

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003124.D
 Acq On : 07 Jul 2020 14:15
 Operator : SY/MD
 Sample : L3230-02
 Misc : 7.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Quant Time: Jul 08 03:50:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	172247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	270545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125613	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	87658	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.72	113	87834	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
50) Toluene-d8	10.18	98	321197	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	108133	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

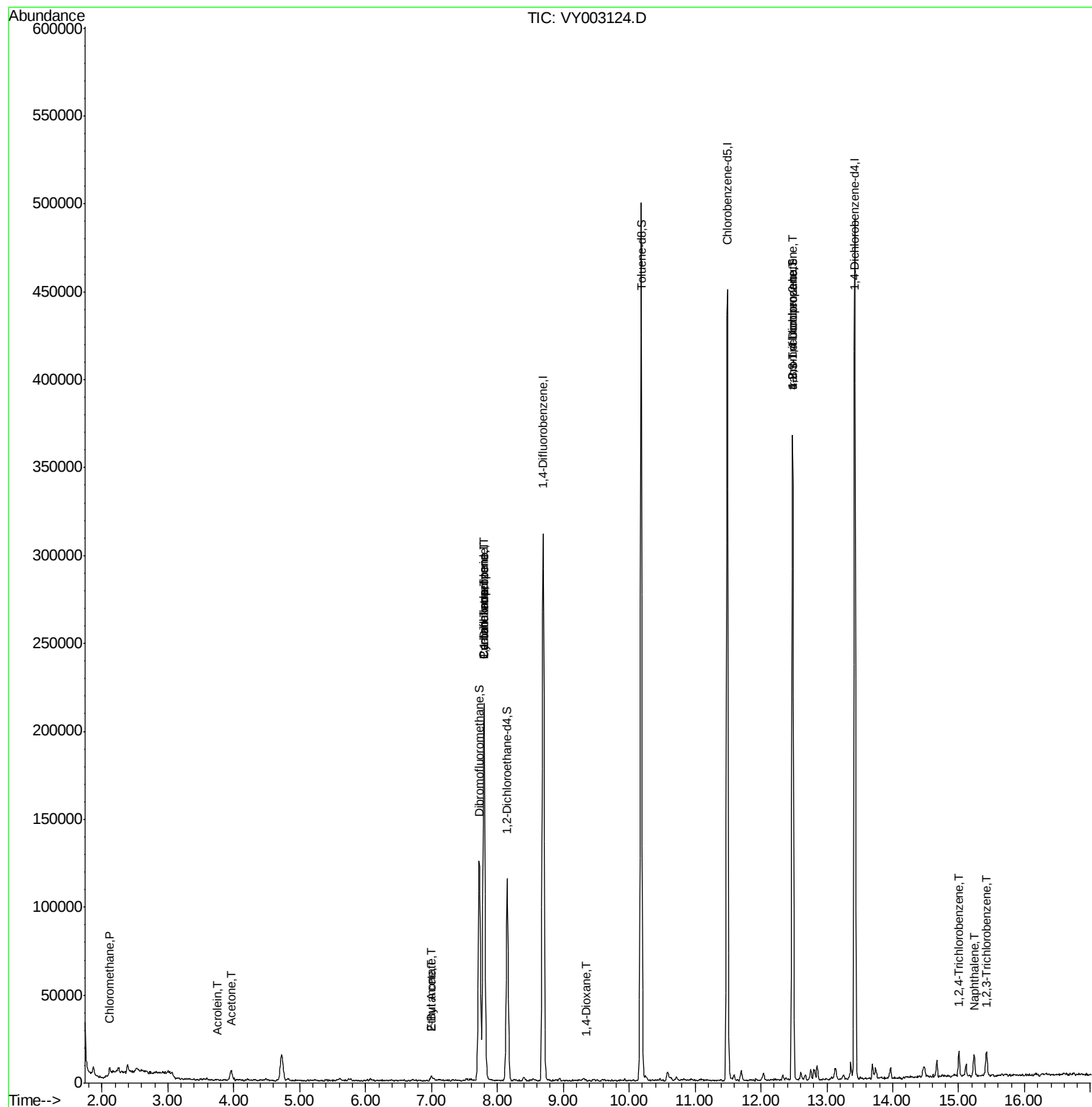
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	2481	1.299	ug/l #	86
13) Acrolein	3.74	56	353	2.254	ug/l	84
16) Acetone	3.96	43	9018	22.351	ug/l #	87
20) Methylene Chloride	4.72	84	11516	Below Cal	#	87
25) 2-Butanone	7.00	43	3495	5.453	ug/l #	85
31) Cyclohexane	7.79	56	3582	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11840	4.543	ug/l #	50
37) Ethyl Acetate	7.00	43	3495	2.231	ug/l #	81
38) Carbon Tetrachloride	7.80	117	15234	5.619	ug/l #	18
49) 1,4-Dioxane	9.36	88	19	1.452	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	54306	43.683	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	54306	84.989	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.01	180	4184	1.595	ug/l	97
95) Naphthalene	15.23	128	8535	1.781	ug/l	96
96) 1,2,3-Trichlorobenzene	15.42	180	4143	1.819	ug/l	93

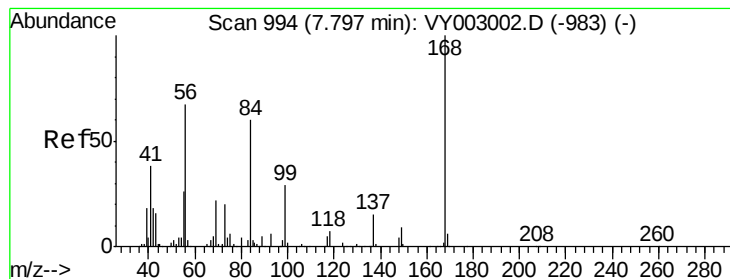
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

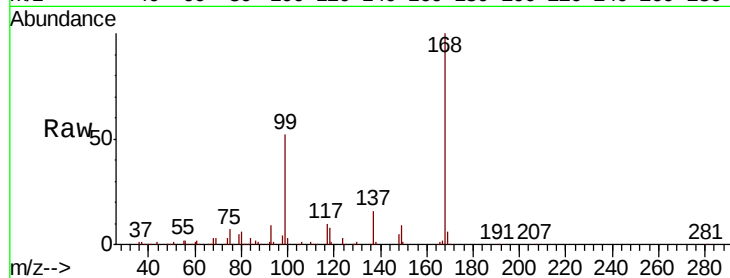
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:168 Resp: 172247

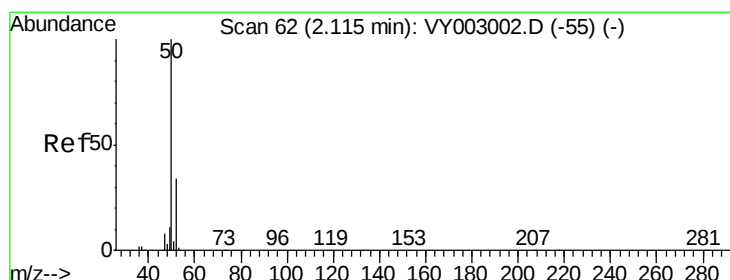
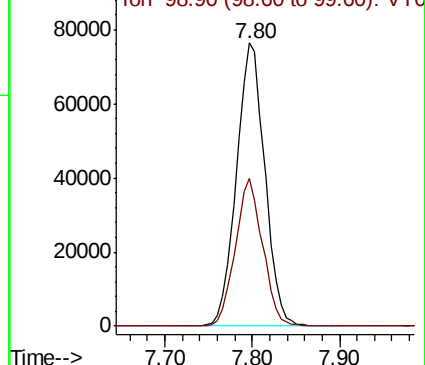
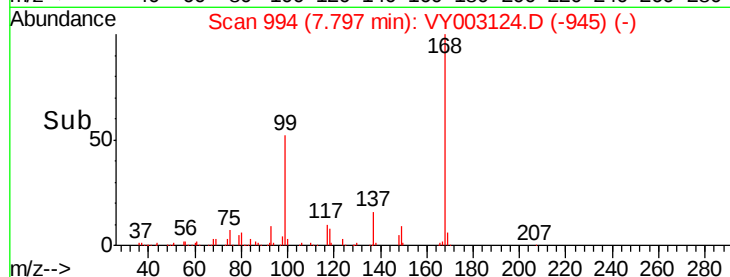
Ion Ratio Lower Upper

