

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000725.D
 Acq On : 18 Nov 2019 14:35
 Operator : SY/MD
 Sample : K5861-14
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-11

Quant Time: Nov 18 15:11:38 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	144154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	265644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	241300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	113440	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	89497	59.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.98%	
35) Dibromofluoromethane	7.73	113	79938	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	10.18	98	309434	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.48	95	105027	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	

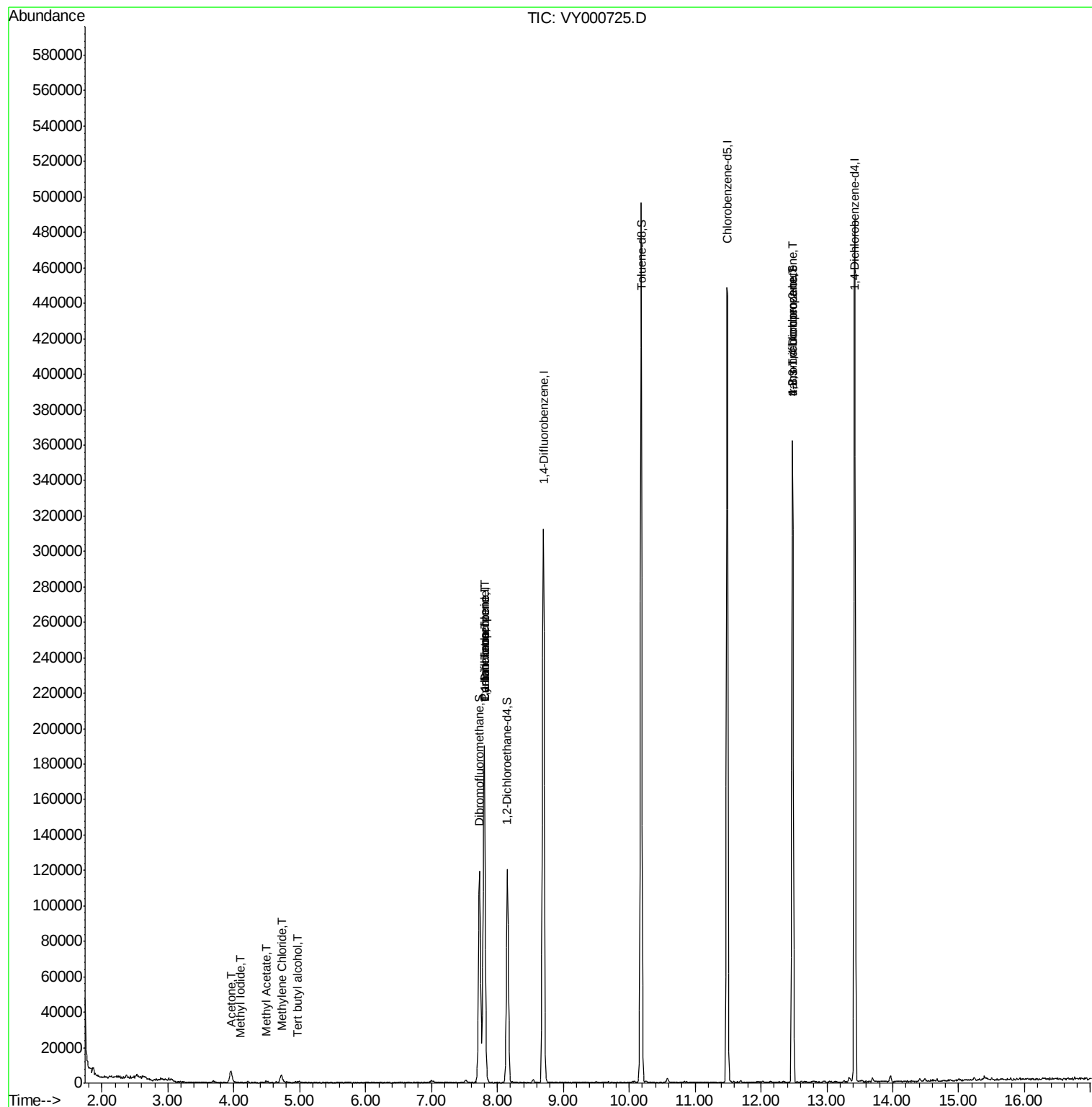
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	233	3.311	ug/l #	41
11) Tert butyl alcohol	4.97	59	640	4.407	ug/l #	72
16) Acetone	3.95	43	10914	26.544	ug/l	97
18) Methyl Acetate	4.48	43	1938	1.516	ug/l #	68
20) Methylene Chloride	4.72	84	3146	1.786	ug/l #	91
31) Cyclohexane	7.80	56	3332	1.154	ug/l #	11
36) 1,1-Dichloropropene	7.80	75	11929	4.750	ug/l #	50
38) Carbon Tetrachloride	7.80	117	14444	5.977	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	59406	45.992	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	59406	103.119	ug/l #	13

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

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MSVOA_Y
ClientSampled :
EP-11

Quant Time: Nov 18 15:11:38 2019
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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: VY000725.D

Acq: 18 Nov 2019 14:35

Instrument :

MSVOA_Y

ClientSampled :

