

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062754.D
 Acq On : 28 May 2019 12:01
 Operator : FY/SY
 Sample : VF0528SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0528SBL01

Quant Time: May 29 01:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	844927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1458848	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1145890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	535991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	278818	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	4.32	113	549812	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	7.73	98	1295471	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.50	95	499319	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	

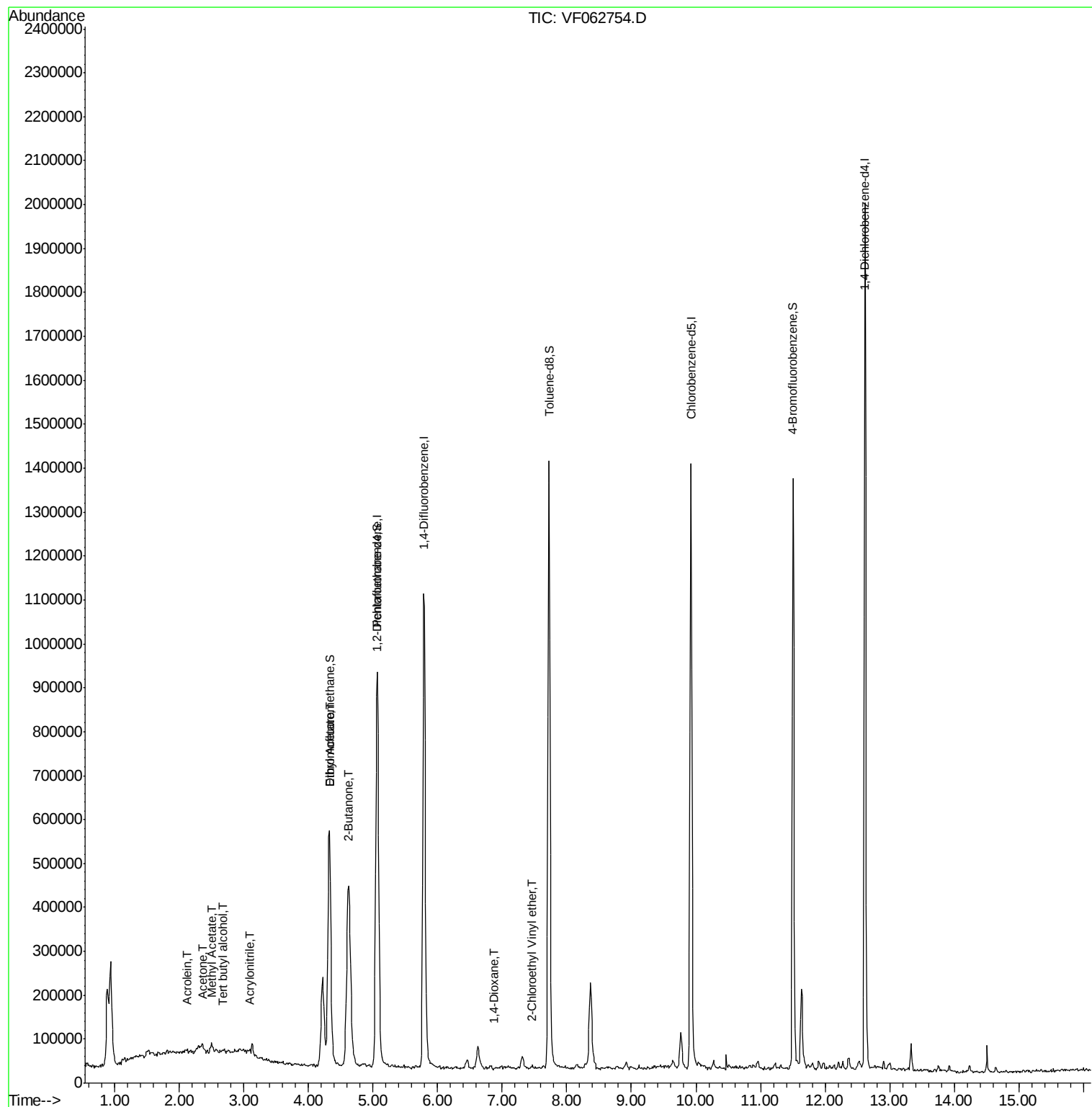
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.66	59	1276	3.237	ug/l #	1
13) Acrolein	2.11	56	1829	4.445	ug/l #	58
15) Acrylonitrile	3.10	53	4308	3.874	ug/l #	78
16) Acetone	2.37	43	10453	6.748	ug/l	96
18) Methyl Acetate	2.50	43	8874	3.646	ug/l #	59
25) 2-Butanone	4.62	43	18318	5.535	ug/l #	18
37) Ethyl Acetate	4.32	43	6570	1.076	ug/l #	27
49) 1,4-Dioxane	6.88	88	108	2.040	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.45	63	2700	1.101	ug/l	99
59) 2-Hexanone	9.64	43	13353	Below Cal		64
74) N-amyl acetate	11.45	43	6645	Below Cal	#	74

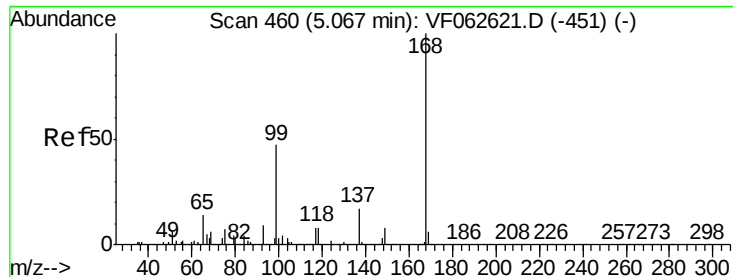
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052819\
Data File : VF062754.D
Acq On : 28 May 2019 12:01
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Sample : VF0528SBL01
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Quant Time: May 29 01:44:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062754.D

Acq: 28 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

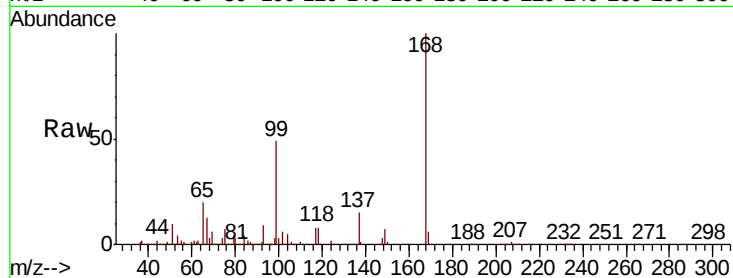
VF0528SBL01

Tot Ion:168 Resp: 844927

Ion Ratio Lower Upper

168 100

99 49.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

300000

250000

200000

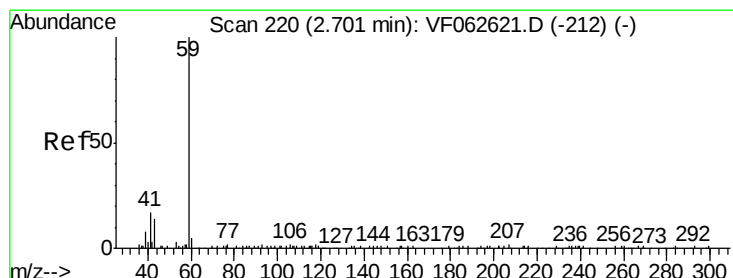
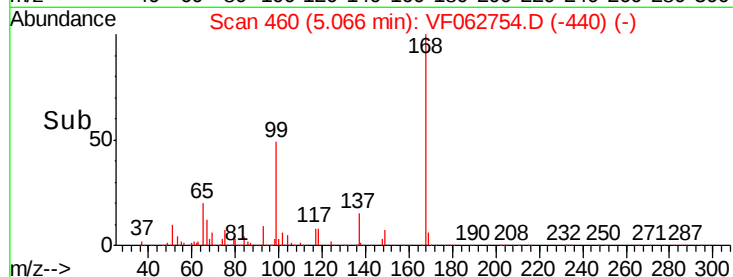
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.237 ug/l

