

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062209.D
 Acq On : 18 Apr 2019 17:11
 Operator : FY/SY
 Sample : K2407-06
 Misc : 5.89g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Apr 19 01:18:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	106749	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	119166	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	76288	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	32872	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	21833	22.31	ug/l	0.02
Spiked Amount			Recovery	=	44.62%	
35) Dibromofluoromethane	4.30	113	35469	34.03	ug/l	0.00
Spiked Amount			Recovery	=	68.06%	
50) Toluene-d8	7.71	98	103433	39.20	ug/l	0.02
Spiked Amount			Recovery	=	78.40%	
62) 4-Bromofluorobenzene	11.50	95	34630	34.12	ug/l	0.02
Spiked Amount			Recovery	=	68.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.15	50	950	0.567	ug/l #	74
5) Bromomethane	1.46	94	334	0.399	ug/l #	34
6) Chloroethane	1.47	64	164	0.272	ug/l #	41
8) Diethyl Ether	1.55	74	539	1.415	ug/l	77
11) Tert butyl alcohol	2.69	59	536	7.878	ug/l #	1
12) 1,1-Dichloroethene	1.88	96	517	0.435	ug/l #	27
13) Acrolein	2.10	56	248	Below Cal	#	14
14) Allyl chloride	2.19	41	407	0.298	ug/l #	21
15) Acrylonitrile	3.08	53	869	4.193	ug/l #	52
16) Acetone	2.35	43	10476	44.776	ug/l	98
18) Methyl Acetate	2.50	43	9875	15.575	ug/l #	66
19) Methyl tert-butyl Ether	2.58	73	612	0.291	ug/l #	58
20) Methylene Chloride	2.30	84	11055	3.840	ug/l #	87
21) trans-1,2-Dichloroethene	2.42	96	249	0.212	ug/l #	60
22) Diisopropyl ether	2.93	45	780	0.223	ug/l #	8
23) Vinyl Acetate	3.34	43	2436	1.465	ug/l #	79
25) 2-Butanone	4.53	43	2252	4.814	ug/l #	56
26) 2,2-Dichloropropane	3.75	77	356	0.369	ug/l #	1
27) cis-1,2-Dichloroethene	3.62	96	904	0.594	ug/l	10
29) Tetrahydrofuran	4.27	42	969	4.576	ug/l #	62
30) Chloroform	4.02	83	622	0.265	ug/l	95
32) 1,1,1-Trichloroethane	4.24	97	379	0.221	ug/l #	17
36) 1,1-Dichloropropene	4.44	75	298	0.209	ug/l #	1
37) Ethyl Acetate	4.32	43	1843	2.734	ug/l #	47
39) Methylcyclohexane	5.63	83	541	0.316	ug/l #	43
40) Benzene	4.82	78	1661	0.443	ug/l #	56
41) Methacrylonitrile	4.94	41	1193	3.068	ug/l #	46
42) 1,2-Dichloroethane	5.06	62	469	0.473	ug/l #	1
43) Isopropyl Acetate	7.11	43	638	0.900	ug/l #	68
46) Dibromomethane	6.30	93	385	0.701	ug/l #	29
47) Bromodichloromethane	6.56	83	730	0.589	ug/l #	96
48) Methyl methacrylate	6.85	41	1046	2.245	ug/l #	52
49) 1,4-Dioxane	6.87	88	148	27.693	ug/l #	42
51) 4-Methyl-2-Pentanone	8.40	43	2248	4.262	ug/l #	87

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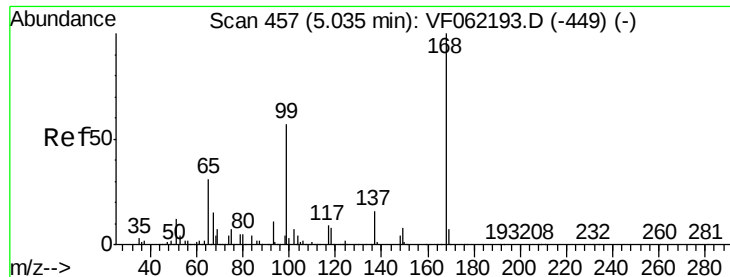
Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Apr 19 01:18:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Toluene	7.78	92	4451	2.253	ug/l #	64
55) 1,1,2-Trichloroethane	8.60	97	444	0.802	ug/l #	44
56) Ethyl methacrylate	8.78	69	627	0.997	ug/l #	1
57) 1,3-Dichloropropane	9.01	76	273	0.306	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.56	63	330	1.807	ug/l	96
59) 2-Hexanone	9.62	43	3516	10.822	ug/l	98
65) Chlorobenzene	9.94	112	641	0.394	ug/l #	42
67) Ethyl Benzene	10.03	91	2015	0.681	ug/l	91
68) m/p-Xylenes	10.25	106	1451	1.333	ug/l #	68
69) o-Xylene	10.81	106	612	0.506	ug/l #	18
70) Styrene	10.90	104	1120	0.656	ug/l #	67
73) Isopropylbenzene	11.22	105	2270	0.804	ug/l	83
74) N-amyl acetate	11.46	43	2054	0.909	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.74	83	316	0.651	ug/l #	68
76) 1,2,3-Trichloropropane	11.87	75	505	1.512	ug/l #	1
77) Bromobenzene	11.59	156	235	0.388	ug/l #	24
78) n-propylbenzene	11.66	91	2667	0.895	ug/l	97
79) 2-Chlorotoluene	11.79	91	1178	0.652	ug/l	83
80) 1,3,5-Trimethylbenzene	11.89	105	1653	0.703	ug/l #	57
81) trans-1,4-Dichloro-2-buten	11.94	75	342	2.007	ug/l #	1
82) 4-Chlorotoluene	11.97	91	2074	1.188	ug/l	91
83) tert-Butylbenzene	12.20	119	1213	0.499	ug/l #	62
84) 1,2,4-Trimethylbenzene	12.27	105	2082	0.915	ug/l	70
85) sec-Butylbenzene	12.37	105	2152	0.682	ug/l	92
86) p-Isopropyltoluene	12.51	119	2165	0.808	ug/l #	70
87) 1,3-Dichlorobenzene	12.54	146	863	0.769	ug/l	85
88) 1,4-Dichlorobenzene	12.54	146	863	0.797	ug/l	84
89) n-Butylbenzene	12.90	91	2566	Below Cal		94
90) Hexachloroethane	12.97	117	738	1.073	ug/l #	12
91) 1,2-Dichlorobenzene	12.99	146	786	0.725	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.66	75	237	2.484	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.24	180	649	0.716	ug/l #	79
94) Hexachlorobutadiene	14.23	225	144	0.232	ug/l #	20
95) Naphthalene	14.49	128	2286	1.442	ug/l	96
96) 1,2,3-Trichlorobenzene	14.64	180	574	0.659	ug/l	91

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

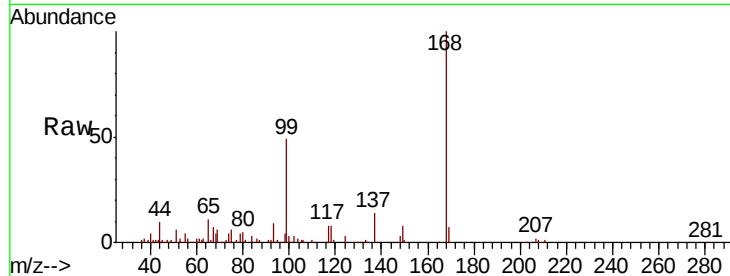


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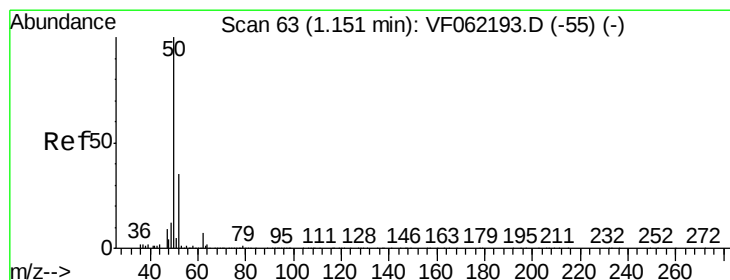
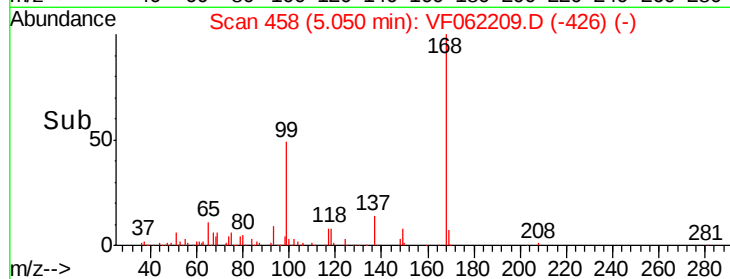
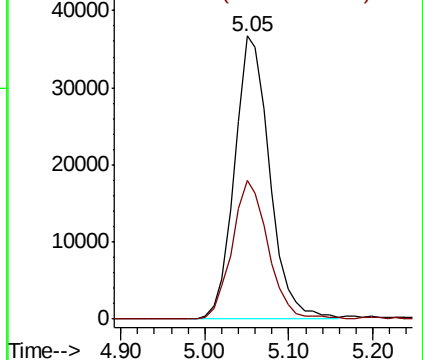
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:168 Resp: 106749
Ion Ratio Lower Upper
168 100
99 49.1 45.5 68.3



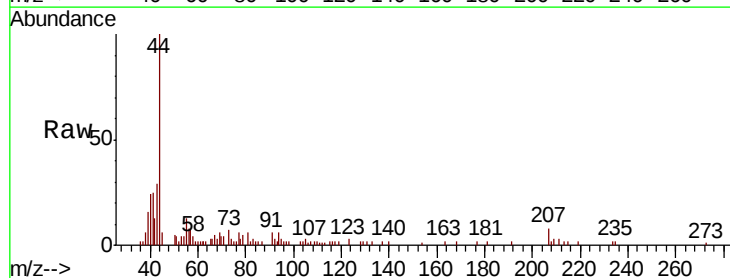
Abundance Ion 167.90 (167.60 to 168.60): VF0
Ion 98.90 (98.60 to 99.60): VF0



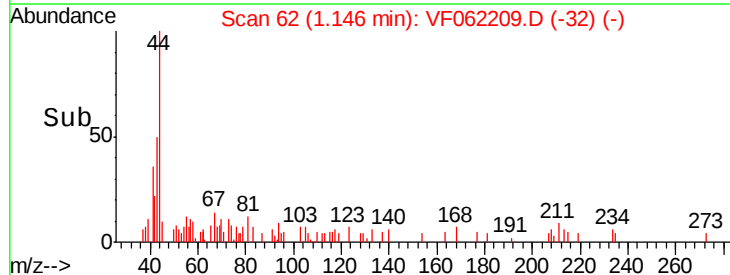
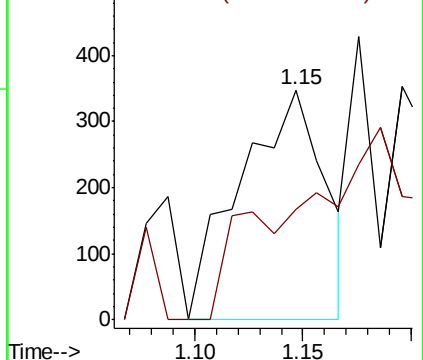
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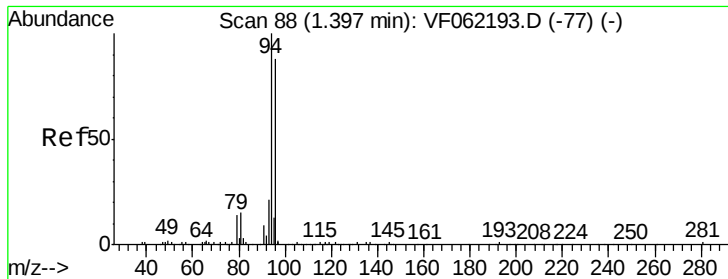
Chloromethane
Concen: 0.567 ug/l
RT: 1.15 min Scan# 62
Delta R.T. -0.00 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 50 Resp: 950
Ion Ratio Lower Upper
50 100
52 48.3 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0
Ion 51.90 (51.60 to 52.60): VF0





#5

Bromomethane

Concen: 0.399 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.06 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