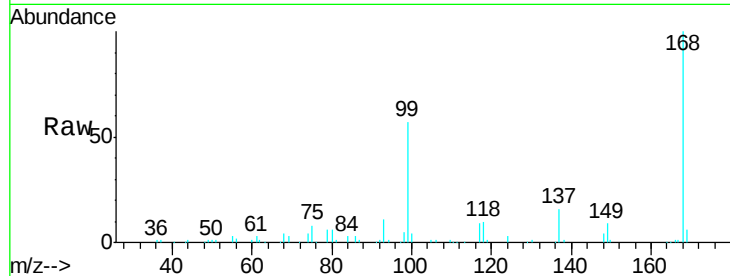
EP-11

Tgt Ion:168 Resp: 144154

Ion Ratio Lower Upper

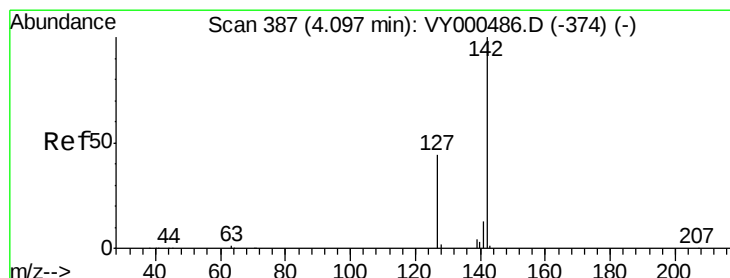
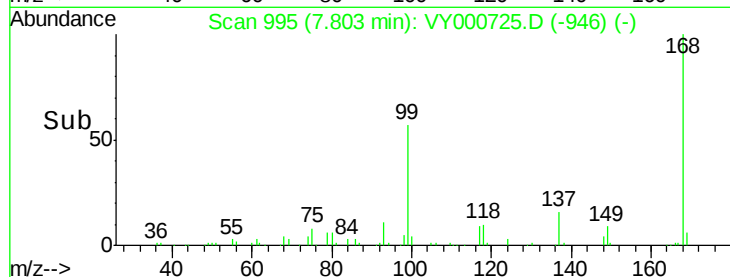
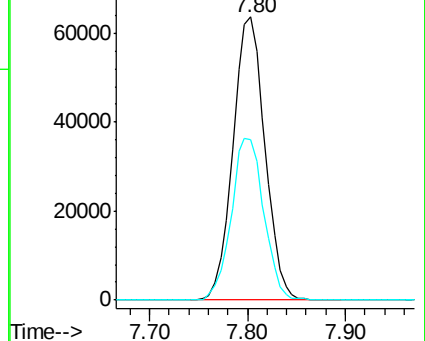
168 100

99 56.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.311 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

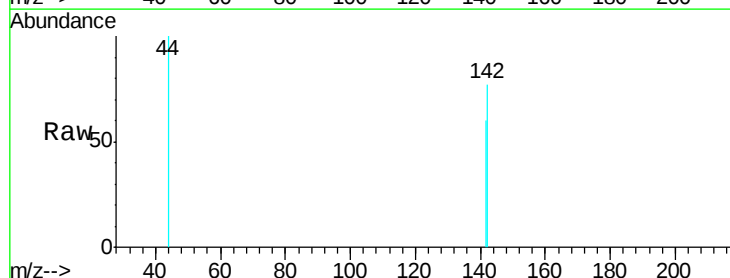
Tgt Ion:142 Resp: 233

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

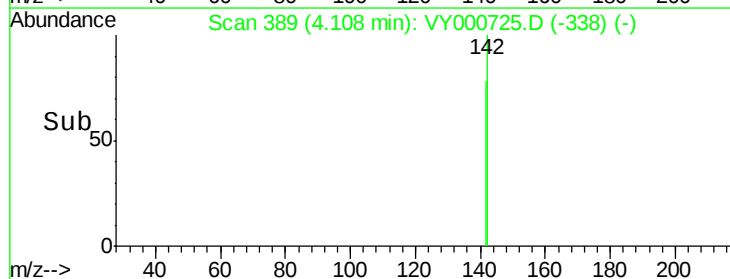
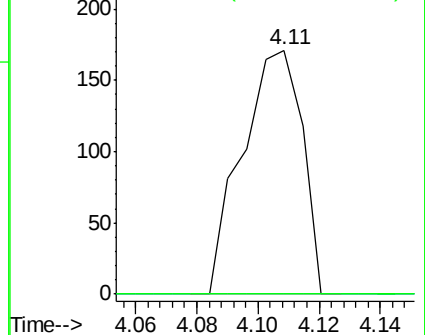
141 0.0 10.9 16.3#

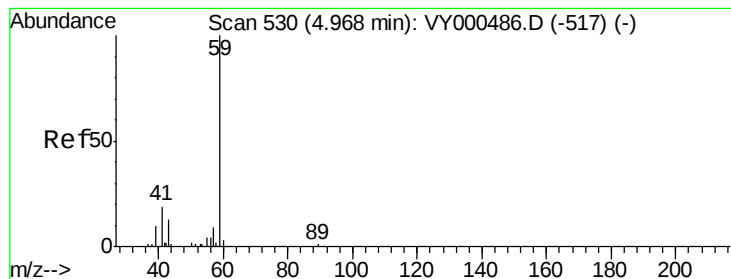


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 4.407 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

Instrument :

MSVOA_Y

ClientSampled :

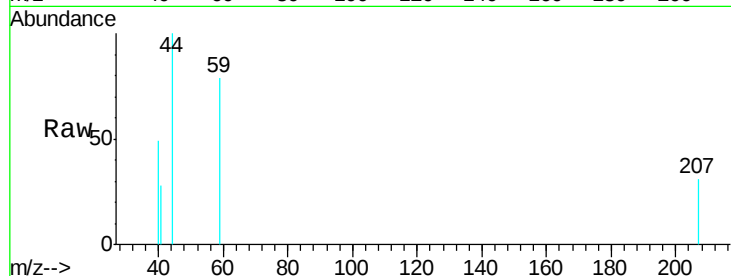
EP-11

Tgt Ion: 59 Resp: 640

Ion Ratio Lower Upper

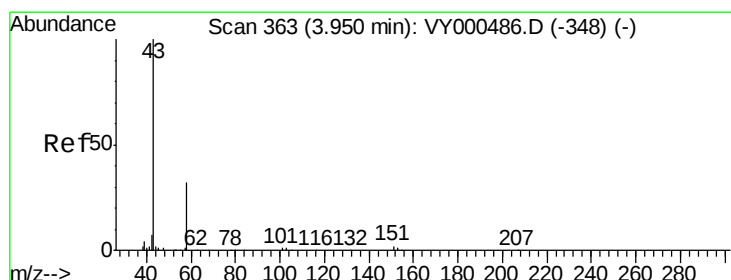
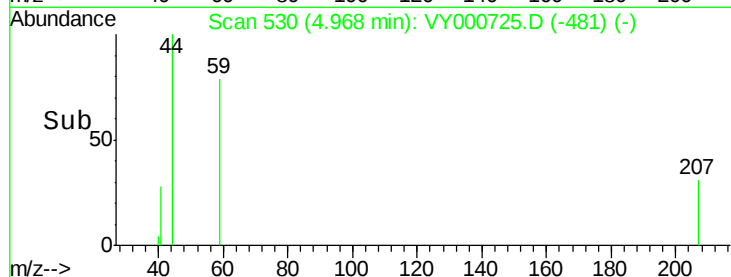
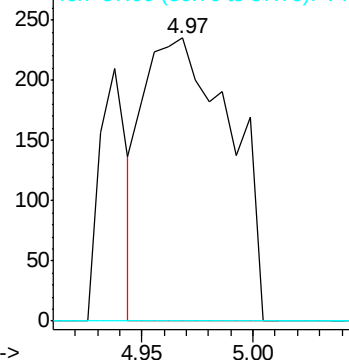
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#16