RT: 2.66 min Scan# 216

Delta R.T. -0.04 min

Lab File: VF062754.D

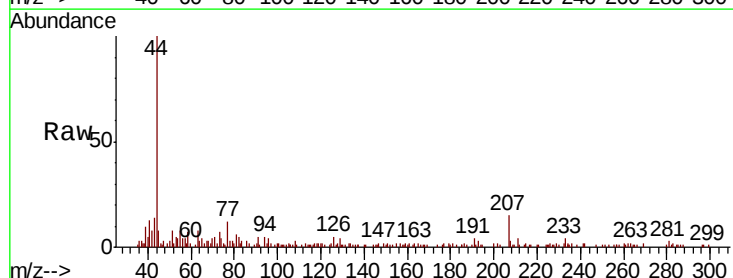
Acq: 28 May 2019 12:01

Tgt Ion: 59 Resp: 1276

Ion Ratio Lower Upper

59 100

57 84.7 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

1000

800

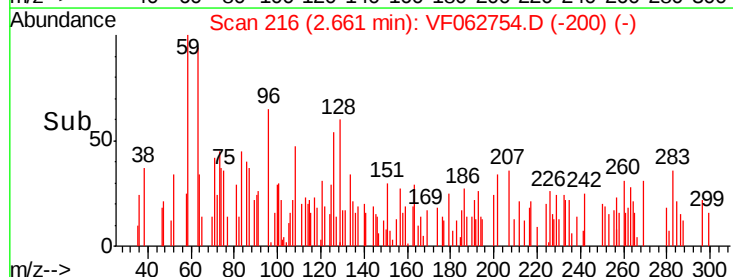
600

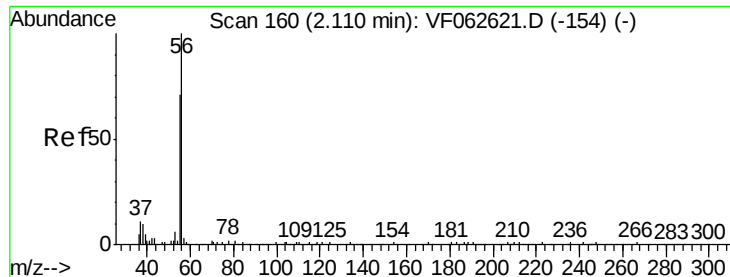
400

200

0

Time-->





#13

Acrolein

Concen: 4.445 ug/l

RT: 2.11 min Scan# 160

Delta R.T. -0.00 min

Lab File: VF062754.D

Acq: 28 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

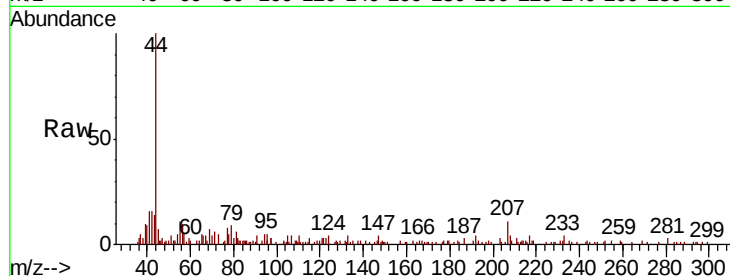
VF0528SBL01

Tot Ion: 56 Resp: 1829

Ion Ratio Lower Upper

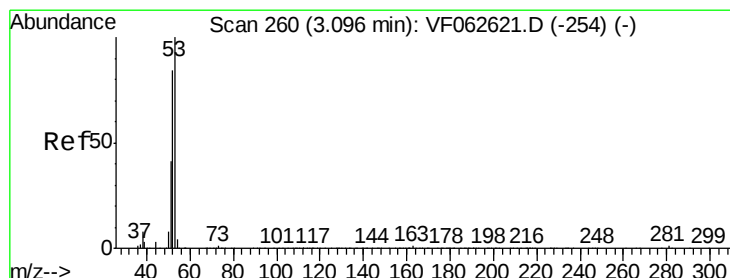
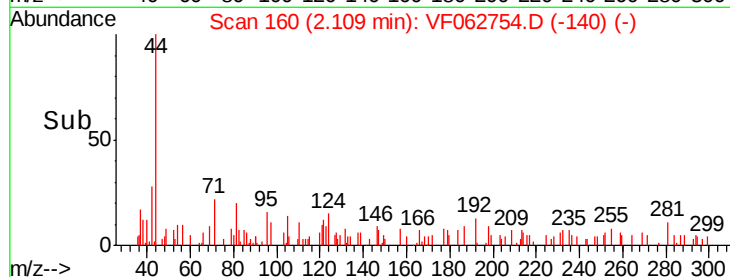
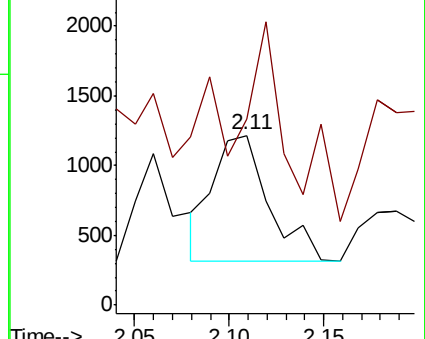
56 100

