

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000729.D
 Acq On : 18 Nov 2019 16:04
 Operator : SY/MD
 Sample : K5861-22RE
 Misc : 3.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-19RE

Quant Time: Nov 18 16:27:33 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	170905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	318413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137288	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	114579	64.78	ug/l	0.00
Spiked Amount			Recovery	=	129.56%	
35) Dibromofluoromethane	7.72	113	94217	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.18	98	373029	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.48	95	132098	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	

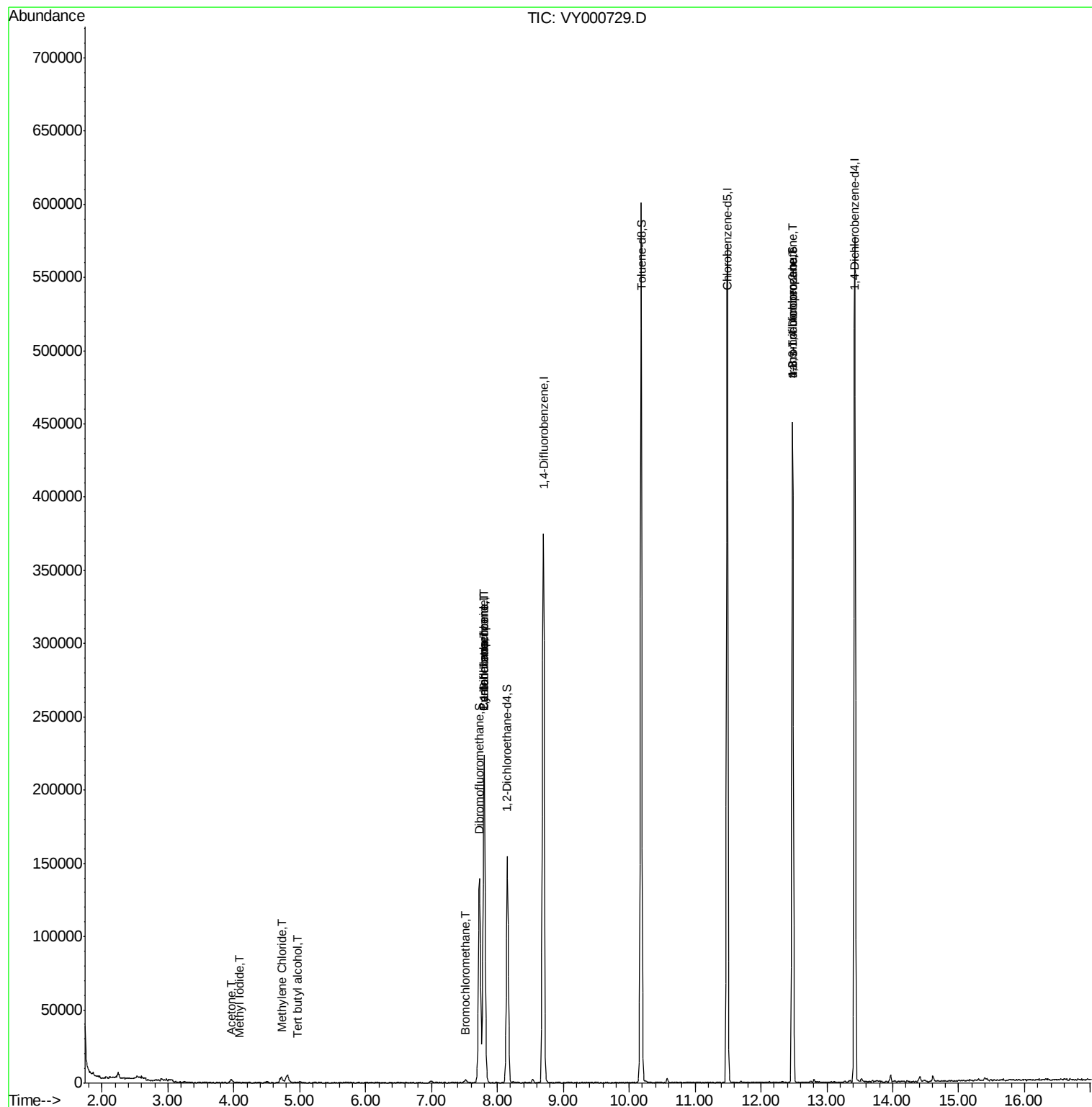
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.08	142	47	3.218	ug/l #	41
11) Tert butyl alcohol	4.97	59	469	2.724	ug/l #	72
16) Acetone	3.96	43	4066	8.341	ug/l #	83
20) Methylene Chloride	4.72	84	2633	1.261	ug/l #	85
28) Bromochloromethane	7.52	49	182	4.205	ug/l #	14
31) Cyclohexane	7.80	56	4263	1.245	ug/l #	33
36) 1,1-Dichloropropene	7.80	75	14210	4.721	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16221	5.600	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	70560	45.138	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	70560	101.205	ug/l #	13

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
Data File : VY000729.D
Acq On : 18 Nov 2019 16:04
Operator : SY/MD
Sample : K5861-22RE
Misc : 3.17G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
EP-19RE

Quant Time: Nov 18 16:27:33 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: VY000729.D

Acq: 18 Nov 2019 16:04

Instrument :

MSVOA_Y

ClientSampleId :