168 100

99 52.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003124.D (-945) (-)



#3

Chloromethane

Concen: 1.299 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003124.D

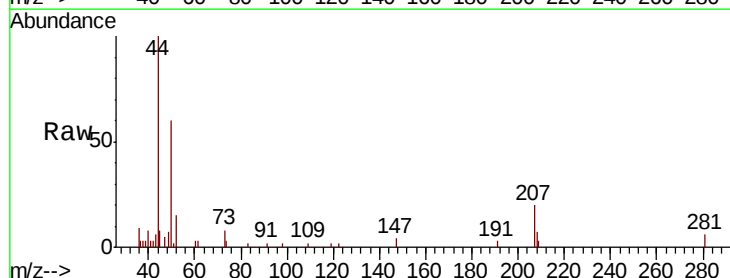
Acq: 07 Jul 2020 14:15

Tgt Ion: 50 Resp: 2481

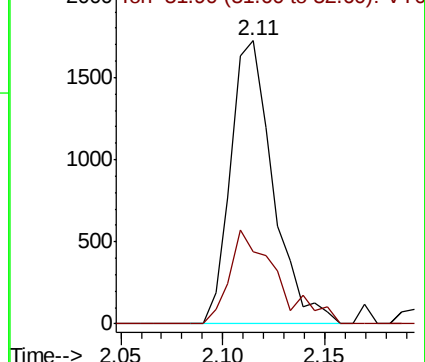
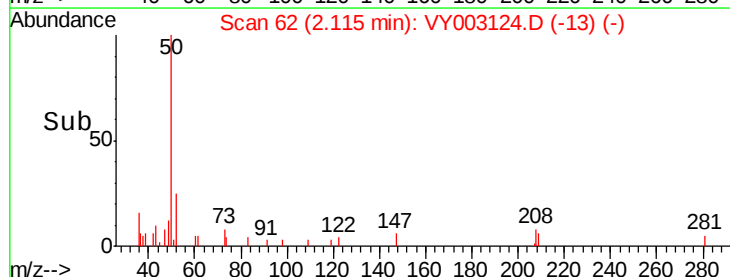
Ion Ratio Lower Upper

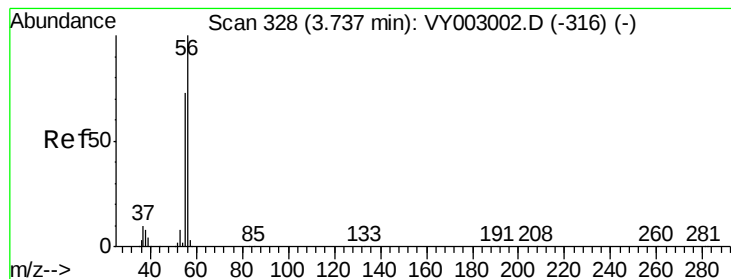
50 100

52 25.4 26.9 40.3#



Abundance Ion 49.90 (49.60 to 50.60): VY003124.D (-13) (-)





#13

Acrolein

Concen: 2.254 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

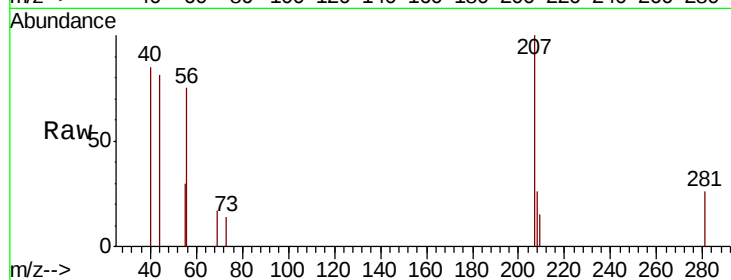
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 56 Resp: 353

Ion Ratio Lower Upper

56 100

55 83.3 56.4 84.6

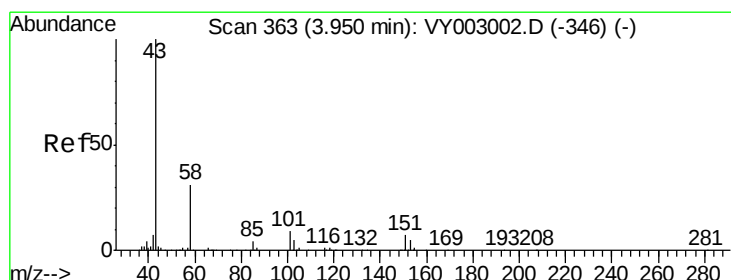
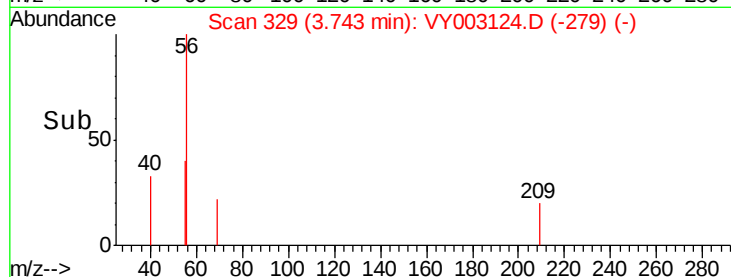


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

Time-->



#16

Acetone

Concen: 22.351 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003124.D

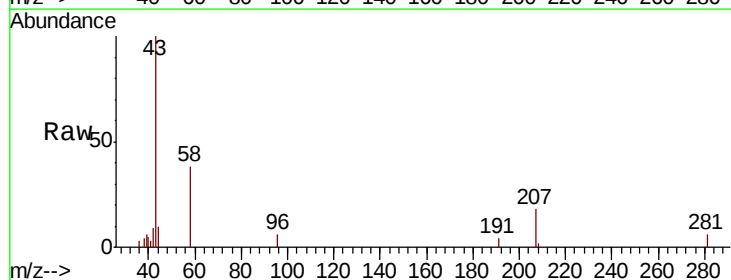
Acq: 07 Jul 2020 14:15

Tgt Ion: 43 Resp: 9018

Ion Ratio Lower Upper

43 100

58 38.2 24.7 37.1#

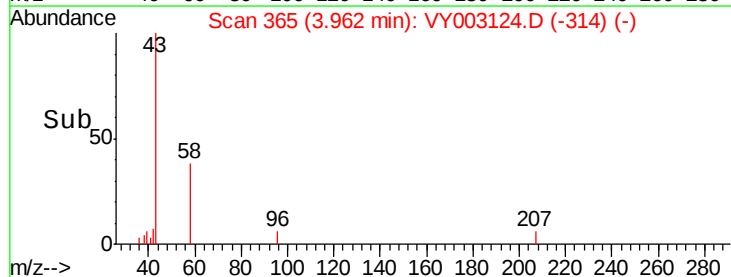


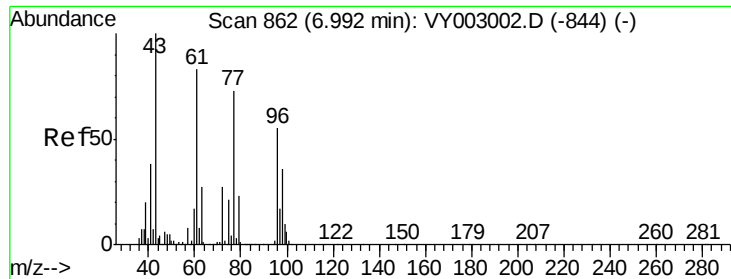
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