55 109.4 59.4 89.0#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#15

Acrylonitrile

Concen: 3.874 ug/l

RT: 3.10 min Scan# 260

Delta R.T. -0.00 min

Lab File: VF062754.D

Acq: 28 May 2019 12:01

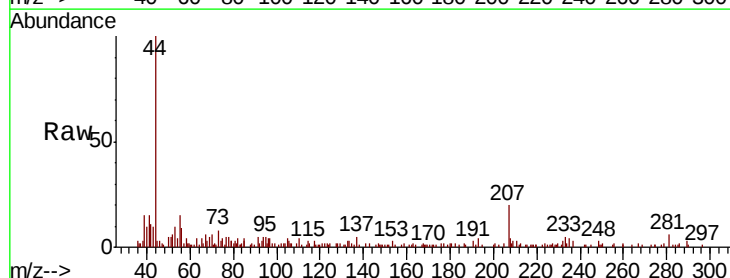
Tgt Ion: 53 Resp: 4308

Ion Ratio Lower Upper

53 100

52 55.9 67.3 100.9#

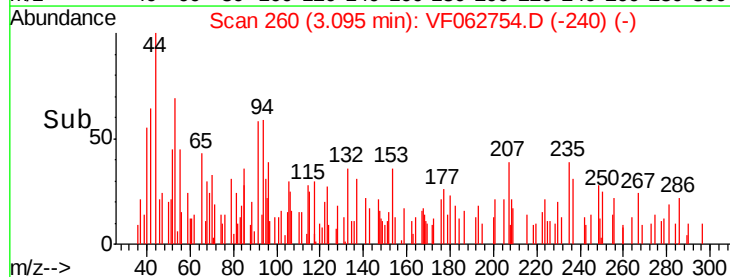
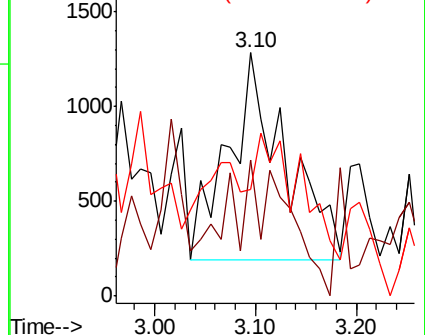
51 44.0 33.0 49.6

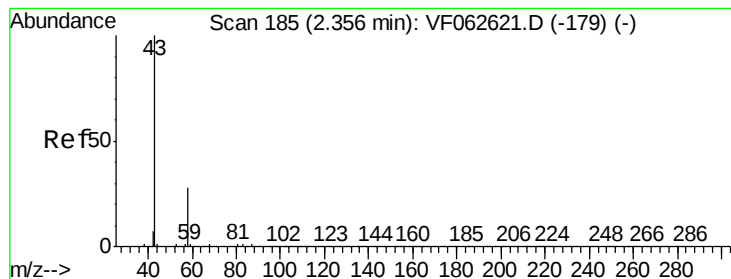


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0





#16

Acetone

Concen: 6.748 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062754.D

Acq: 28 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

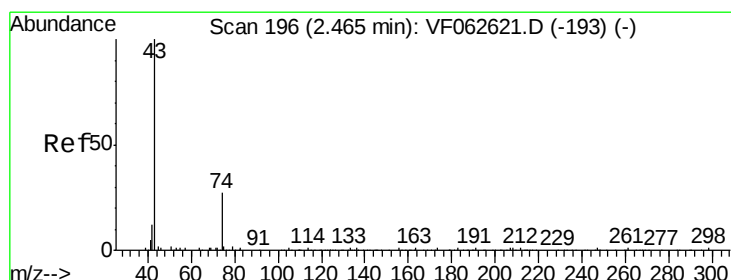
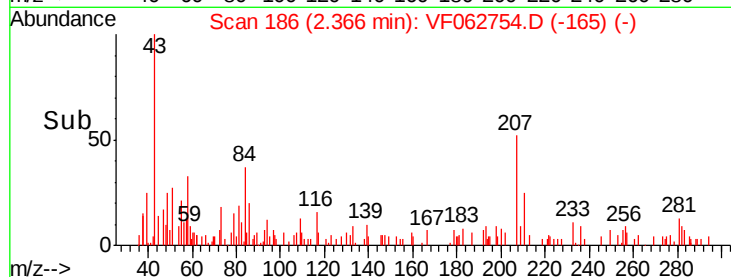
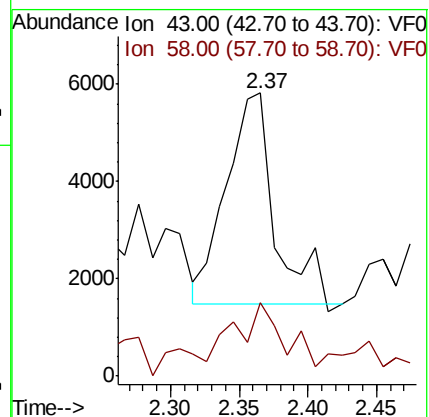
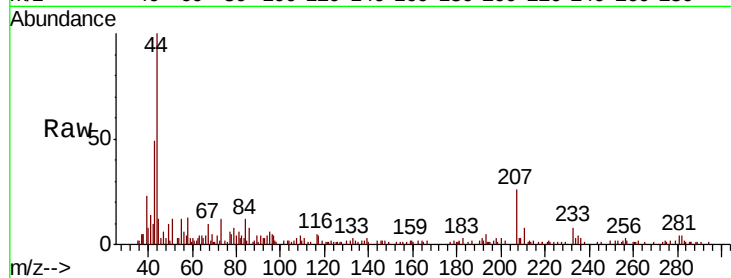
VF0528SBL01

Tot Ion: 43 Resp: 10453

Ion Ratio Lower Upper

43 100

58 25.9 22.6 33.8



#18

Methyl Acetate

Concen: 3.646 ug/l

RT: 2.50 min Scan# 200

Delta R.T. 0.04 min

Lab File: VF062754.D

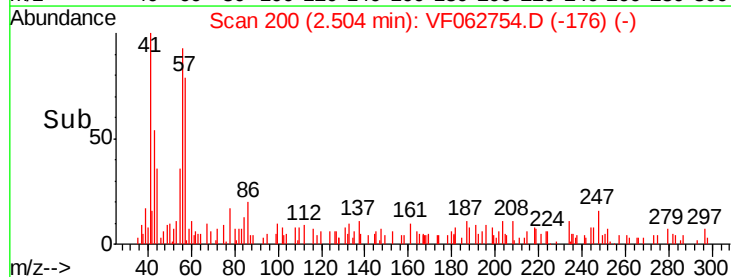
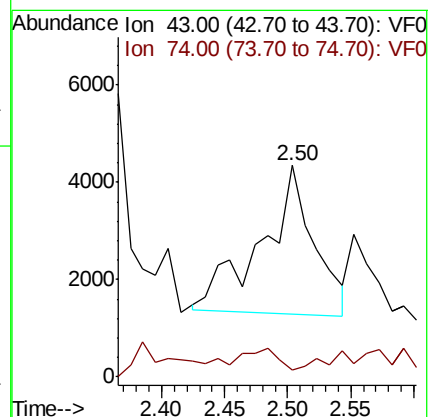
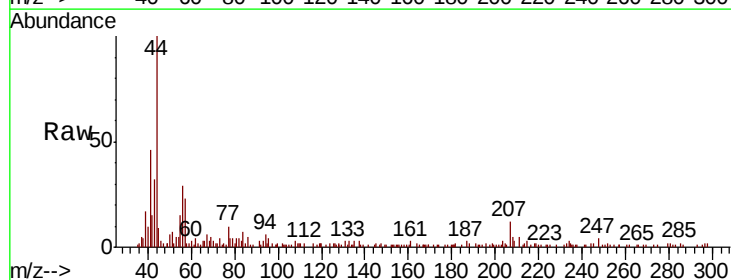
Acq: 28 May 2019 12:01