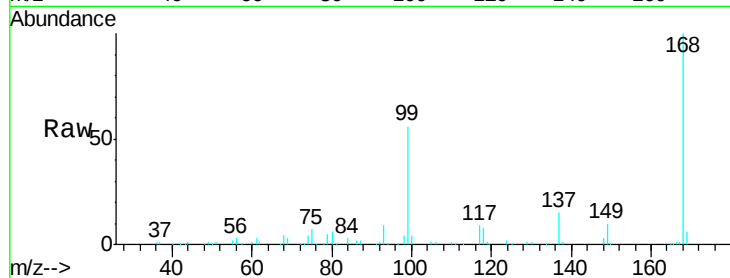
EP-19RE

Tgt Ion:168 Resp: 170905

Ion Ratio Lower Upper

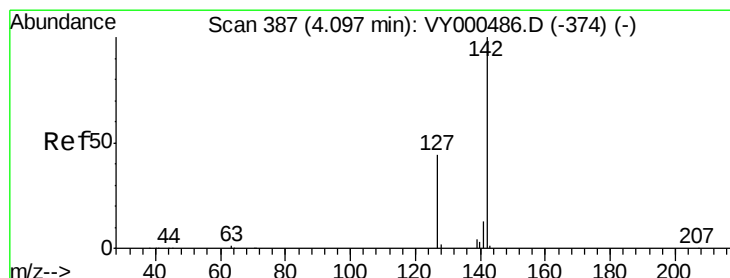
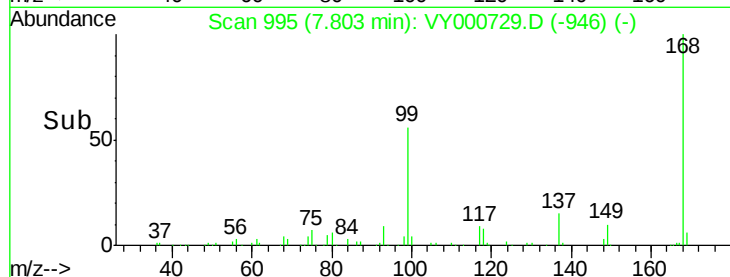
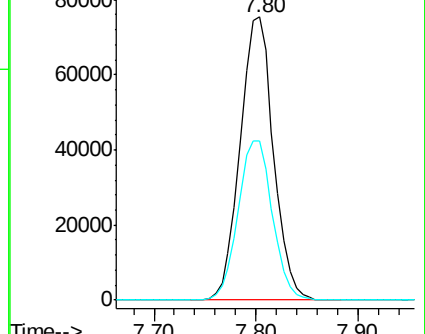
168 100

99 56.3 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: 3.218 ug/l

RT: 4.08 min Scan# 384

Delta R.T. -0.02 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

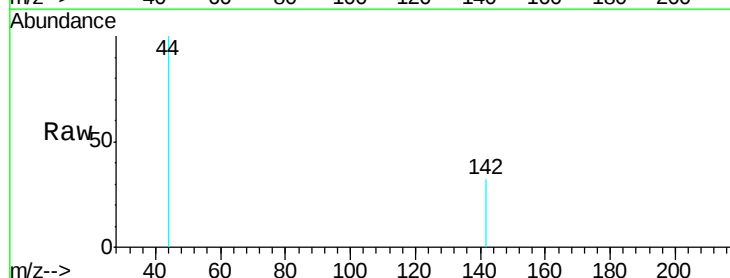
Tgt Ion:142 Resp: 47

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

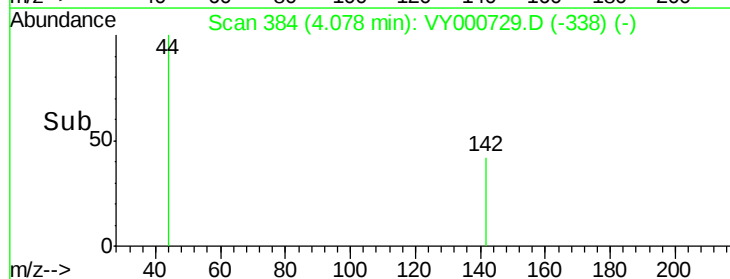
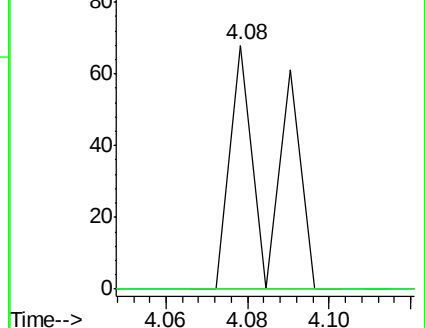
141 0.0 10.9 16.3#



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



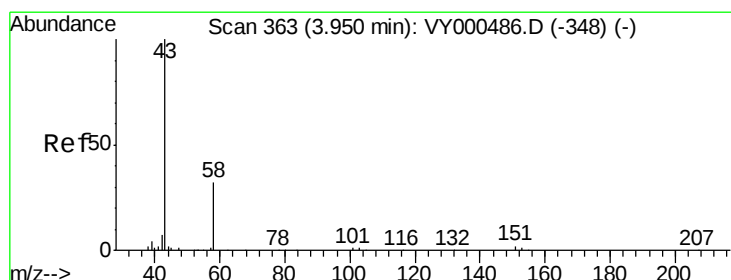
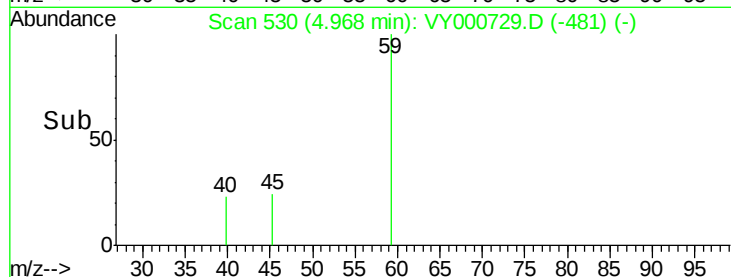
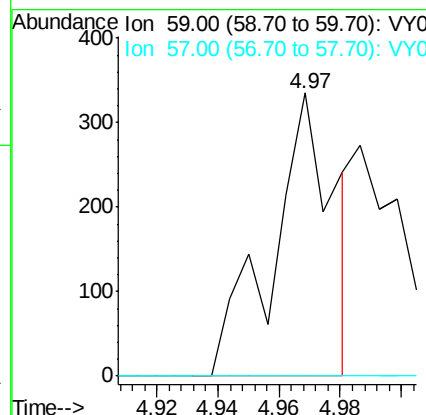
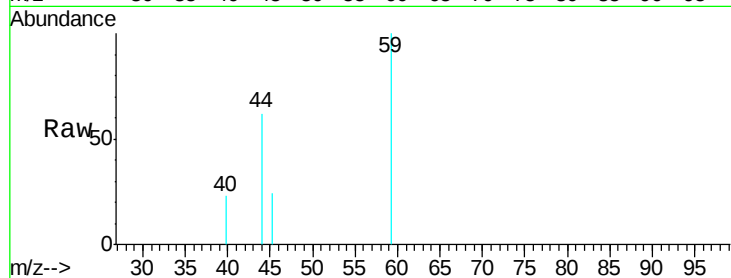


#11

Tert butyl alcohol
 Concen: 2.724 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000729.D
 Acq: 18 Nov 2019 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-19RE