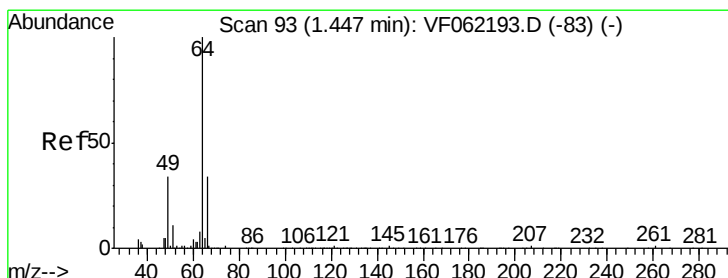
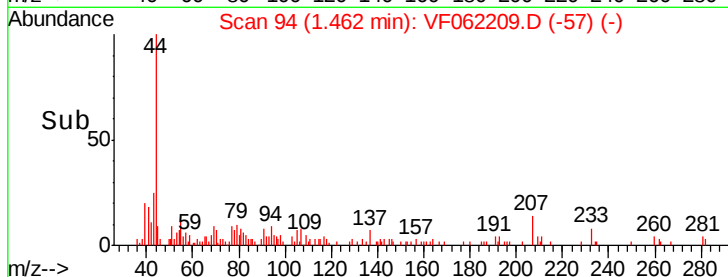
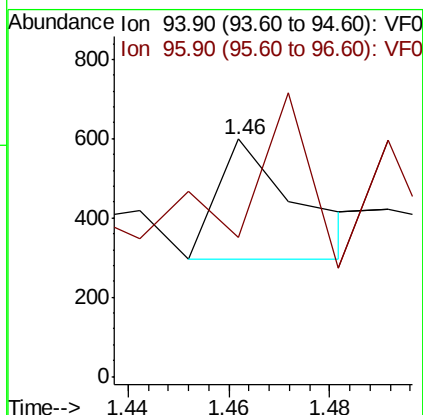
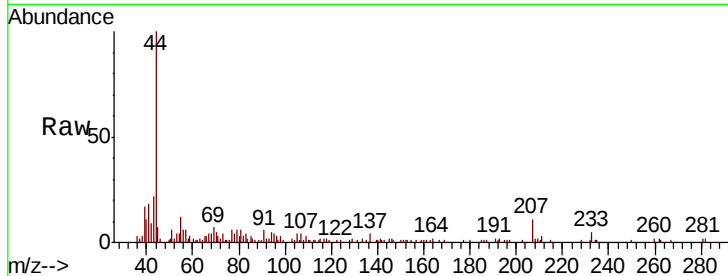
ClientSampled :

Tot Ion: 94 Resp: 334

Ion Ratio Lower Upper

94 100

96 26.6 70.2 105.4#



#6

Chloroethane

Concen: 0.272 ug/l

RT: 1.47 min Scan# 95

Delta R.T. 0.03 min

Lab File: VF062209.D

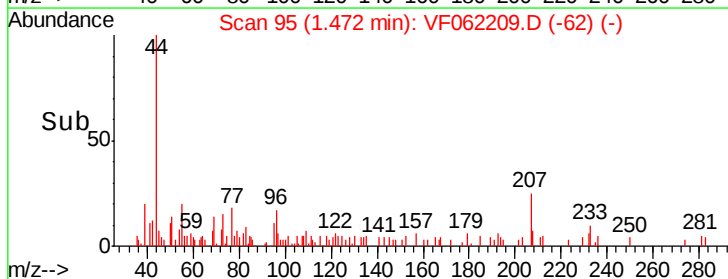
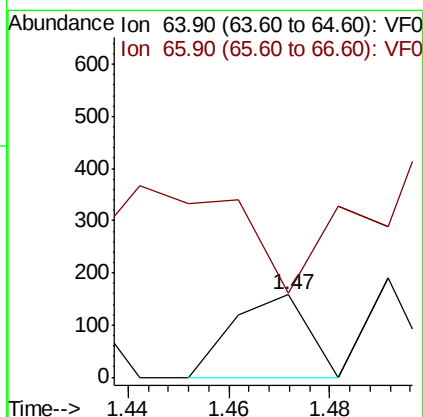
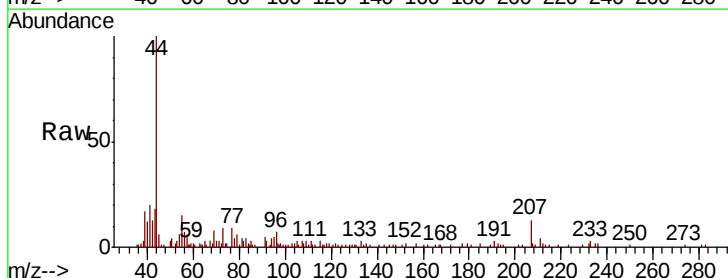
Acq: 18 Apr 2019 17:11

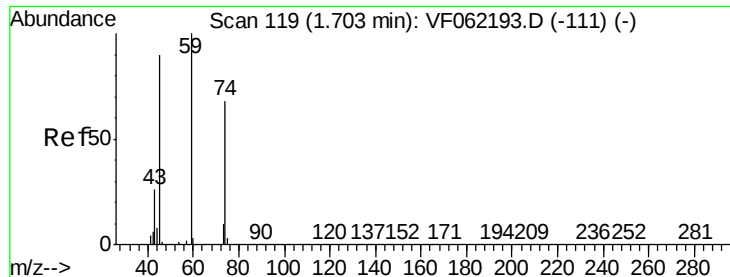
Tgt Ion: 64 Resp: 164

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.4#





#8

Diethyl Ether

Concen: 1.415 ug/l

RT: 1.55 min Scan# 103

Delta R.T. -0.15 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

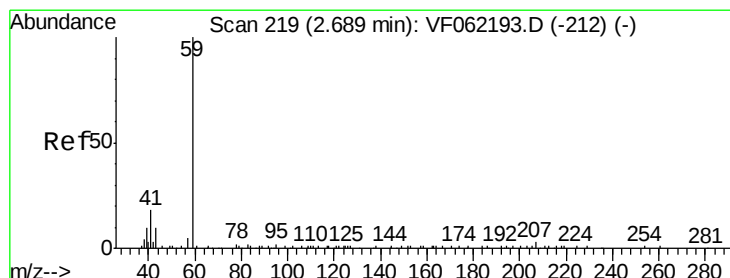
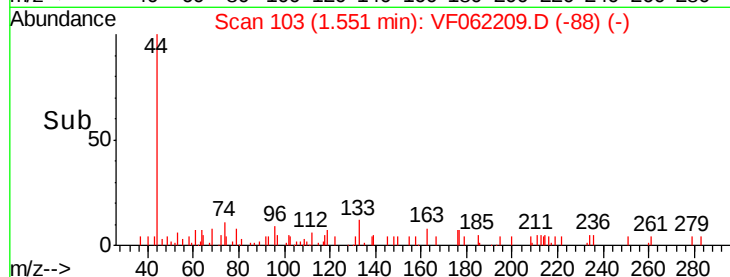
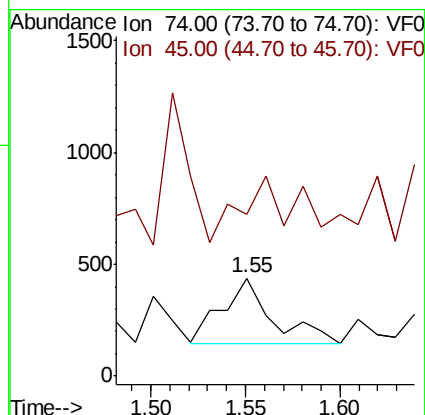
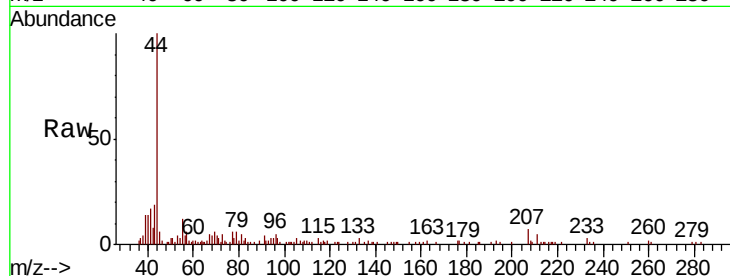
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 74 Resp: 539

Ion Ratio Lower Upper

74 100

45 168.3 70.0 210.2



#11

Tert butyl alcohol

Concen: 7.878 ug/l

RT: 2.69 min Scan# 219

Delta R.T. 0.01 min

Lab File: VF062209.D

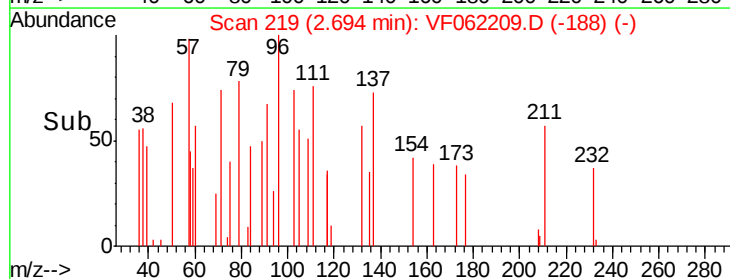
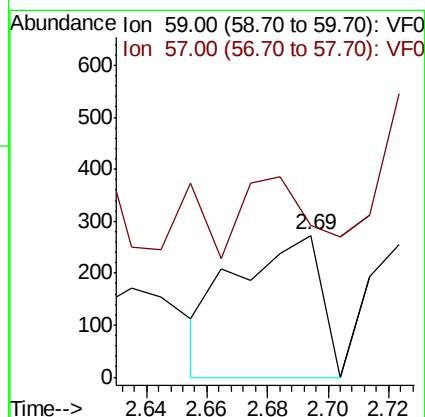
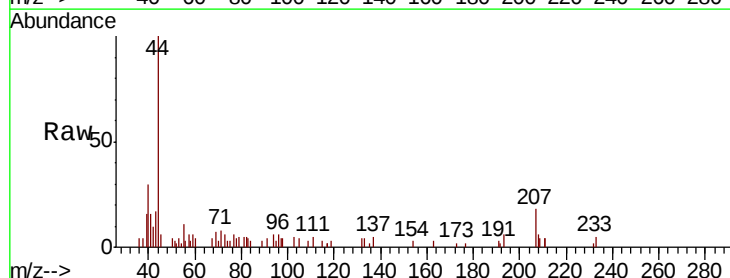
Acq: 18 Apr 2019 17:11

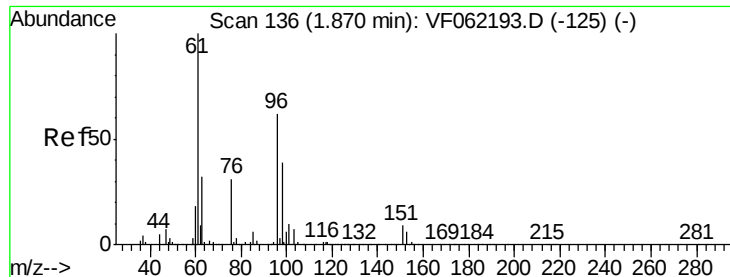
Tgt Ion: 59 Resp: 536

Ion Ratio Lower Upper

59 100

57 50.6 9.3 13.9#





#12

1,1-Dichloroethene

Concen: 0.435 ug/l

RT: 1.88 min Scan# 136

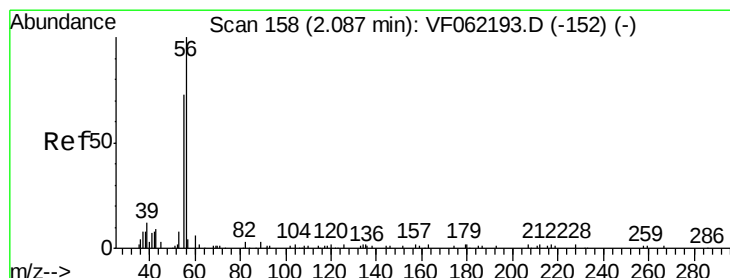
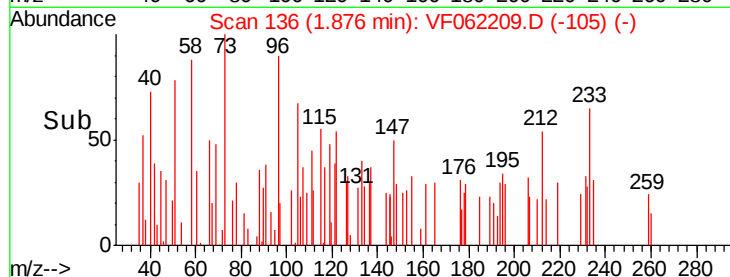
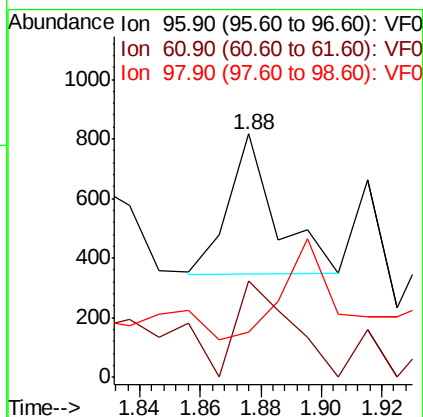
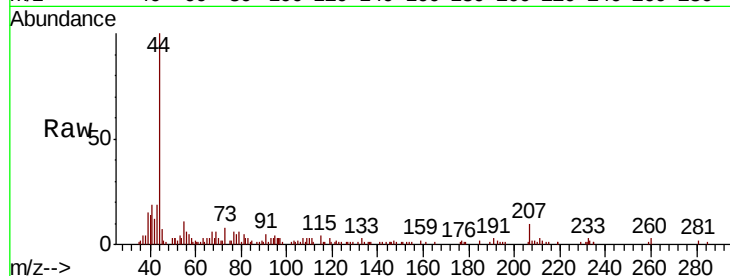
Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	96	Resp:	517
Ion	Ratio	Lower	Upper
96	100		
61	68.7	129.1	193.7#
98	0.0	50.0	75.0#