Time-->

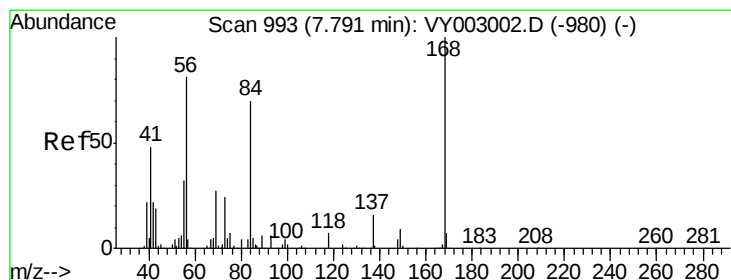
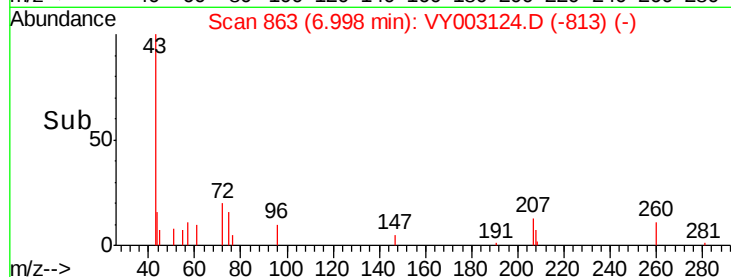
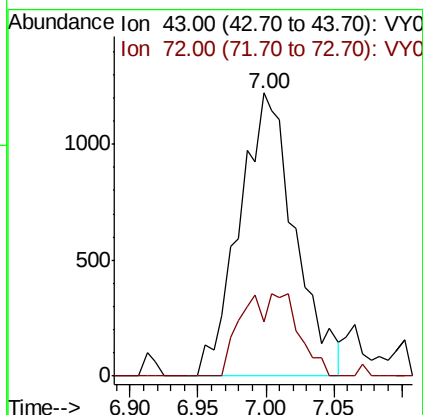
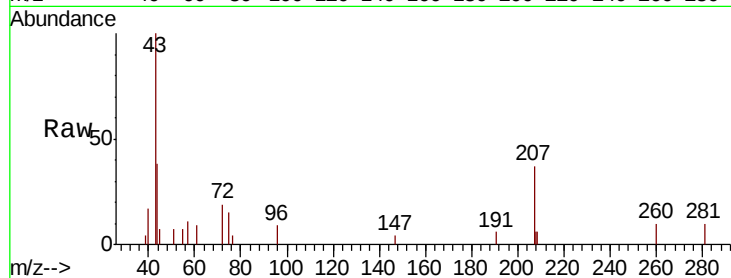




#25
2-Butanone
Concen: 5.453 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

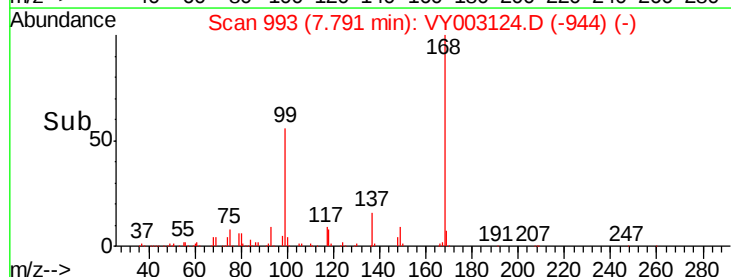
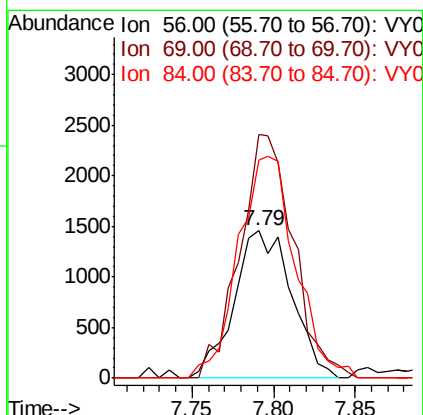
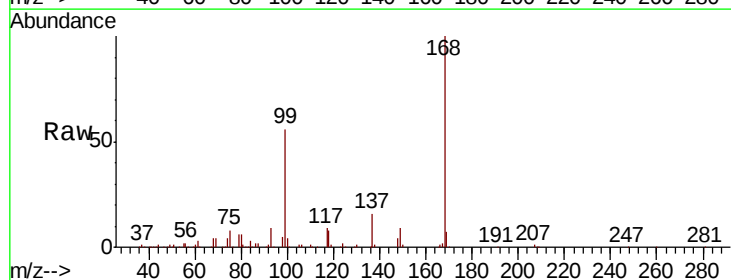
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

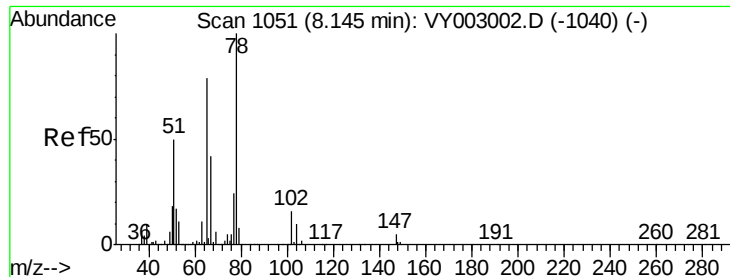
Tot Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
72 19.1 21.4 32.0#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt Ion: 56 Resp: 3582
Ion Ratio Lower Upper
56 100
69 165.2 27.0 40.4#
84 148.2 68.1 102.1#

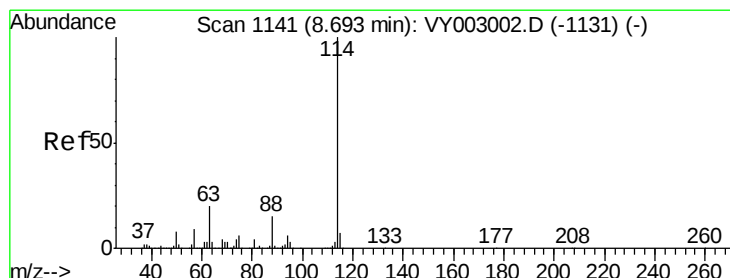
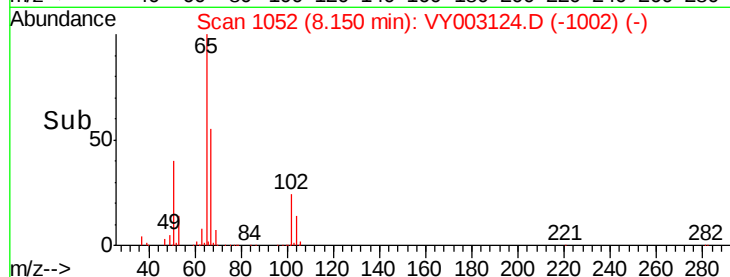
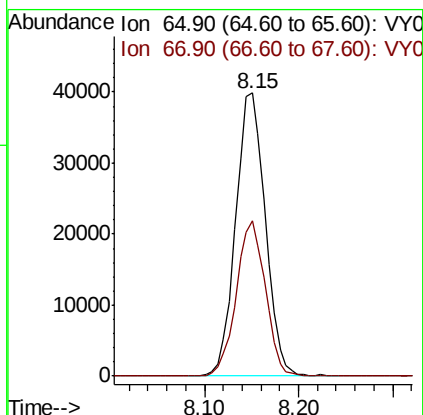
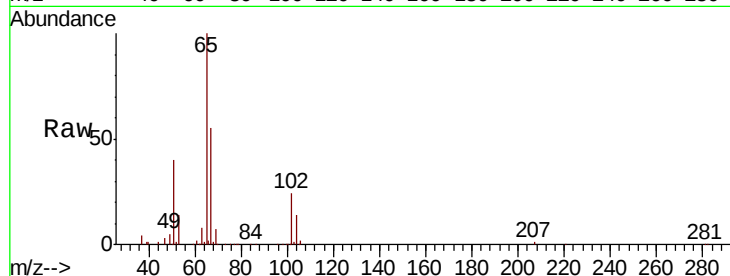