Acetone

Concen: 26.544 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY000725.D

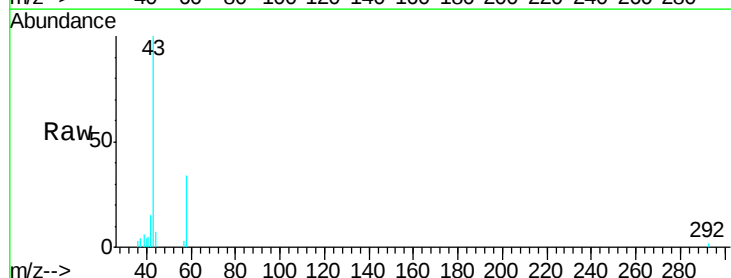
Acq: 18 Nov 2019 14:35

Tgt Ion: 43 Resp: 10914

Ion Ratio Lower Upper

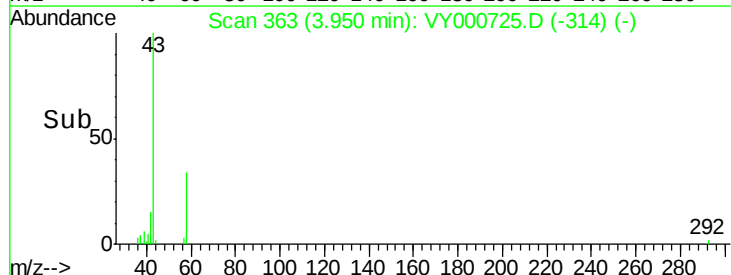
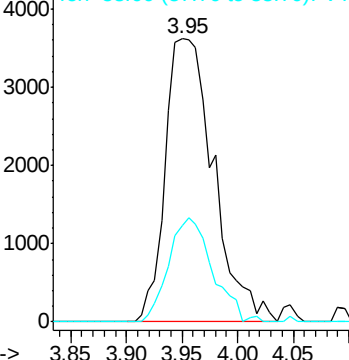
43 100

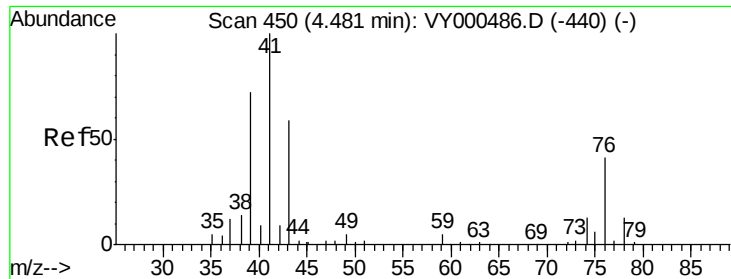
58 34.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#18

Methyl Acetate

Concen: 1.516 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

Instrument :

MSVOA_Y

ClientSampleId :

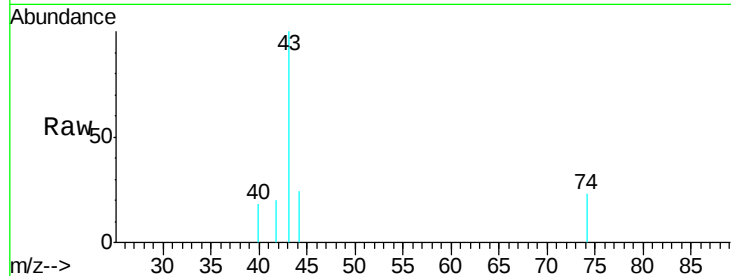
EP-11

Tgt Ion: 43 Resp: 1938

Ion Ratio Lower Upper

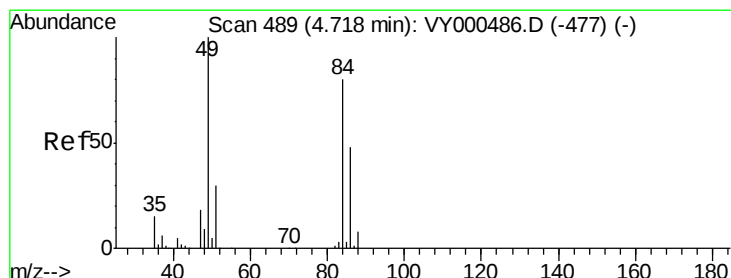
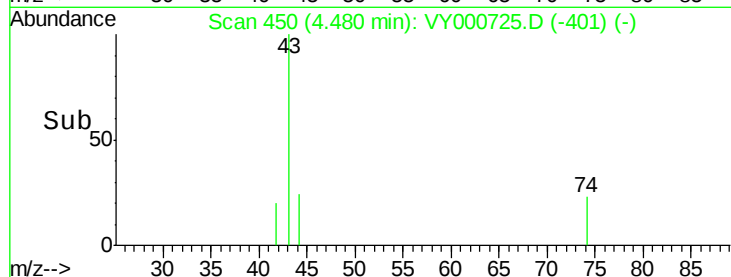
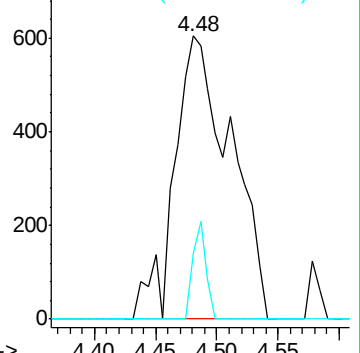
43 100