#13

Acrolein

Concen: Below Cal

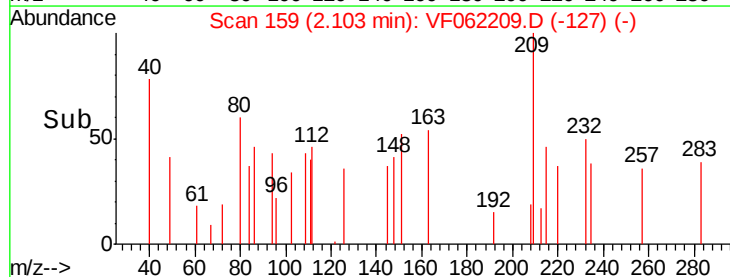
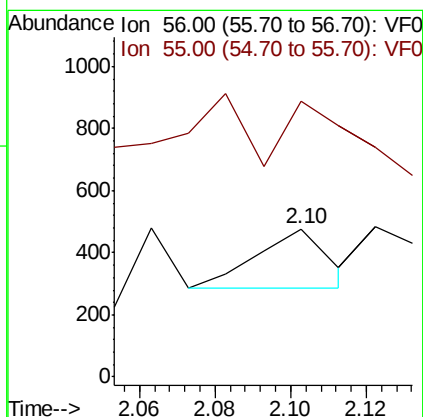
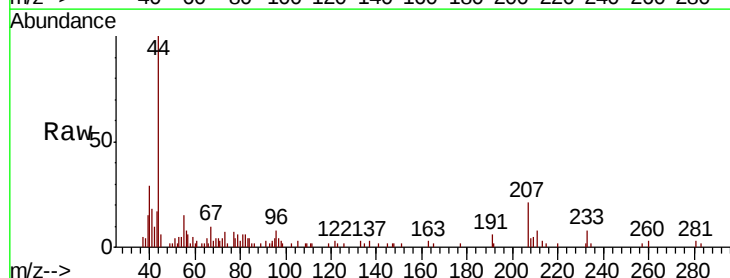
RT: 2.10 min Scan# 159

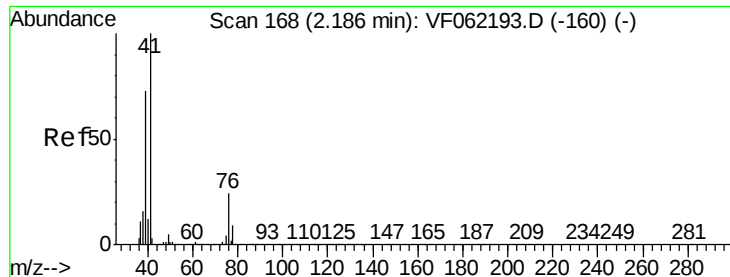
Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion:	56	Resp:	248
Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.0#

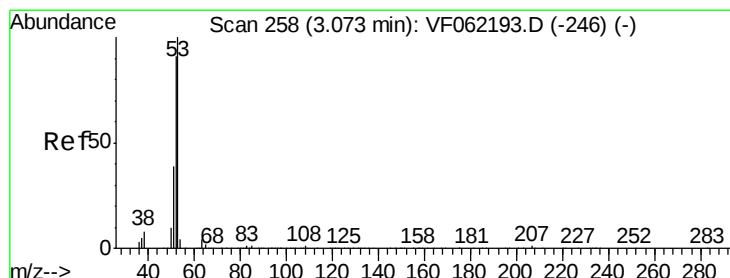
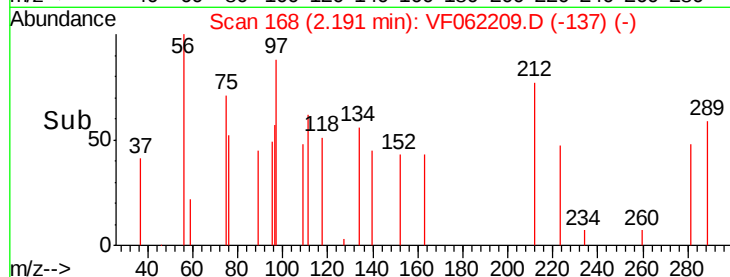
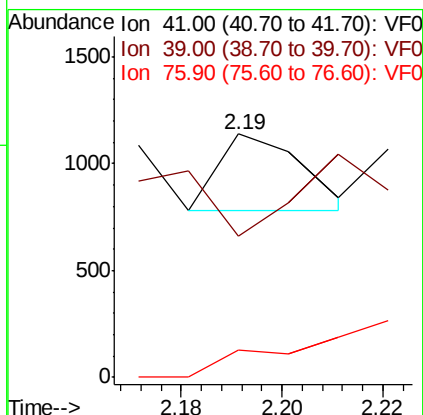
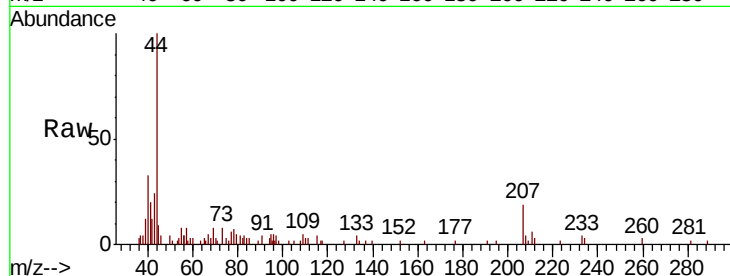




#14
Allvl chloride
Concen: 0.298 ug/l
RT: 2.19 min Scan# 168
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

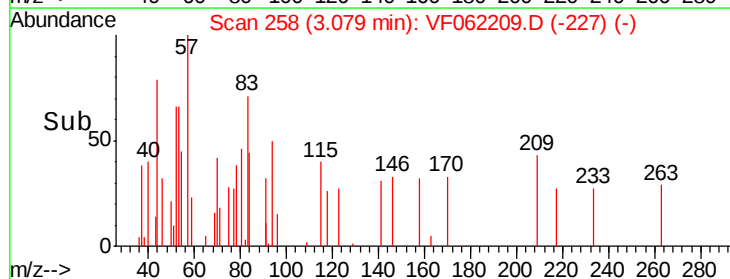
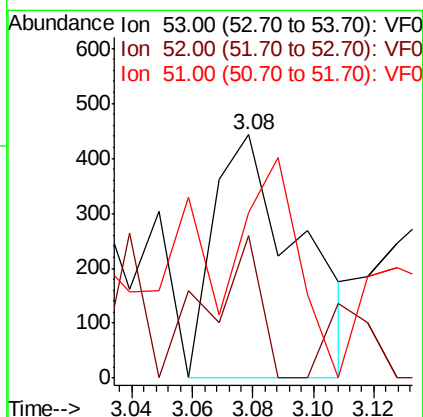
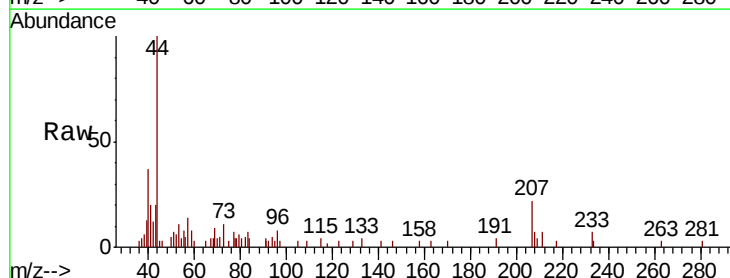
Instrument :
MSVOA_F
ClientSampleId :

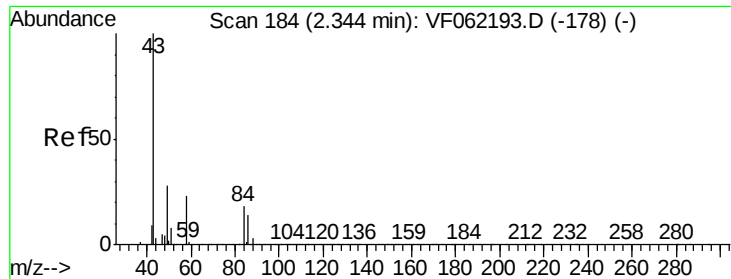
Tot Ion: 41 Resp: 407
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
76 0.0 20.6 30.8#



#15
Acrylonitrile
Concen: 4.193 ug/l
RT: 3.08 min Scan# 258
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 53 Resp: 869
Ion Ratio Lower Upper
53 100
52 35.6 69.5 104.3#
51 58.2 31.8 47.8#

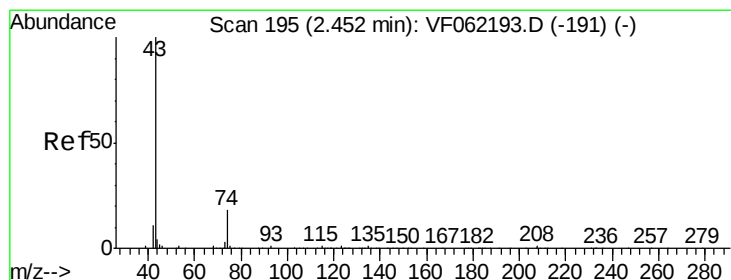
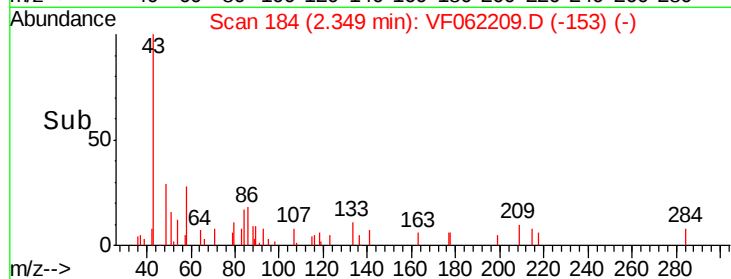
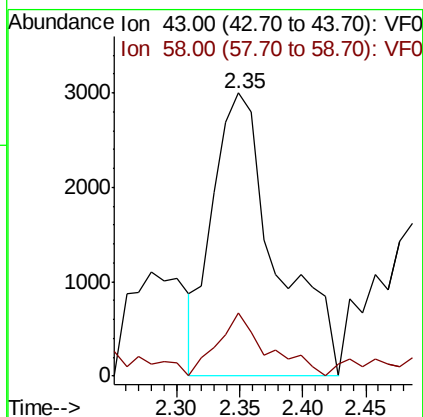
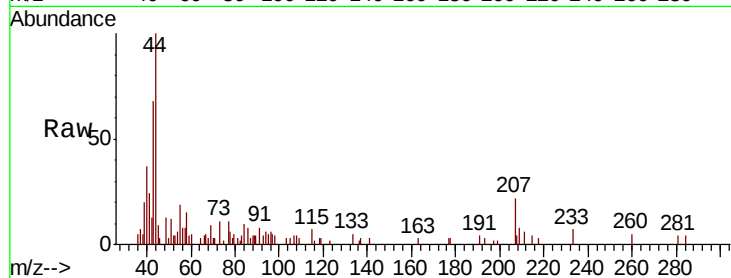




#16
Acetone
Concen: 44.776 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

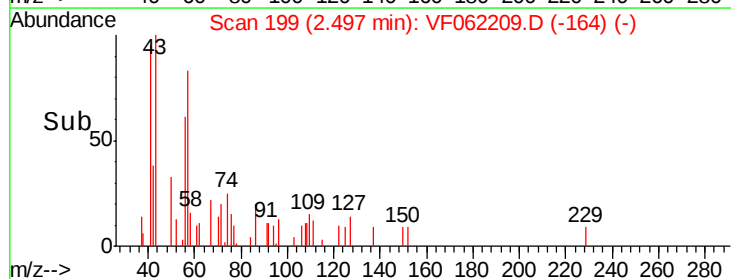
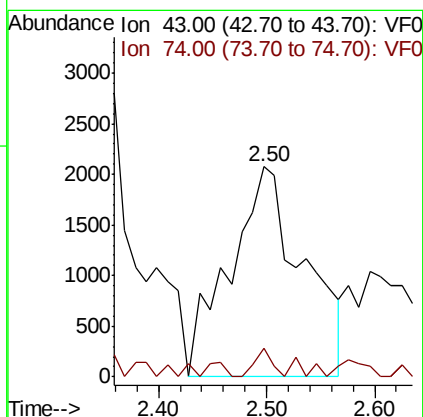
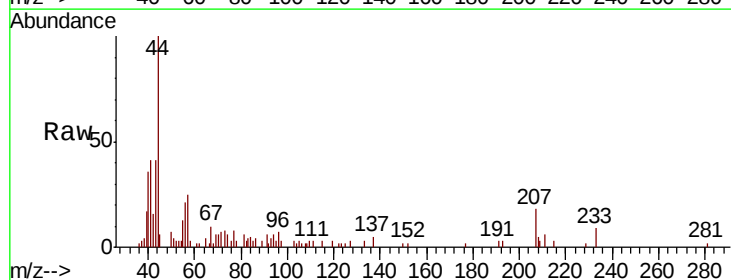
Instrument :
MSVOA_F
ClientSampleId :