#33
 1,2-Dichloroethane-d4
 Concen: 51.239 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003124.D
 Acq: 07 Jul 2020 14:15

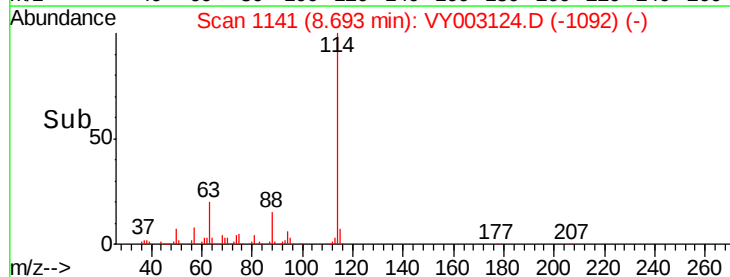
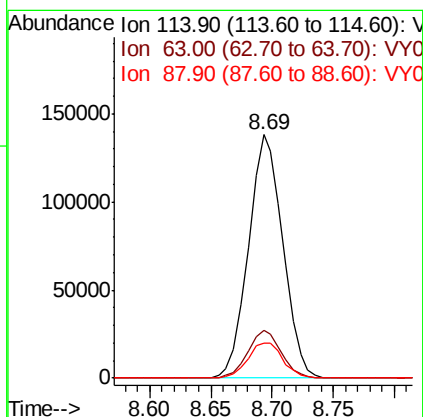
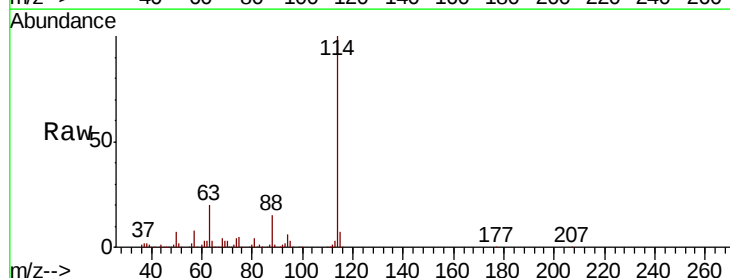
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

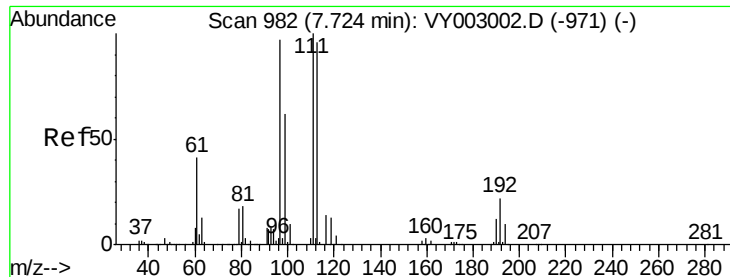
Tot Ion: 65 Resp: 87658
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003124.D
 Acq: 07 Jul 2020 14:15

Tgt Ion: 114 Resp: 270545
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 14.6 0.0 30.0

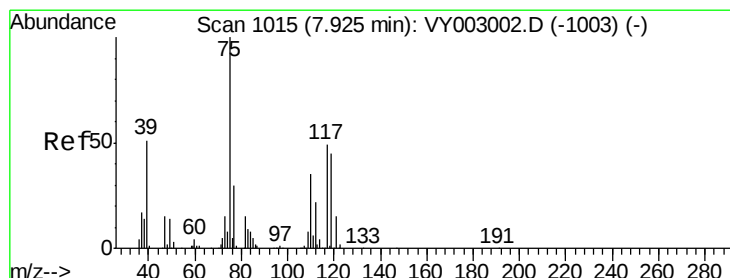
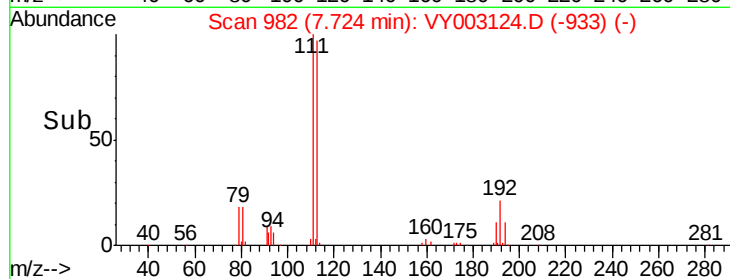
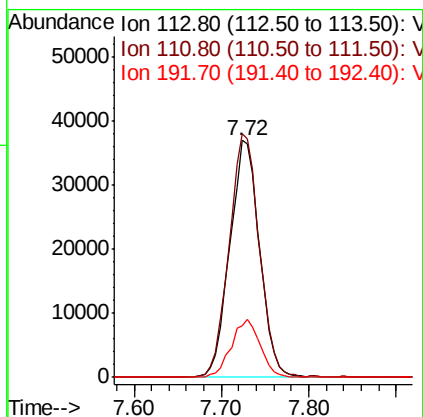
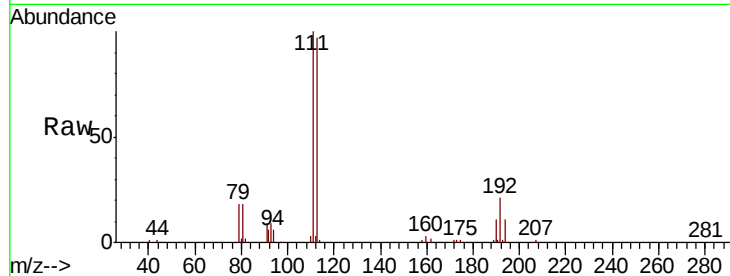




#35
 Dibromofluoromethane
 Concen: 52.043 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003124.D
 Acq: 07 Jul 2020 14:15

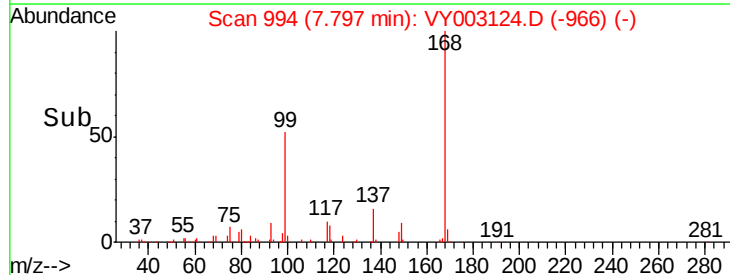
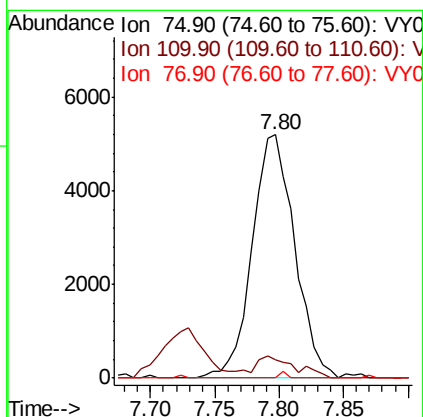
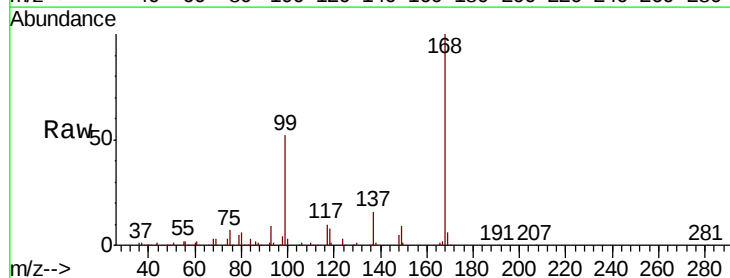
Instrument :
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 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

