

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000724.D
 Acq On : 18 Nov 2019 14:13
 Operator : SY/MD
 Sample : K5861-20
 Misc : 5.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-17

Quant Time: Nov 18 14:36:53 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	20908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	31657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	23115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	9825	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	9083	41.98	ug/l	0.00
Spiked Amount			Recovery	=	83.96%	
35) Dibromofluoromethane	7.73	113	7599	40.89	ug/l	0.00
Spiked Amount			Recovery	=	81.78%	
50) Toluene-d8	10.18	98	34815	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.48	95	10173	37.89	ug/l	0.00
Spiked Amount			Recovery	=	75.78%	

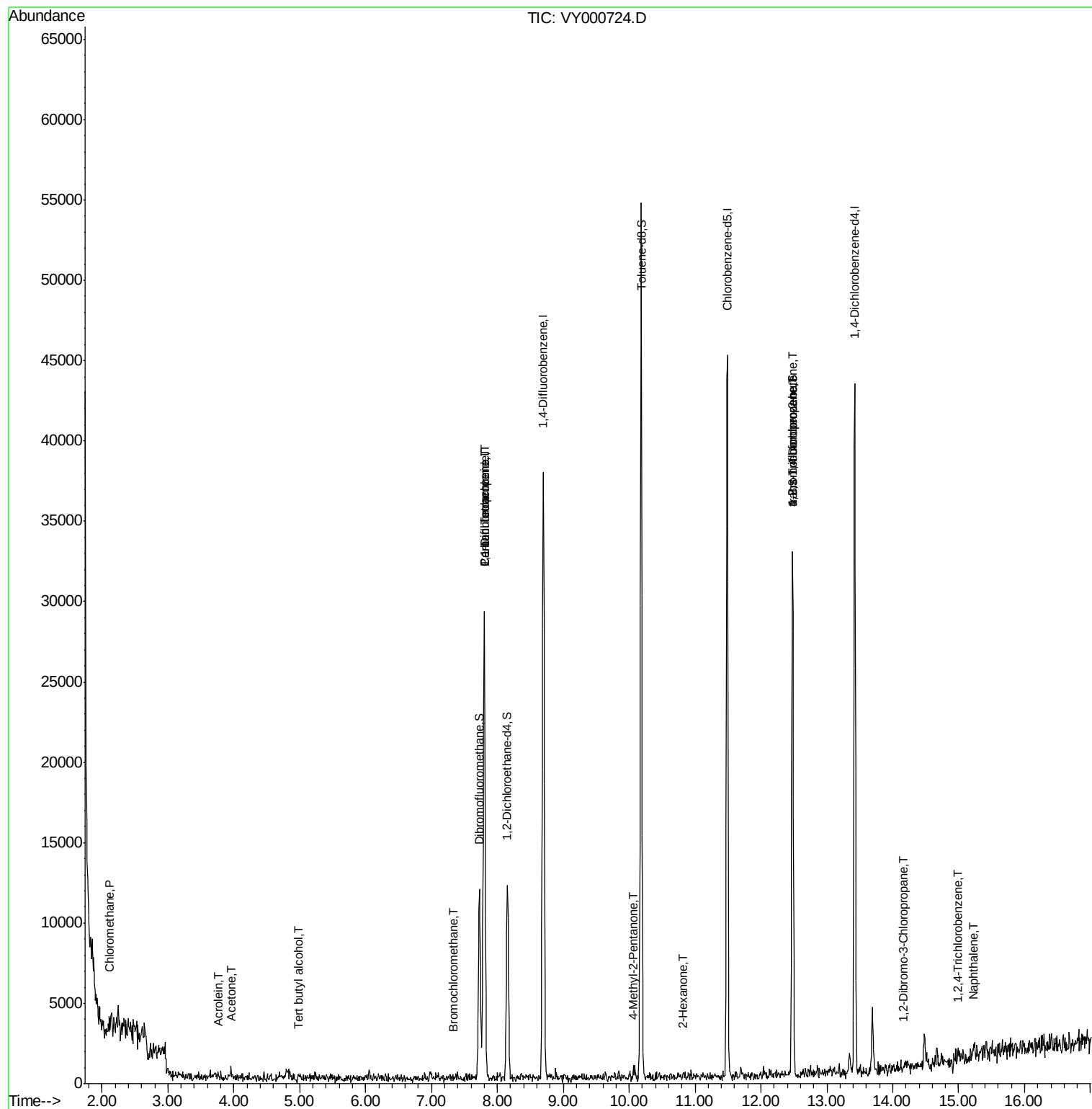
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	334	1.178	ug/l #	43
11) Tert butyl alcohol	4.98	59	65	3.086	ug/l #	72
13) Acrolein	3.76	56	53	2.889	ug/l #	14
16) Acetone	3.96	43	350	5.869	ug/l	92
28) Bromochloromethane	7.34	49	22	4.203	ug/l #	14
36) 1,1-Dichloropropene	7.80	75	1883	6.292	ug/l #	41
38) Carbon Tetrachloride	7.80	117	2133	7.407	ug/l #	16
51) 4-Methyl-2-Pentanone	10.07	43	391	2.203	ug/l #	63
59) 2-Hexanone	10.83	43	244	1.887	ug/l	78
76) 1,2,3-Trichloropropane	12.48	75	5716	51.095	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	5716	114.561	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.17	75	27	1.061	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.99	180	321	1.611	ug/l #	12
95) Naphthalene	15.23	128	972	2.197	ug/l #	70

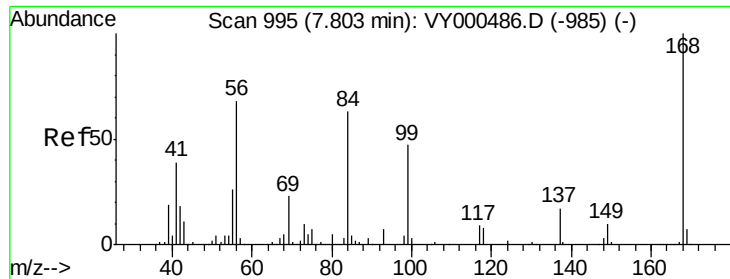
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000724.D
Acq On : 18 Nov 2019 14:13
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Misc : 5.46G/5ML/MSVOA_Y/SOIL
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
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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: VY000724.D

Acq: 18 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampleId :

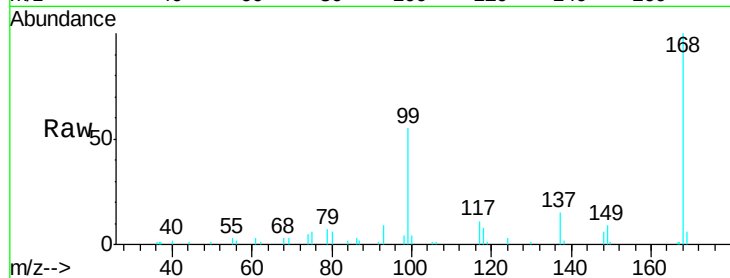
EP-17

Tgt Ion: 168 Resp: 20908

Ion Ratio Lower Upper

168 100

99 55.5 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) (-)

7.80

10000

8000

6000

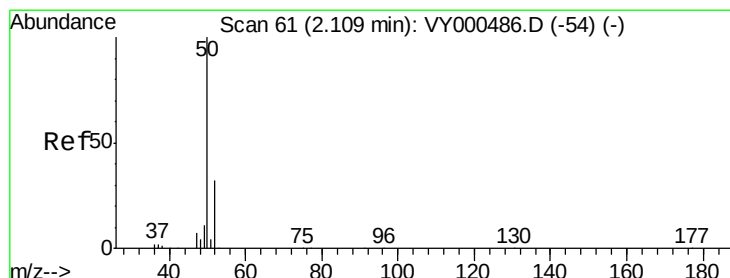
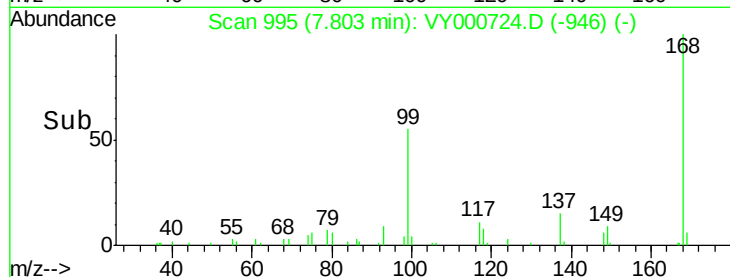
4000