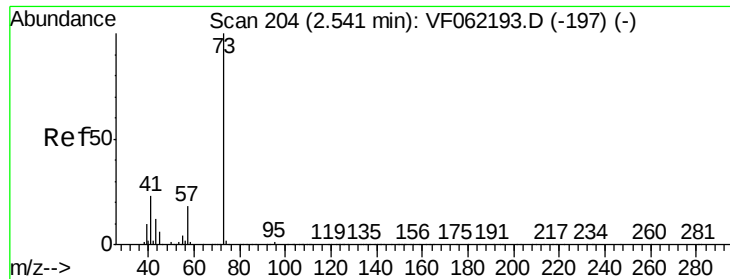
Tot Ion: 43 Resp: 10476
Ion Ratio Lower Upper
43 100
58 22.5 18.8 28.2



#18
Methyl Acetate
Concen: 15.575 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.05 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 43 Resp: 9875
Ion Ratio Lower Upper
43 100
74 3.1 14.5 21.7#

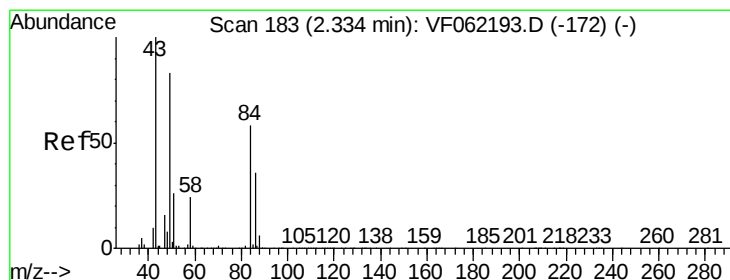
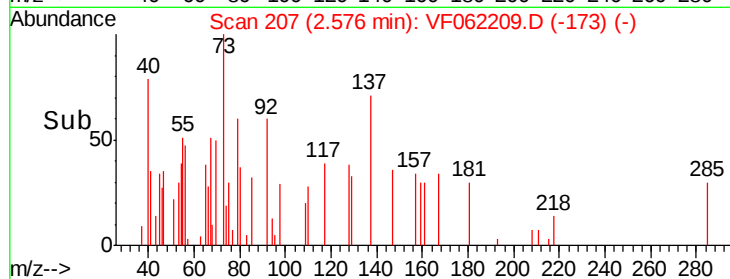
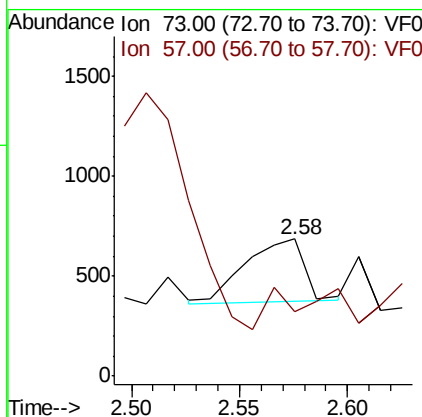
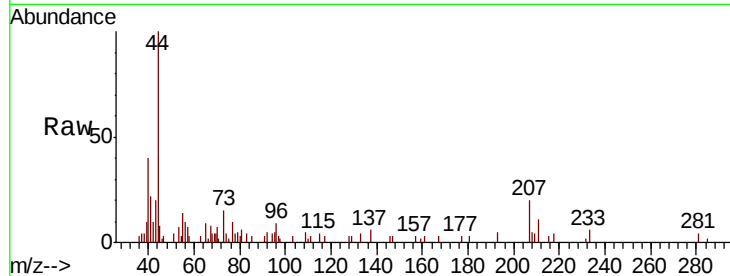




#19
Methvl tert-butvl Ether
Concen: 0.291 ug/l
RT: 2.58 min Scan# 207
Delta R.T. 0.04 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

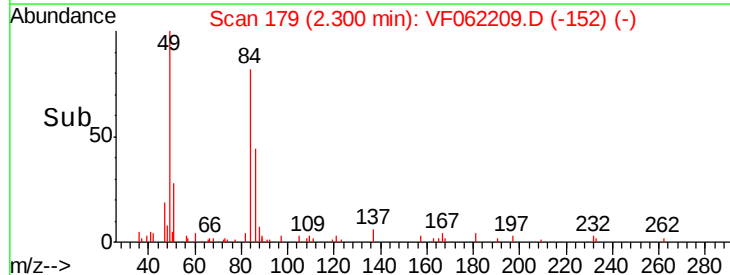
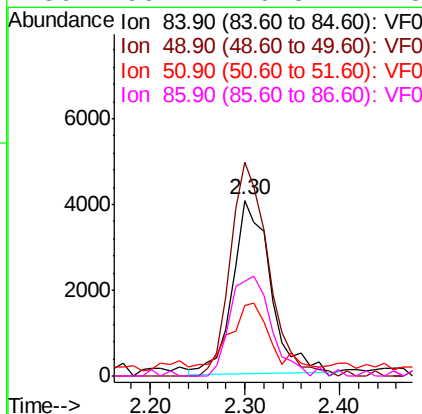
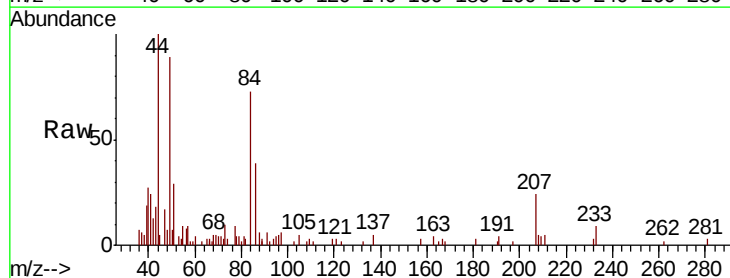
Instrument :
MSVOA_F
ClientSampled :

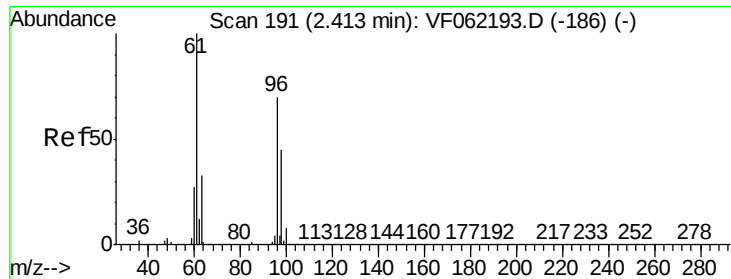
Tot Ion: 73 Resp: 612
Ion Ratio Lower Upper
73 100
57 0.0 15.1 22.7#



#20
Methylene Chloride
Concen: 3.840 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.03 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 84 Resp: 11055
Ion Ratio Lower Upper
84 100
49 125.2 114.0 171.0
51 35.8 37.0 55.4#
86 55.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 0.212 ug/l

RT: 2.42 min Scan# 191

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

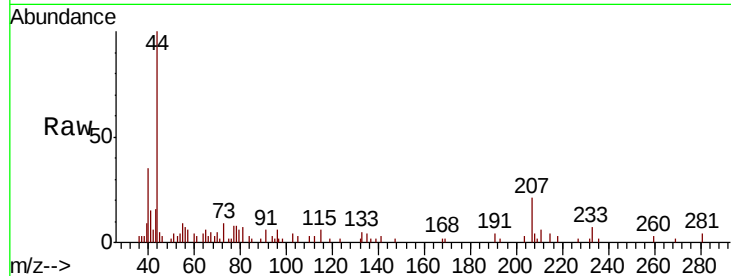
Tot Ion: 96 Resp: 249

Ion Ratio Lower Upper

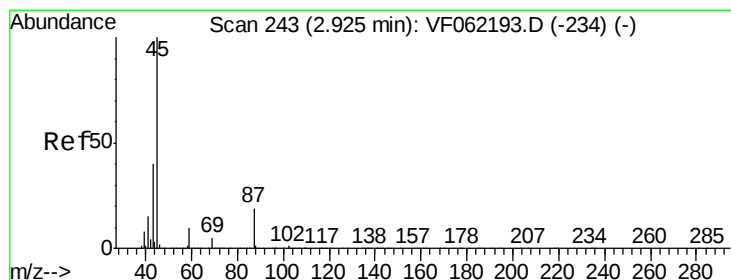
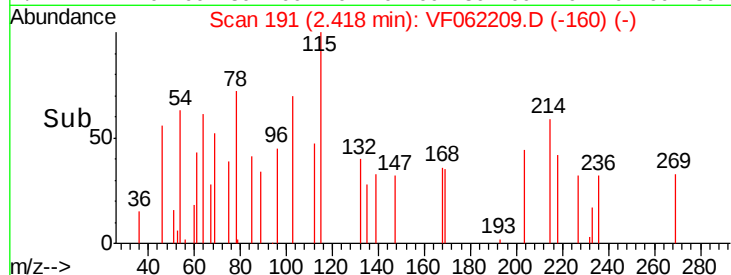
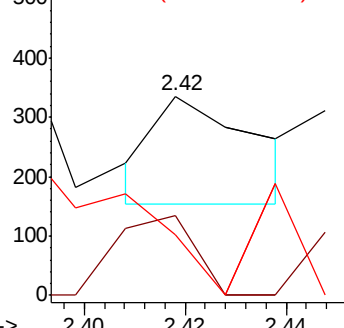
96 100

61 117.5 114.6 172.0

98 0.0 51.2 76.8#



Abundance Ion 95.90 (95.60 to 96.60): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 0.223 ug/l

RT: 2.93 min Scan# 243

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion: 45 Resp: 780

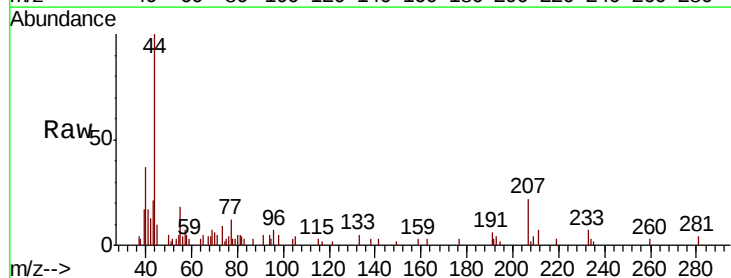
Ion Ratio Lower Upper

45 100

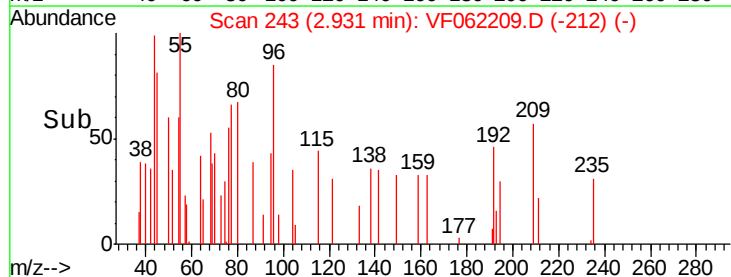
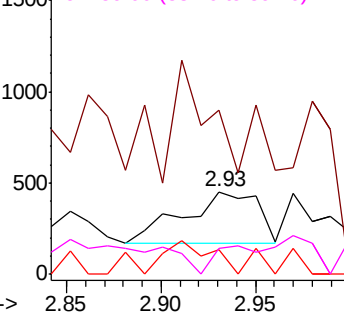
43 117.7 32.8 49.2#

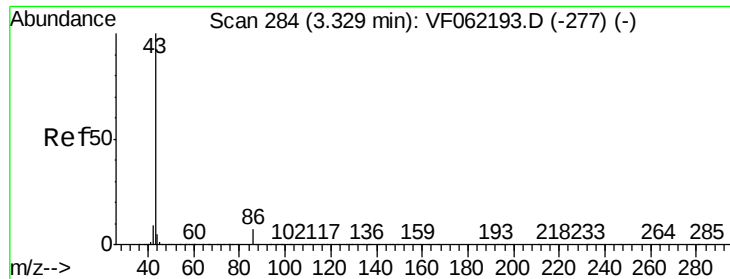
87 46.3 15.2 22.8#

59 1.8 7.8 11.6#



Abundance Ion 45.00 (44.70 to 45.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 87.00 (86.70 to 87.70): VF0
Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 1.465 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

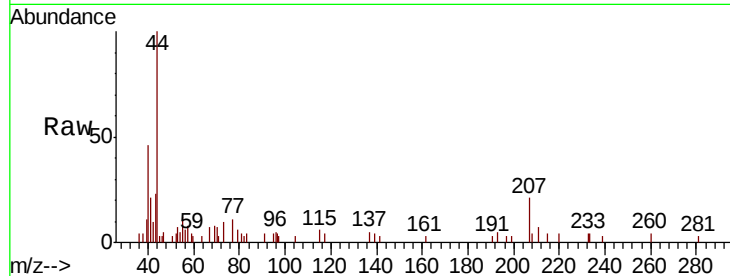
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 2436