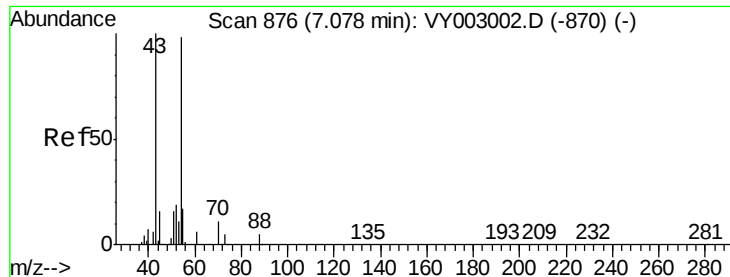
Tot Ion:113 Resp: 87834
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 123.8
 192 23.8 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.543 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003124.D
 Acq: 07 Jul 2020 14:15

Tgt Ion: 75 Resp: 11840
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.2#
 77 0.4 24.9 37.3#

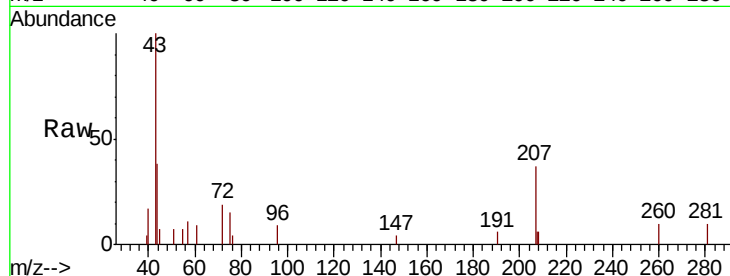




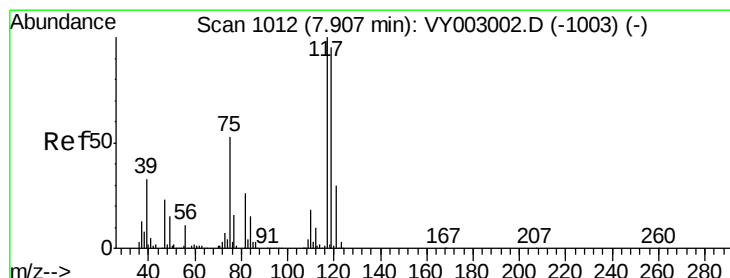
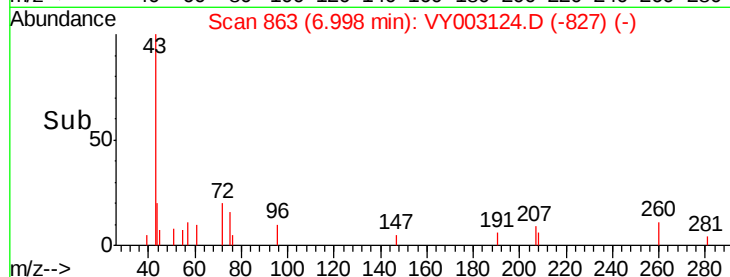
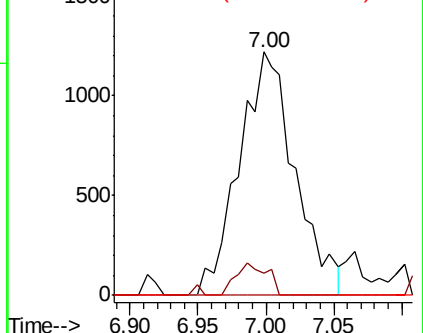
#37
Ethyl Acetate
Concen: 2.231 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.08 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
61 7.6 10.4 15.6#
70 0.0 7.7 11.5#

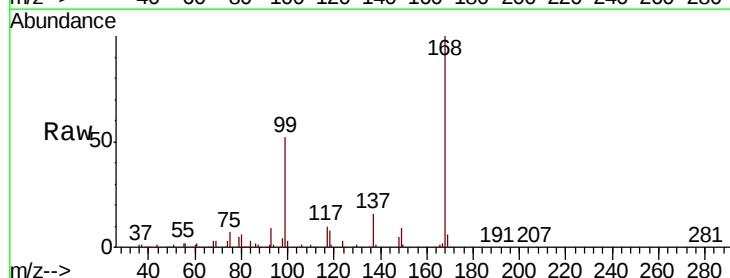


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

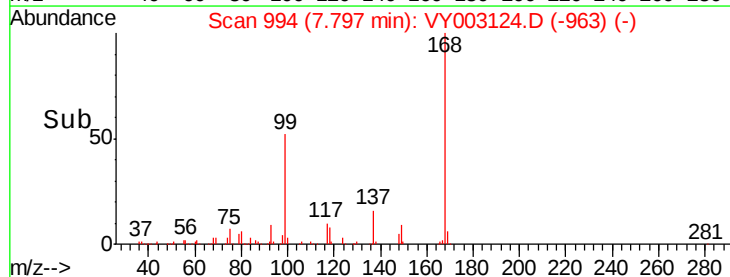
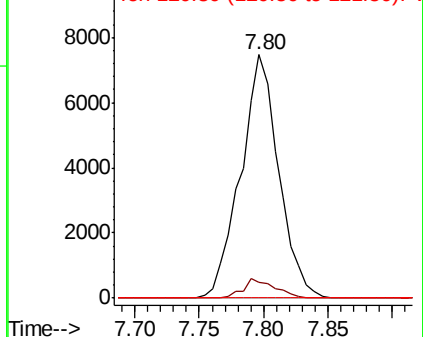


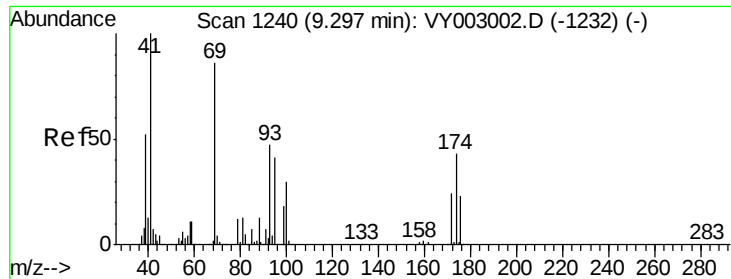
#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt Ion: 117 Resp: 15234
Ion Ratio Lower Upper
117 100
119 6.7 75.7 113.5#
121 0.0 23.9 35.9#