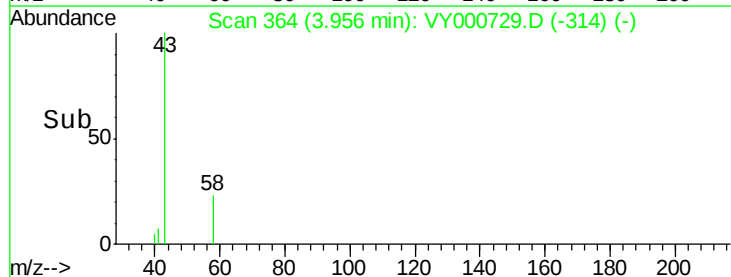
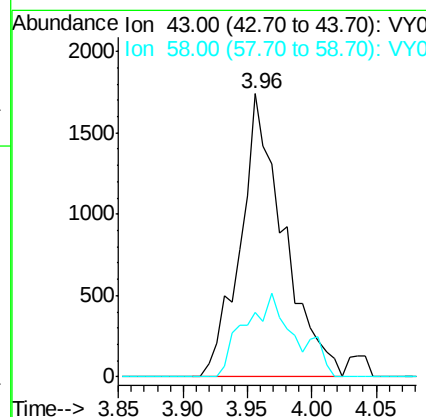
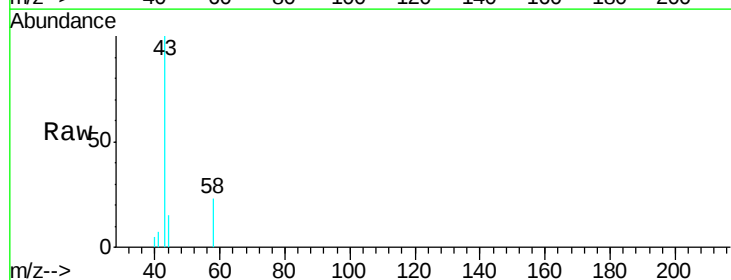
Tgt Ion: 59 Resp: 469
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

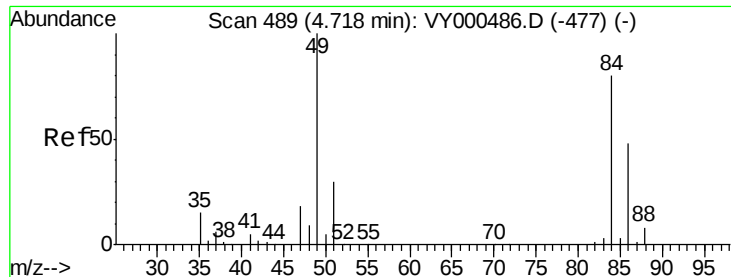


#16

Acetone
 Concen: 8.341 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY000729.D
 Acq: 18 Nov 2019 16:04

Tgt Ion: 43 Resp: 4066
 Ion Ratio Lower Upper
 43 100
 58 22.8 25.8 38.6#





#20

Methylene Chloride

Concen: 1.261 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

Instrument :

MSVOA_Y

ClientSampleId :

EP-19RE

Tgt Ion: 84 Resp: 2633

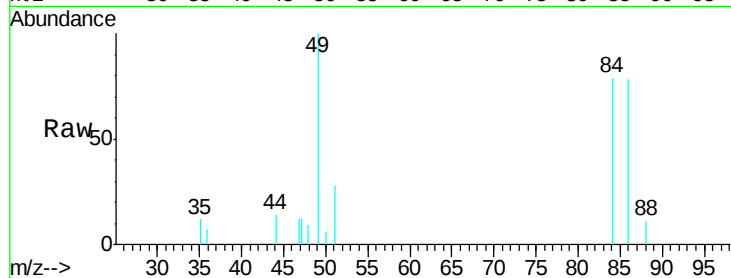
Ion Ratio Lower Upper

84 100

49 127.0 100.2 150.4

51 35.9 29.6 44.4

86 99.2 48.3 72.5#



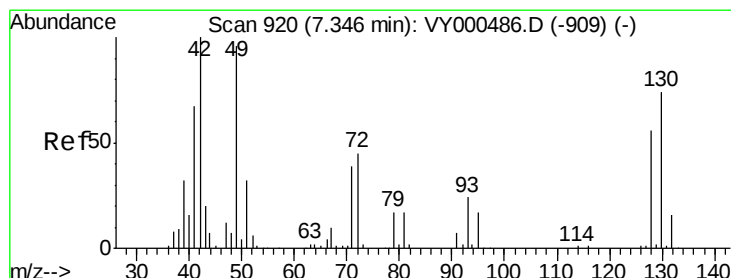
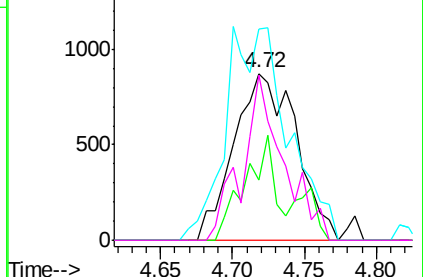
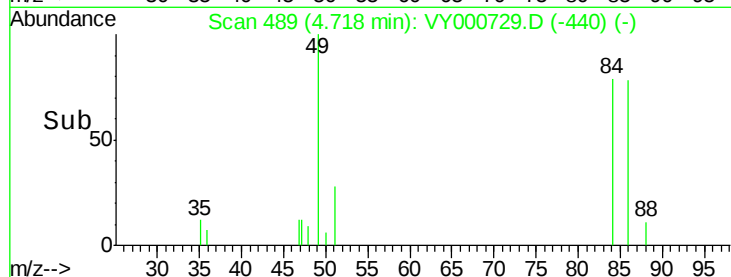
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

Time-->



#28

Bromochloromethane

Concen: 4.205 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.18 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

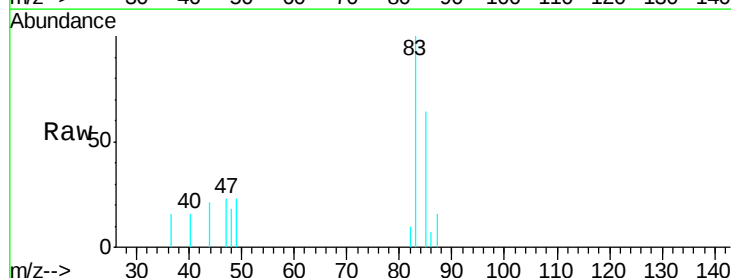
Tgt Ion: 49 Resp: 182

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 59.4 89.0#

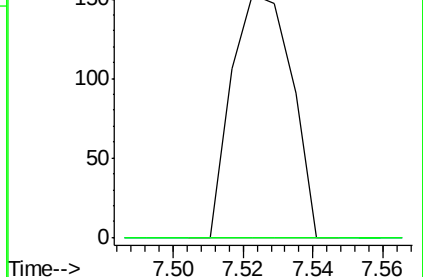
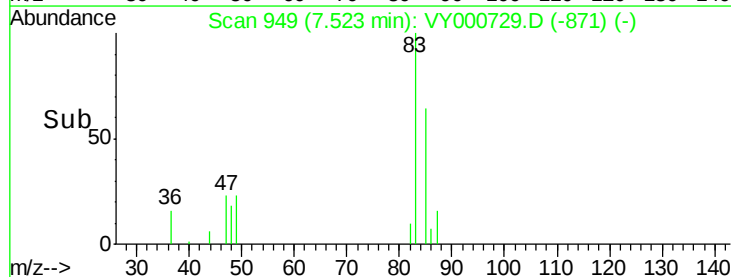


