

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059551.D
 Acq On : 19 Jul 2018 10:40
 Operator : VA/AP
 Sample : J4036-01
 Misc : 11.06g/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-01-0-2

Quant Time: Jul 19 14:41:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	203976	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	298665	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	291648	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	181114	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	174436	54.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	4.27	113	138908	53.70	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.40%	
50) Toluene-d8	7.69	98	276438	42.43	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.86%	
62) 4-Bromofluorobenzene	11.50	95	160339	46.91	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.82%	

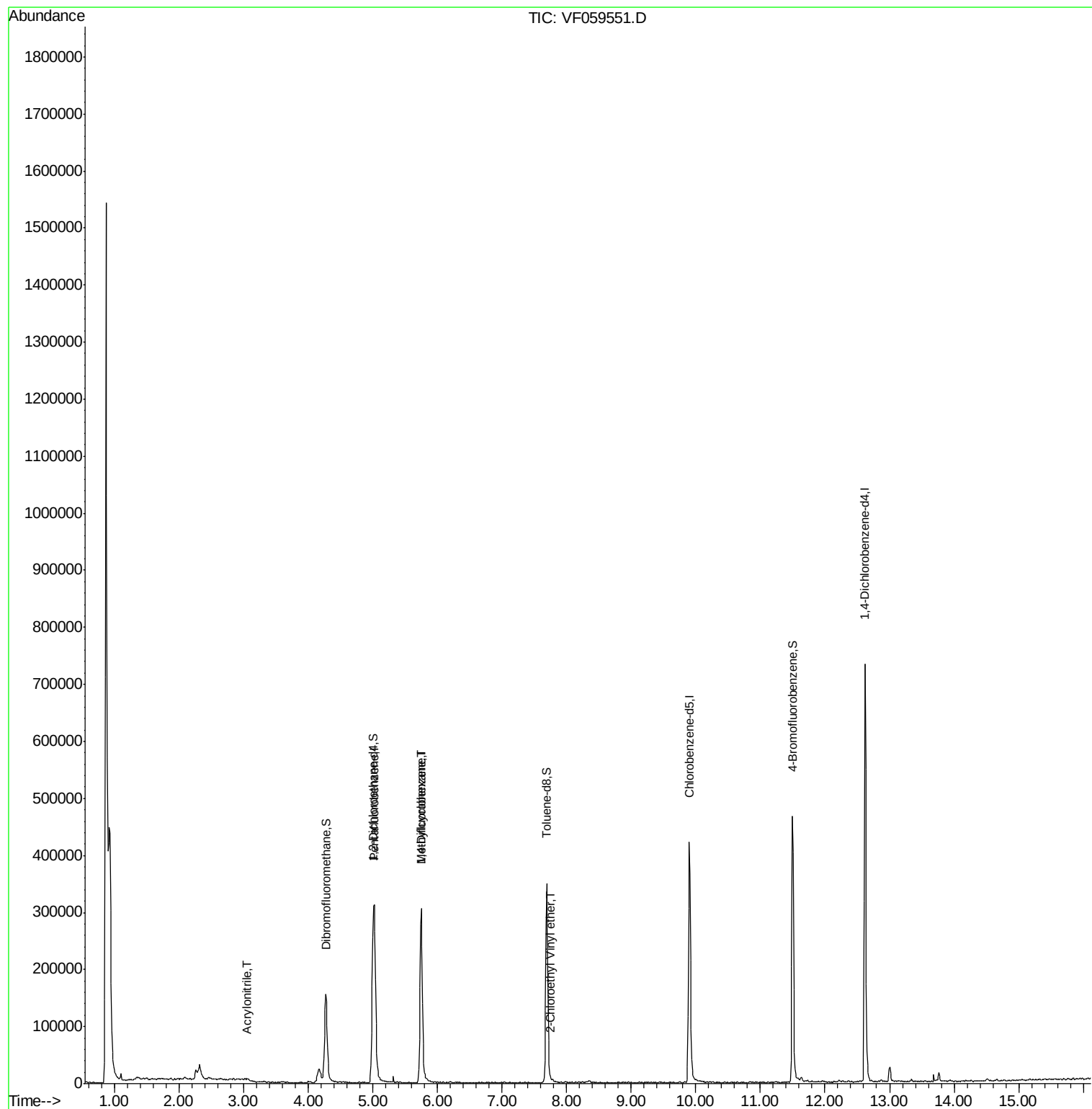
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.66	59	429	Below Cal	#	74
13) Acrolein	1.95	56	68	Below Cal		84
15) Acrylonitrile	3.05	53	401	1.51	ug/l #	21
16) Acetone	2.25	43	1208	Below Cal		96
18) Methyl Acetate	2.45	43	1609	Below Cal	#	67
20) Methylene Chloride	2.31	84	3870	Below Cal	#	87
29) Tetrahydrofuran	4.23	42	180	Below Cal	#	70
37) Ethyl Acetate	4.29	43	280	Below Cal	#	41
39) Methylcyclohexane	5.74	83	4533	2.00	ug/l #	36
49) 1,4-Dioxane	6.70	88	65	Below Cal	#	15
58) 2-Chloroethyl Vinyl ether	7.76	63	227	1.27	ug/l	100

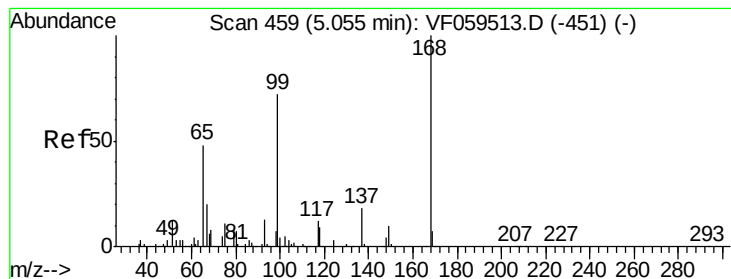
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.03 min

Lab File: VF059551.D

Acq: 19 Jul 2018 10:40

Instrument :

MSVOA_F

ClientSampleId :