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

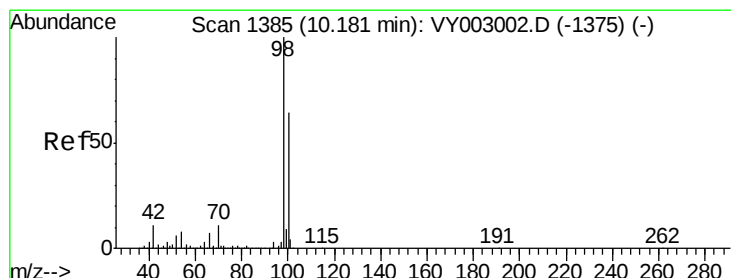
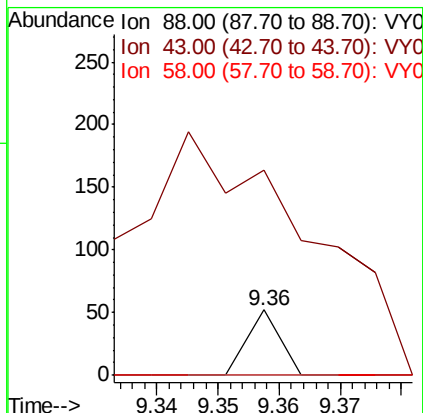
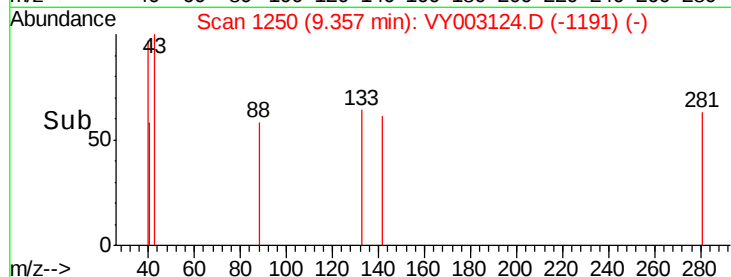
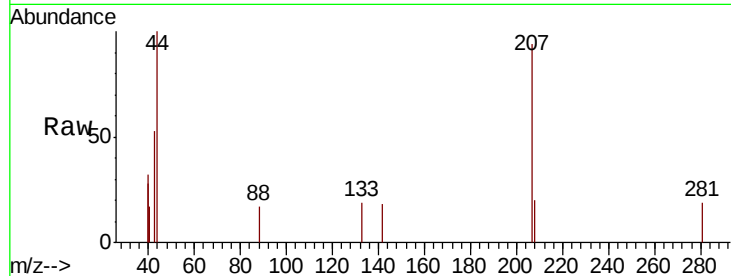




#49
1,4-Dioxane
Concen: 1.452 ug/l
RT: 9.36 min Scan# 1250
Delta R.T. 0.06 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

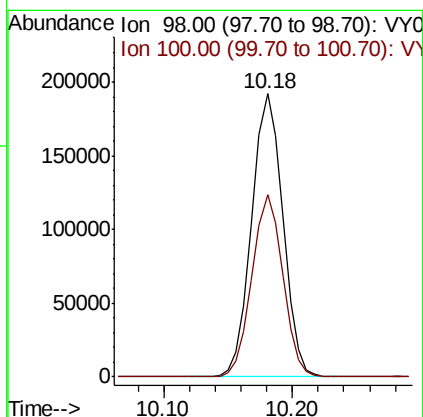
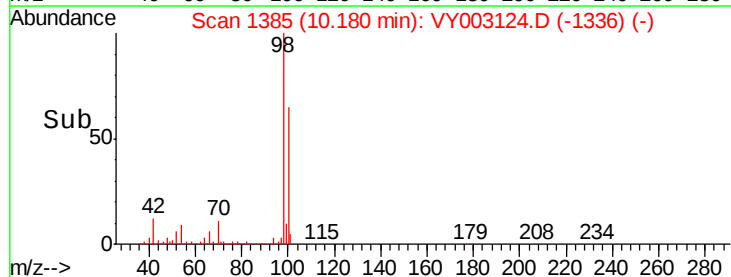
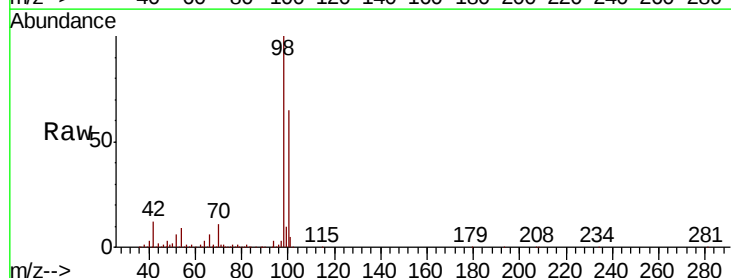
Instrument :
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FK-BPM-01-C4-D4-C4A-D4A

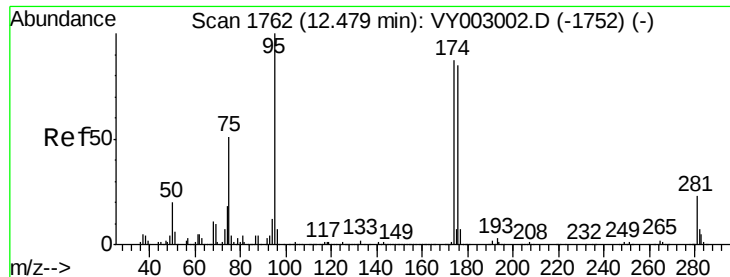
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 1978.9 28.6 42.8#
58 0.0 56.7 85.1#



#50
Toluene-d8
Concen: 51.085 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt Ion: 98 Resp: 321197
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

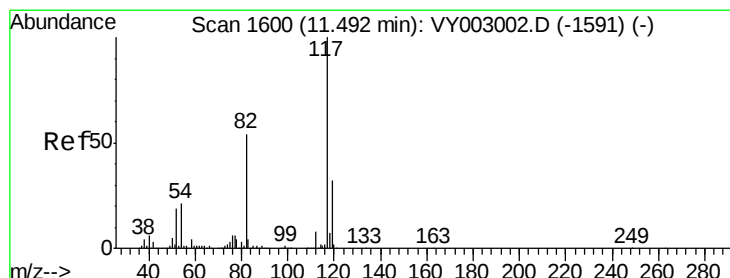
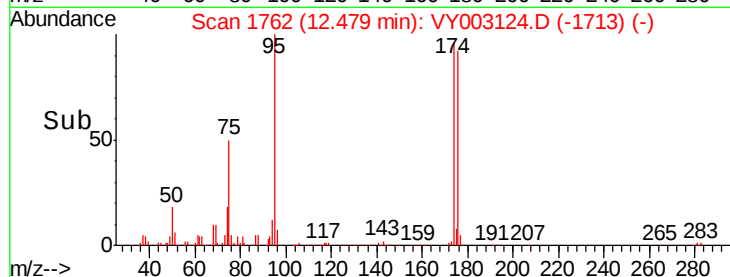
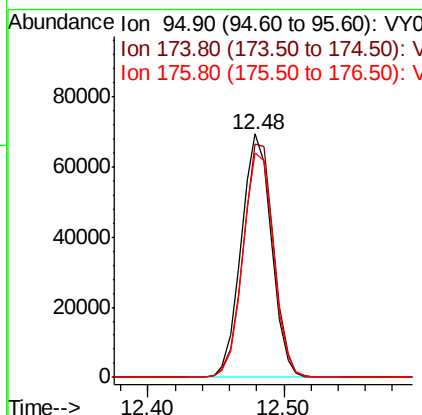
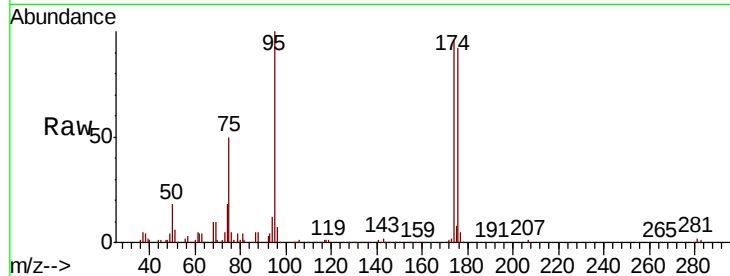




#62
4-Bromofluorobenzene
Concen: 48.858 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