2000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#3

Chloromethane

Concen: 1.178 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000724.D

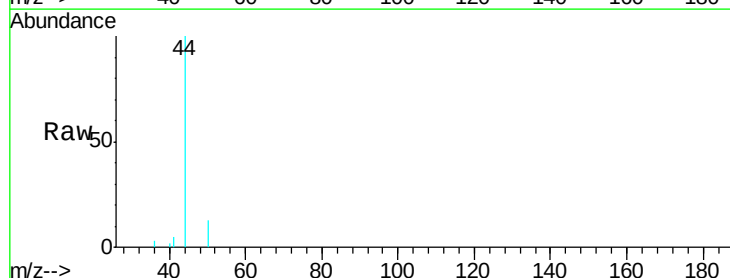
Acq: 18 Nov 2019 14:13

Tgt Ion: 50 Resp: 334

Ion Ratio Lower Upper

50 100

52 0.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)

Ion 51.90 (51.60 to 52.60): VY000486.D (-54) (-)

2.12

400

300

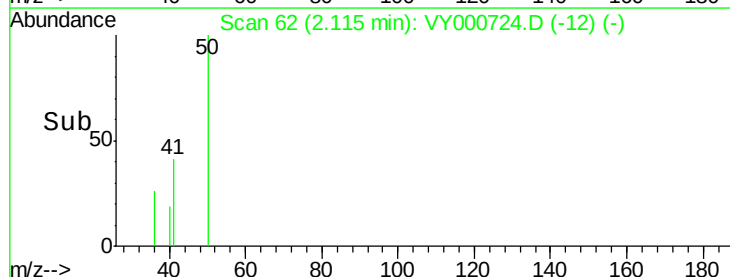
200

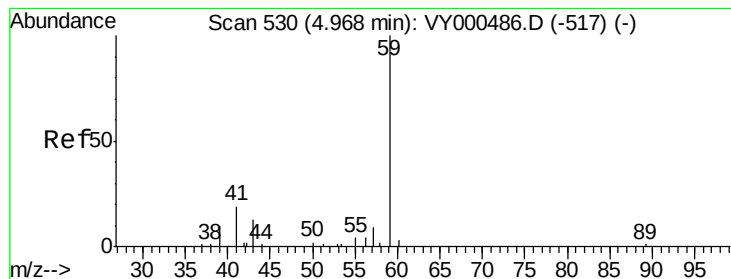
100

0

Time-->

2.08 2.10 2.12 2.14



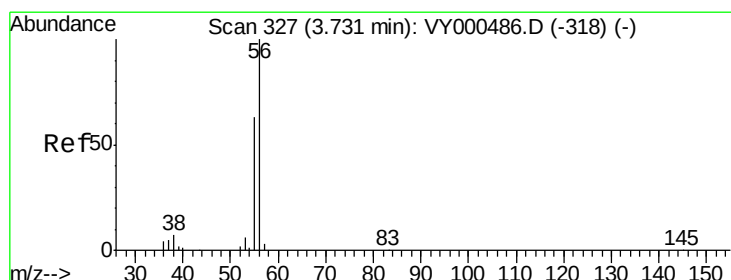
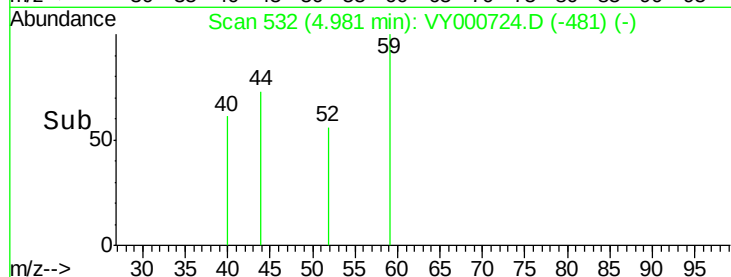
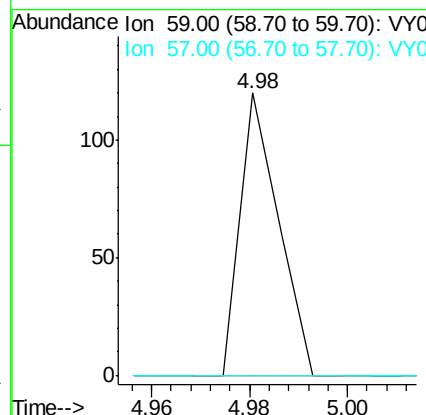
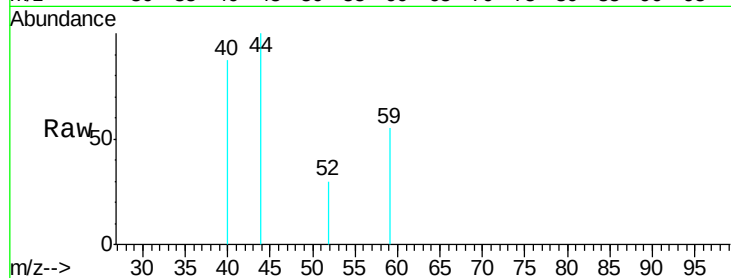


#11

Tert butyl alcohol
 Concen: 3.086 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-17

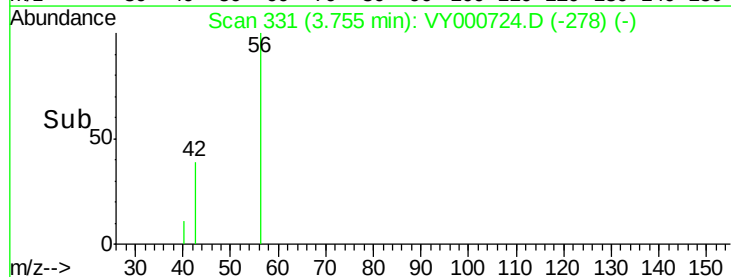
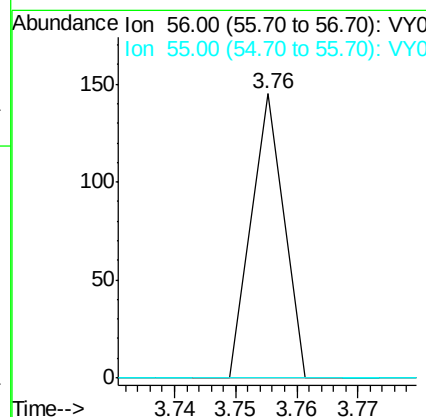
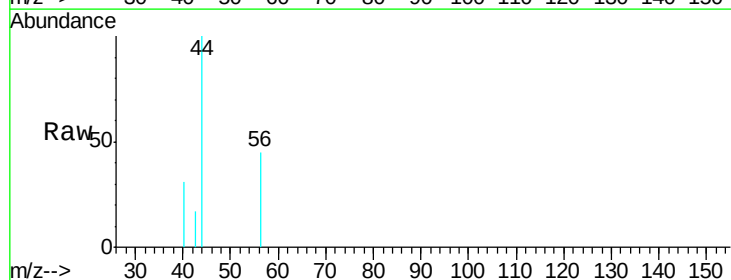
Tgt Ion: 59 Resp: 65
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