74 8.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



#20

Methylene Chloride

Concen: 1.786 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

Tgt Ion: 84 Resp: 3146

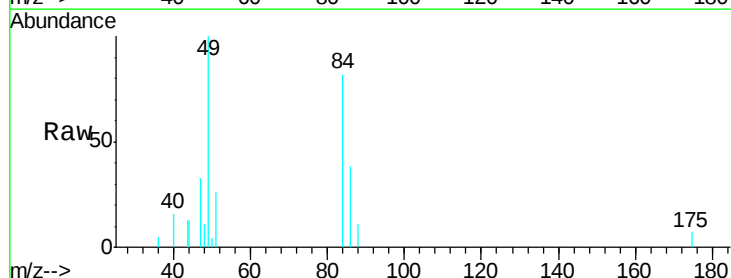
Ion Ratio Lower Upper

84 100

49 121.4 100.2 150.4

51 31.5 29.6 44.4

86 46.1 48.3 72.5#

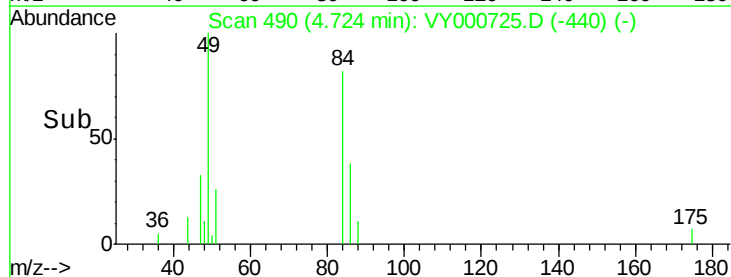
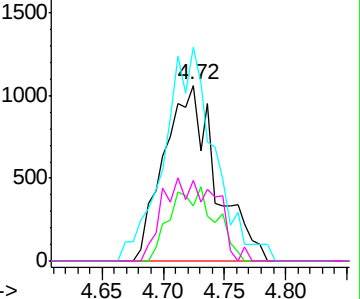


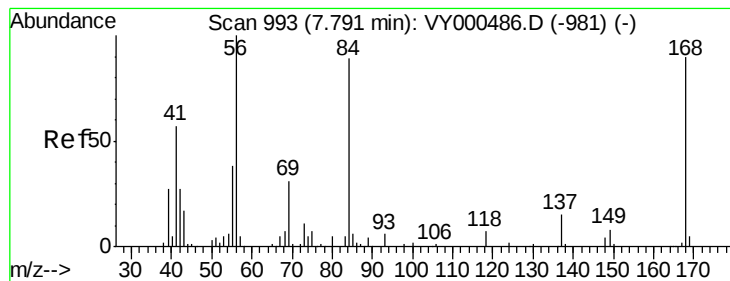
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

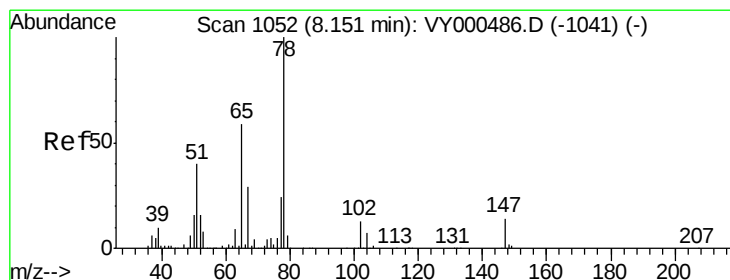
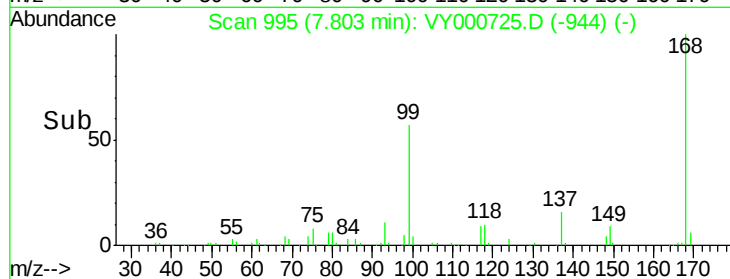
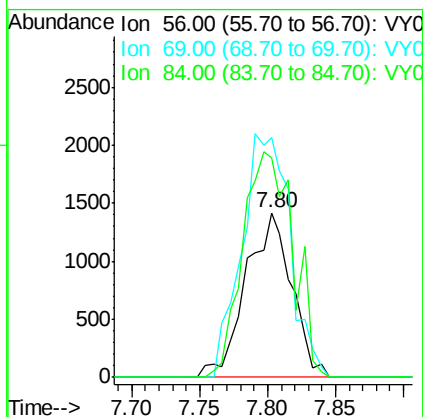
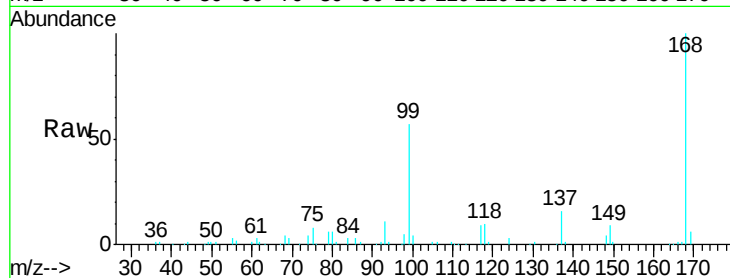




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000725.D
Acq: 18 Nov 2019 14:35

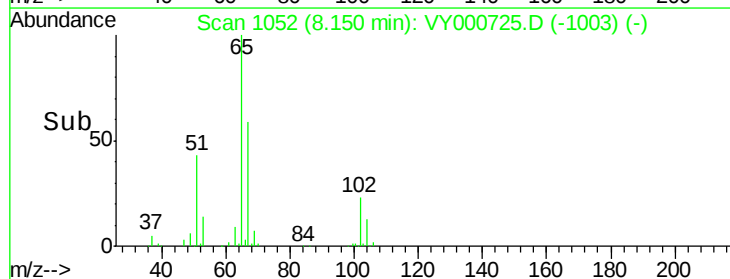
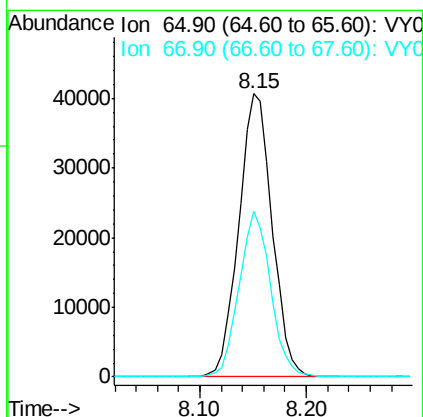
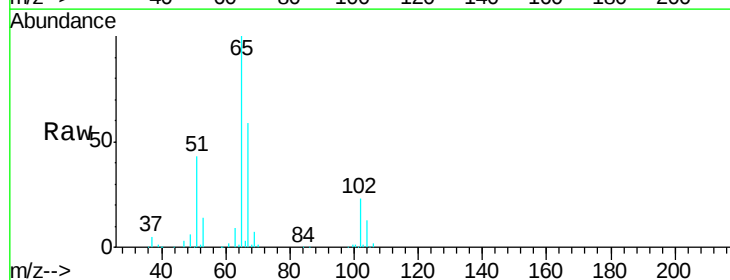
Instrument :
MSVOA_Y
ClientSampled :
EP-11

