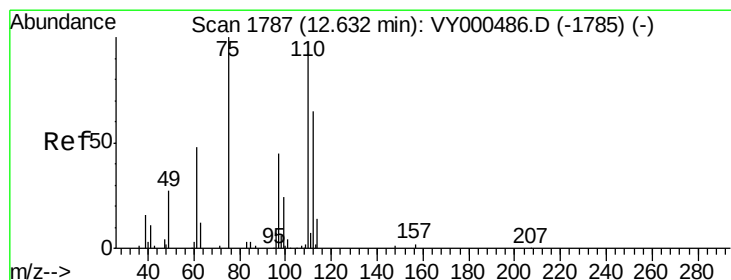
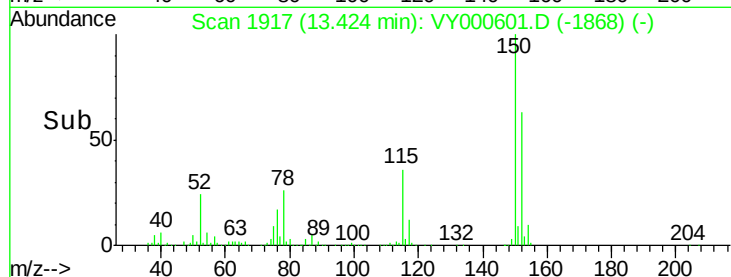
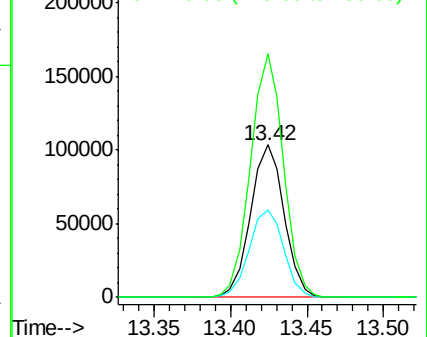
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Instrument :
MSVOA_Y
ClientSampled :
5-A

Tgt Ion:152 Resp: 157618
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 156.9 0.0 348.8



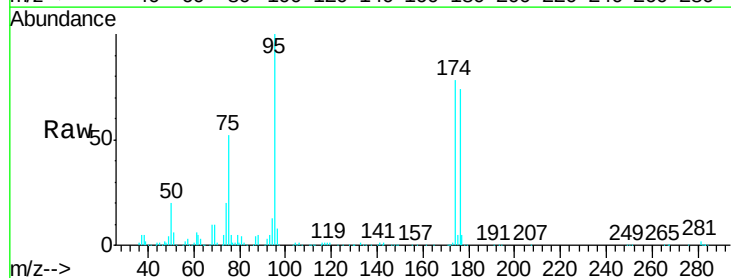
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



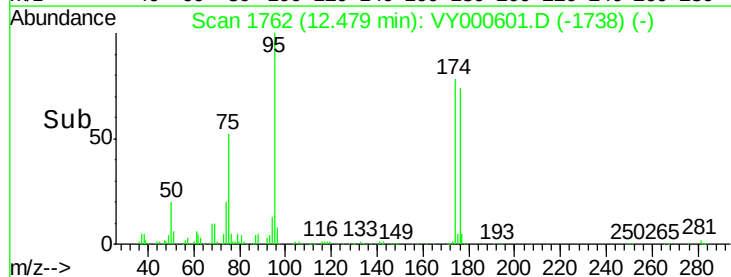
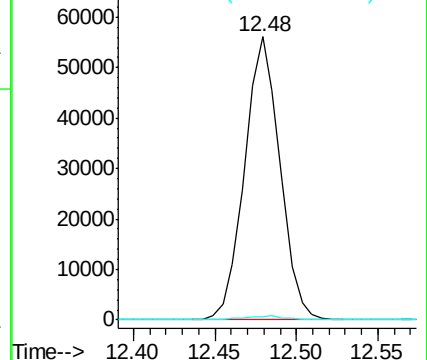
#76

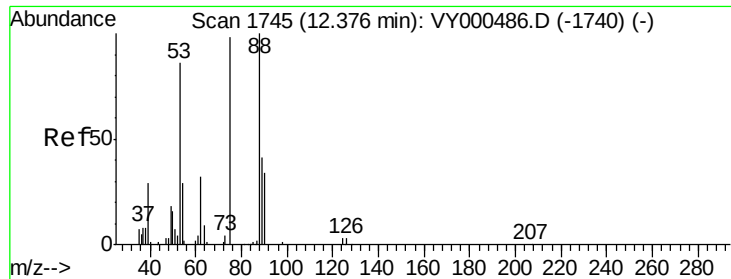
1,2,3-Trichloropropane
Concen: 47.193 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000601.D
Acq: 07 Nov 2019 23:52

Tgt Ion: 75 Resp: 84697
Ion Ratio Lower Upper
75 100
77 1.3 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: 105.813 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000601.D

Acq: 07 Nov 2019 23:52

Instrument :

MSVOA_Y

ClientSampleId :

5-A

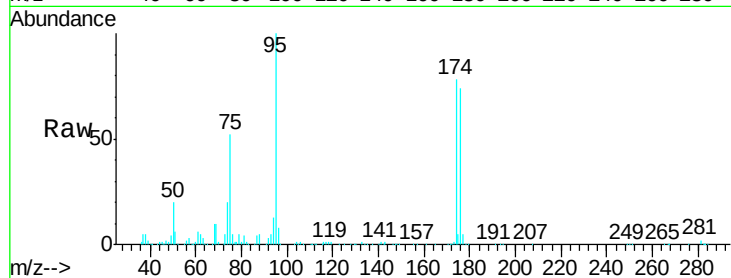
Tgt Ion: 75 Resp: 84697

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.2 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