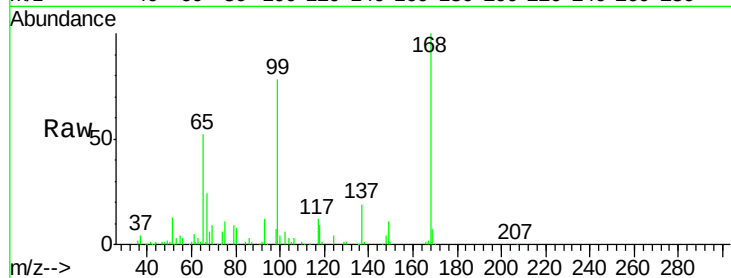
CON-SB-01-0-2

Tot Ion:168 Resp: 203976

Ion Ratio Lower Upper

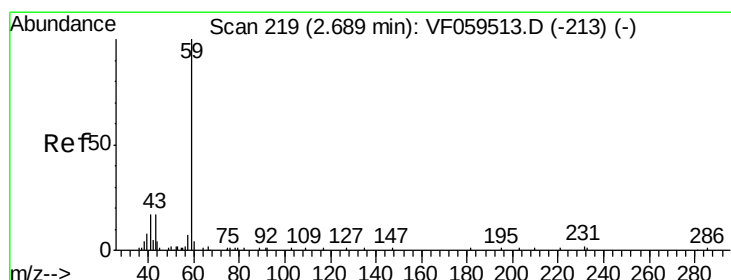
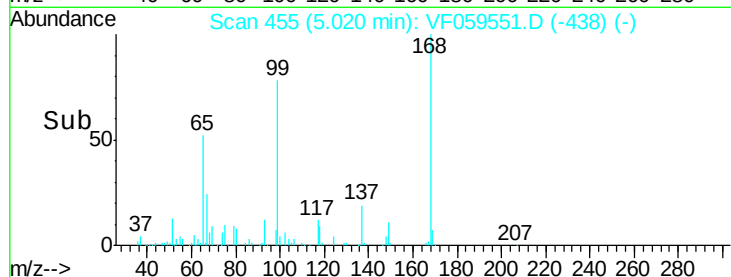
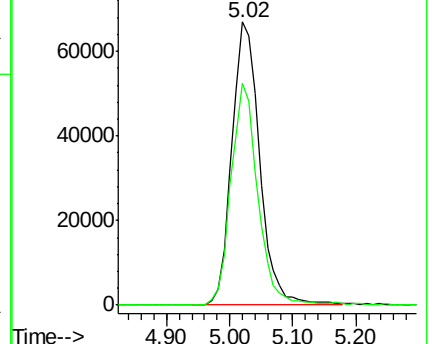
168 100

99 78.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.66 min Scan# 216

Delta R.T. -0.02 min

Lab File: VF059551.D

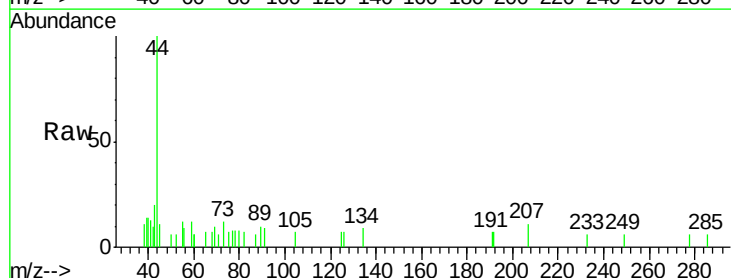
Acq: 19 Jul 2018 10:40

Tgt Ion: 59 Resp: 429

Ion Ratio Lower Upper

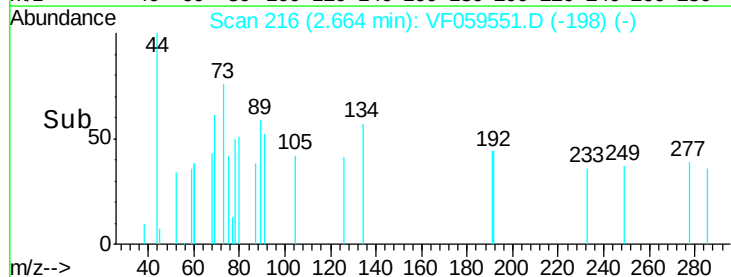
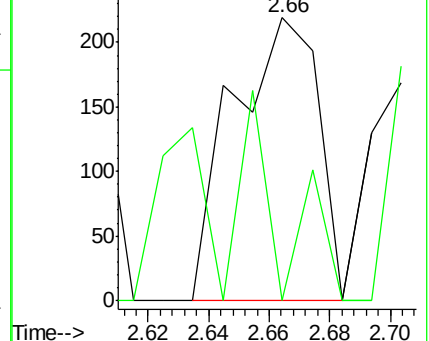
59 100

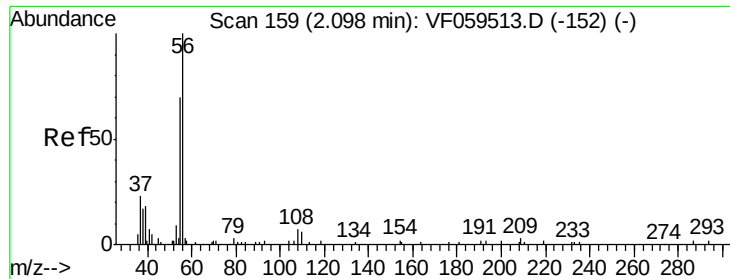
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

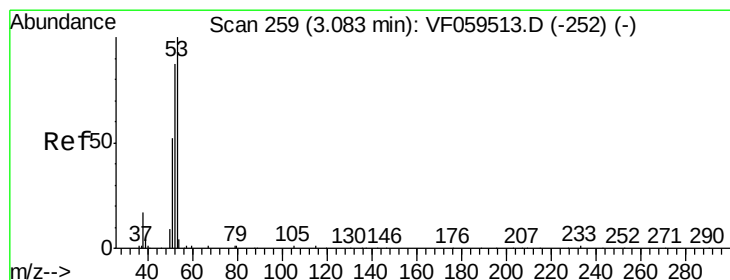
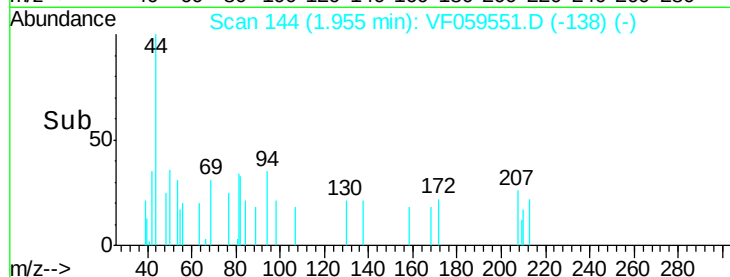
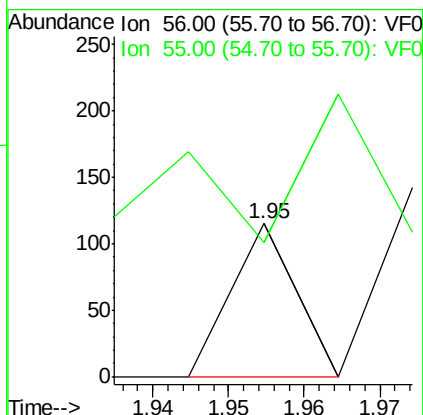
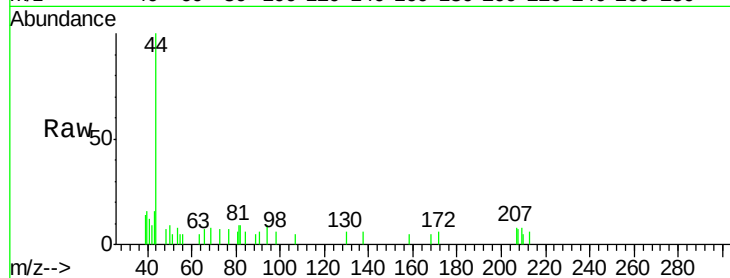