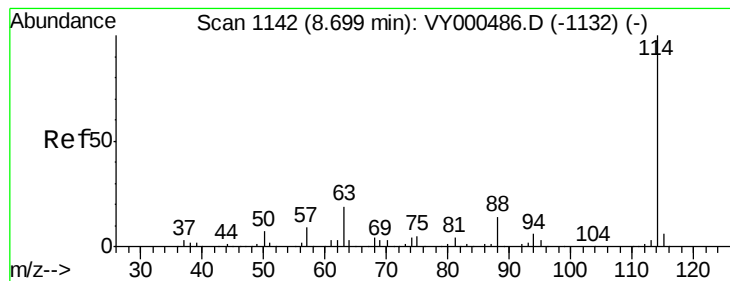
Tgt Ion: 56 Resp: 3332
Ion Ratio Lower Upper
56 100
69 145.8 25.0 37.6#
84 133.5 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 59.992 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000725.D
Acq: 18 Nov 2019 14:35

Tgt Ion: 65 Resp: 89497
Ion Ratio Lower Upper
65 100
67 55.4 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: VY000725.D

Acq: 18 Nov 2019 14:35

Instrument :

MSVOA_Y

ClientSampleId :

EP-11

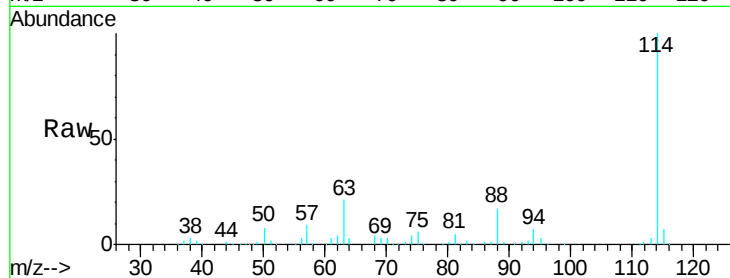
Tgt Ion:114 Resp: 265644

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

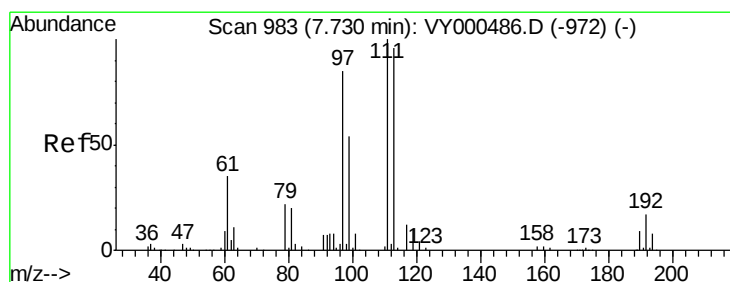
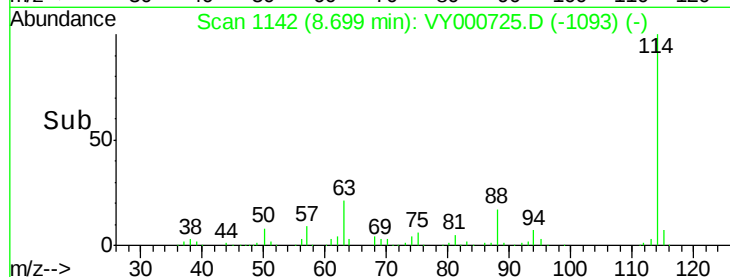
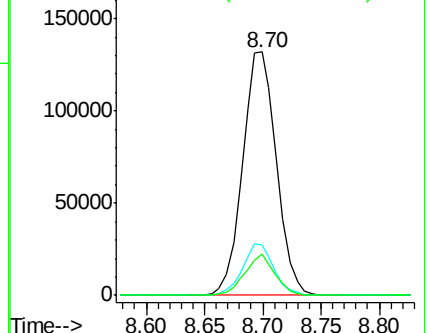
88 16.8 0.0 28.6



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: 51.259 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

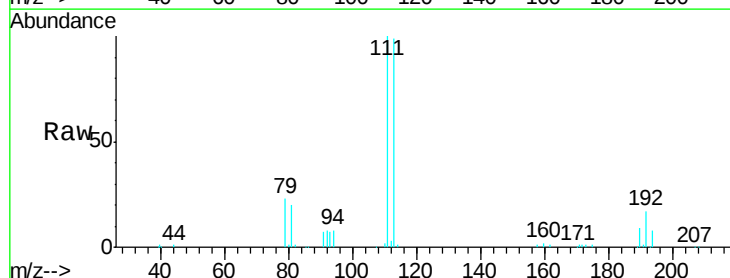
Tgt Ion:113 Resp: 79938

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

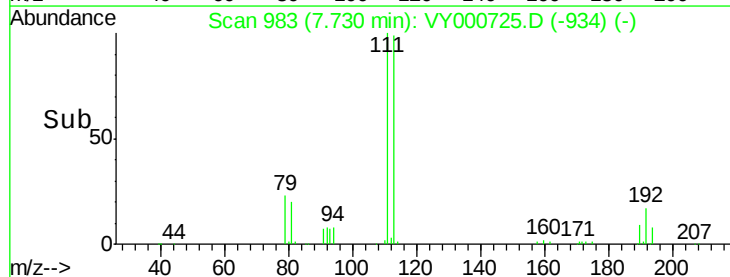
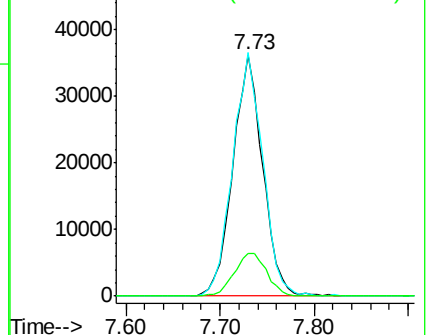
192 19.2 15.0 22.4