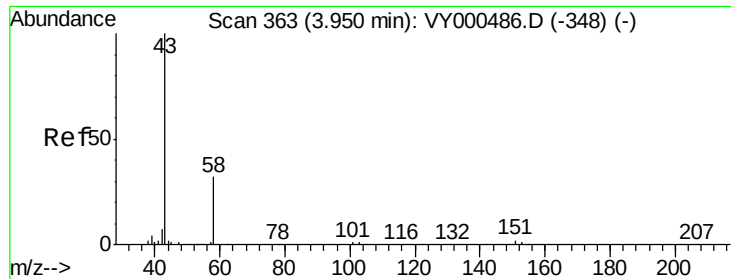


#13

Acrolein
 Concen: 2.889 ug/l
 RT: 3.76 min Scan# 331
 Delta R.T. 0.02 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Tgt Ion: 56 Resp: 53
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.6#





#16

Acetone

Concen: 5.869 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000724.D

Acq: 18 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampled :

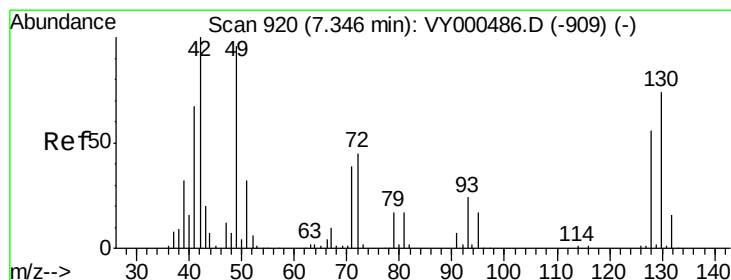
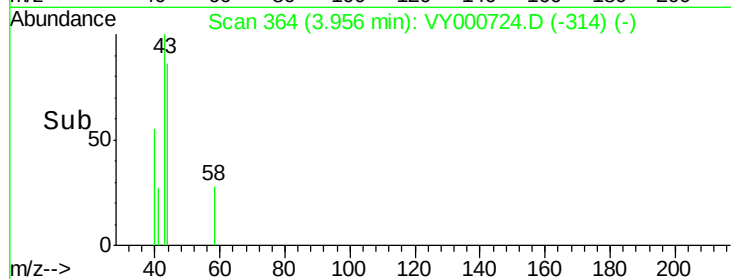
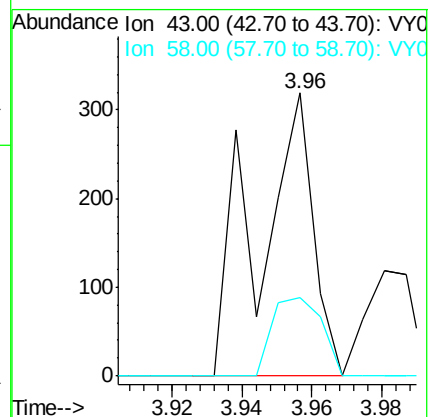
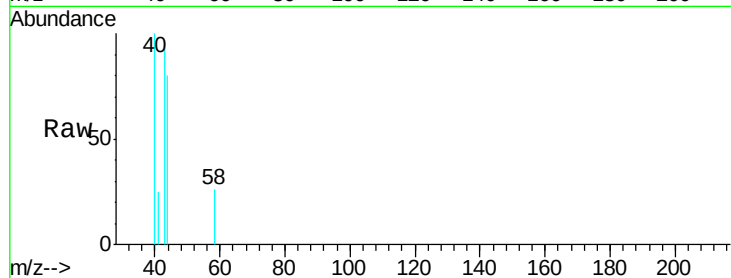
EP-17

Tgt Ion: 43 Resp: 350

Ion Ratio Lower Upper

43 100

58 27.9 25.8 38.6



#28

Bromochloromethane

Concen: 4.203 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY000724.D

Acq: 18 Nov 2019 14:13

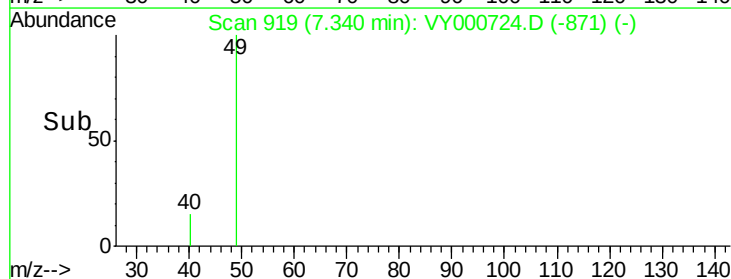
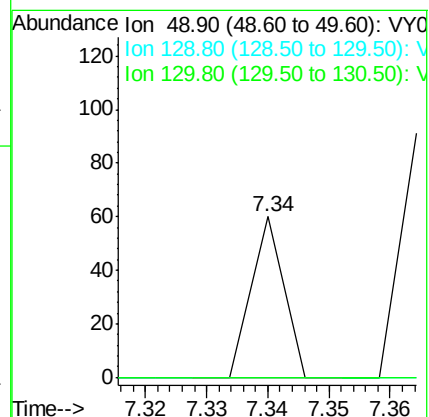
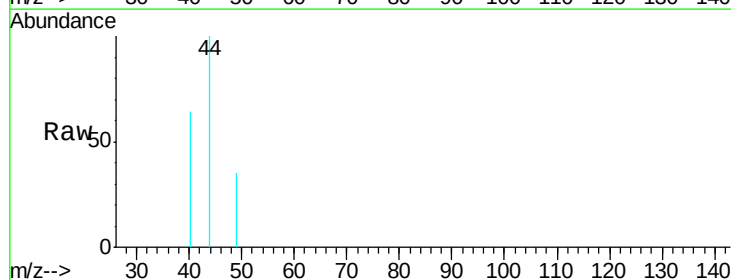
Tgt Ion: 49 Resp: 22

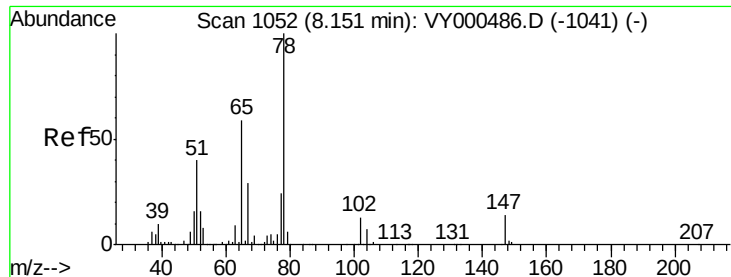
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 59.4 89.0#

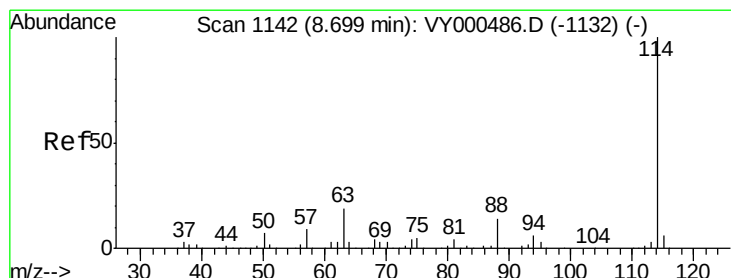
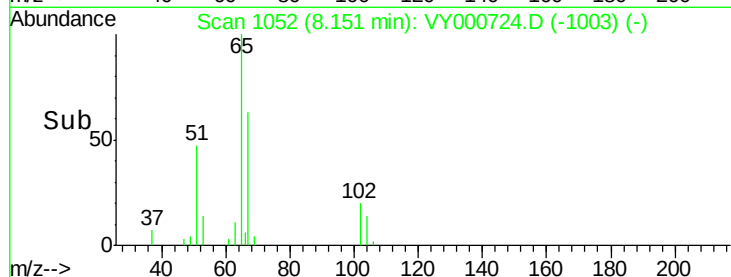
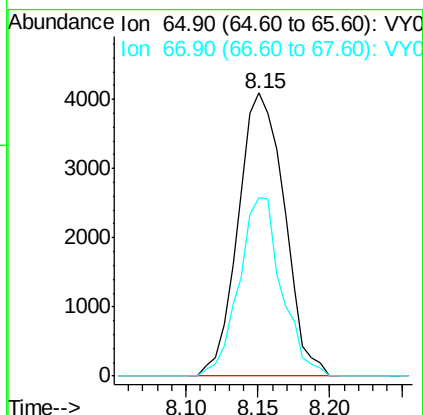
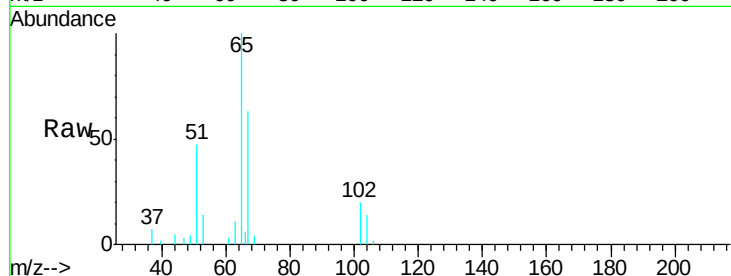