#13
Acrolein
Concen: Below Cal
RT: 1.95 min Scan# 144
Delta R.T. -0.14 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

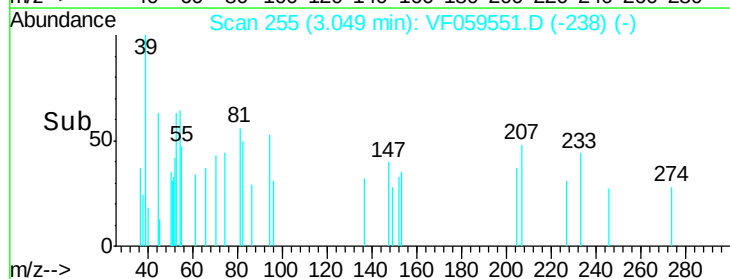
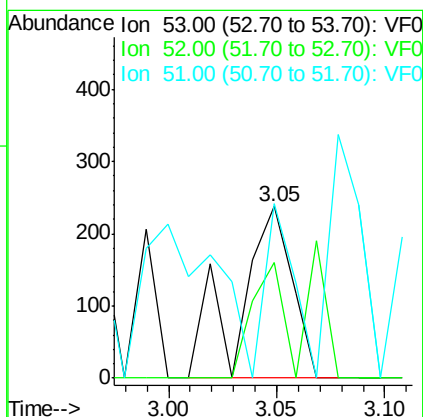
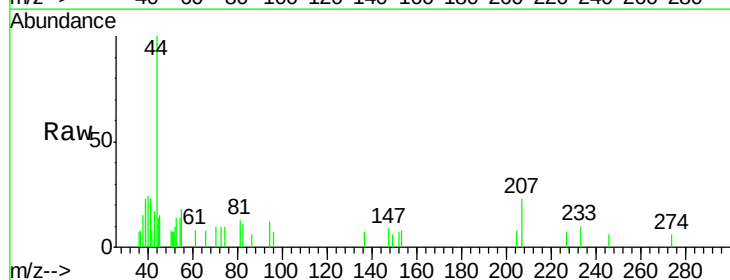
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ClientSampleId :
CON-SB-01-0-2

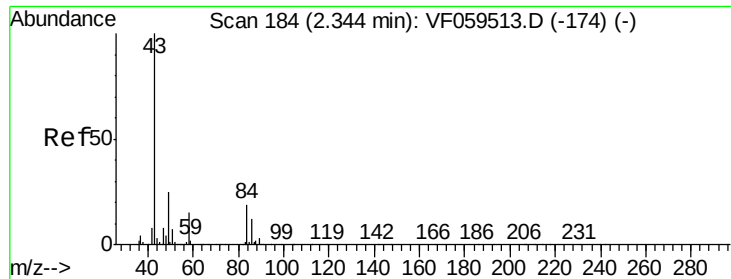
Tot Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 87.8 59.4 89.2



#15
Acrylonitrile
Concen: 1.51 ug/l
RT: 3.05 min Scan# 255
Delta R.T. -0.03 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

Tgt Ion: 53 Resp: 401
Ion Ratio Lower Upper
53 100
52 167.2 70.1 105.1#
51 101.3 42.5 63.7#

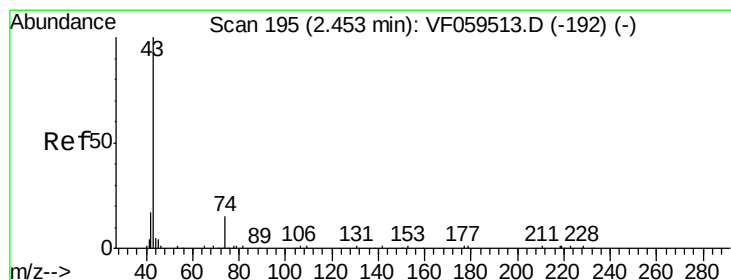
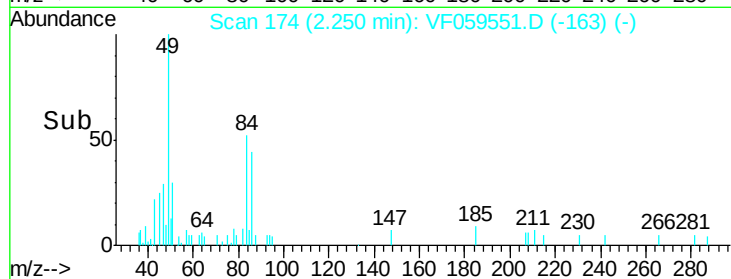
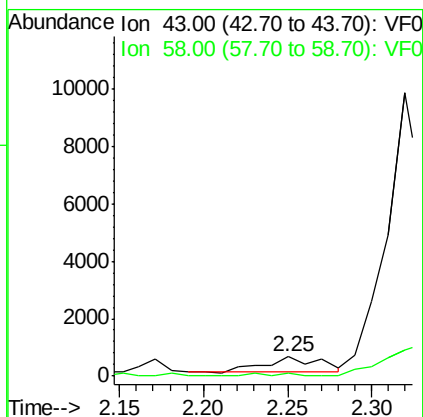
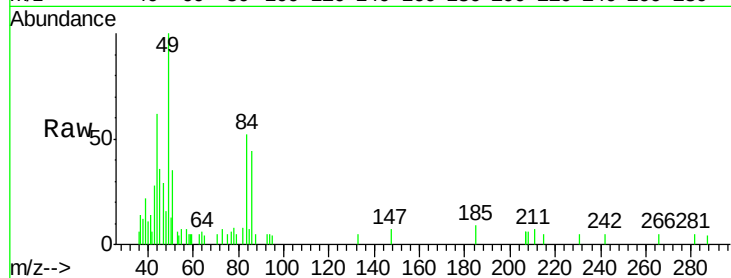




#16
Acetone
Concen: Below Cal
RT: 2.25 min Scan# 174
Delta R.T. -0.09 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