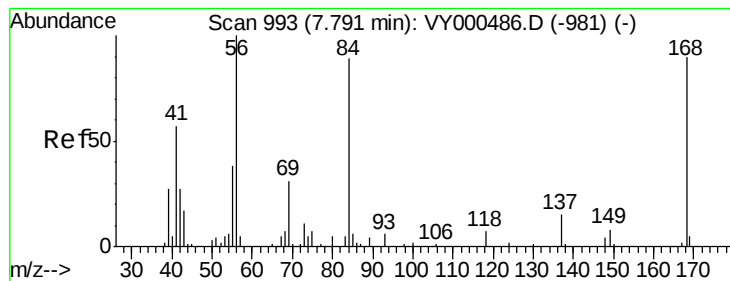
Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->

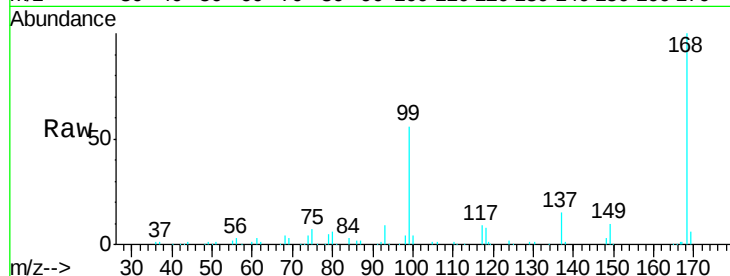




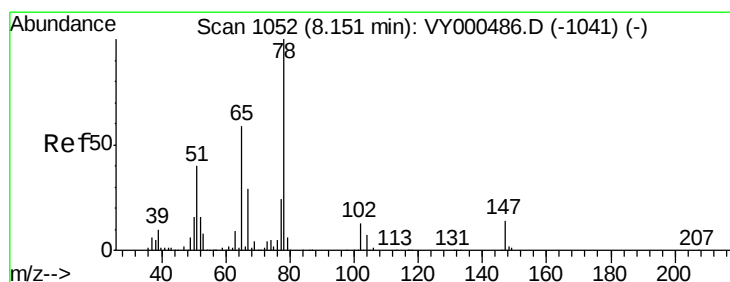
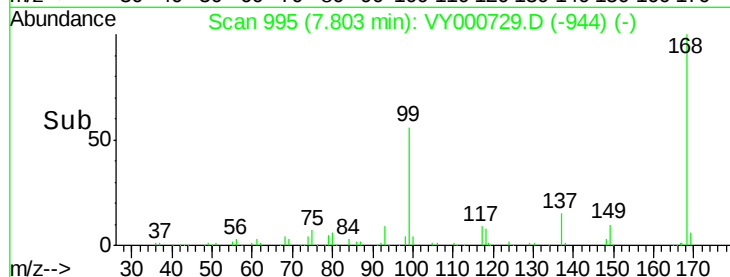
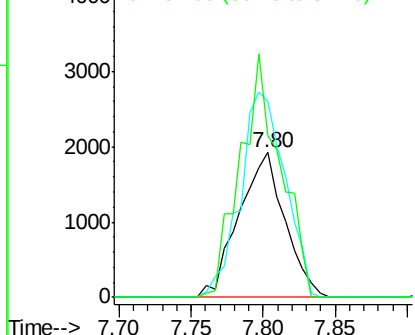
#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000729.D
Acq: 18 Nov 2019 16:04

Instrument :
MSVOA_Y
ClientSampled :
EP-19RE

Tgt Ion: 56 Resp: 4263
Ion Ratio Lower Upper
56 100
69 135.6 25.0 37.6#
84 111.6 71.4 107.2#

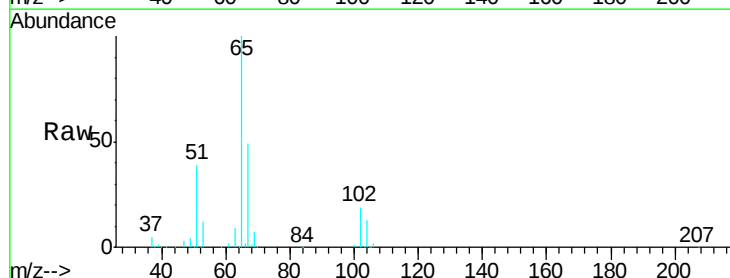


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

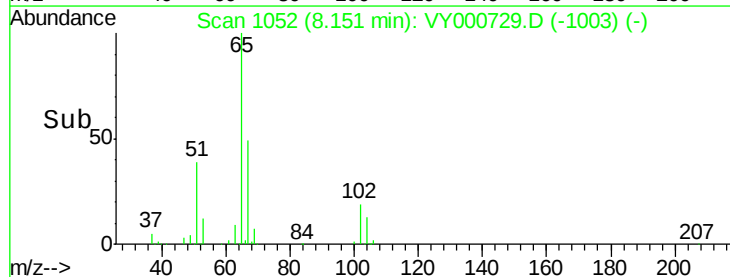
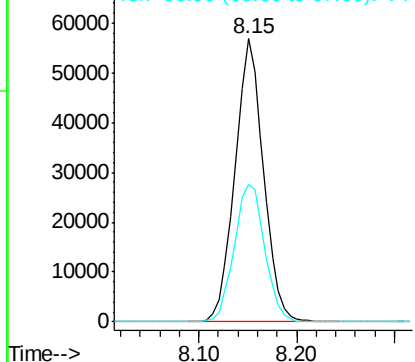


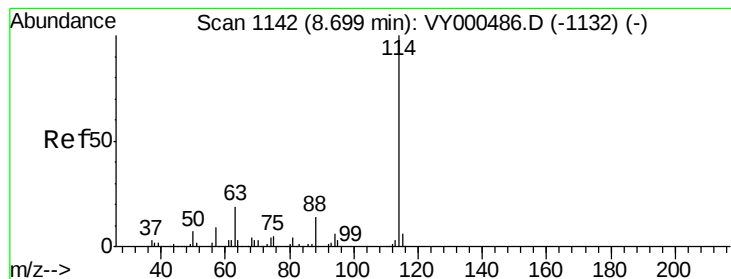
#33
1,2-Dichloroethane-d4
Concen: 64.784 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000729.D
Acq: 18 Nov 2019 16:04