#33
 1,2-Dichloroethane-d4
 Concen: 41.979 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

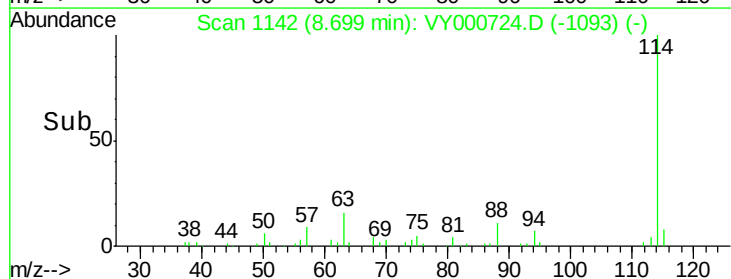
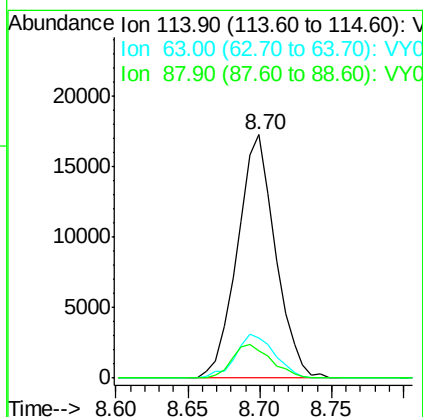
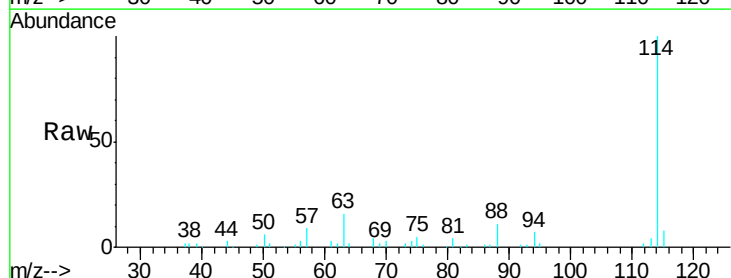
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-17

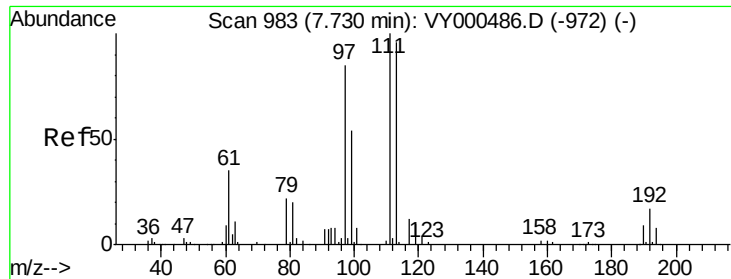
Tgt Ion: 65 Resp: 9083
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Tgt Ion: 114 Resp: 31657
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 38.0
 88 11.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 40.888 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000724.D

Acq: 18 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampleId :

EP-17

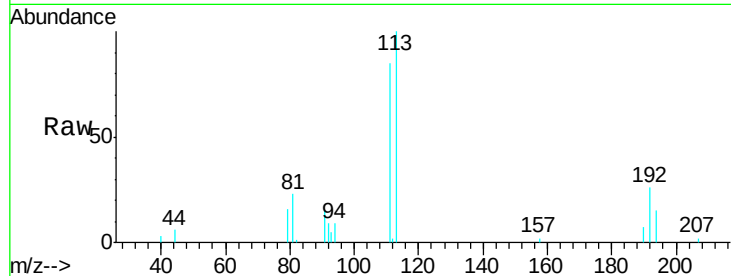
Tgt Ion:113 Resp: 7599

Ion Ratio Lower Upper

113 100

111 98.0 81.7 122.5

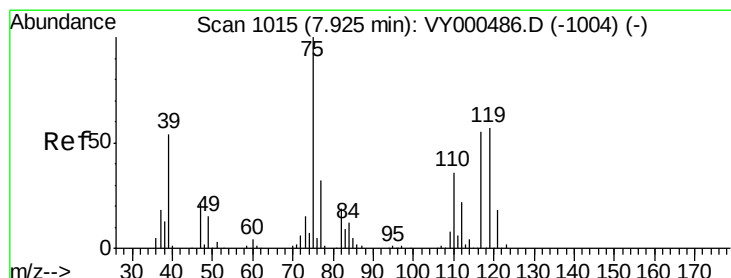
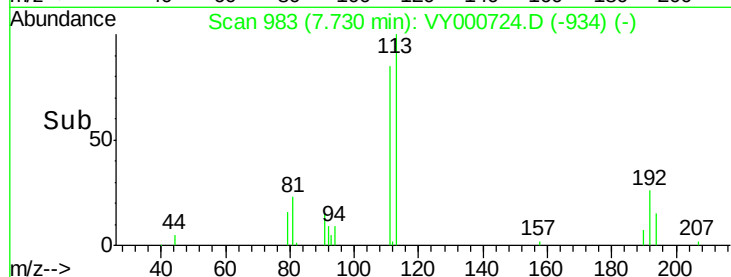
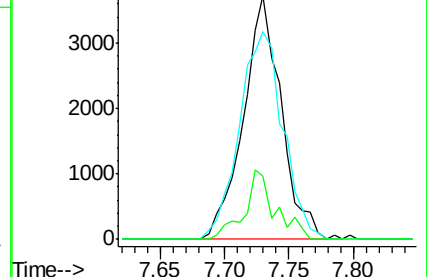
192 22.9 15.0 22.4#



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: 6.292 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000724.D

Acq: 18 Nov 2019 14:13

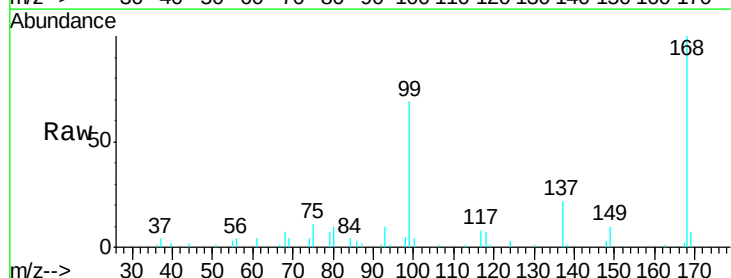
Tgt Ion: 75 Resp: 1883

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

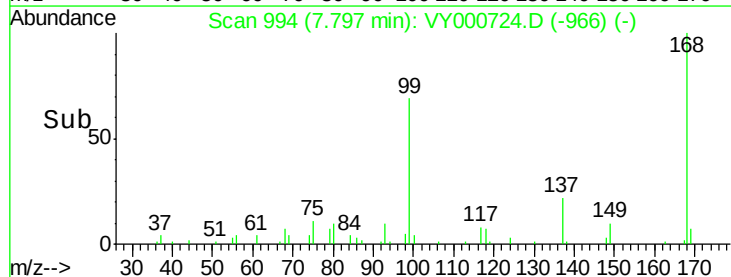
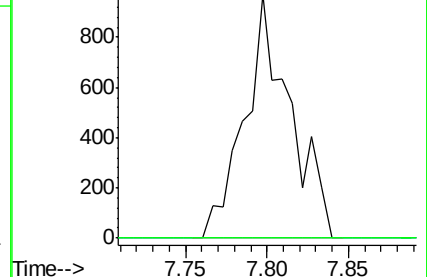
77 0.0 25.0 37.6#