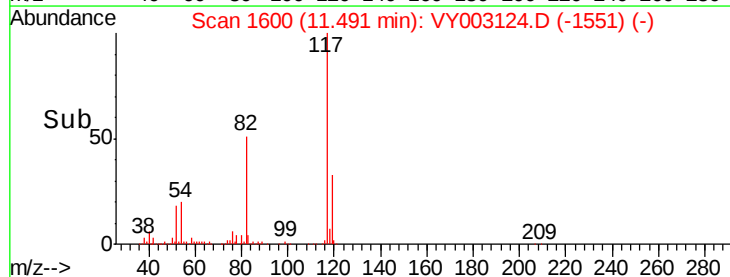
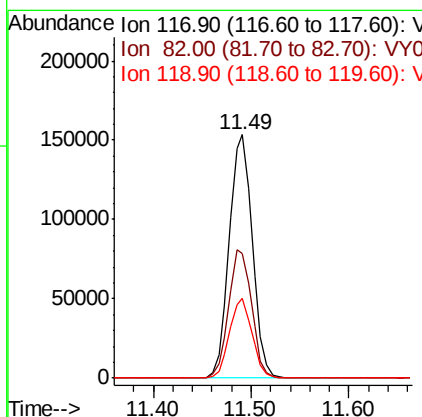
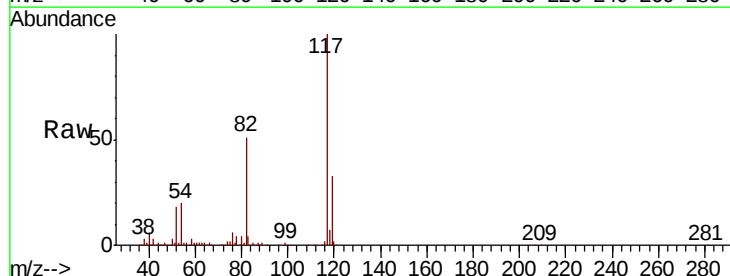
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

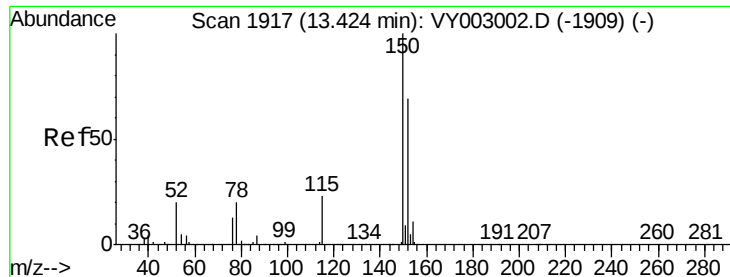
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	184.8
176	93.4	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.0	64.6
119	33.0	25.8	38.8



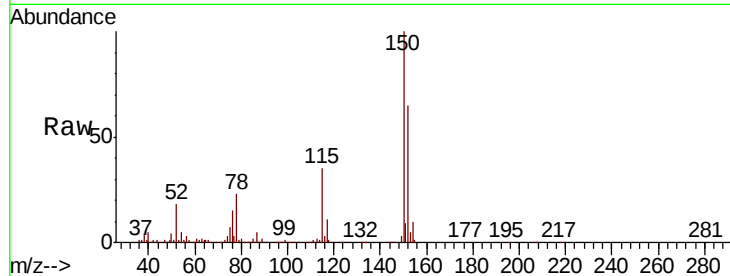


#72

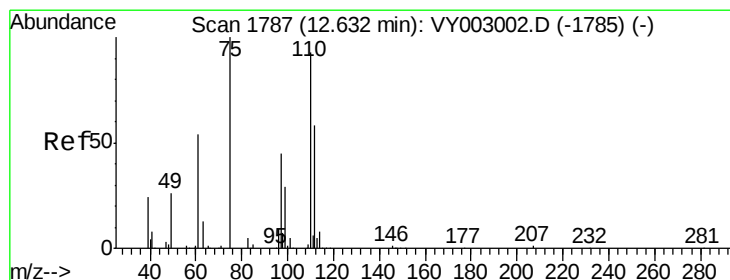
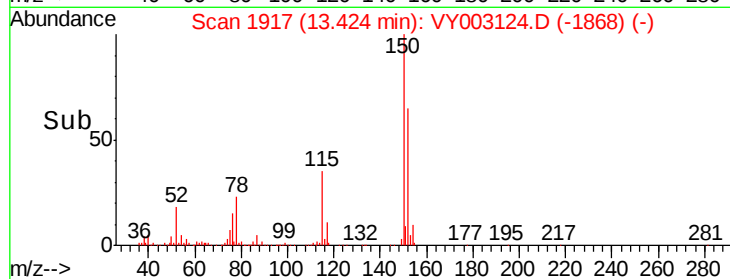
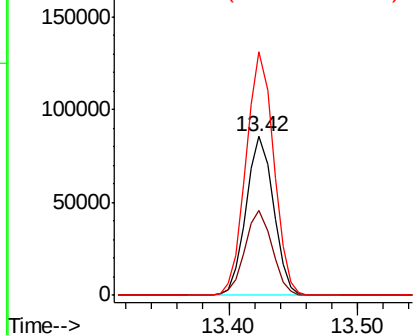
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.3	81.9
150	154.9	0.0	343.4



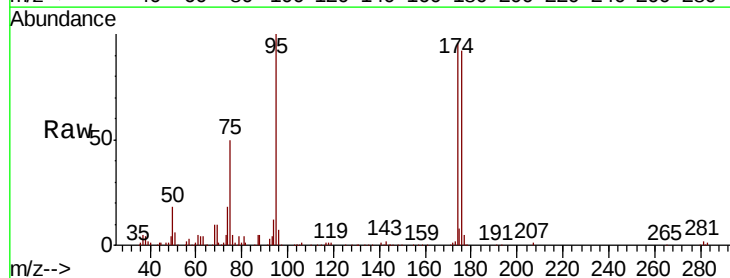
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



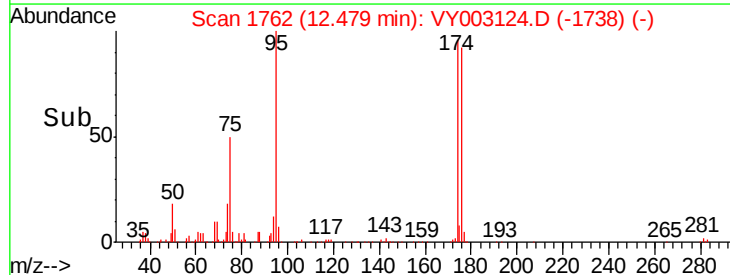
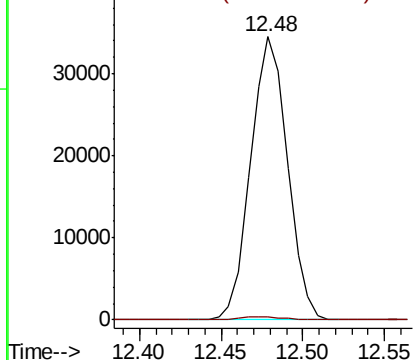
#76

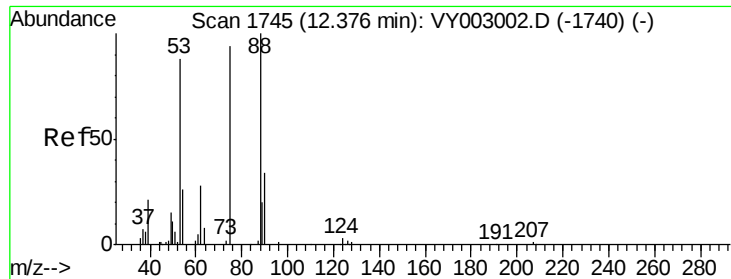
1,2,3-Trichloropropane
Concen: 43.683 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt 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