Tgt Ion: 65 Resp: 114579
Ion Ratio Lower Upper
65 100
67 52.0 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: VY000729.D

Acq: 18 Nov 2019 16:04

Instrument :

MSVOA_Y

ClientSampleId :

EP-19RE

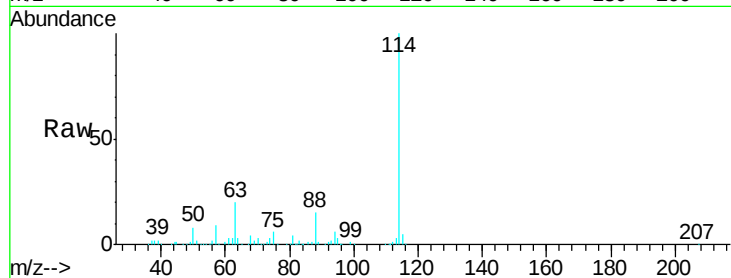
Tgt Ion:114 Resp: 318413

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

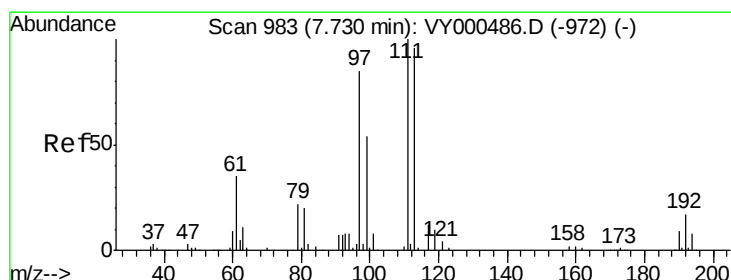
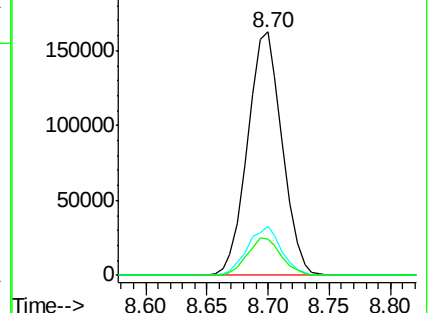
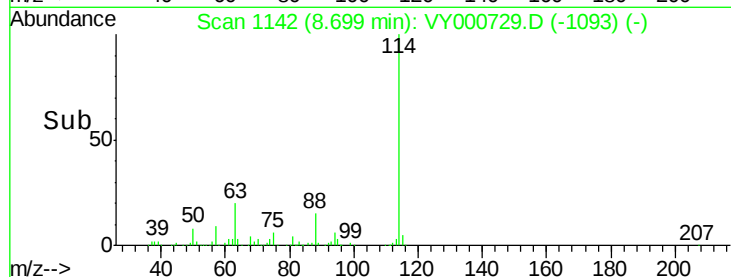
88 15.0 0.0 28.6



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: 50.403 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

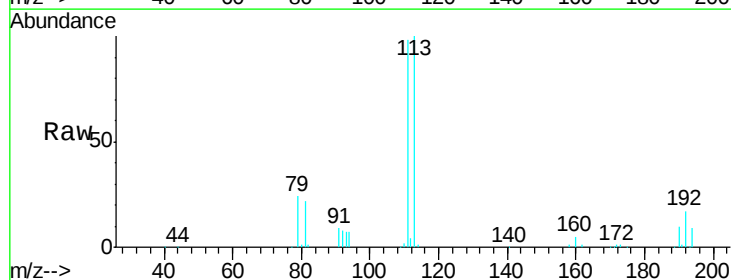
Tgt Ion:113 Resp: 94217

Ion Ratio Lower Upper

113 100

111 105.8 81.7 122.5

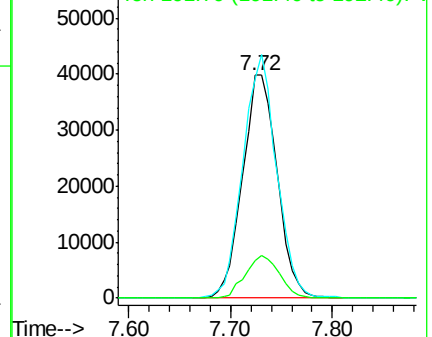
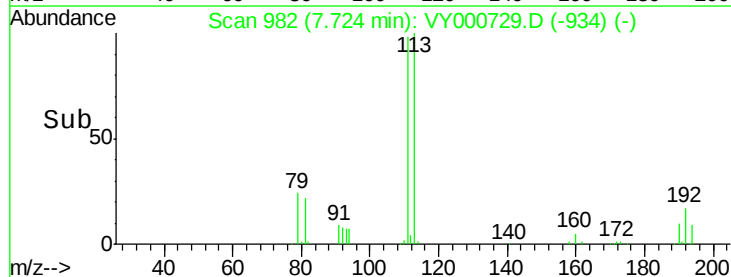
192 18.8 15.0 22.4