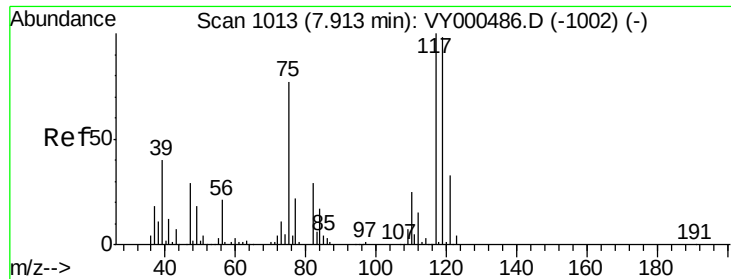


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

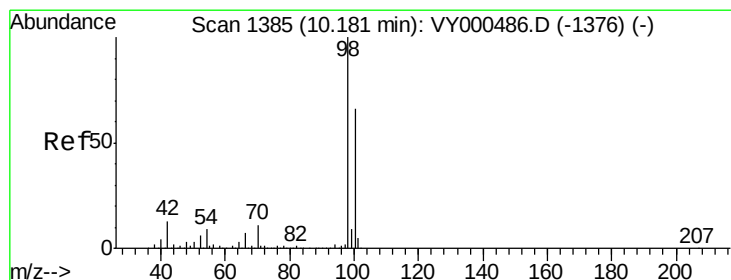
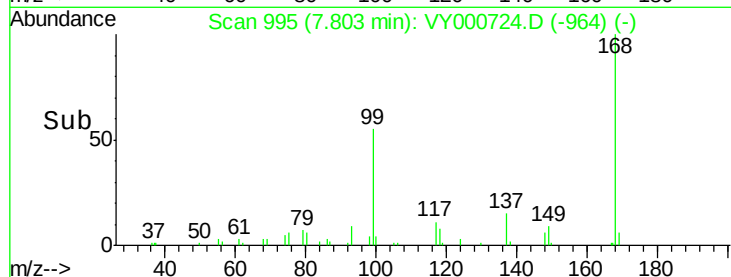
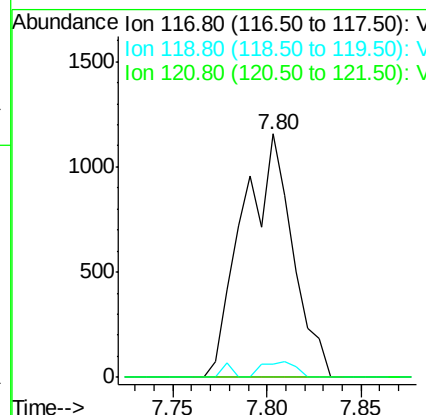
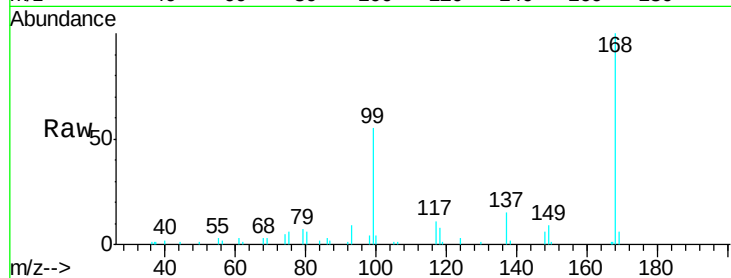




#38
Carbon Tetrachloride
Concen: 7.407 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

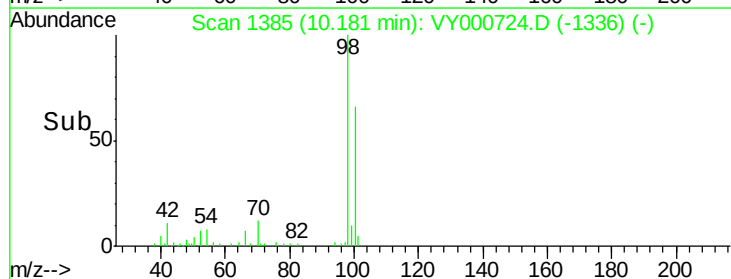
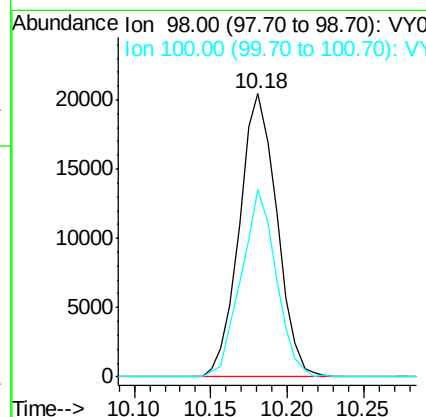
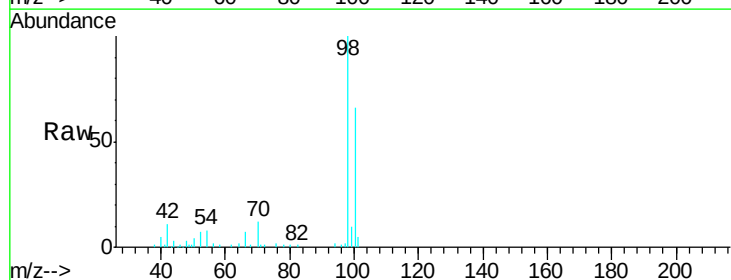
Instrument :
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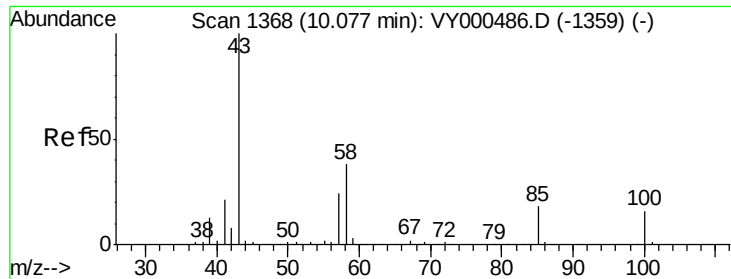
Tgt Ion:117 Resp: 2133
Ion Ratio Lower Upper
117 100
119 5.6 78.0 117.0#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 49.370 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

Tgt Ion: 98 Resp: 34815
Ion Ratio Lower Upper
98 100
100 61.9 52.9 79.3

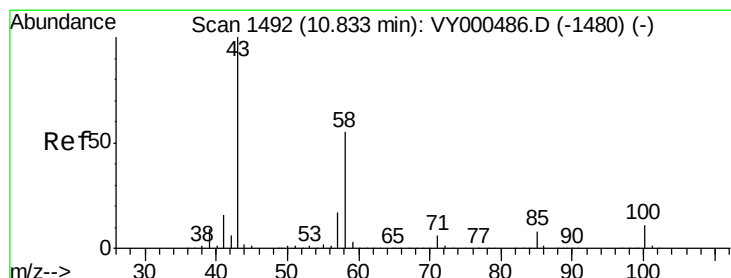
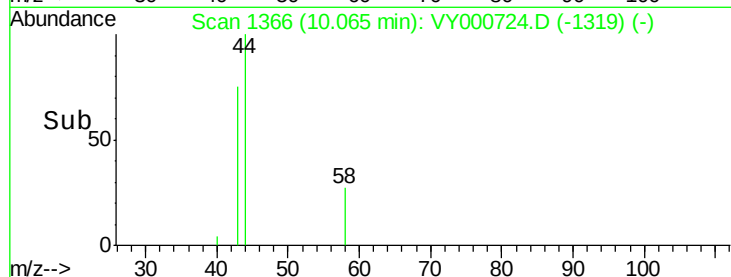
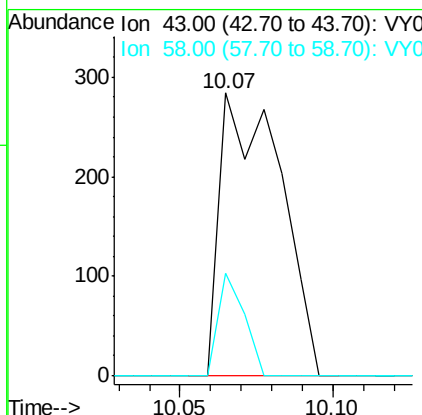
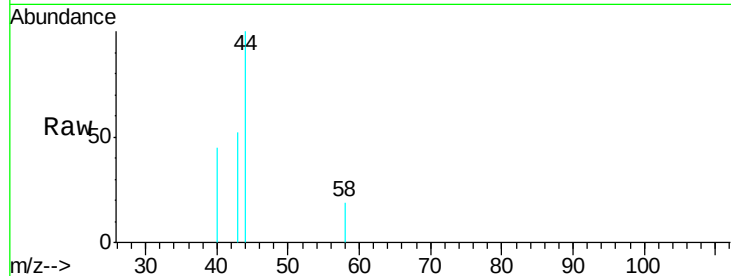