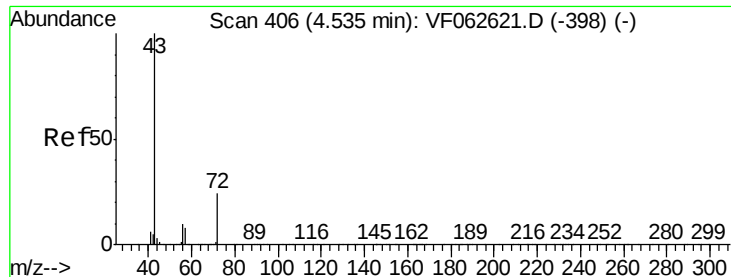
Tgt Ion: 43 Resp: 8874

Ion Ratio Lower Upper

43 100

74 3.5 18.9 28.3#

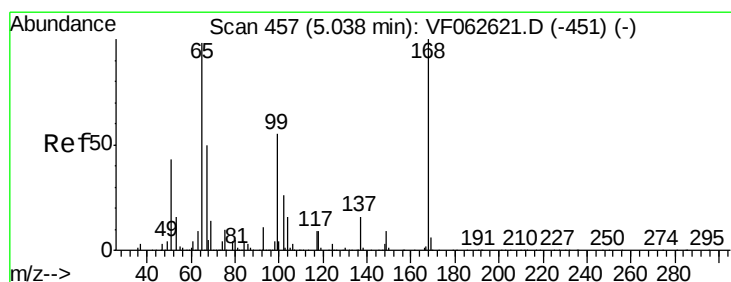
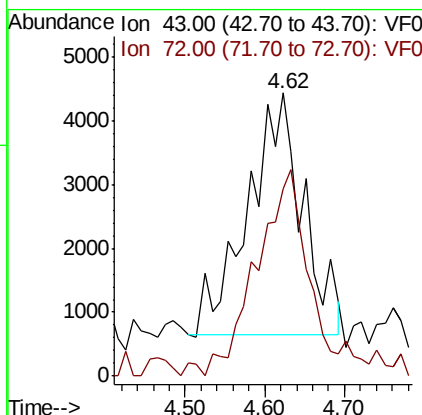
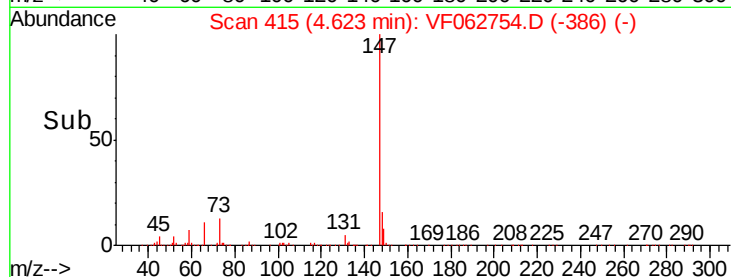
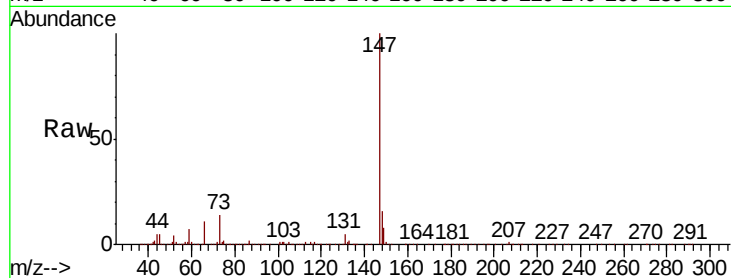




#25
2-Butanone
Concen: 5.535 ug/l
RT: 4.62 min Scan# 415
Delta R.T. 0.09 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

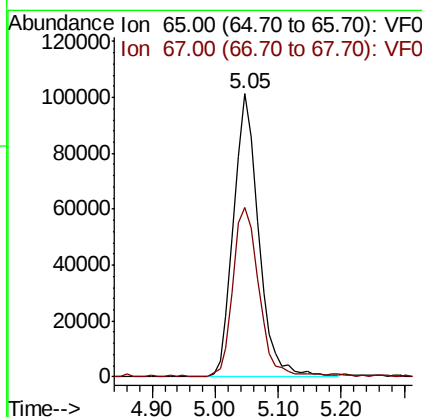
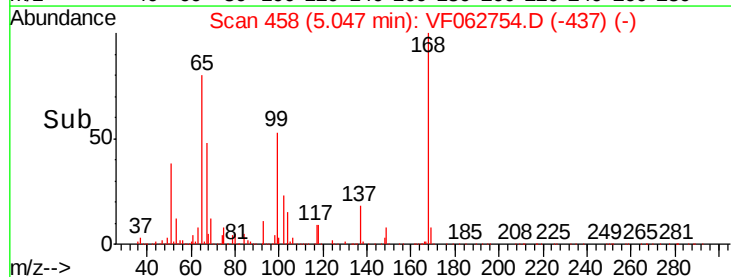
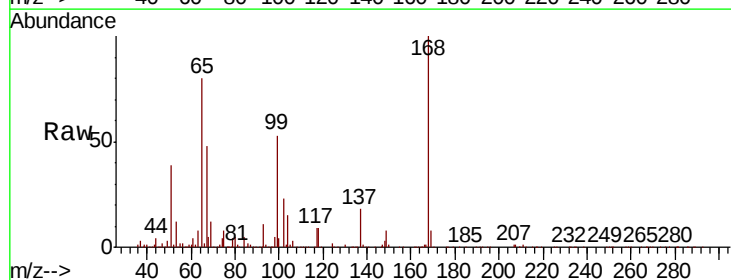
Instrument :
MSVOA_F
ClientSampleId :
VF0528SBL01

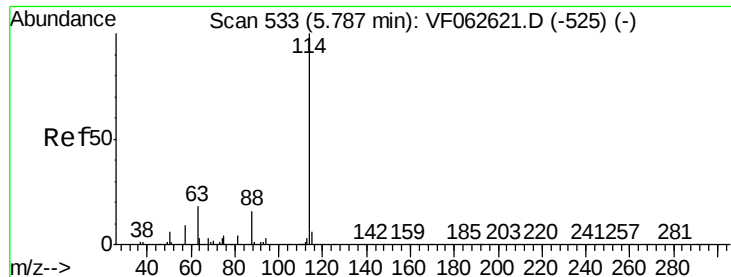
Tot Ion: 43 Resp: 18318
Ion Ratio Lower Upper
43 100
72 66.1 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 46.698 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

Tgt Ion: 65 Resp: 278818
Ion Ratio Lower Upper
65 100
67 59.9 0.0 117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF062754.D