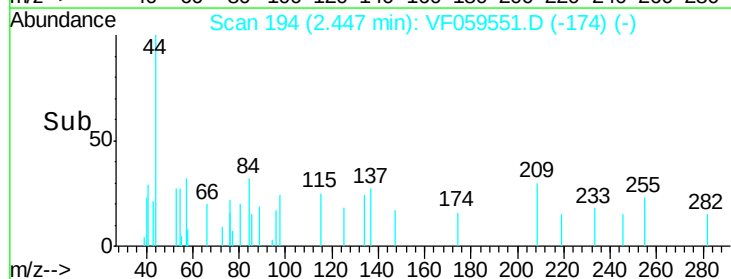
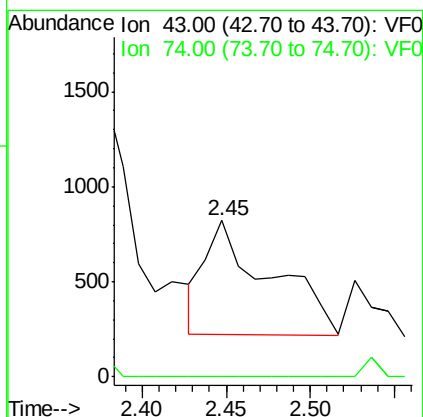
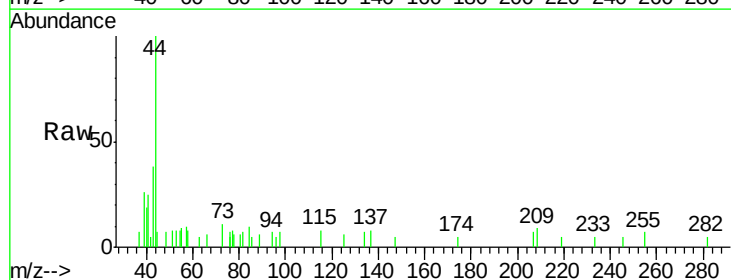
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-01-0-2

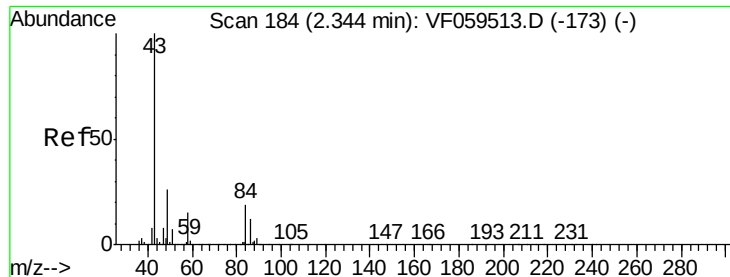
Tot Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 16.3 11.8 17.6



#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
74 0.0 10.6 15.8#

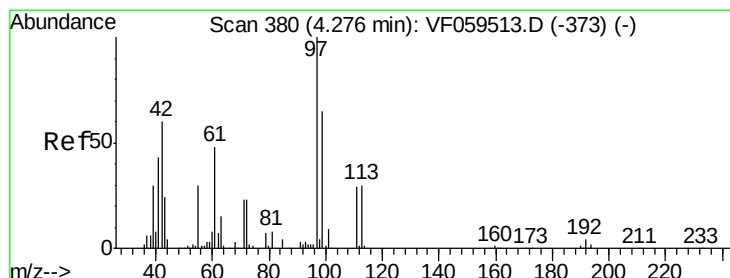
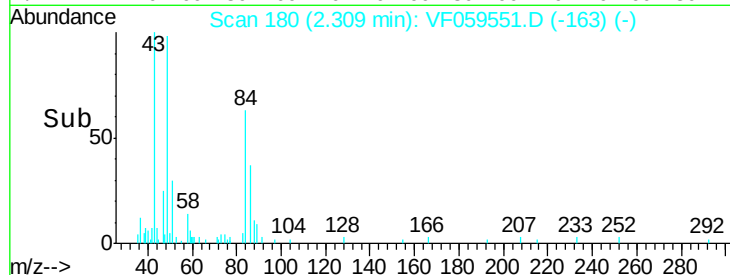
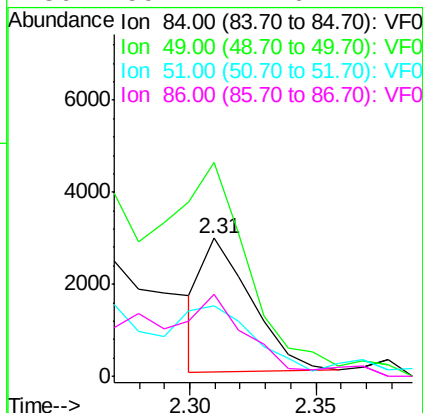
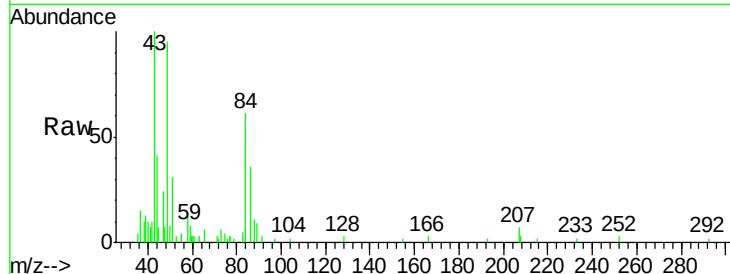




#20
Methylene Chloride
Concen: Below Cal
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

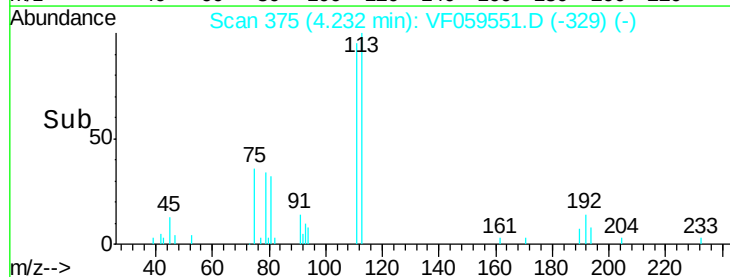
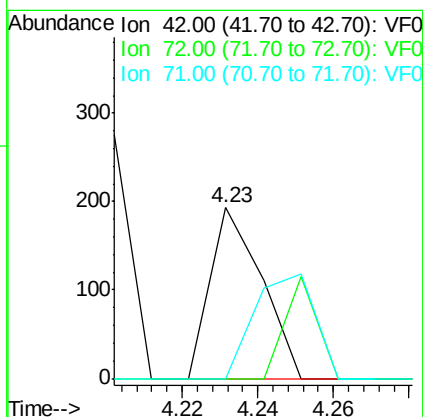
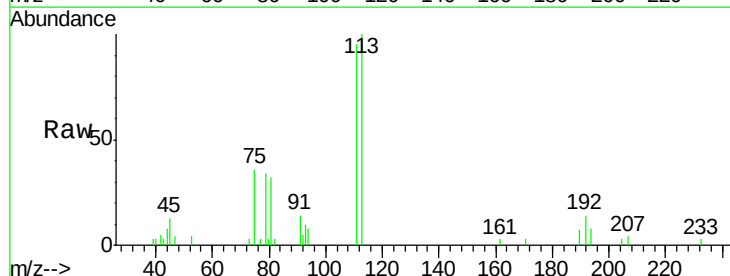
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-01-0-2