#51
4-Methyl-2-Pentanone
Concen: 2.203 ug/l
RT: 10.07 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

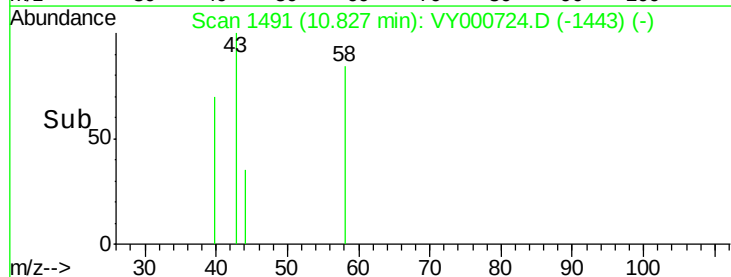
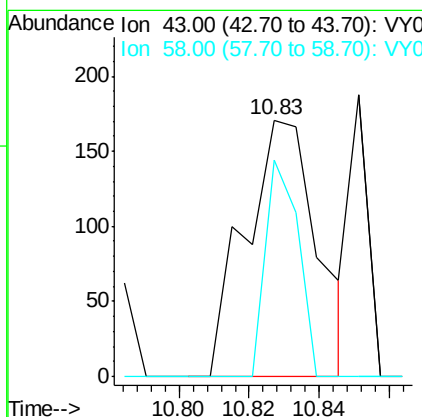
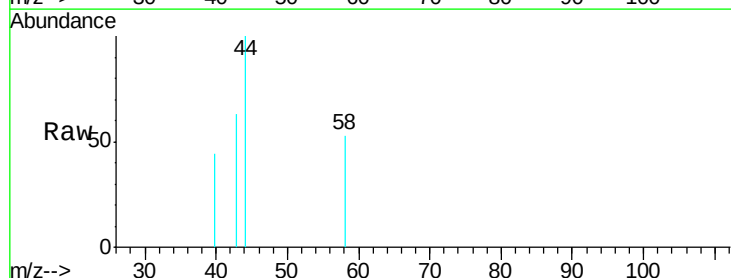
Instrument :
MSVOA_Y
ClientSampled :
EP-17

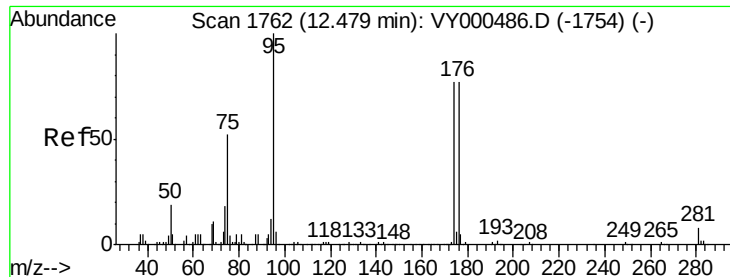
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 15.3 30.2 45.4#



#59
2-Hexanone
Concen: 1.887 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 38.1 27.1 81.3

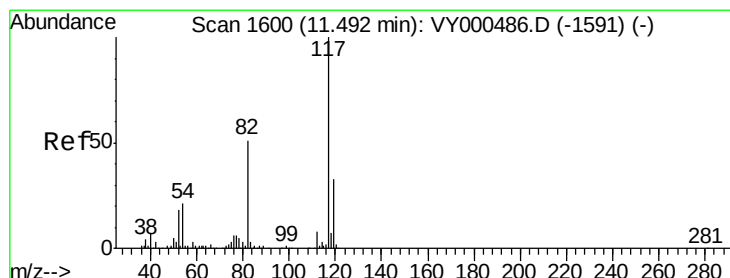
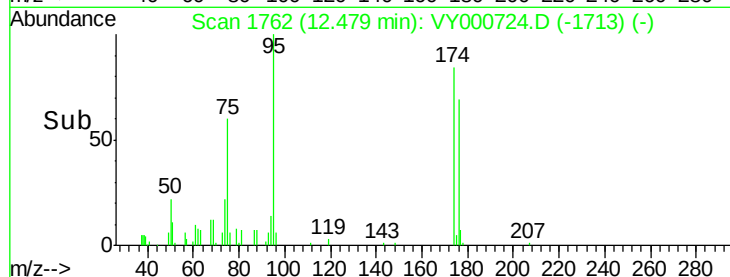
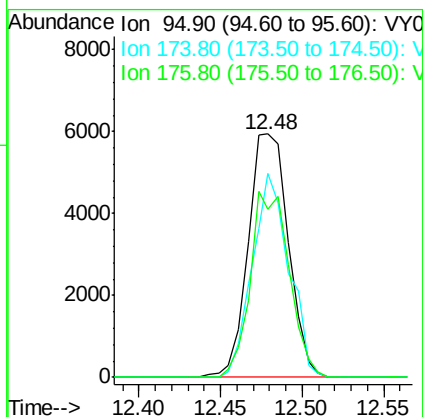
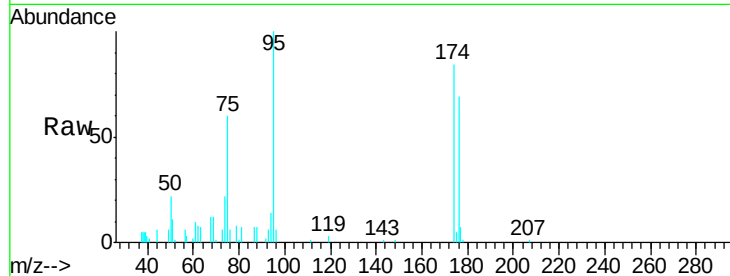




#62
4-Bromofluorobenzene
Concen: 37.894 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

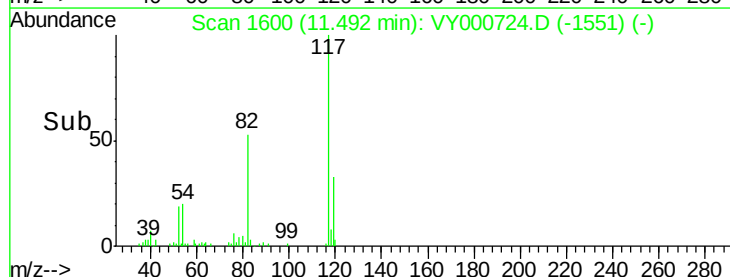
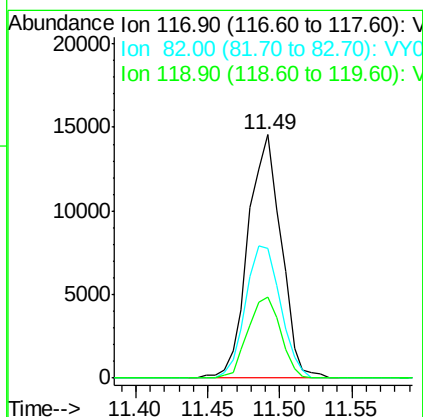
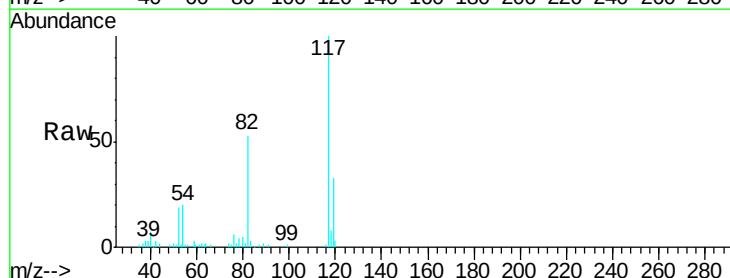
Instrument :
MSVOA_Y
ClientSampleId :
EP-17