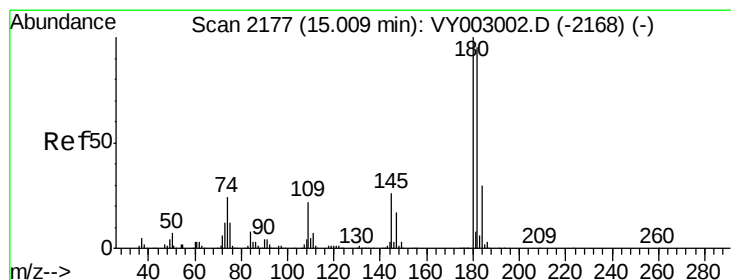
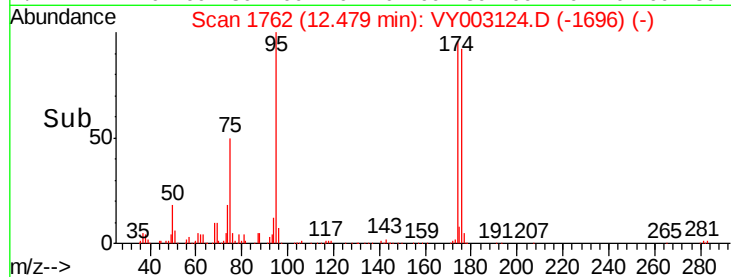
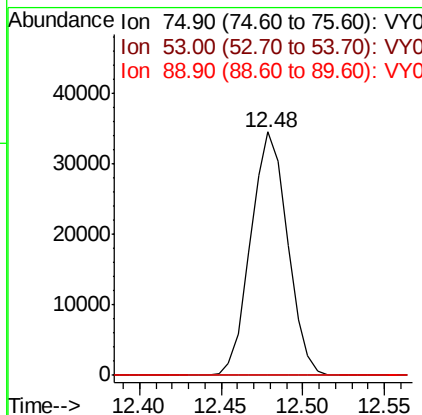
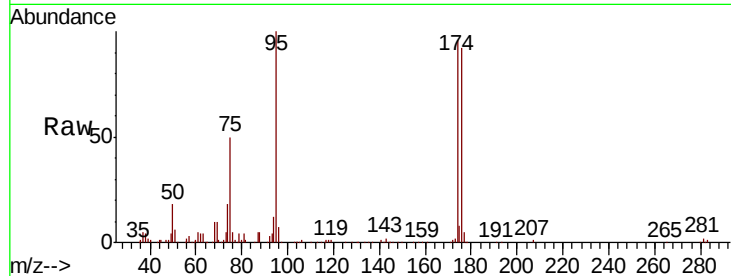




#81
trans-1,4-Dichloro-2-butene
Concen: 84.989 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

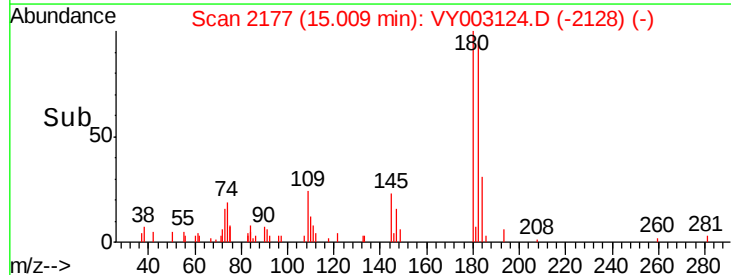
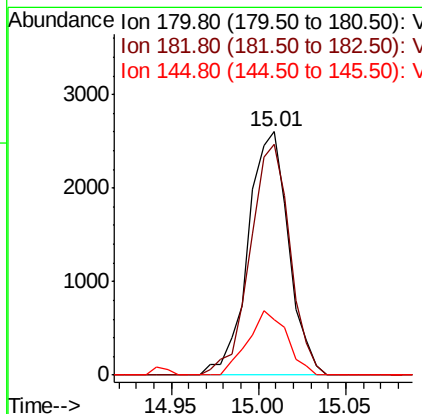
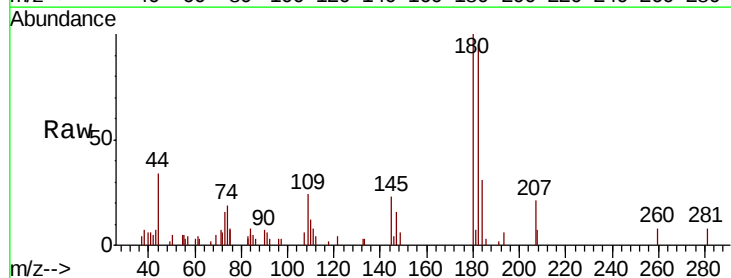
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

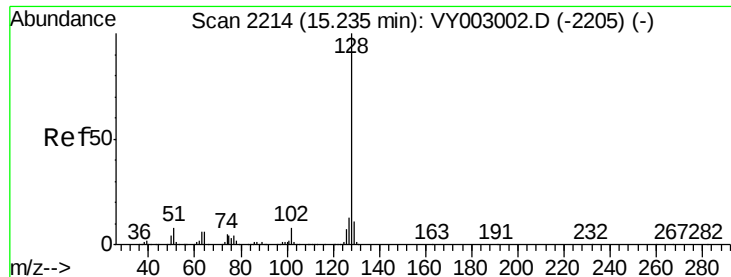
Tot Ion: 75 Resp: 54306
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.5 56.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.595 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt Ion:180 Resp: 4184
Ion Ratio Lower Upper
180 100
182 93.3 48.1 144.3
145 25.6 13.9 41.6

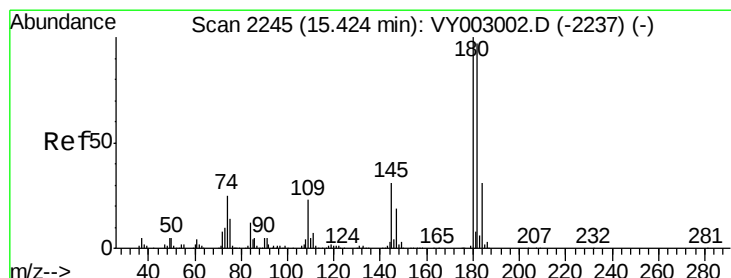
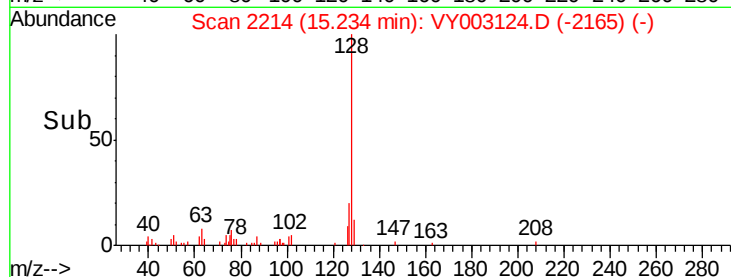
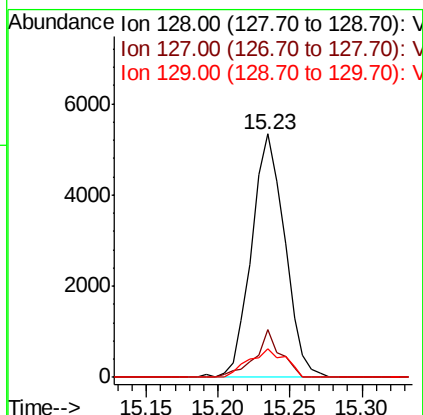
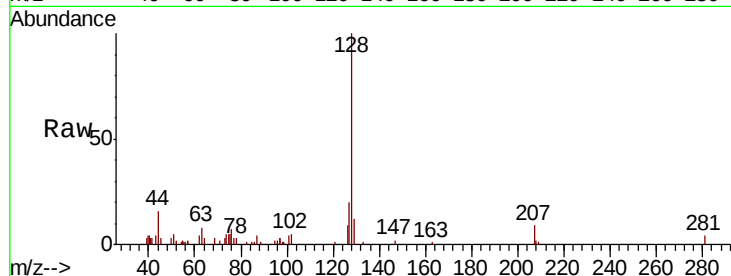




#95
Naphthalene
Concen: 1.781 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:128 Resp: 8535
Ion Ratio Lower Upper
128 100
127 14.8 10.8 16.2
129 12.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.819 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003124.D
Acq: 07 Jul 2020 14:15

Tgt Ion:180 Resp: 4143
Ion Ratio Lower Upper
180 100
182 87.4 47.8 143.3
145 31.7 14.7 44.1