Acq: 28 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VF0528SBL01

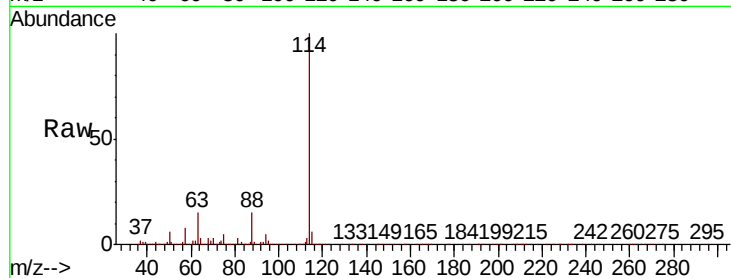
Tot Ion:114 Resp: 1458848

Ion Ratio Lower Upper

114 100

63 15.4 0.0 35.4

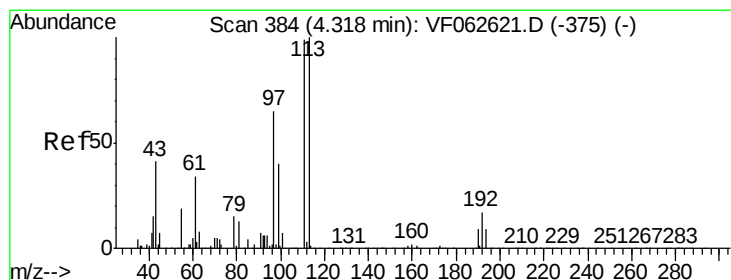
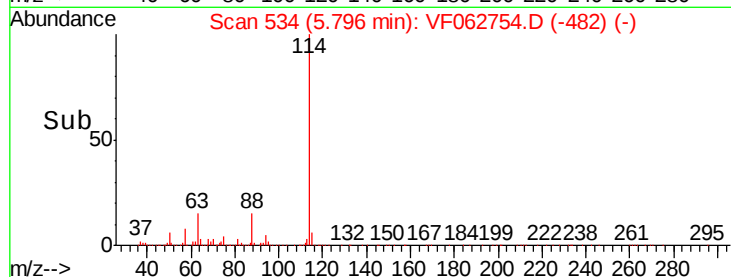
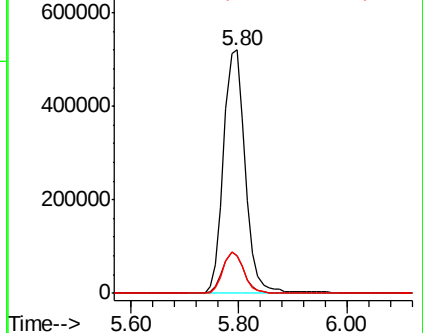
88 15.2 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 49.252 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VF062754.D

Acq: 28 May 2019 12:01

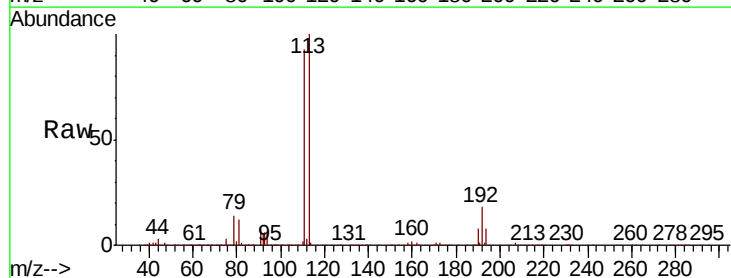
Tgt Ion:113 Resp: 549812

Ion Ratio Lower Upper

113 100

111 93.0 79.4 119.2

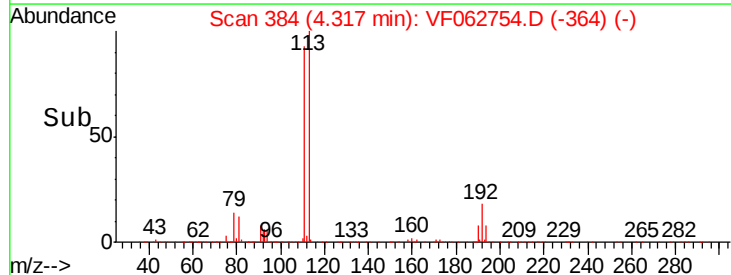
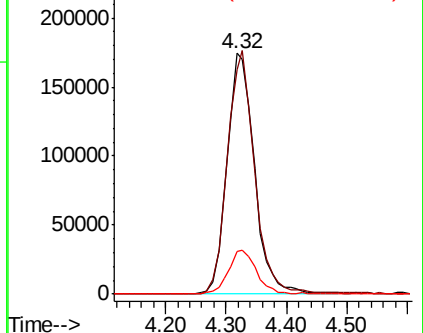
192 17.7 13.4 20.2

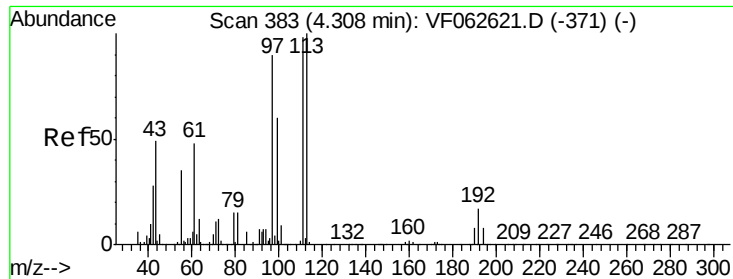


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

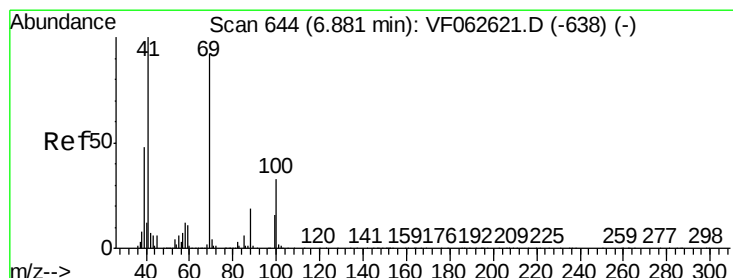
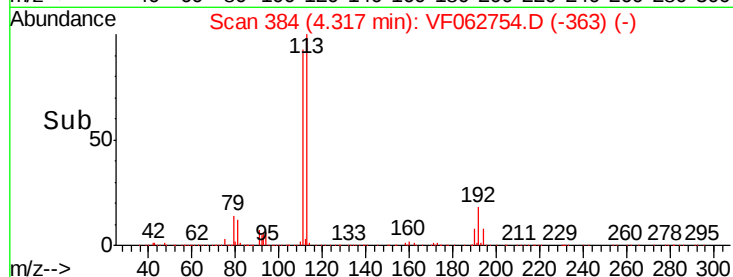
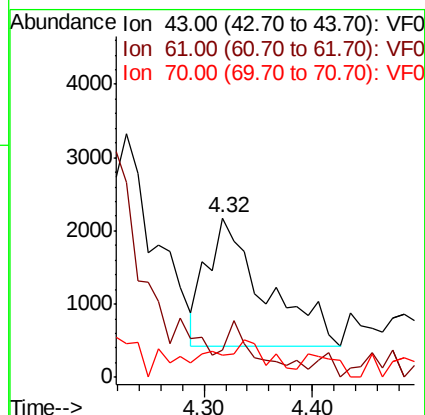
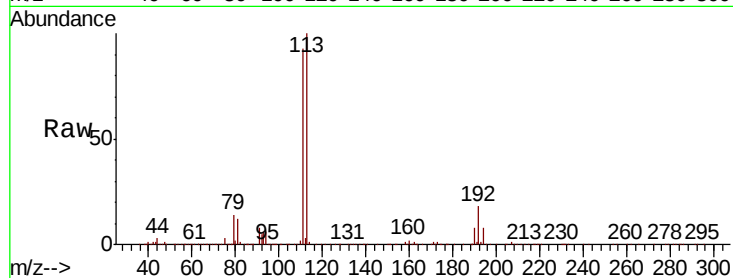