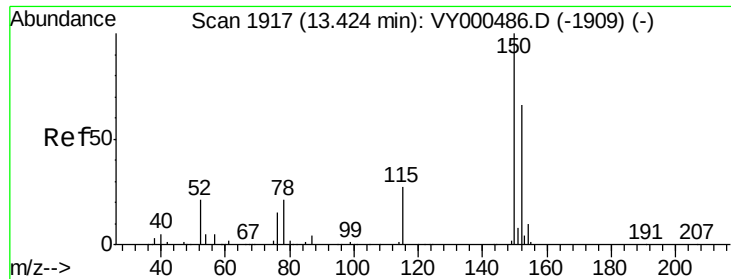
Tgt Ion: 95 Resp: 10173
Ion Ratio Lower Upper
95 100
174 76.2 0.0 161.6
176 73.5 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

Tgt Ion: 117 Resp: 23115
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 33.5 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: VY000724.D

Acq: 18 Nov 2019 14:13

Instrument :

MSVOA_Y

ClientSampled :

EP-17

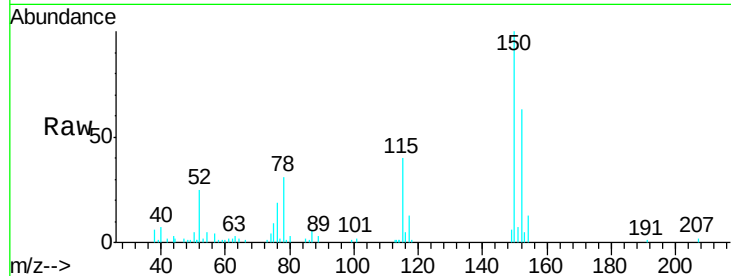
Tgt Ion:152 Resp: 9825

Ion Ratio Lower Upper

152 100

115 60.2 29.1 87.4

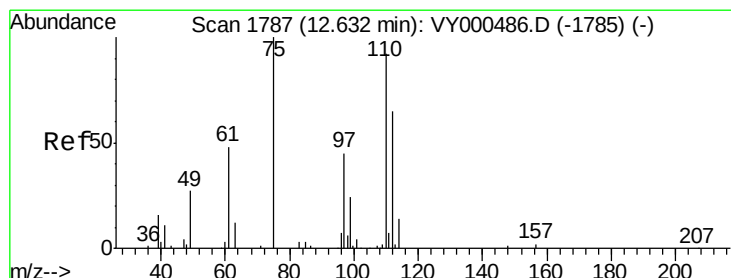
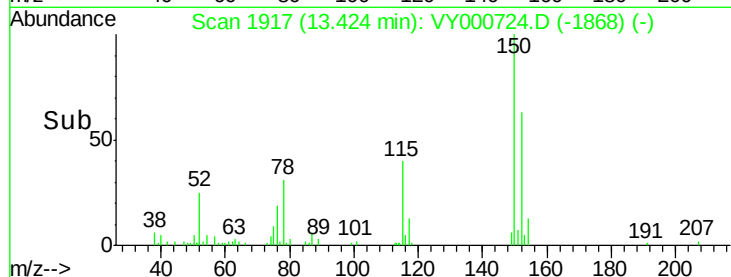
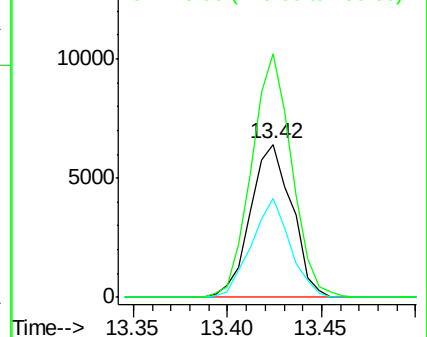
150 153.5 0.0 348.8



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: 51.095 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000724.D

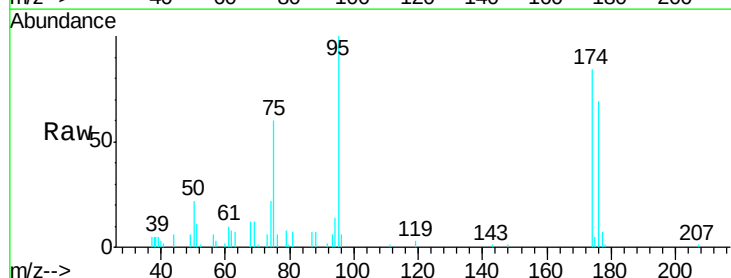
Acq: 18 Nov 2019 14:13

Tgt Ion: 75 Resp: 5716

Ion Ratio Lower Upper

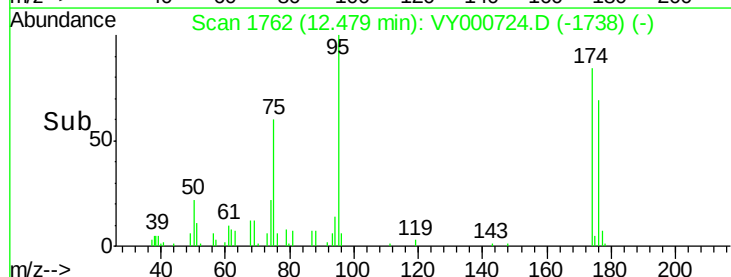
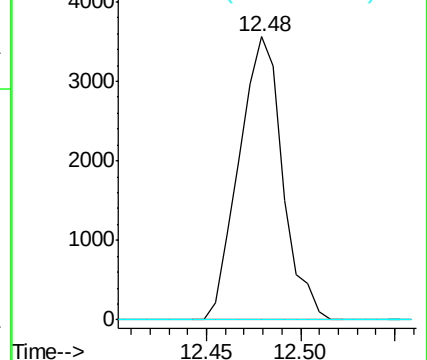
75 100

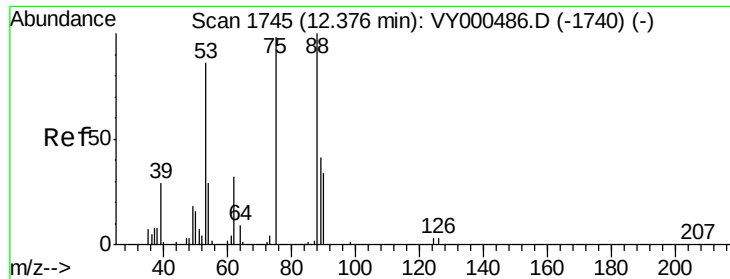
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