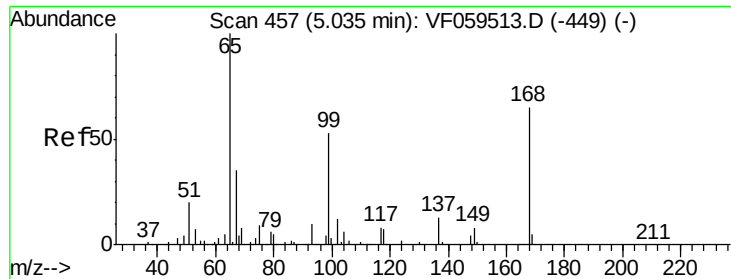
Tot Ion: 84 Resp: 3870
Ion Ratio Lower Upper
84 100
49 155.1 109.4 164.2
51 51.3 30.5 45.7#
86 59.4 47.6 71.4



#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.23 min Scan# 375
Delta R.T. -0.04 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
72 37.8 28.7 43.1
71 72.2 30.8 46.2#

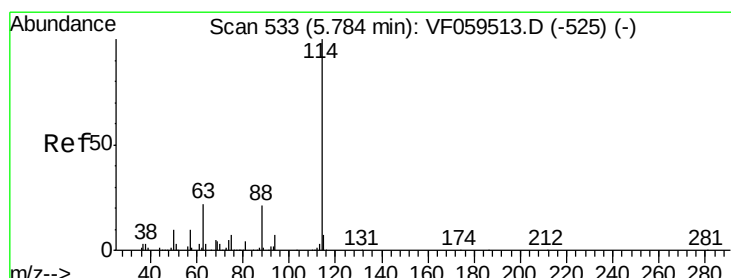
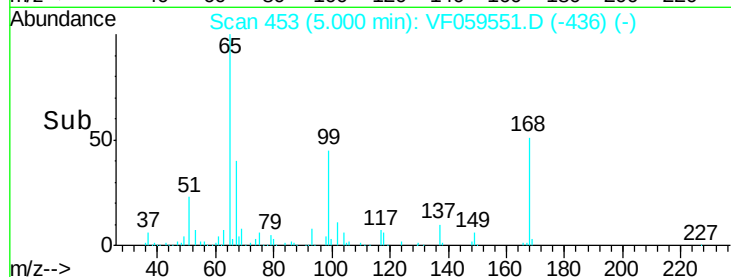
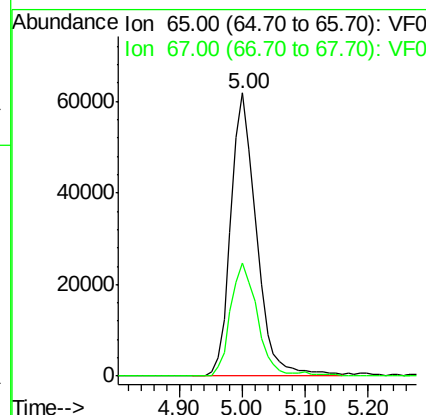
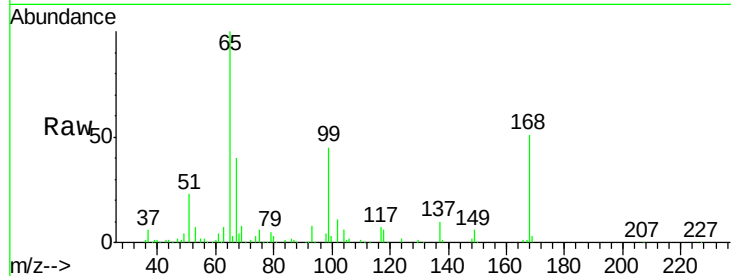




#33
 1,2-Dichloroethane-d4
 Concen: 54.99 ug/l
 RT: 5.00 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: VF059551.D
 Acq: 19 Jul 2018 10:40

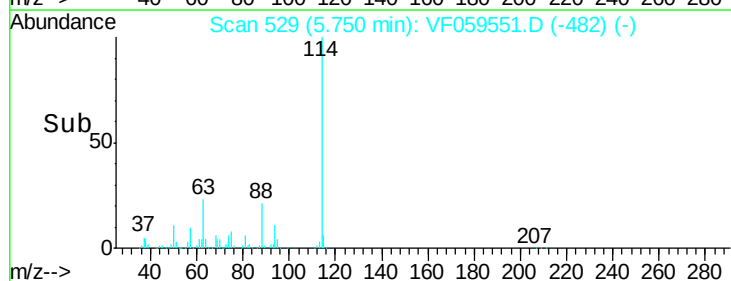
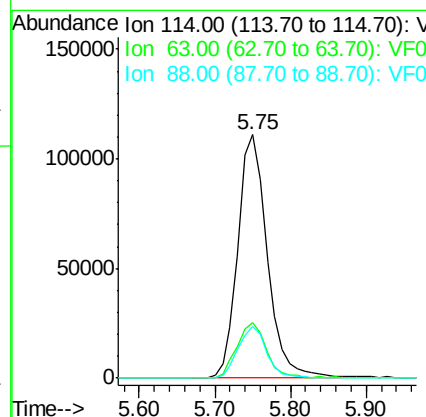
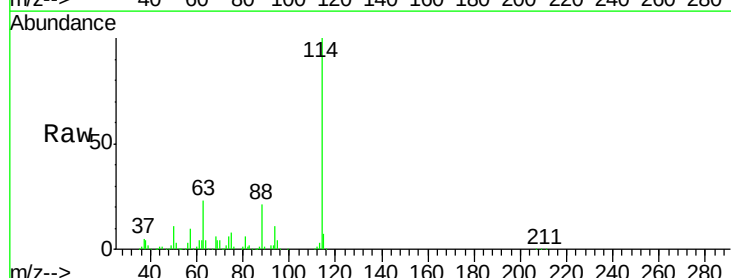
Instrument :
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 ClientSampleId :
 CON-SB-01-0-2

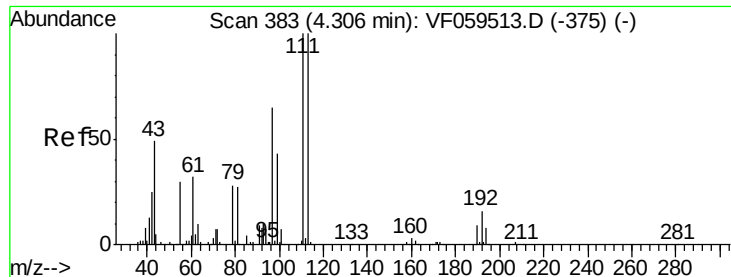
Tot Ion: 65 Resp: 174436
 Ion Ratio Lower Upper
 65 100
 67 40.1 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF059551.D
 Acq: 19 Jul 2018 10:40