#37
Ethyl Acetate
Concen: 1.076 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

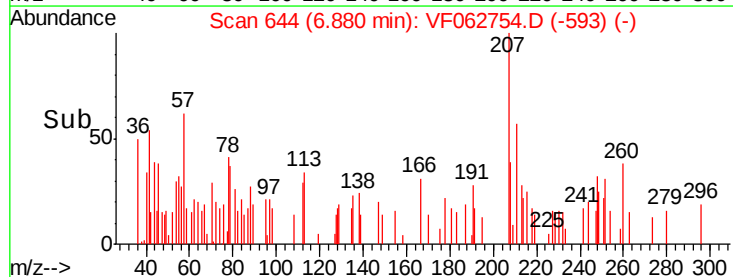
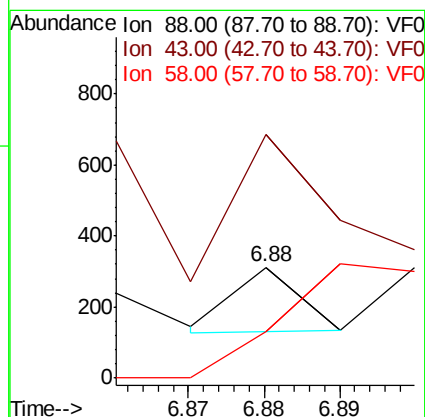
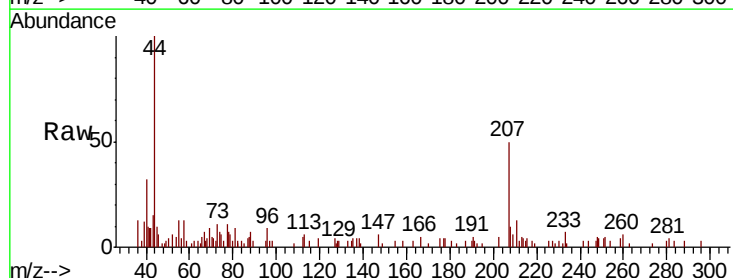
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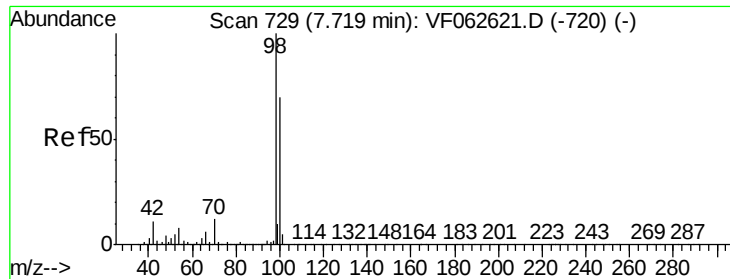
Tot Ion: 43 Resp: 6570
Ion Ratio Lower Upper
43 100
61 17.1 76.9 115.3#
70 13.9 8.8 13.2#



#49
1,4-Dioxane
Concen: 2.040 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.00 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
43 220.6 30.0 45.0#
58 42.1 51.1 76.7#

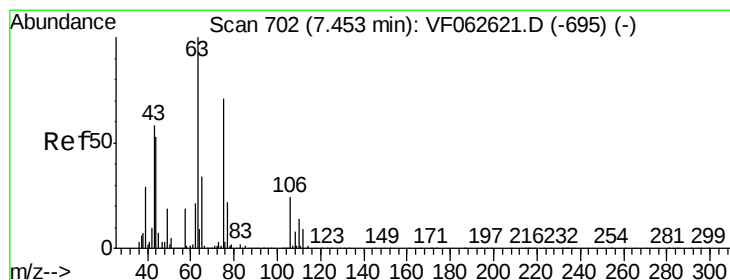
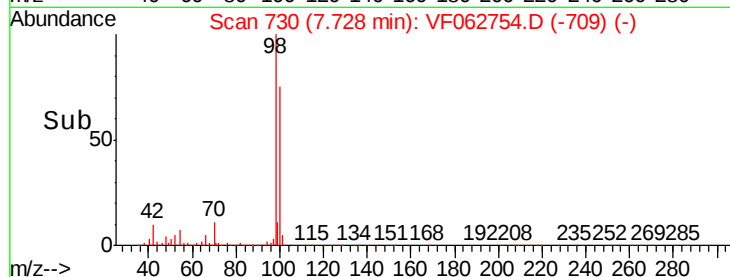
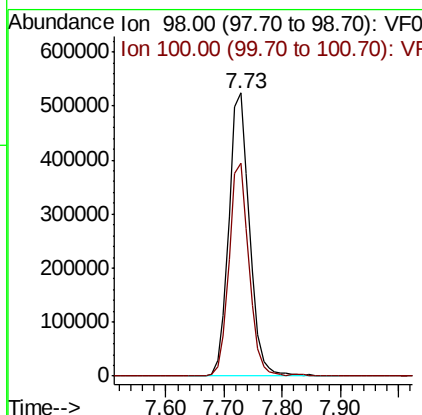
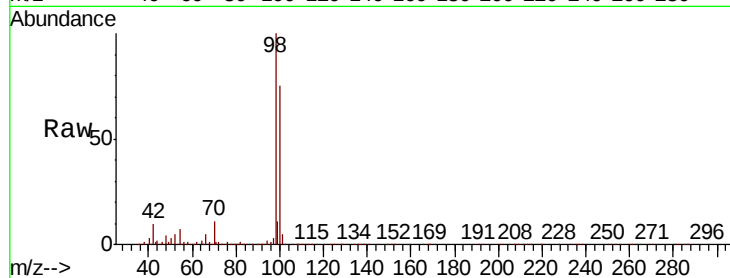




#50
Toluene-d8
Concen: 48.605 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