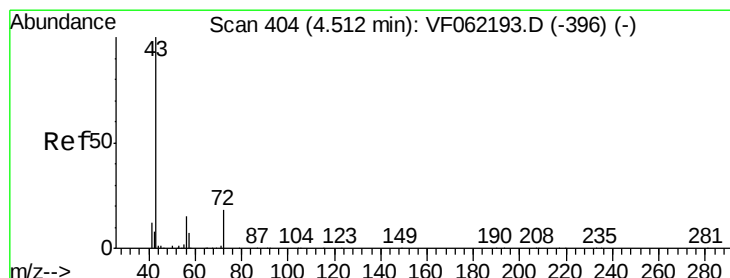
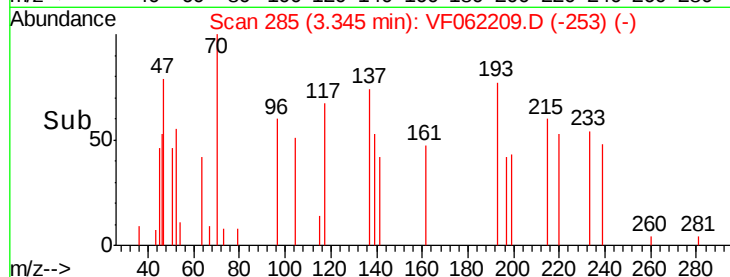
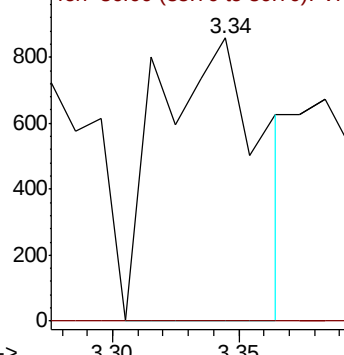
Ion Ratio Lower Upper

43 100

86 0.0 5.9 8.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 4.814 ug/l

RT: 4.53 min Scan# 405

Delta R.T. 0.02 min

Lab File: VF062209.D

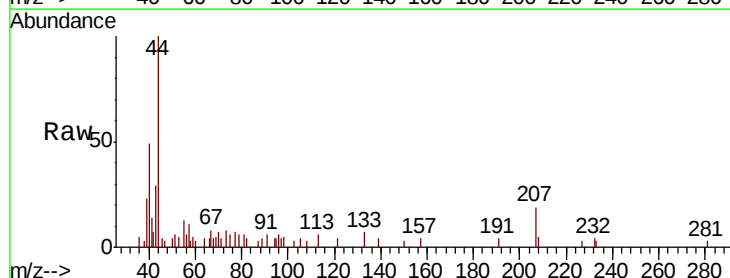
Acq: 18 Apr 2019 17:11

Tgt Ion: 43 Resp: 2252

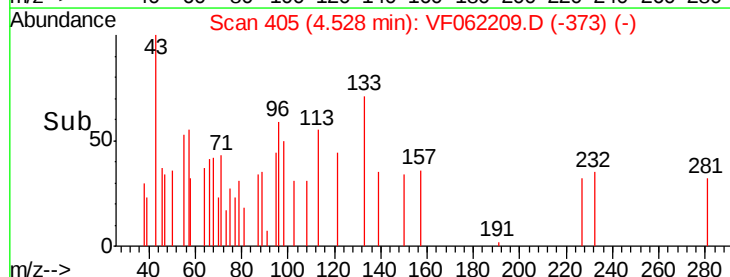
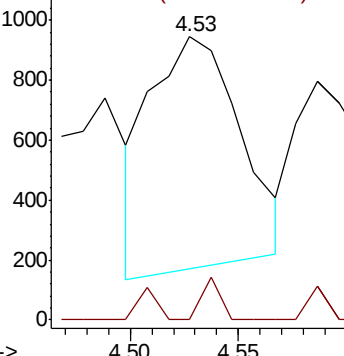
Ion Ratio Lower Upper

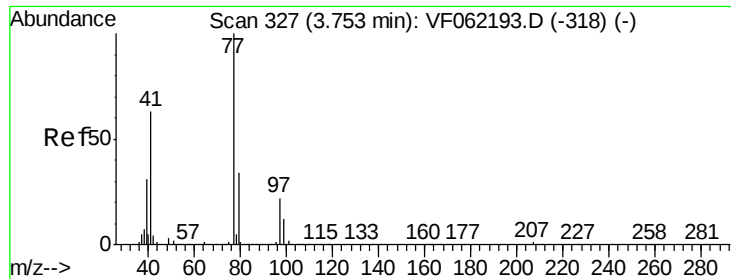
43 100

72 0.0 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 0.369 ug/l

RT: 3.75 min Scan# 326

Delta R.T. -0.00 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

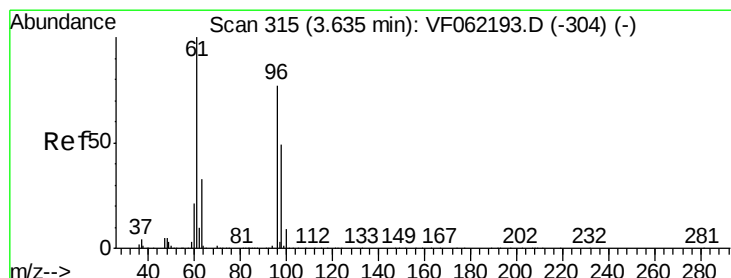
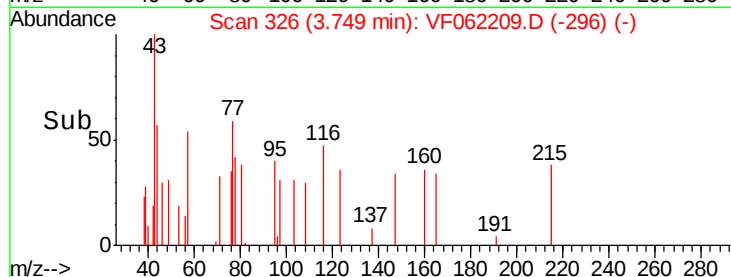
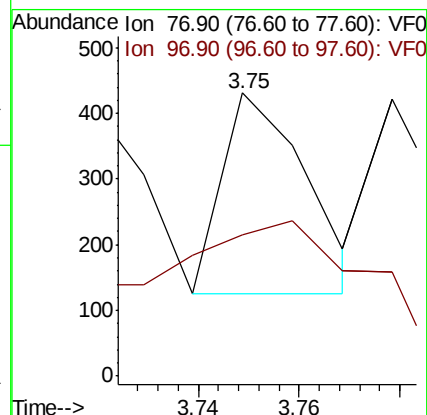
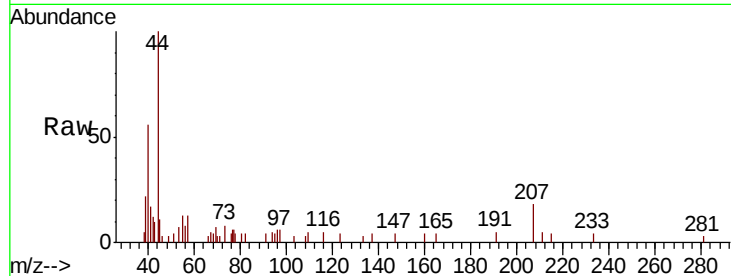
ClientSampleId :

Tot Ion: 77 Resp: 356

Ion Ratio Lower Upper

77 100

97 205.1 11.1 33.3#



#27

cis-1,2-Dichloroethene

Concen: 0.594 ug/l

RT: 3.62 min Scan# 313

Delta R.T. -0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

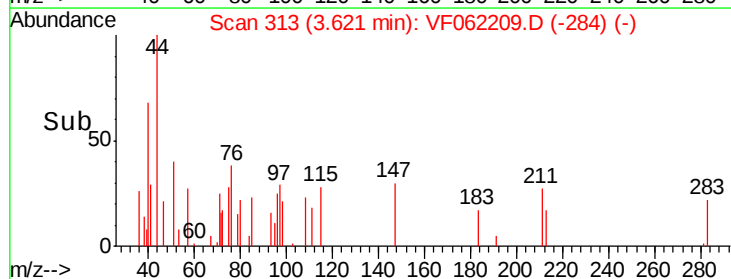
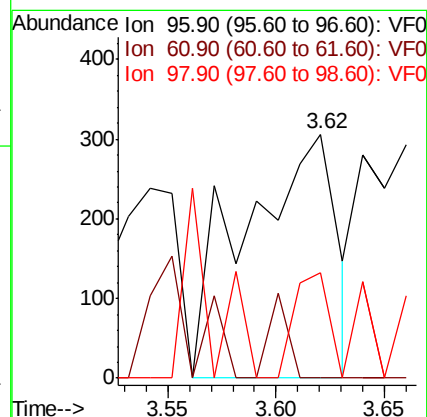
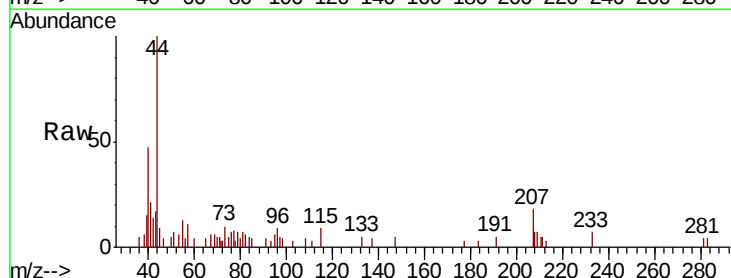
Tgt Ion: 96 Resp: 904

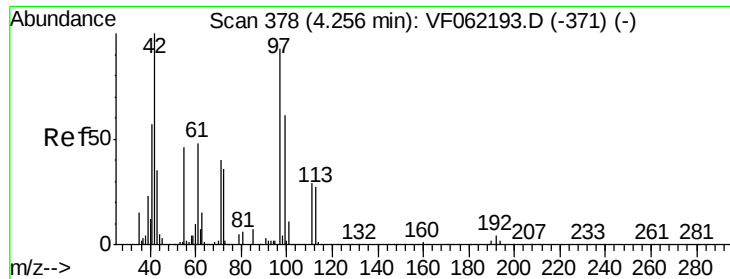
Ion Ratio Lower Upper

96 100

61 7.0 0.0 253.6

98 16.6 0.0 124.8

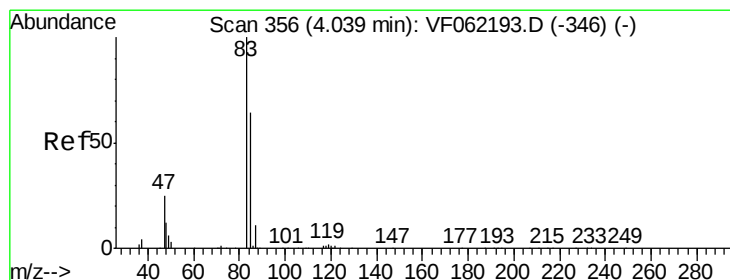
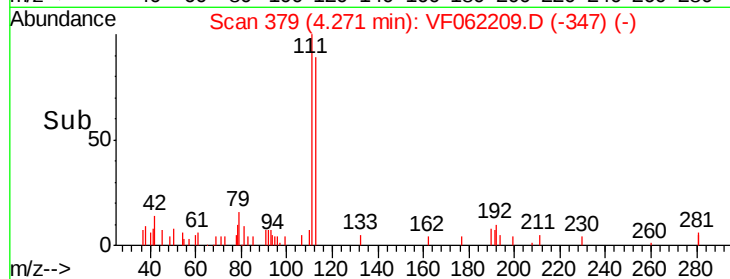
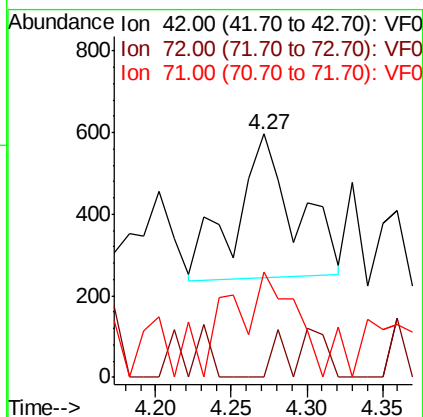
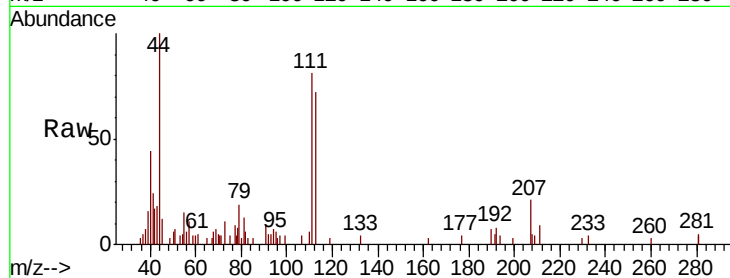




#29
Tetrahydrofuran
Concen: 4.576 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