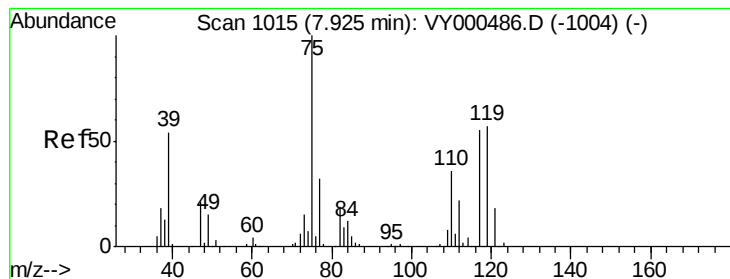


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.750 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

Instrument :

MSVOA_Y

ClientSampleId :

EP-11

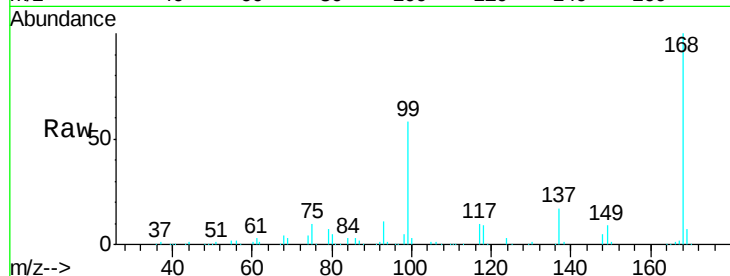
Tgt Ion: 75 Resp: 11929

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

77 0.0 25.0 37.6#

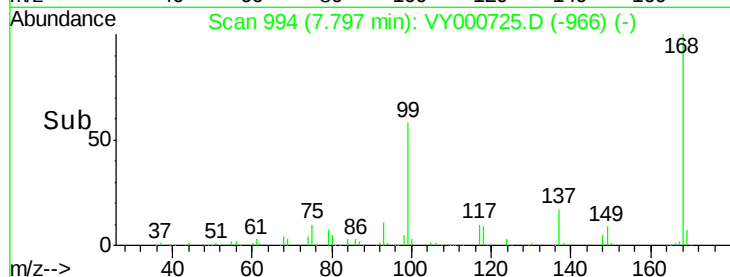


Abundance Ion 74.90 (74.60 to 75.60): VY000725.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY000725.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY000725.D (-966) (-)

Time-->



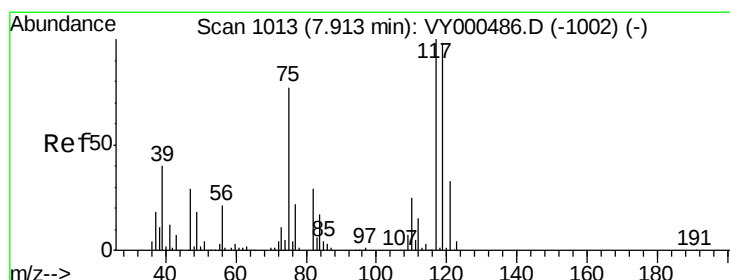
Abundance

Ion 74.90 (74.60 to 75.60): VY000725.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY000725.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY000725.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.977 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

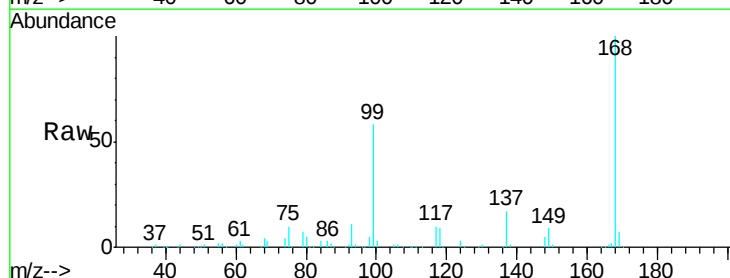
Tgt Ion: 117 Resp: 14444

Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

121 0.0 26.6 40.0#

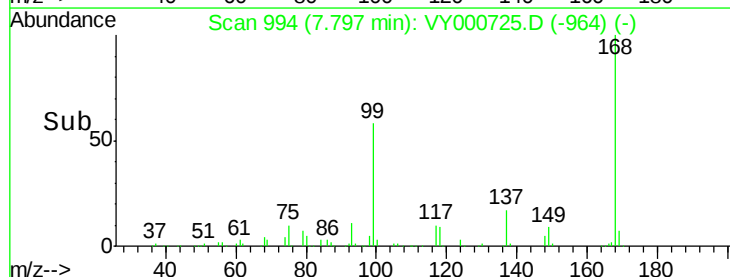


Abundance Ion 116.80 (116.50 to 117.50): VY000725.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000725.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000725.D (-964) (-)

Time-->



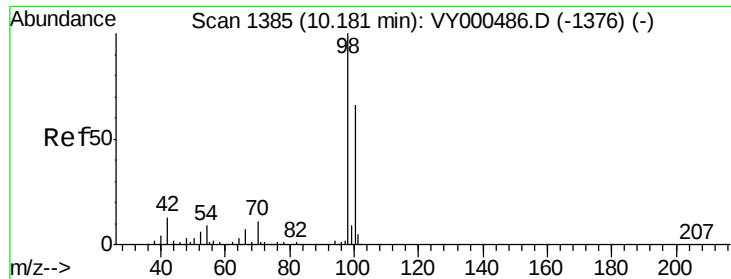
Abundance

Ion 116.80 (116.50 to 117.50): VY000725.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000725.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000725.D (-964) (-)

Time-->



#50

Toluene-d8

Concen: 52.292 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

Instrument :

MSVOA_Y

ClientSampleId :