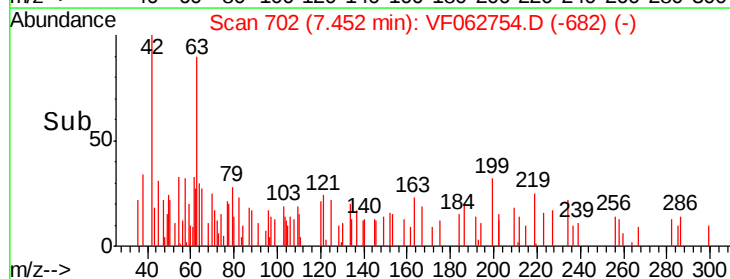
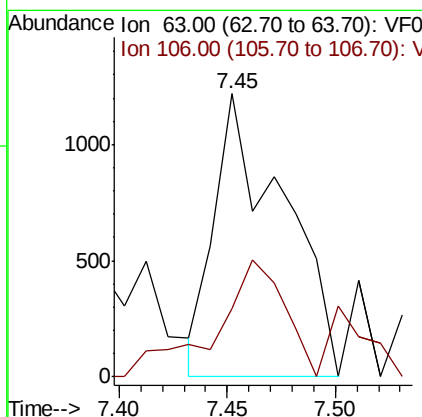
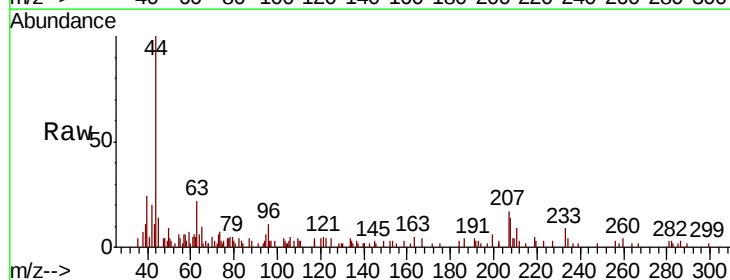
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VF0528SBL01

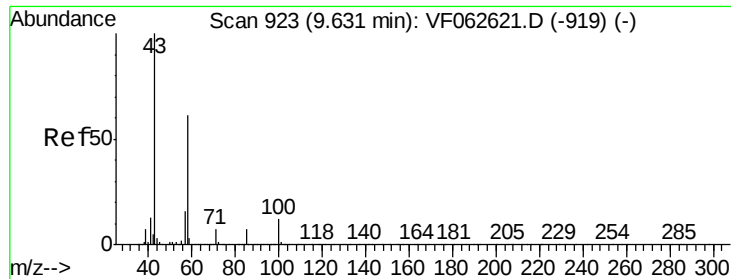
Tot Ion: 98 Resp: 1295471
Ion Ratio Lower Upper
98 100
100 75.4 56.2 84.2



#58
2-Chloroethyl Vinyl ether
Concen: 1.101 ug/l
RT: 7.45 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

Tgt Ion: 63 Resp: 2700
Ion Ratio Lower Upper
63 100
106 24.3 19.1 28.7

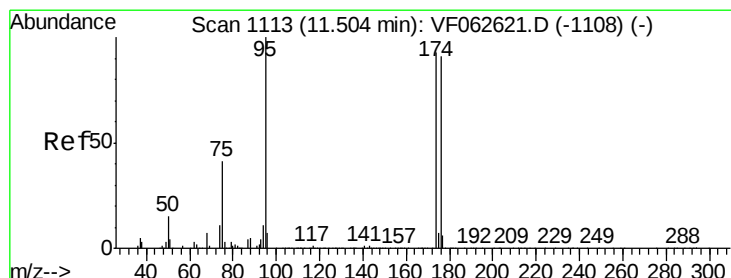
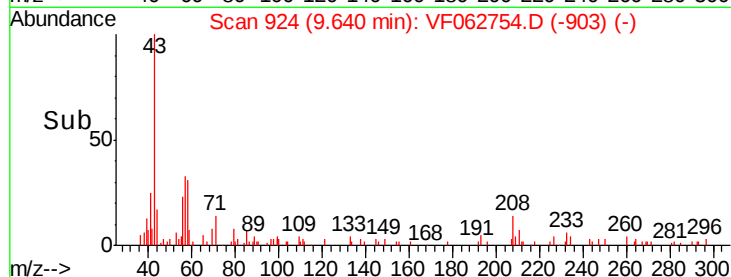
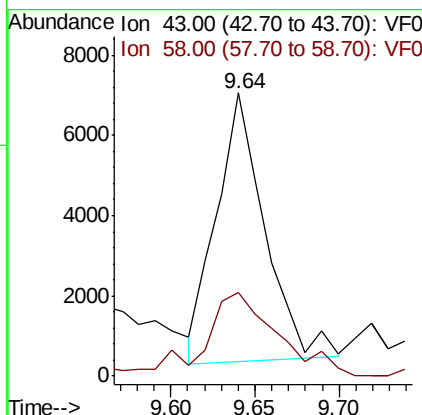
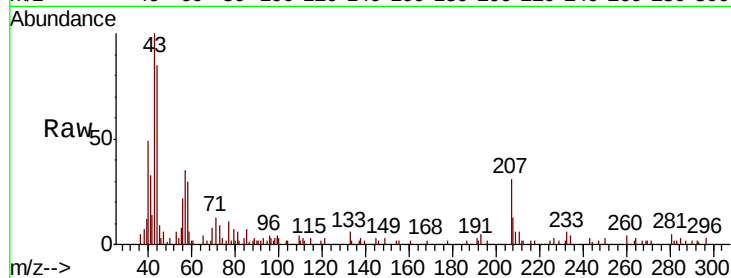




#59
2-Hexanone
Concen: Below Cal
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

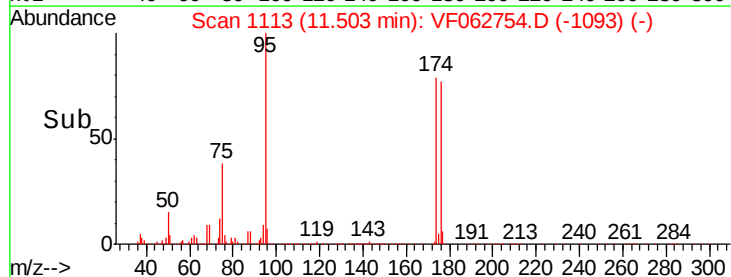
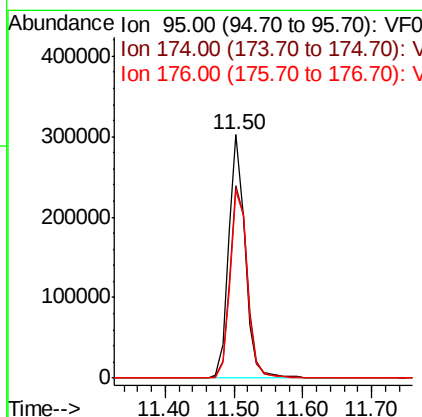
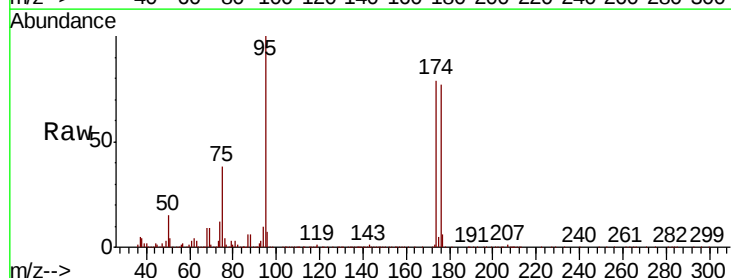
Instrument :
MSVOA_F
ClientSampleId :
VF0528SBL01