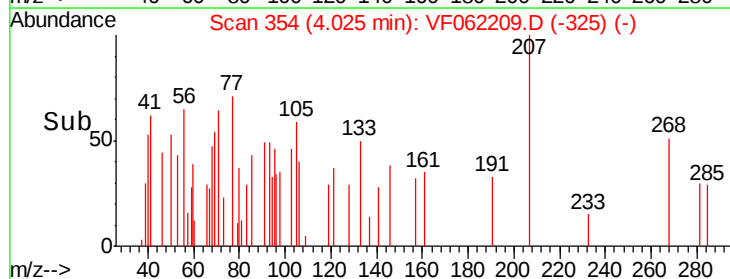
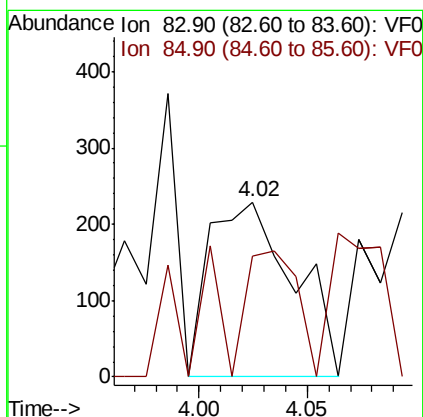
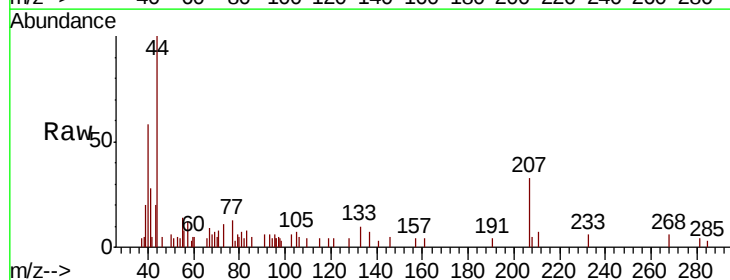
Instrument :
MSVOA_F
ClientSampleId :

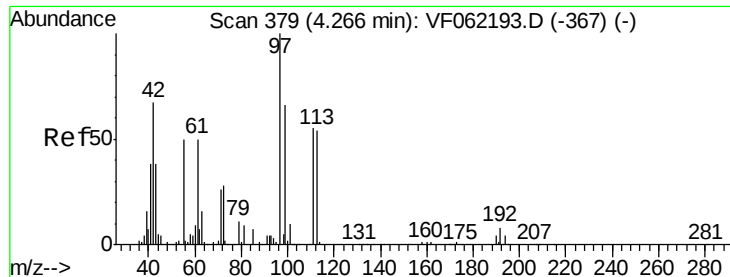
Tot Ion: 42 Resp: 969
Ion Ratio Lower Upper
42 100
72 0.0 28.6 43.0#
71 46.1 29.2 43.8#



#30
Chloroform
Concen: 0.265 ug/l
RT: 4.02 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 83 Resp: 622
Ion Ratio Lower Upper
83 100
85 69.0 51.8 77.8





#32

1,1,1-Trichloroethane

Concen: 0.221 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampleId :

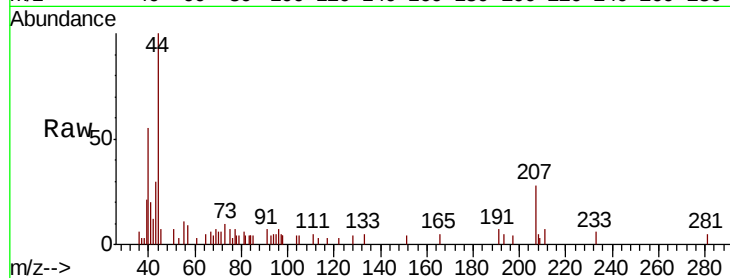
Tot Ion: 97 Resp: 379

Ion Ratio Lower Upper

97 100

99 0.0 52.7 79.1#

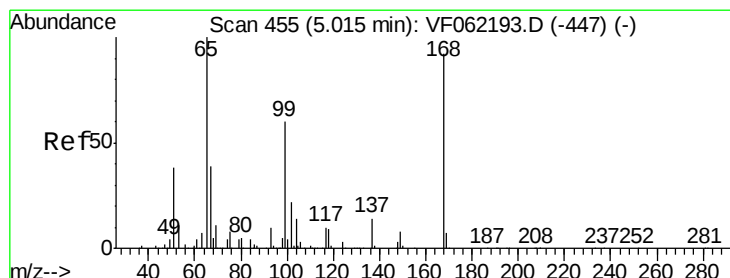
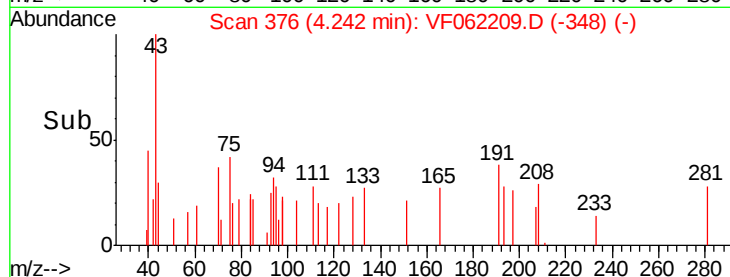
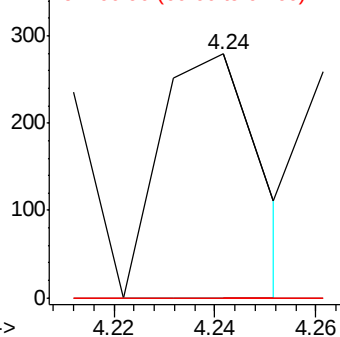
61 0.0 53.0 79.4#



Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 22.305 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF062209.D

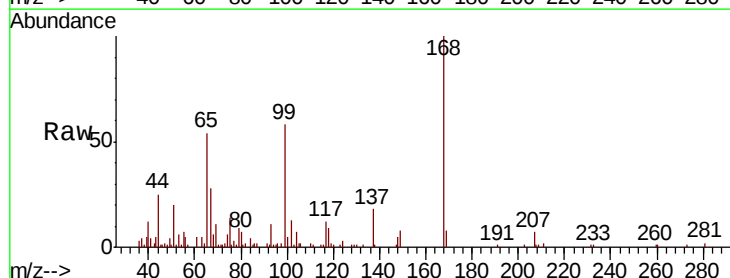
Acq: 18 Apr 2019 17:11

Tgt Ion: 65 Resp: 21833

Ion Ratio Lower Upper

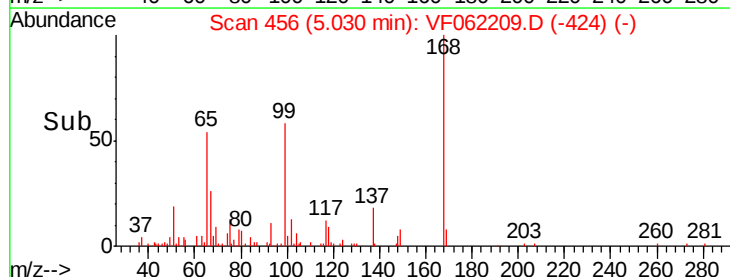
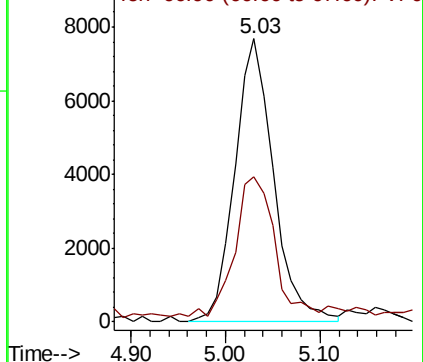
65 100

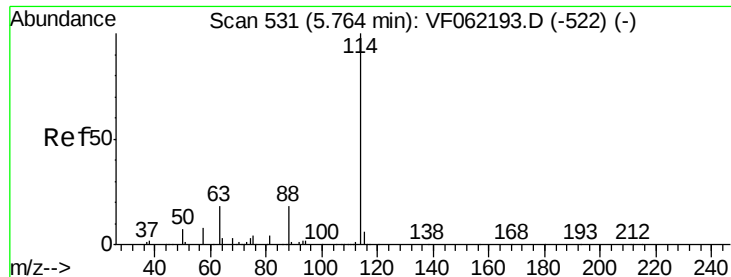
67 50.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampleId :

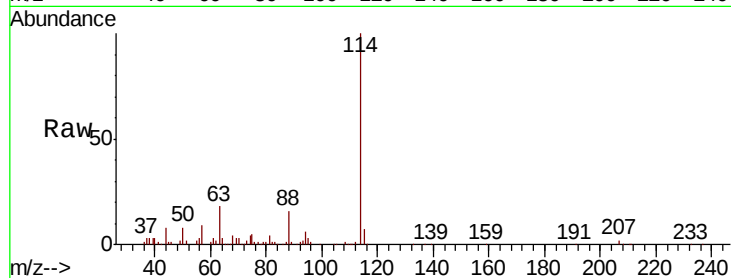
Tot Ion:114 Resp: 119166

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

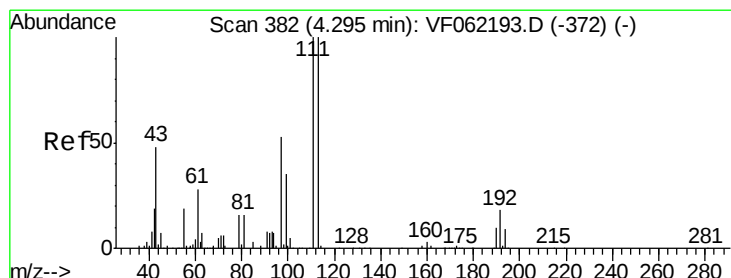
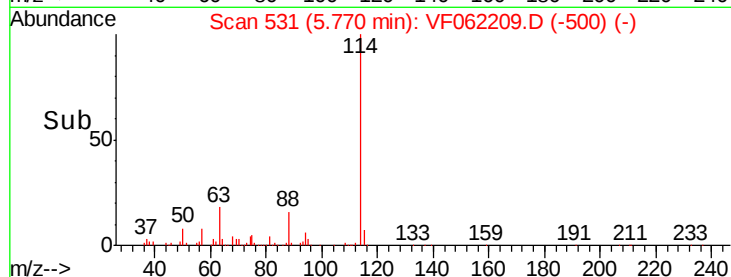
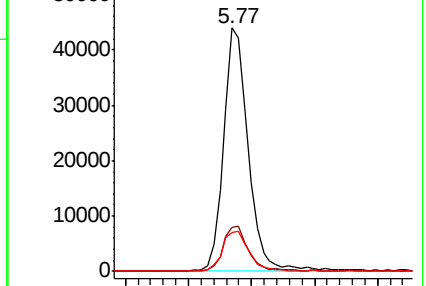
88 16.1 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 34.027 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

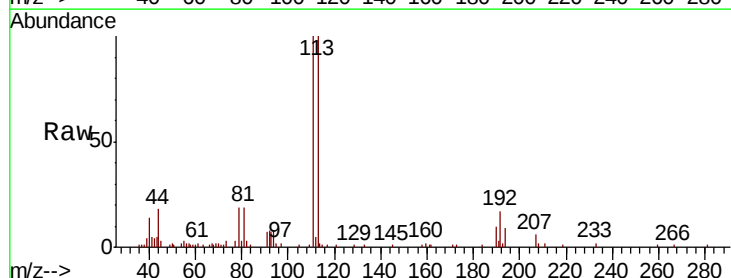
Tgt Ion:113 Resp: 35469

Ion Ratio Lower Upper

113 100

111 104.9 81.1 121.7

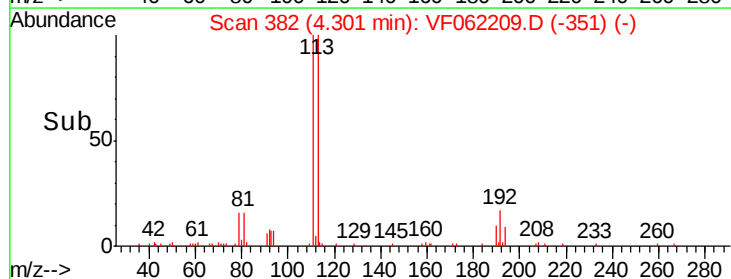
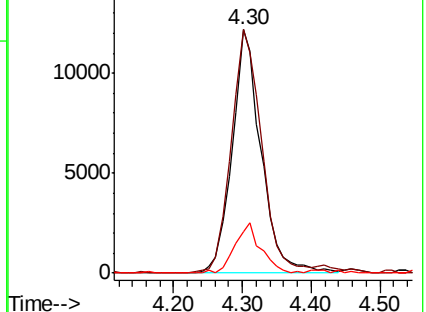
192 18.6 14.7 22.1