Tgt Ion: 114 Resp: 298665
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.8
 88 21.0 0.0 42.6

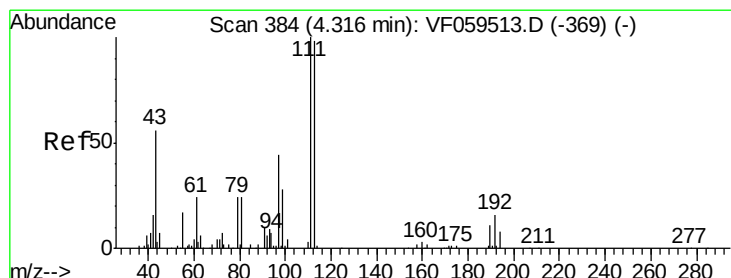
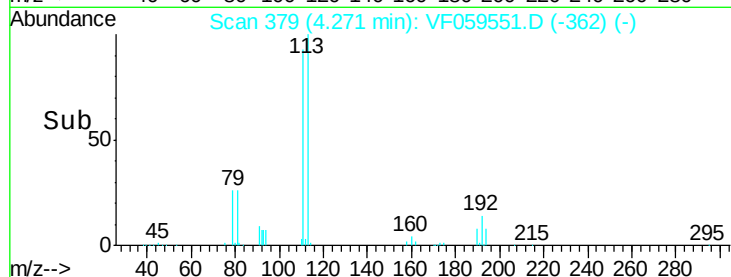
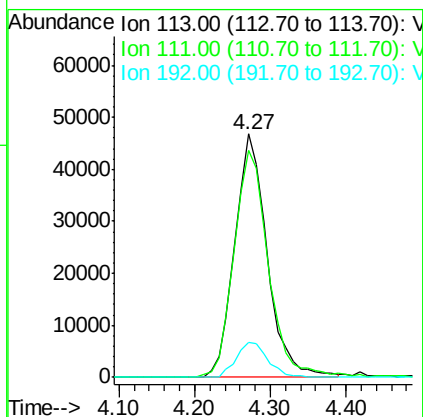
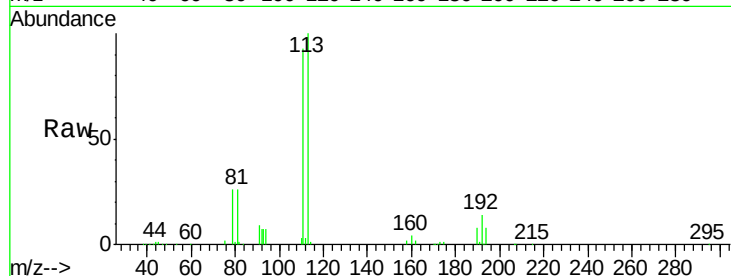




#35
 Dibromofluoromethane
 Concen: 53.70 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF059551.D
 Acq: 19 Jul 2018 10:40

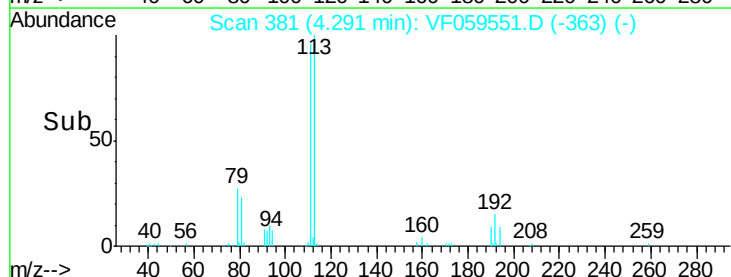
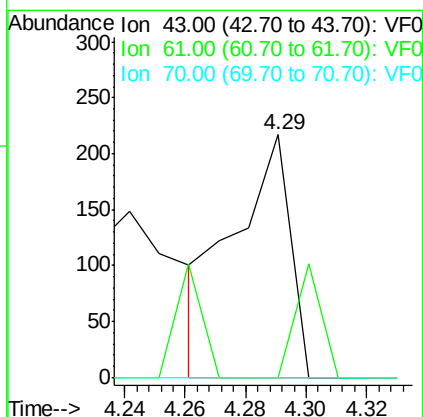
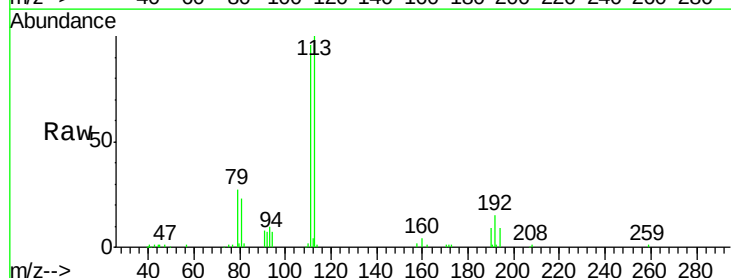
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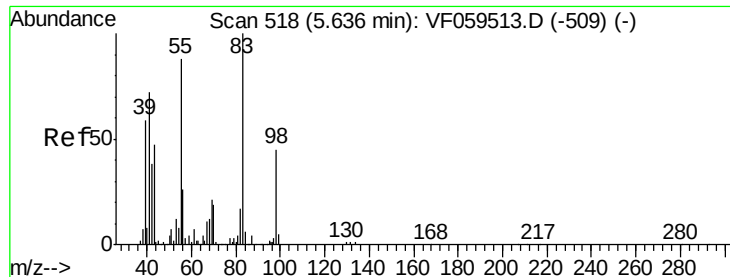
Tot Ion:113 Resp: 138908
 Ion Ratio Lower Upper
 113 100
 111 93.4 80.3 120.5
 192 14.4 13.1 19.7



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059551.D
 Acq: 19 Jul 2018 10:40

Tgt Ion: 43 Resp: 280
 Ion Ratio Lower Upper
 43 100
 61 0.0 33.7 50.5#
 70 0.0 7.4 11.0#