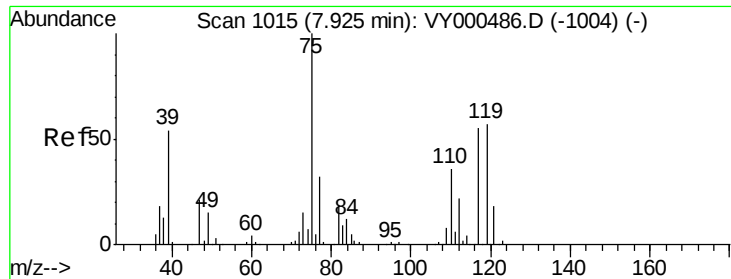


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

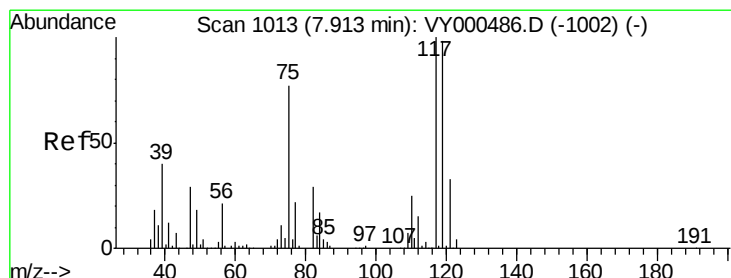
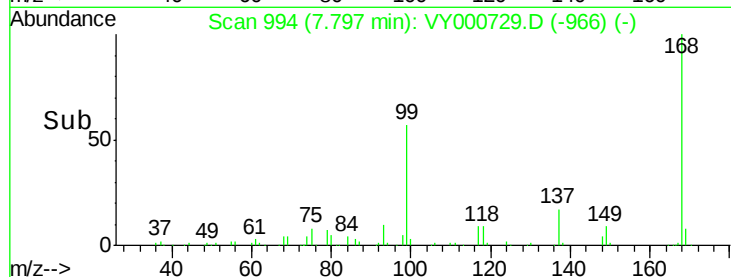
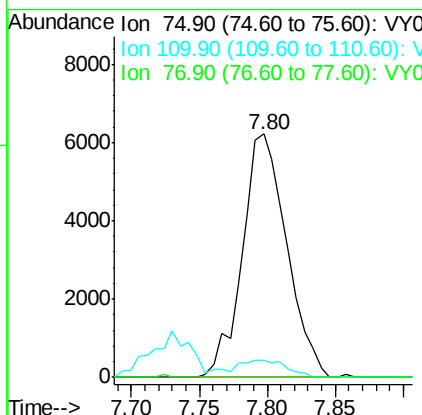
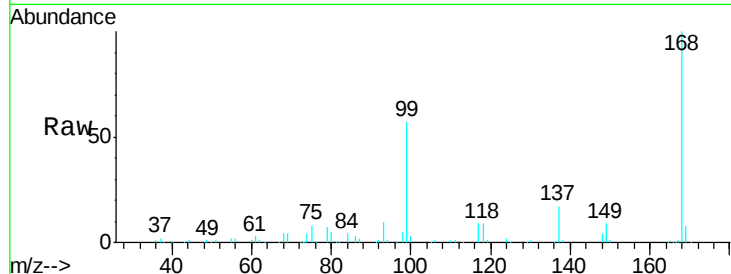




#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000729.D
 Acq: 18 Nov 2019 16:04

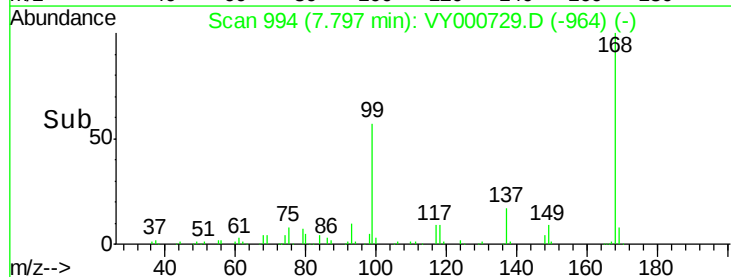
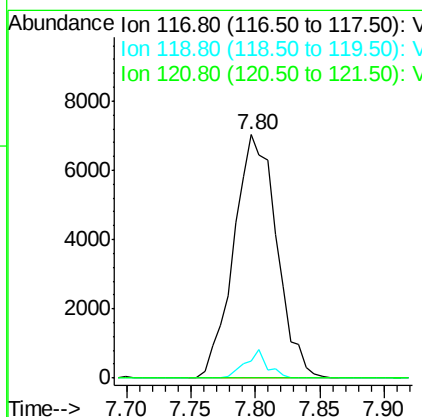
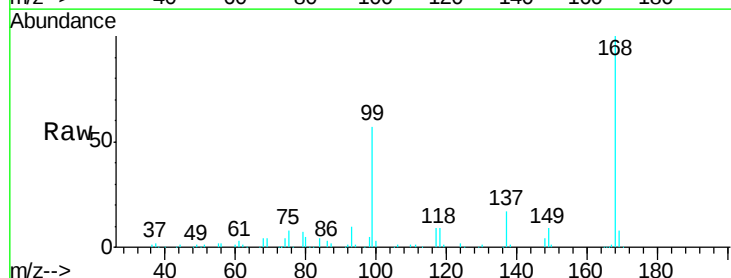
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-19RE

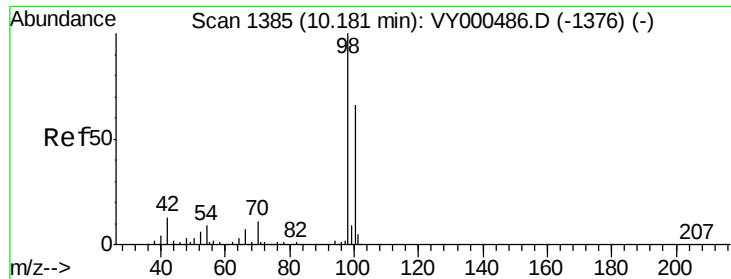
Tgt Ion: 75 Resp: 14210
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.1 54.1#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.600 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000729.D
 Acq: 18 Nov 2019 16:04

Tgt Ion: 117 Resp: 16221
 Ion Ratio Lower Upper
 117 100
 119 6.9 78.0 117.0#
 121 0.0 26.6 40.0#





#50

Toluene-d8

Concen: 52.591 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

Instrument :

MSVOA_Y

ClientSampleId :

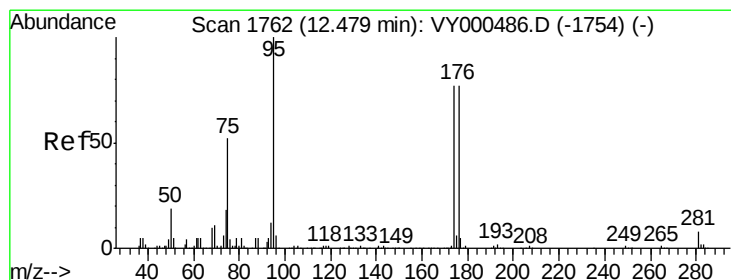
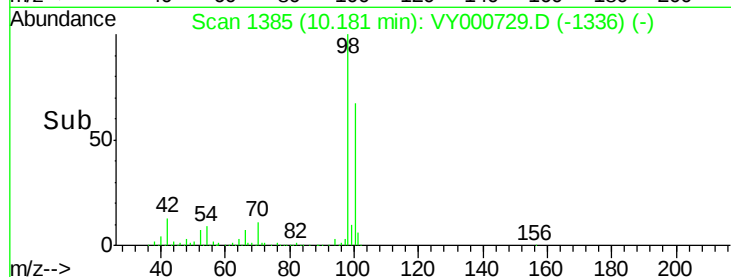
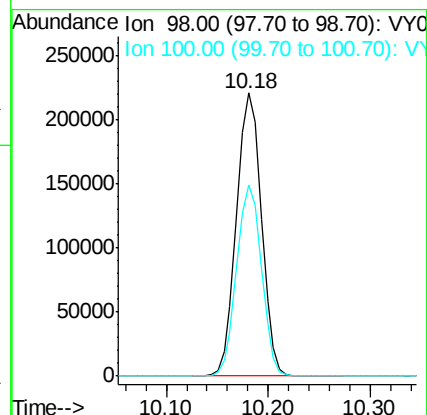
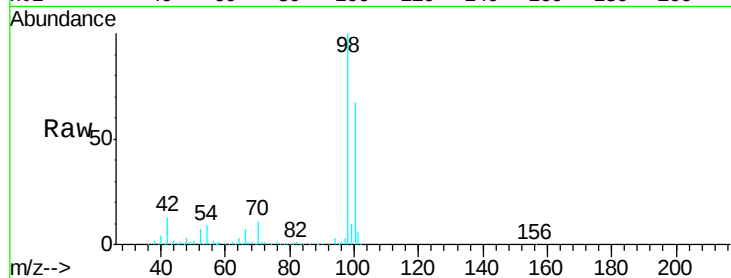
EP-19RE