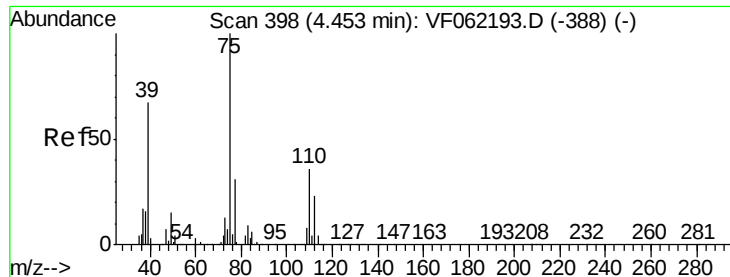


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.209 ug/l

RT: 4.44 min Scan# 396

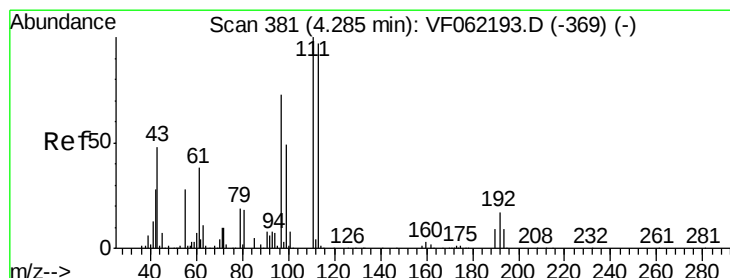
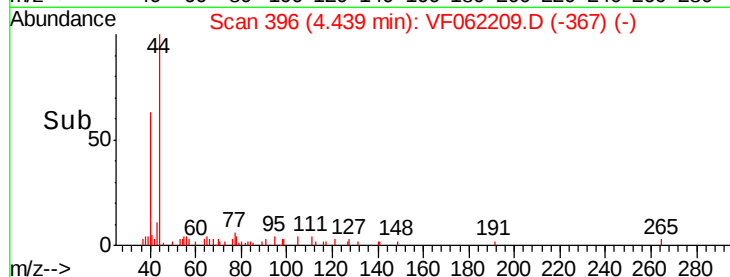
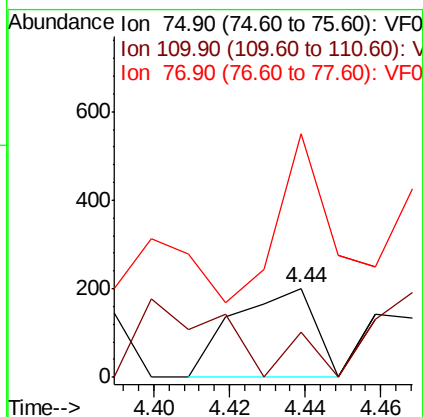
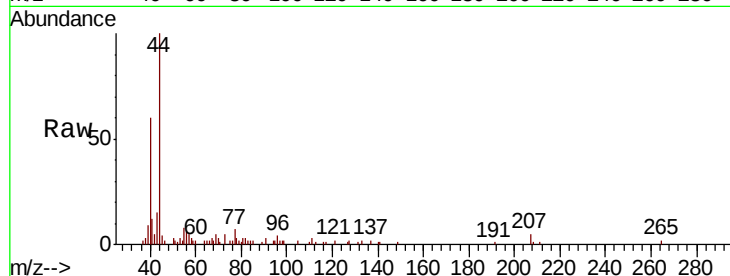
Delta R.T. -0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	75	Resp:	298
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.2#
77	127.5	25.4	38.2#



#37

Ethyl Acetate

Concen: 2.734 ug/l

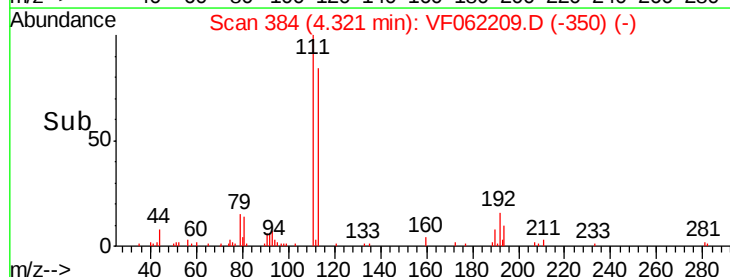
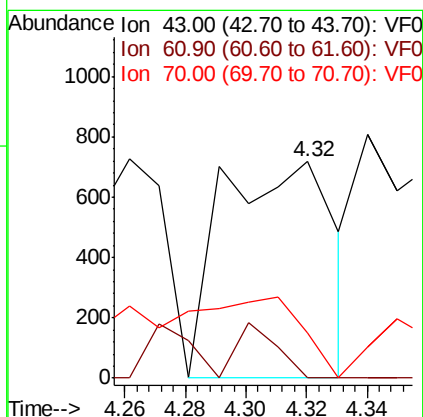
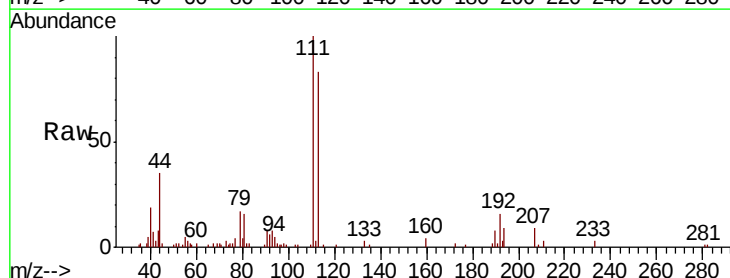
RT: 4.32 min Scan# 384

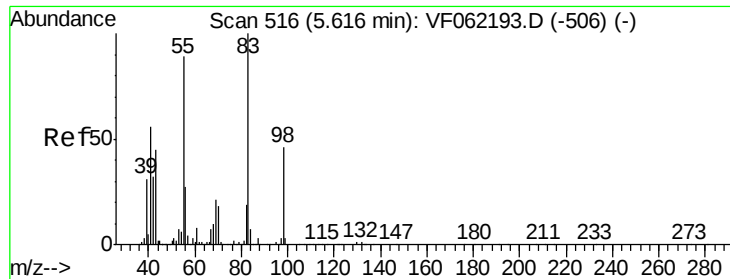
Delta R.T. 0.04 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion:	43	Resp:	1843
Ion	Ratio	Lower	Upper
43	100		
61	9.3	0.0	0.0#
70	29.1	7.8	11.6#

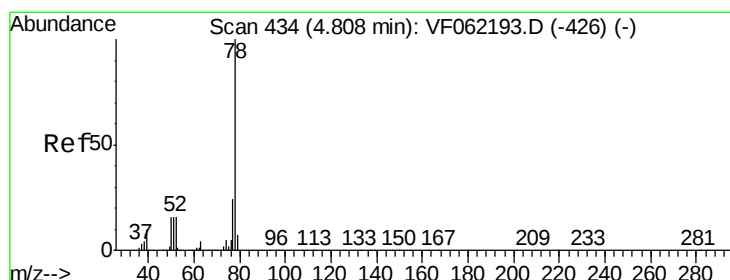
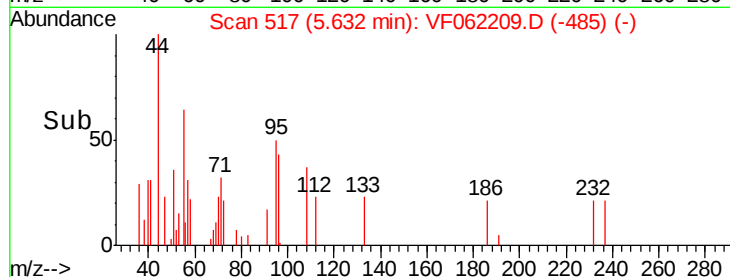
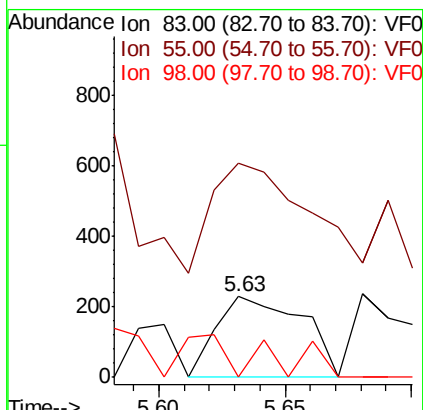
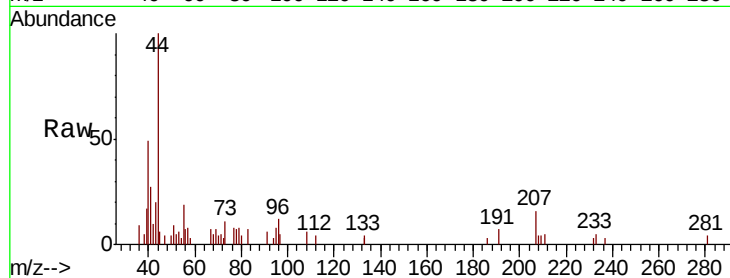




#39
Methylcyclohexane
Concen: 0.316 ug/l
RT: 5.63 min Scan# 517
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

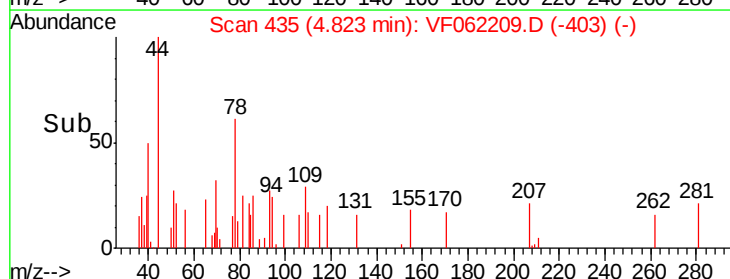
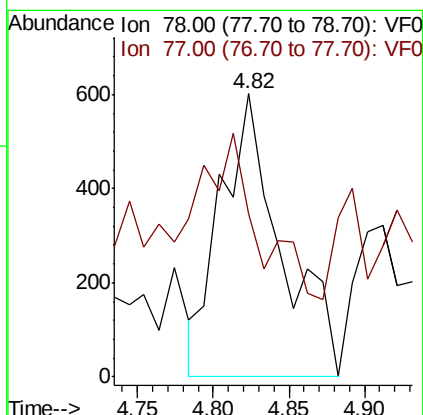
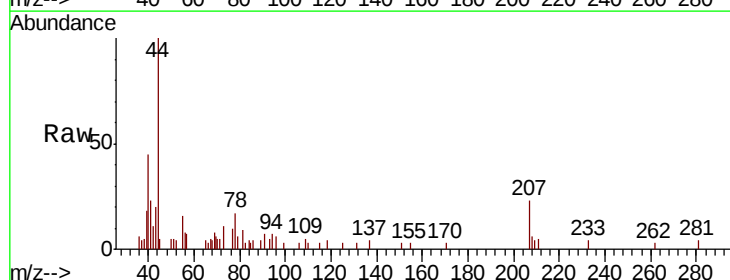
Instrument :
MSVOA_F
ClientSampleId :

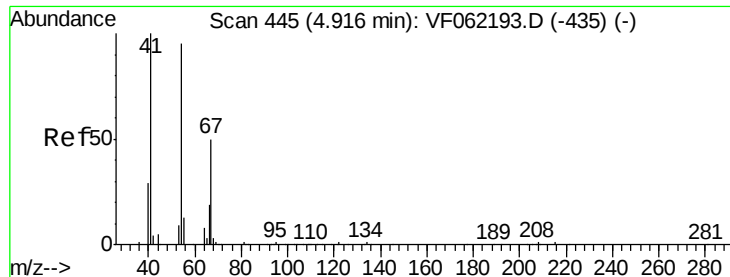
Tot Ion: 83 Resp: 541
Ion Ratio Lower Upper
83 100
55 136.7 71.0 106.6#
98 0.0 36.7 55.1#



#40
Benzene
Concen: 0.443 ug/l
RT: 4.82 min Scan# 435
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 78 Resp: 1661
Ion Ratio Lower Upper
78 100
77 2.0 18.9 28.3#

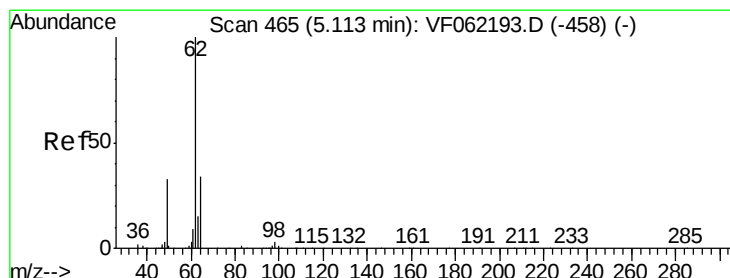
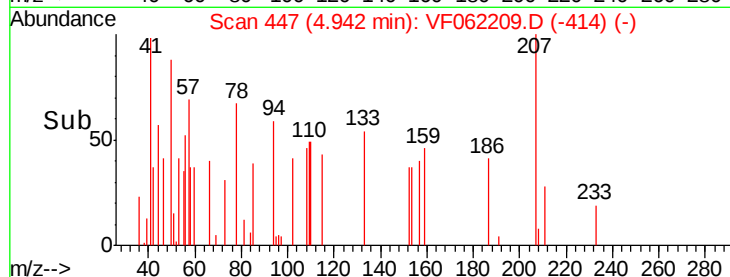
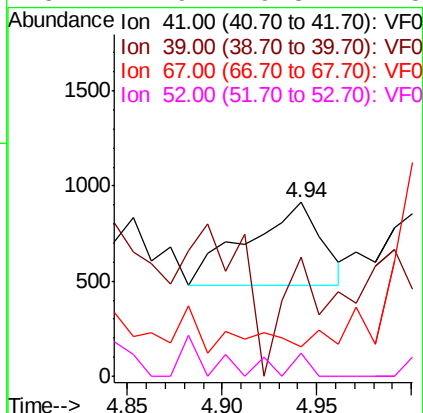
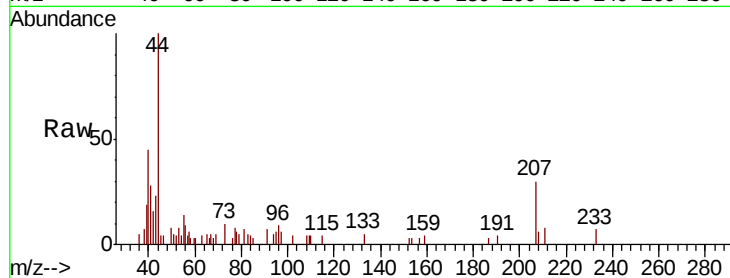