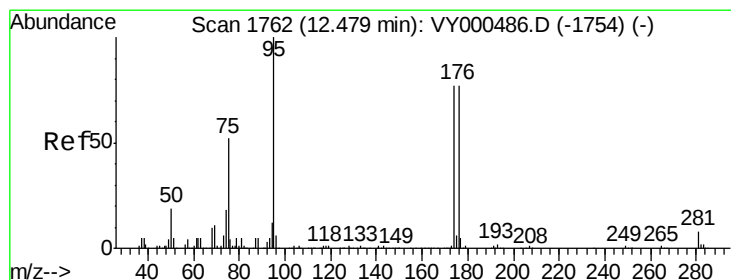
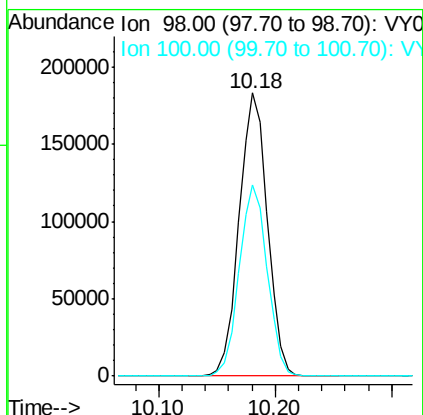
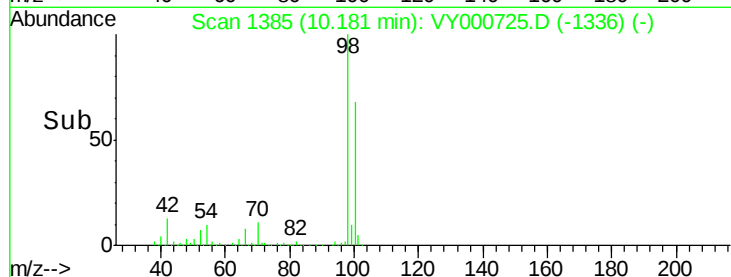
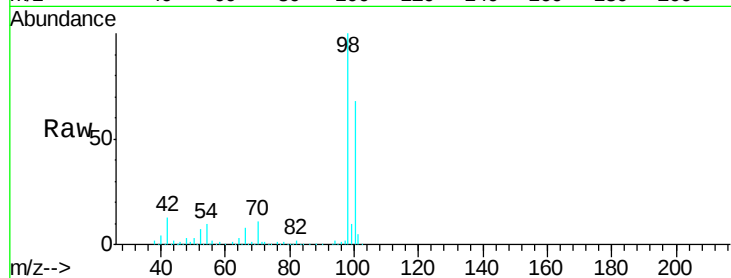
EP-11

Tgt Ion: 98 Resp: 309434

Ion Ratio Lower Upper

98 100

100 67.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.622 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000725.D

Acq: 18 Nov 2019 14:35

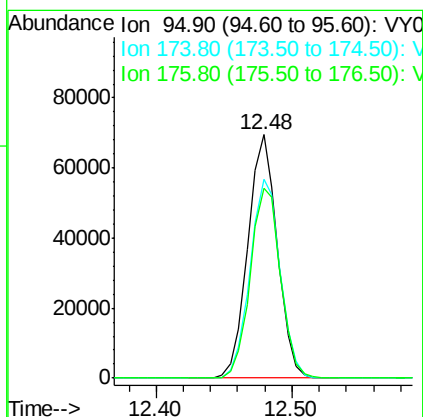
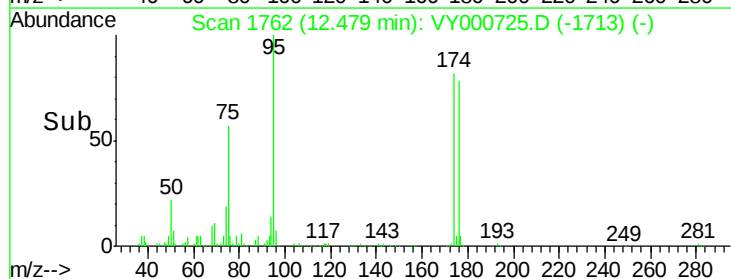
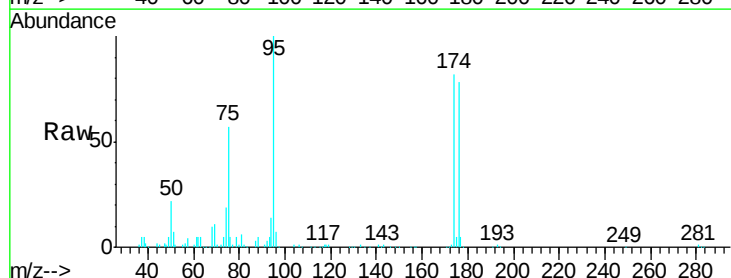
Tgt Ion: 95 Resp: 105027

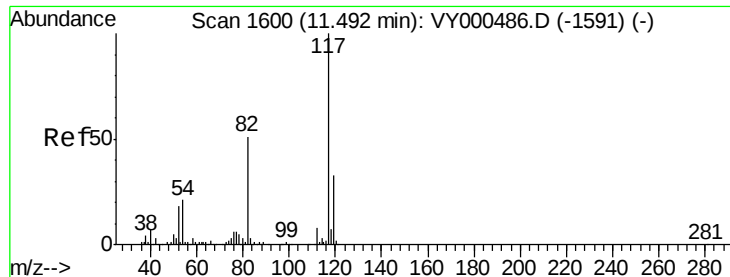
Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.6

176 80.3 0.0 157.8

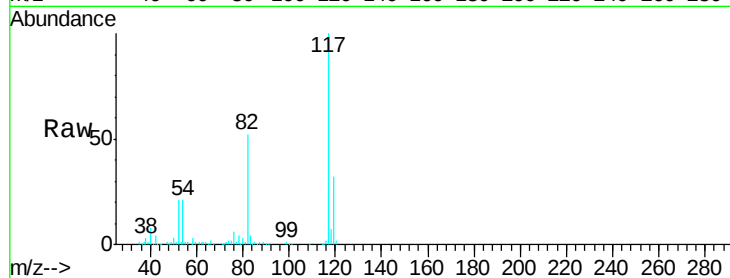




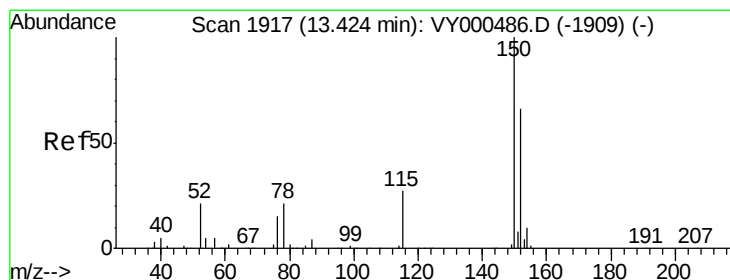
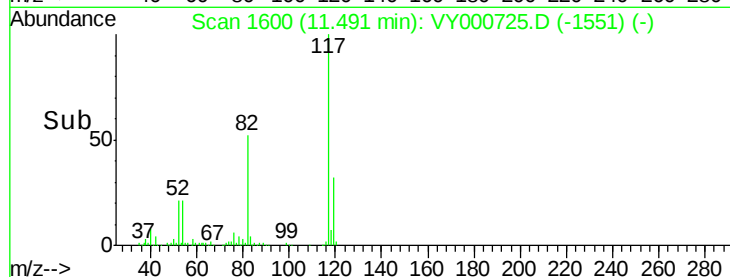
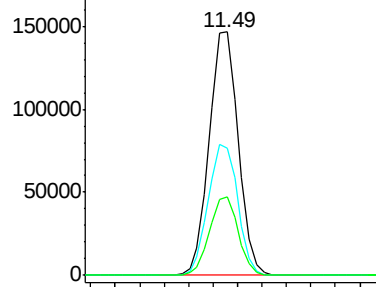
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000725.D
Acq: 18 Nov 2019 14:35