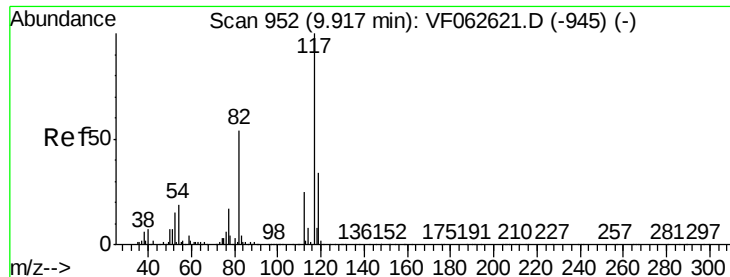
Tot Ion: 43 Resp: 13353
Ion Ratio Lower Upper
43 100
58 29.6 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

Tgt Ion: 95 Resp: 499319
Ion Ratio Lower Upper
95 100
174 79.2 0.0 185.6
176 76.9 0.0 182.4

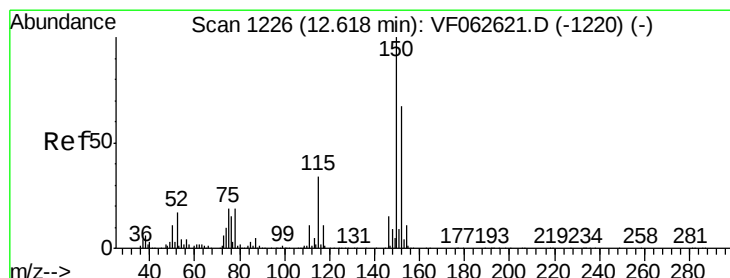
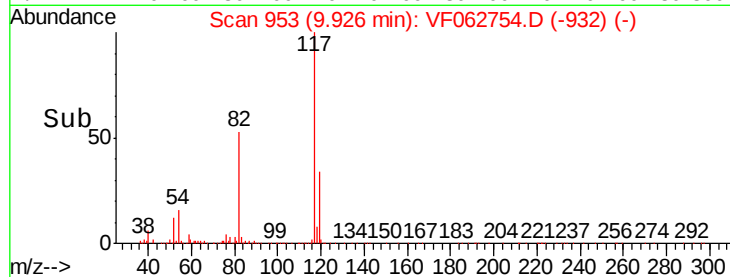
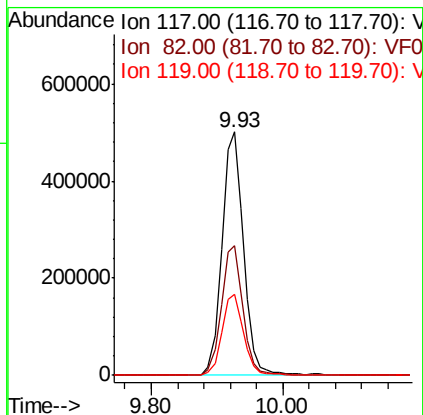
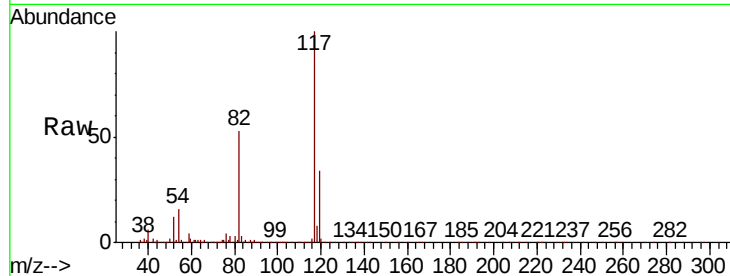




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

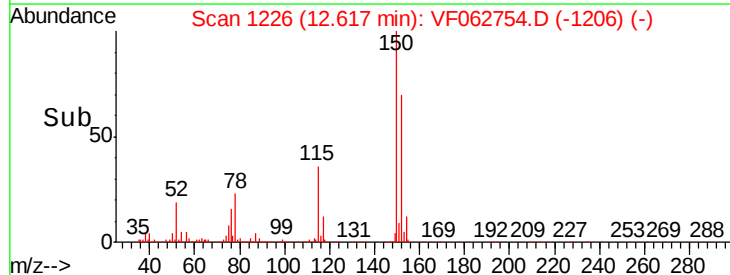
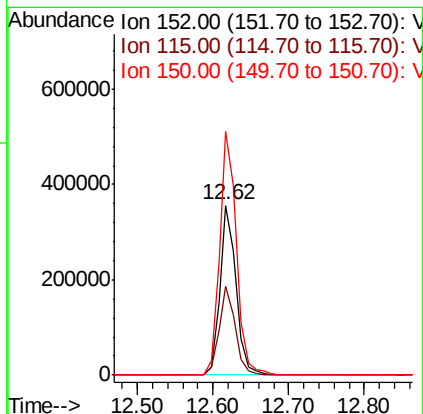
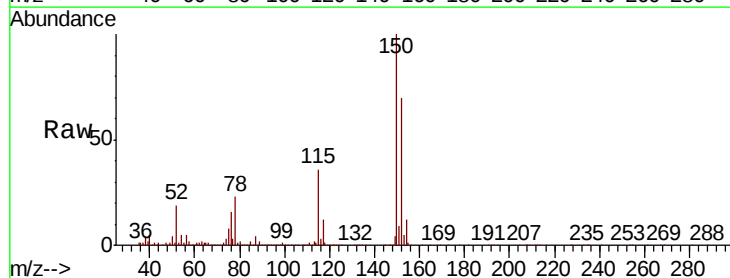
Instrument :
MSVOA_F
ClientSampleId :
VF0528SBL01

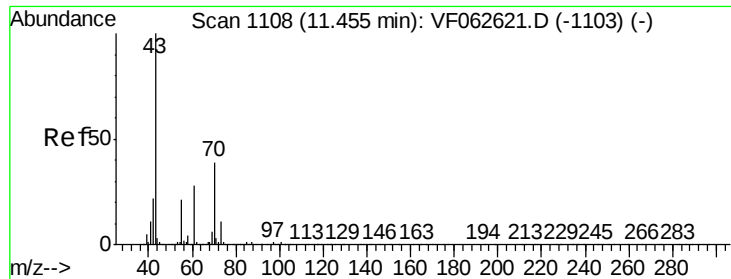
Tot Ion:117 Resp: 1145890
Ion Ratio Lower Upper
117 100
82 53.4 43.3 64.9
119 33.5 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062754.D
Acq: 28 May 2019 12:01

Tgt Ion:152 Resp: 535991
Ion Ratio Lower Upper
152 100
115 52.2 25.2 75.6
150 143.6 0.0 306.2





#74
 N-amvl acetate
 Concen: Below Cal
 RT: 11.45 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VF062754.D
 Acq: 28 May 2019 12:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0528SBL01

Tot Ion	Ratio	Lower	Upper
43	100		
70	19.0	30.9	46.3#
55	31.9	17.0	25.4#
61	17.9	22.6	34.0#