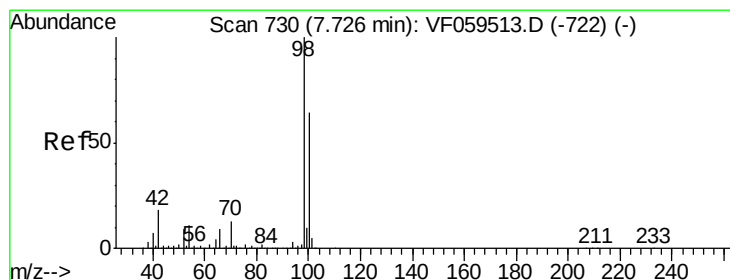
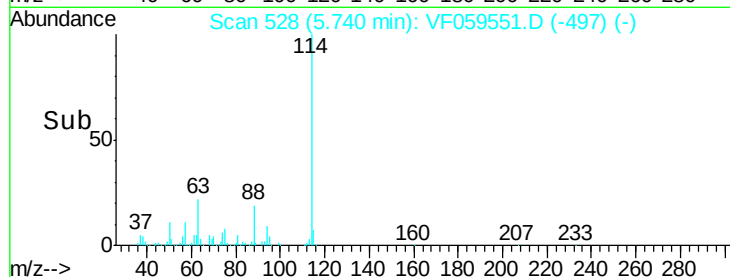
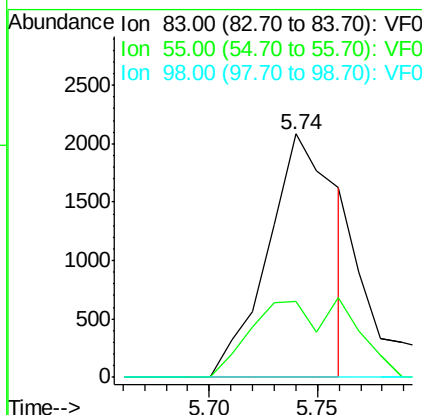
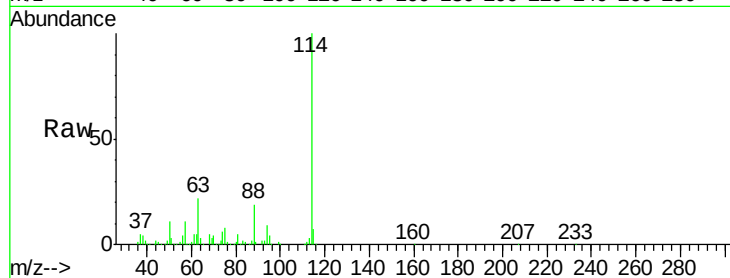




#39
Methylvlcyclohexane
Concen: 2.00 ug/l
RT: 5.74 min Scan# 528
Delta R.T. 0.10 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

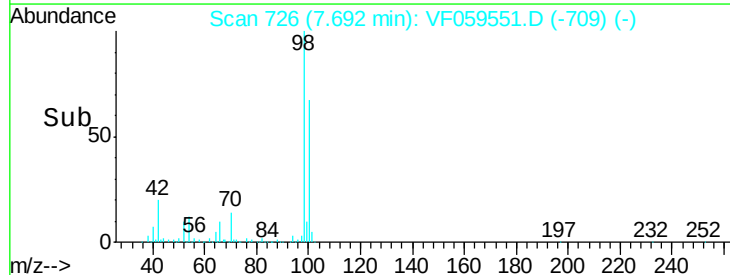
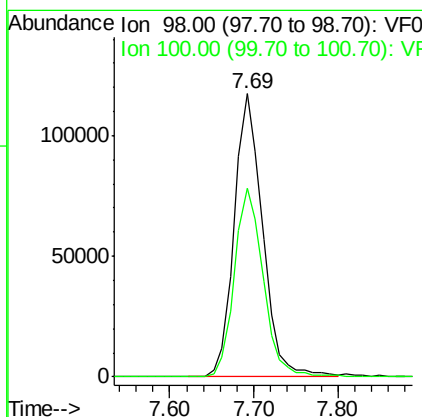
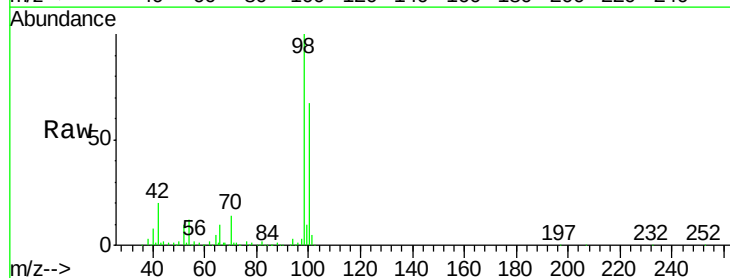
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ClientSampleId :
CON-SB-01-0-2

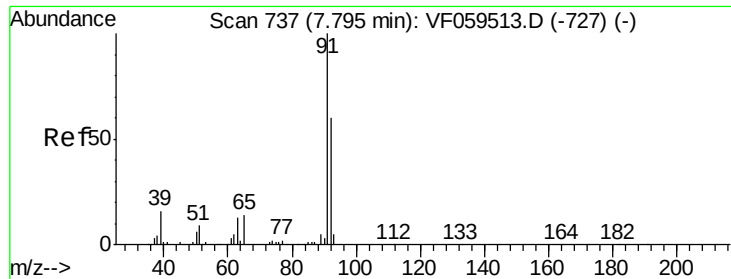
Tot Ion: 83 Resp: 4533
Ion Ratio Lower Upper
83 100
55 31.1 70.2 105.4#
98 0.0 36.2 54.2#



#50
Toluene-d8
Concen: 42.43 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.03 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

Tgt Ion: 98 Resp: 276438
Ion Ratio Lower Upper
98 100
100 66.9 50.9 76.3

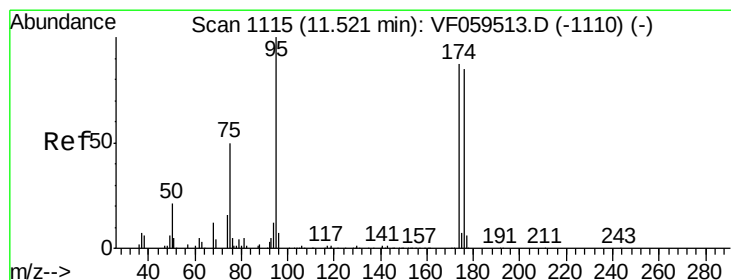
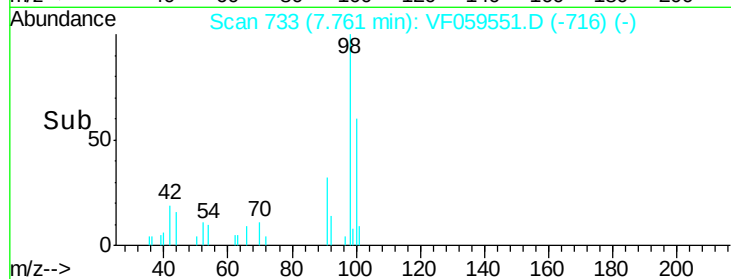
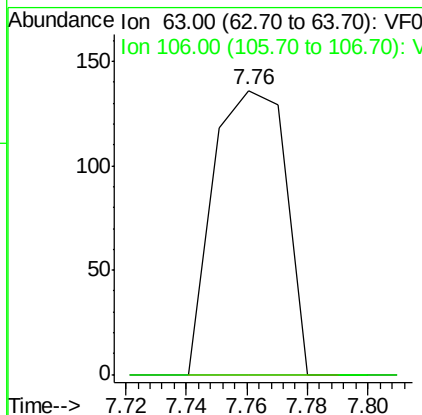
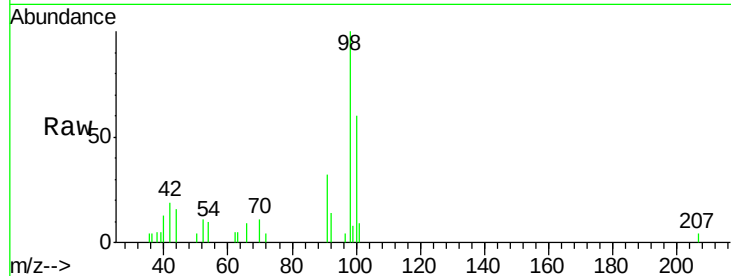