Tgt Ion: 98 Resp: 373029

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.921 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

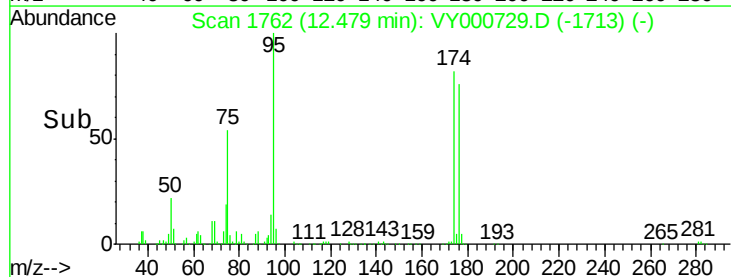
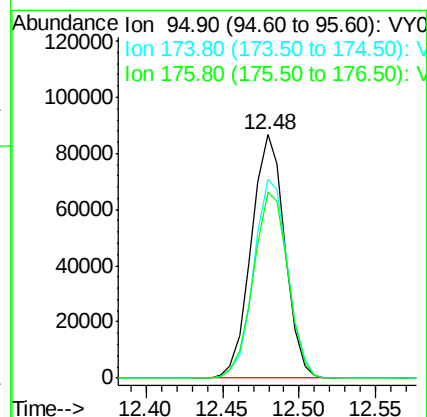
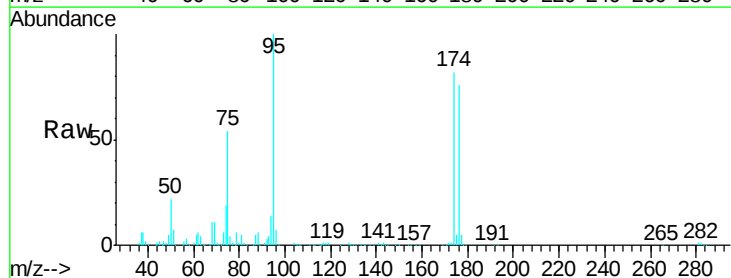
Tgt Ion: 95 Resp: 132098

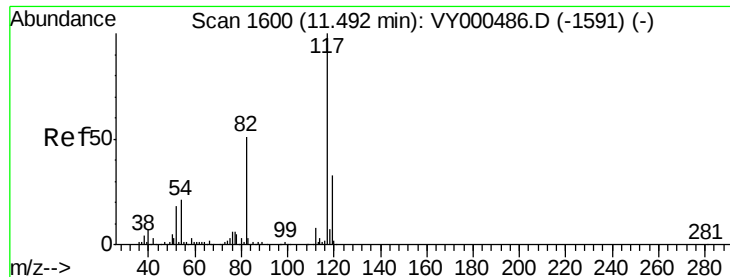
Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

176 79.4 0.0 157.8

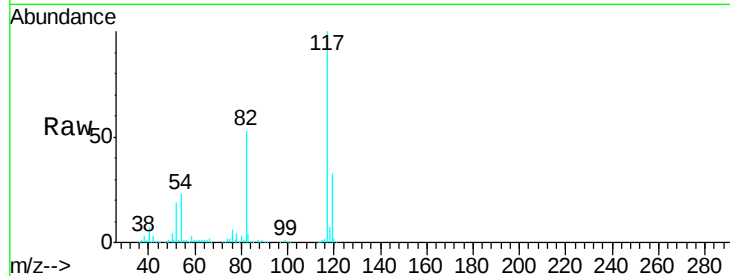




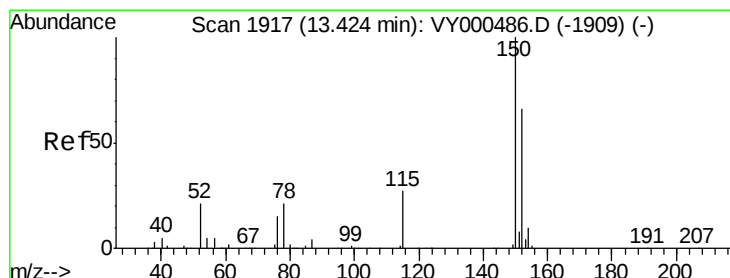
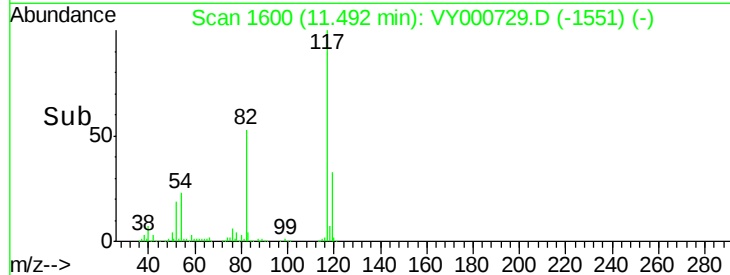
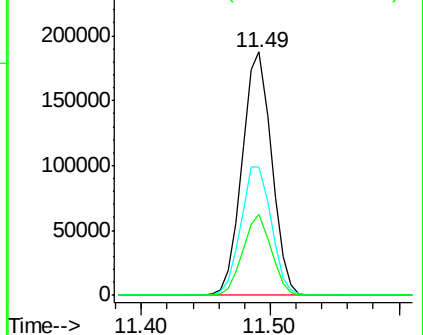
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000729.D
Acq: 18 Nov 2019 16:04

Instrument :
MSVOA_Y
ClientSampleId :
EP-19RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.8	61.2
119	33.3	26.2	39.2