Instrument :
MSVOA_Y
ClientSampleId :
EP-11

Tgt Ion:117 Resp: 241300
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 32.3 26.2 39.2

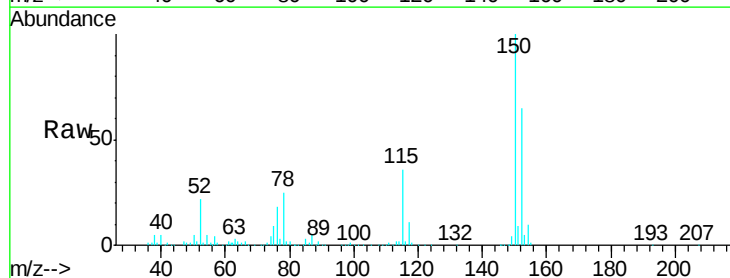


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

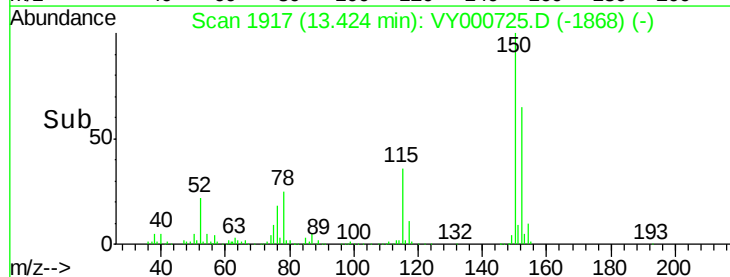
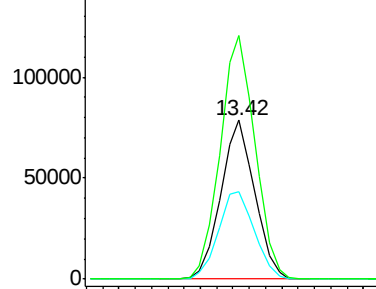


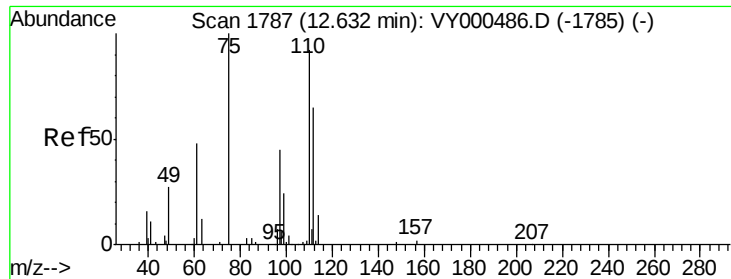
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000725.D
Acq: 18 Nov 2019 14:35

Tgt Ion:152 Resp: 113440
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 157.6 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

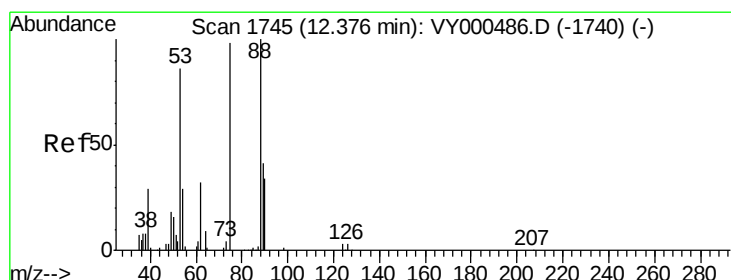
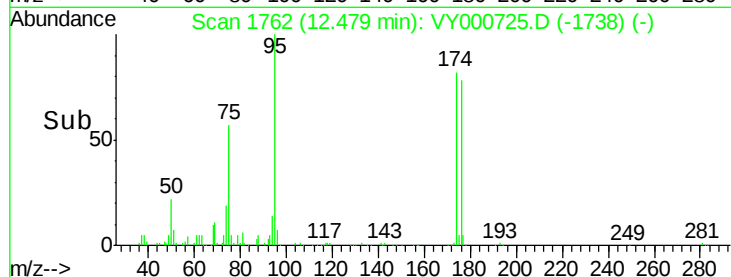
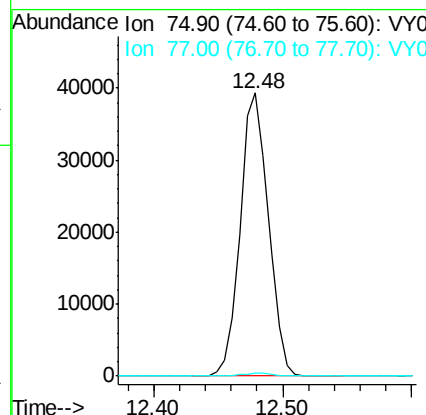
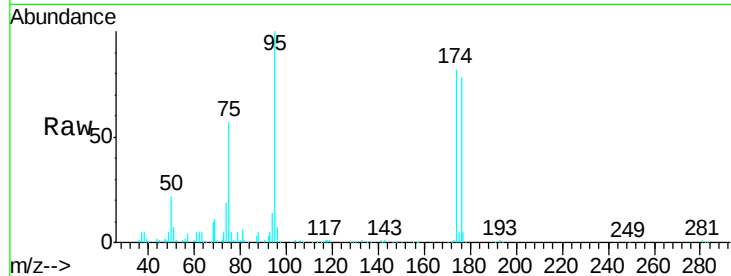




#76
 1,2,3-Trichloropropane
 Concen: 45.992 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY000725.D
 Acq: 18 Nov 2019 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-11

Tgt Ion: 75 Resp: 59406
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.119 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000725.D
 Acq: 18 Nov 2019 14:35

Tgt Ion: 75 Resp: 59406
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.1 35.9 53.9#