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.27 ug/l
 RT: 7.76 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: VF059551.D
 Acq: 19 Jul 2018 10:40

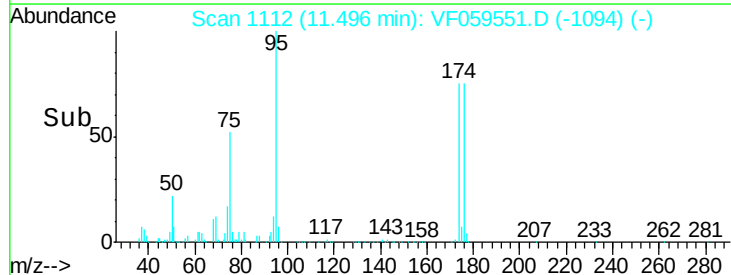
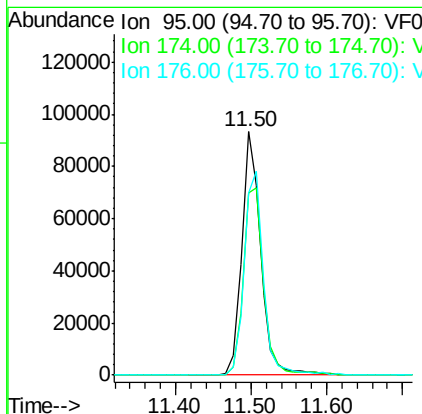
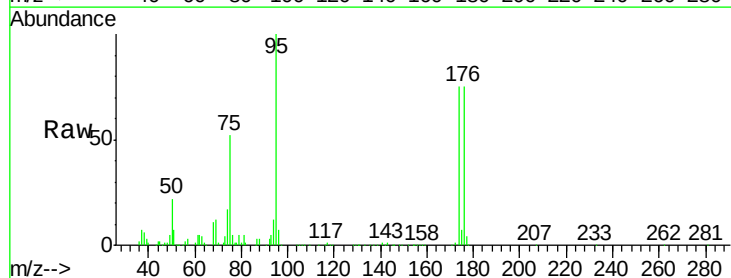
Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-01-0-2

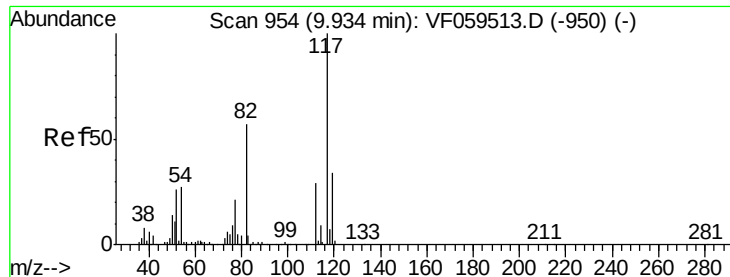
Tot Ion: 63 Resp: 227
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 46.91 ug/l
 RT: 11.50 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: VF059551.D
 Acq: 19 Jul 2018 10:40

Tgt Ion: 95 Resp: 160339
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 174.4
 176 74.8 0.0 169.4

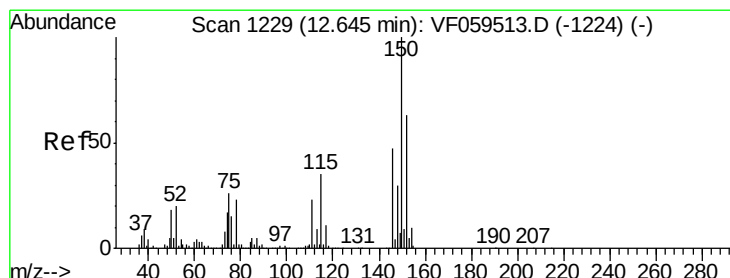
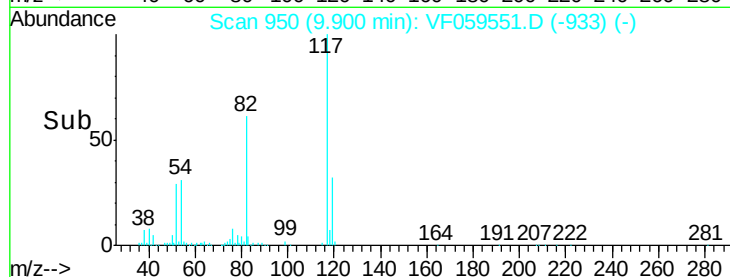
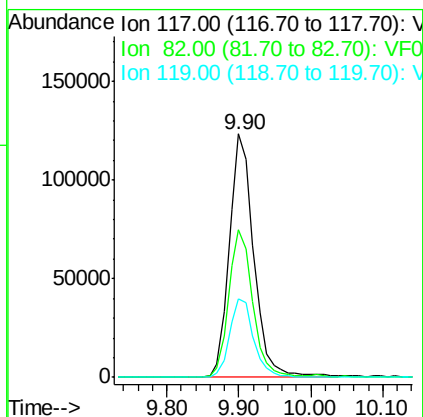
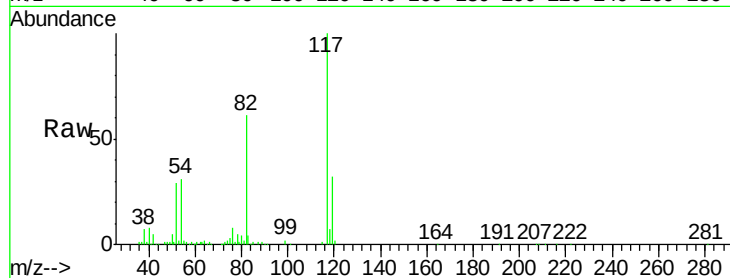




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.03 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-01-0-2

Tot Ion:117 Resp: 291648
Ion Ratio Lower Upper
117 100
82 60.9 46.1 69.1
119 32.2 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.02 min
Lab File: VF059551.D
Acq: 19 Jul 2018 10:40

Tgt Ion:152 Resp: 181114
Ion Ratio Lower Upper
152 100
115 63.6 27.8 83.3
150 155.9 0.0 318.4