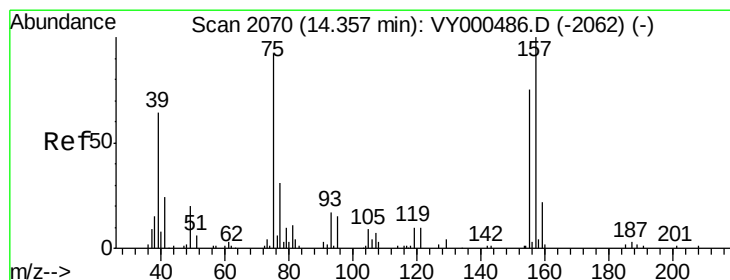
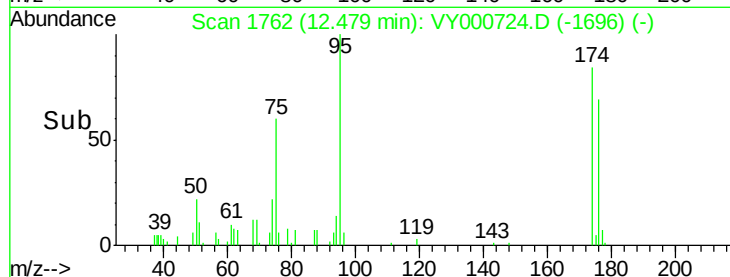
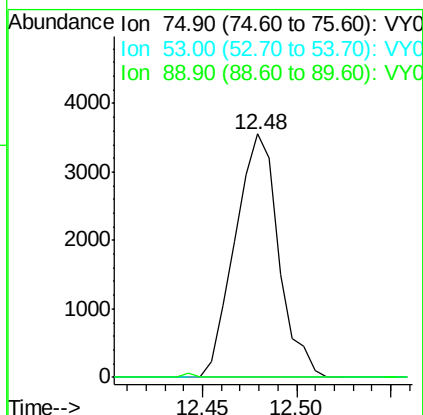
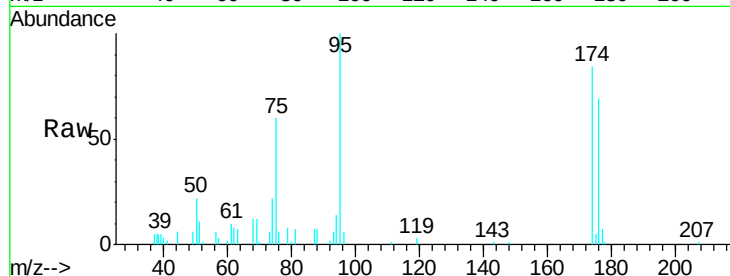




#81
trans-1,4-Dichloro-2-butene
Concen: 114.561 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

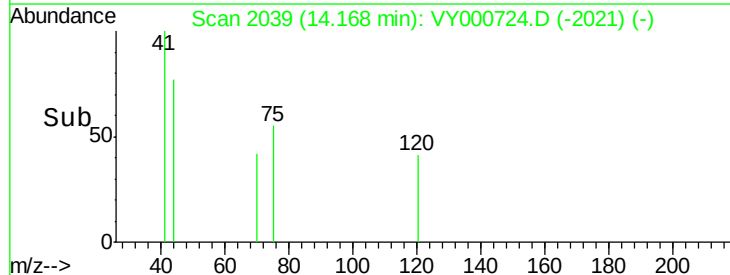
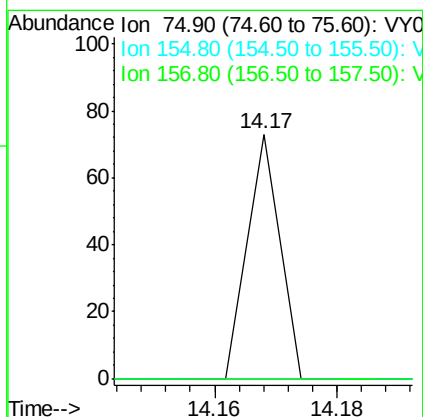
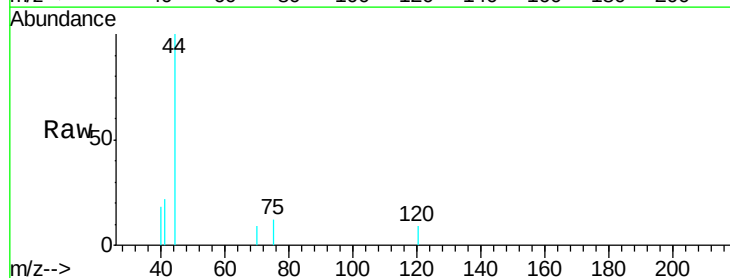
Instrument :
MSVOA_Y
ClientSampleId :
EP-17

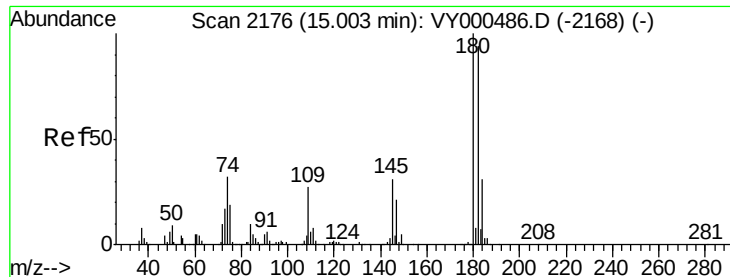
Tgt Ion: 75 Resp: 5716
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.0 35.9 53.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.061 ug/l
RT: 14.17 min Scan# 2039
Delta R.T. -0.19 min
Lab File: VY000724.D
Acq: 18 Nov 2019 14:13

Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
155 0.0 42.4 127.1#
157 0.0 55.1 165.3#

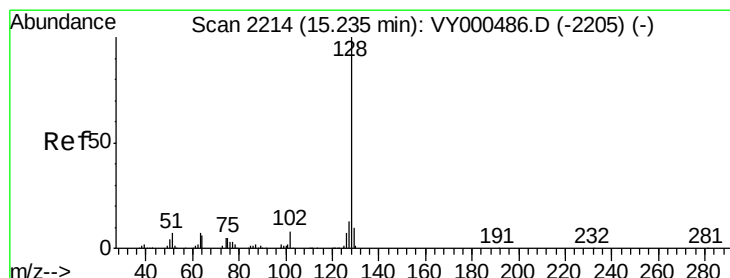
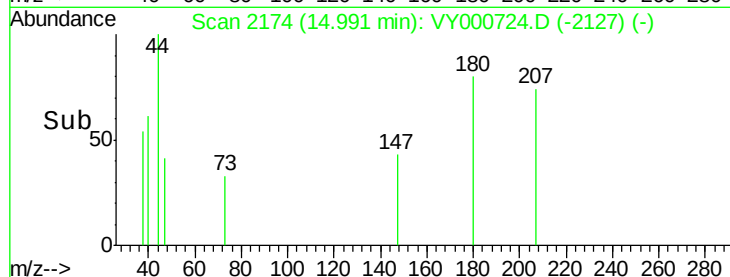
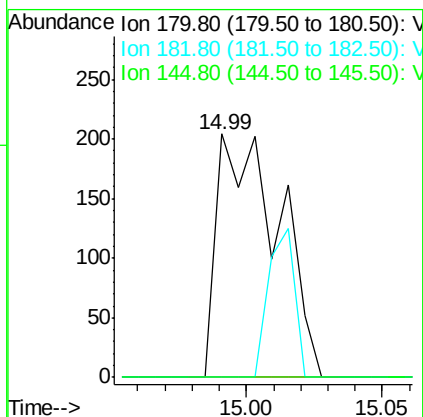
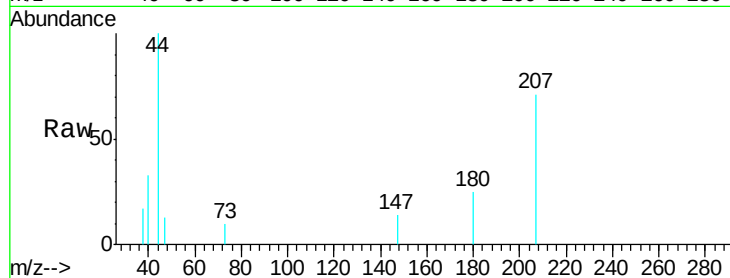




#93
 1,2,4-Trichlorobenzene
 Concen: 1.611 ug/l
 RT: 14.99 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-17

Tgt Ion:180 Resp: 321
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 0.0 16.0 47.9#



#95
 Naphthalene
 Concen: 2.197 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY000724.D
 Acq: 18 Nov 2019 14:13

Tgt Ion:128 Resp: 972
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.8 14.6#
 129 0.0 8.7 13.1#