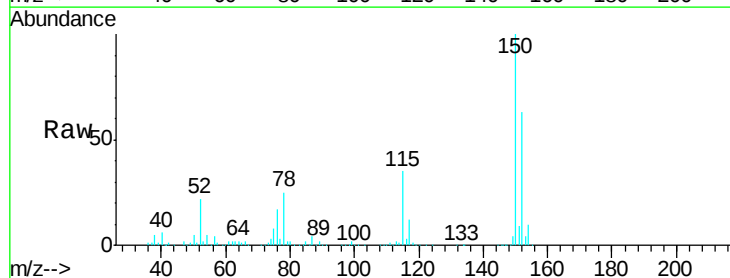


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

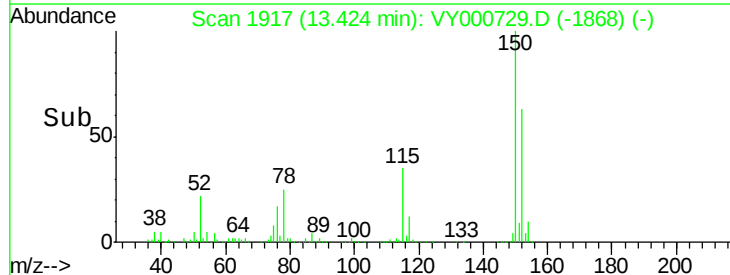
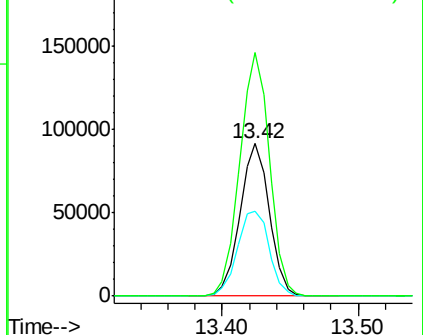


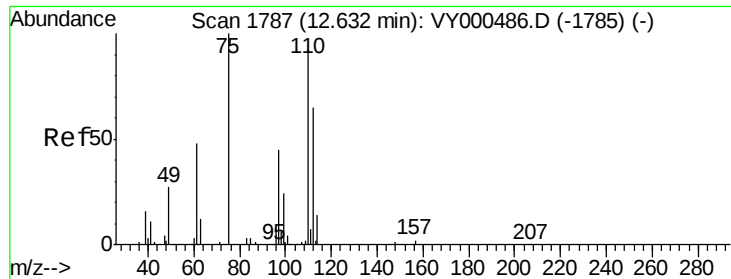
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000729.D
Acq: 18 Nov 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.1	87.4
150	161.7	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: 45.138 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

Instrument :

MSVOA_Y

ClientSampled :

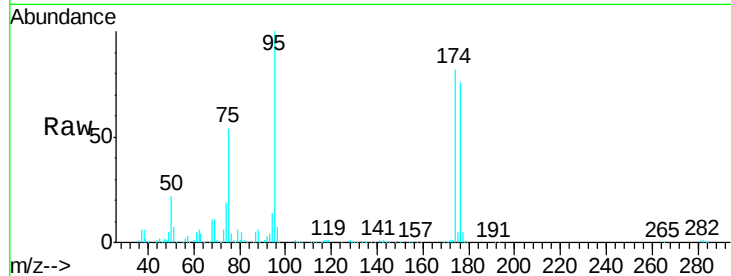
EP-19RE

Tgt Ion: 75 Resp: 70560

Ion Ratio Lower Upper

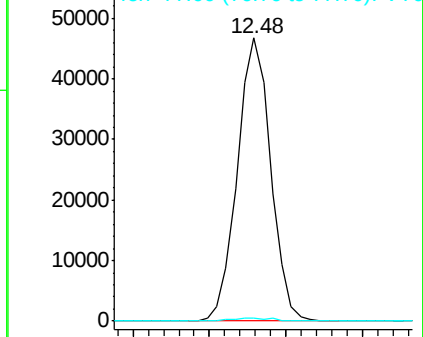
75 100

77 1.3 0.0 0.0#

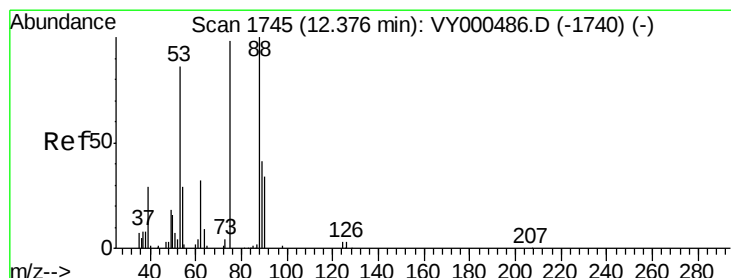
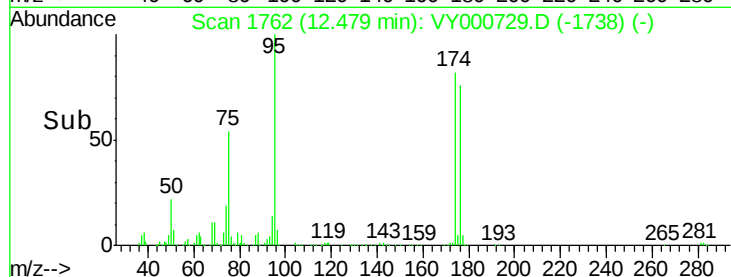


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 101.205 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000729.D

Acq: 18 Nov 2019 16:04

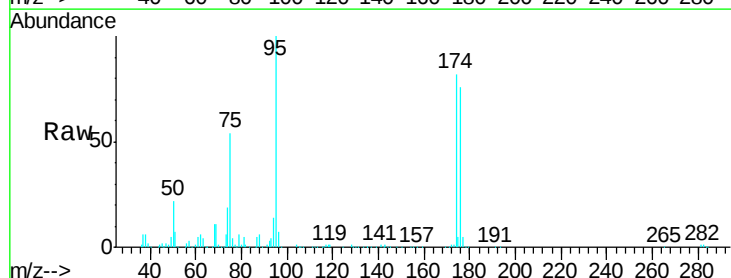
Tgt Ion: 75 Resp: 70560

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

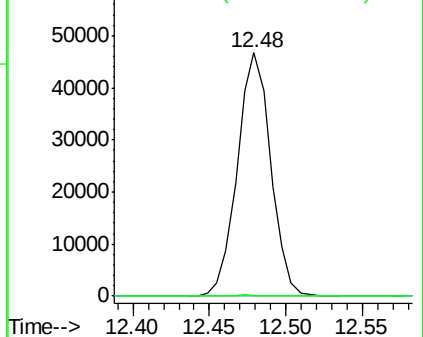
89 0.3 35.9 53.9#



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



Time--> 12.40 12.45 12.50 12.55