#41
Methacrylonitrile
Concen: 3.068 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.03 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

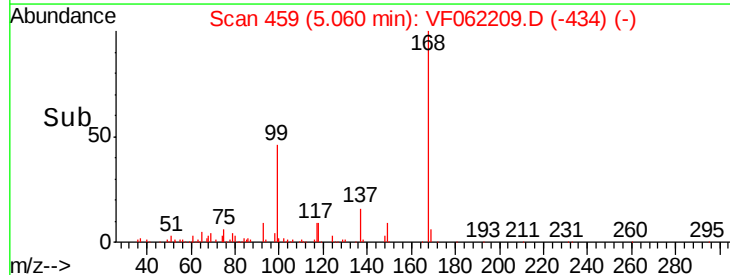
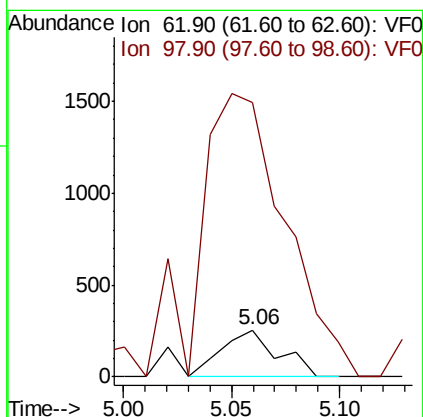
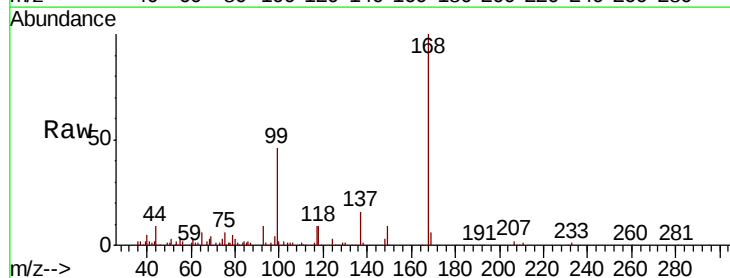
Instrument :
MSVOA_F
ClientSampled :

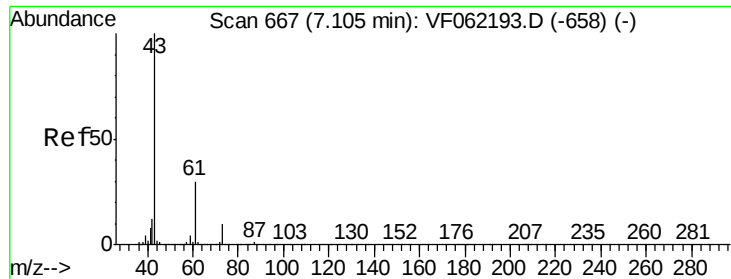
Tot Ion:	41	Resp:	1193
Ion	Ratio	Lower	Upper
41	100		
39	66.8	44.7	67.1
67	0.0	39.1	58.7#
52	4.9	49.8	74.8#



#42
1,2-Dichloroethane
Concen: 0.473 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.05 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion:	62	Resp:	469
Ion	Ratio	Lower	Upper
62	100		
98	982.5	0.0	19.0#





#43

Isopropyl Acetate

Concen: 0.900 ug/l

RT: 7.11 min Scan# 667

Delta R.T. 0.01 min

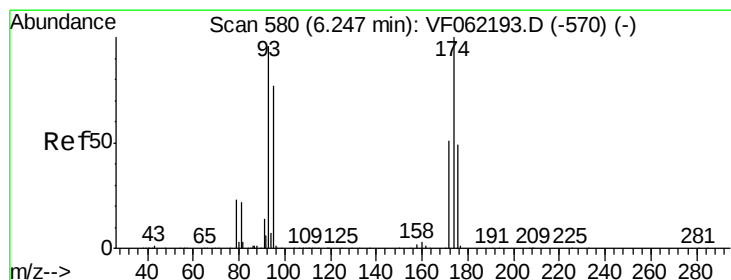
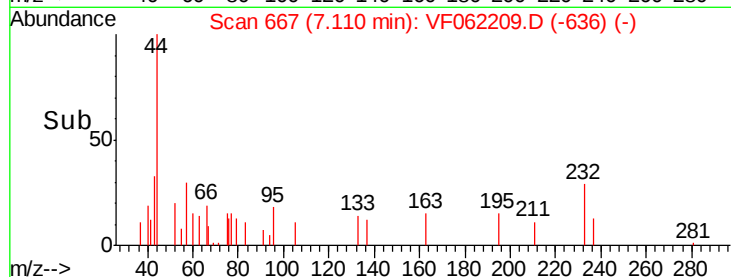
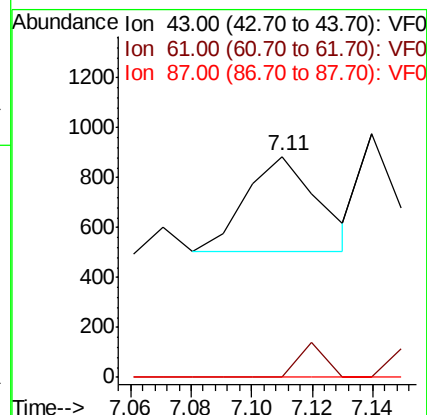
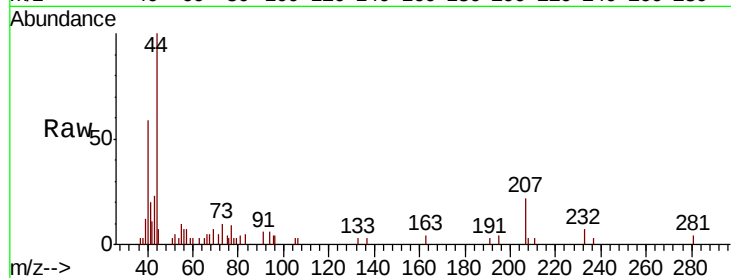
Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 638

Ion	Ratio	Lower	Upper
43	100		
61	13.0	24.4	36.6#
87	0.0	0.4	0.6#



#46

Dibromomethane

Concen: 0.701 ug/l

RT: 6.30 min Scan# 585

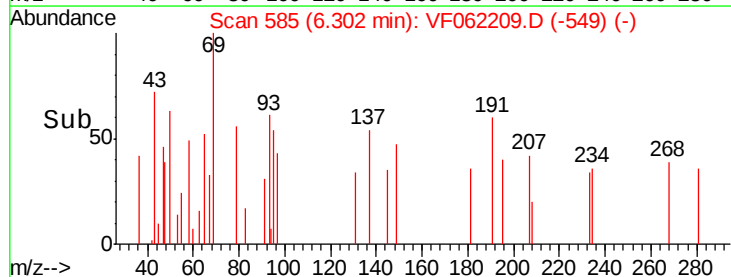
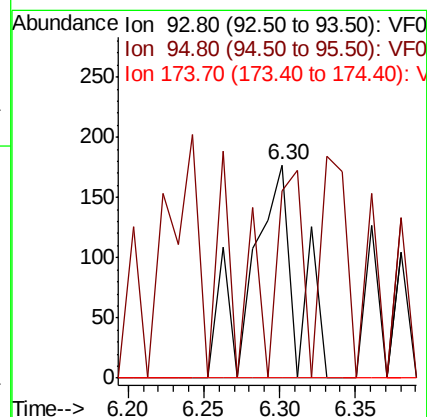
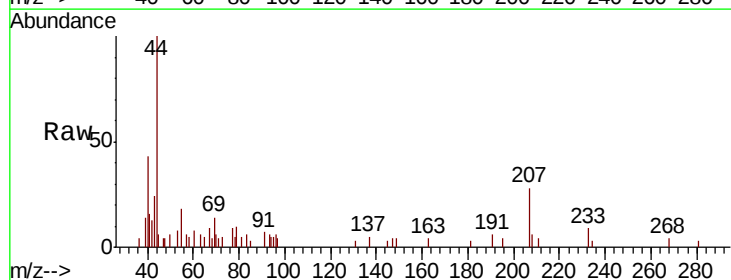
Delta R.T. 0.05 min

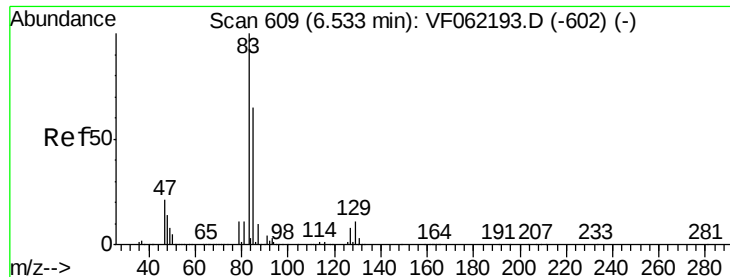
Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion: 93 Resp: 385

Ion	Ratio	Lower	Upper
93	100		
95	50.6	65.1	97.7#
174	0.0	81.8	122.6#





#47

Bromodichloromethane

Concen: 0.589 ug/l

RT: 6.56 min Scan# 611

Delta R.T. 0.03 min

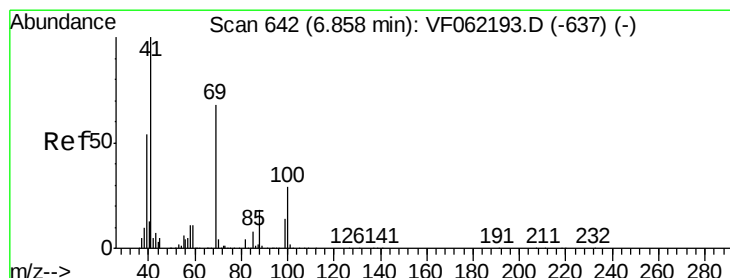
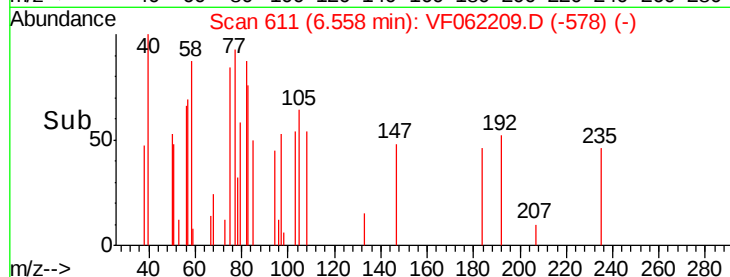
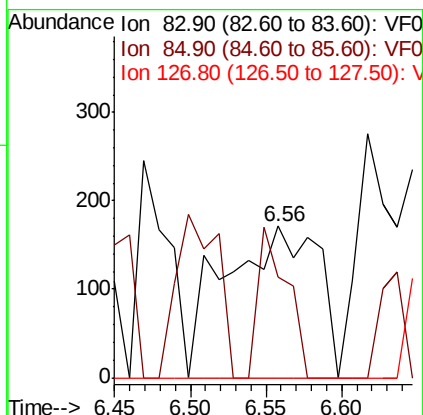
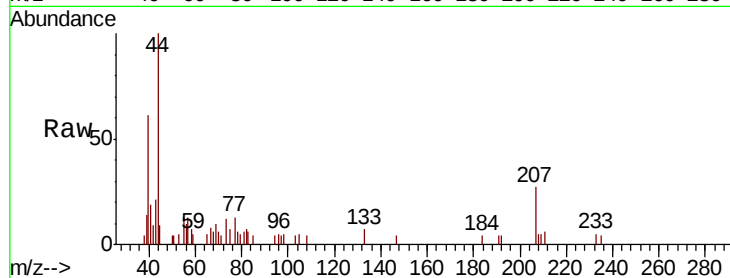
Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 83 Resp: 730

Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.2	78.4
127	0.0	6.7	10.1#



#48

Methyl methacrylate

Concen: 2.245 ug/l

RT: 6.85 min Scan# 641

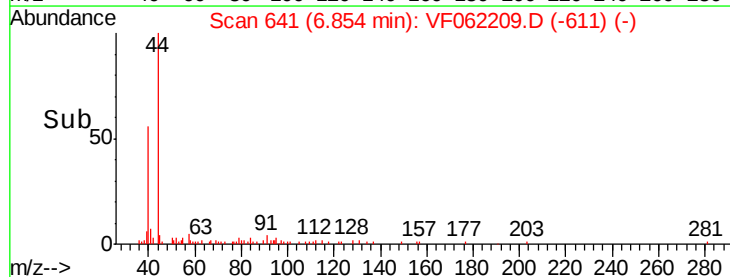
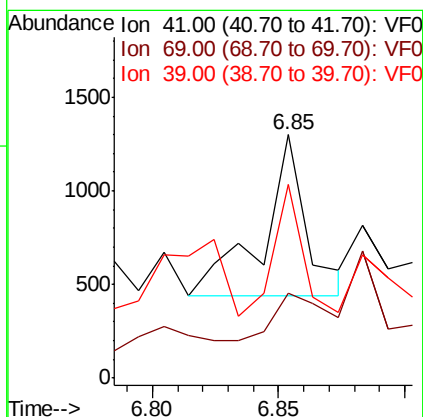
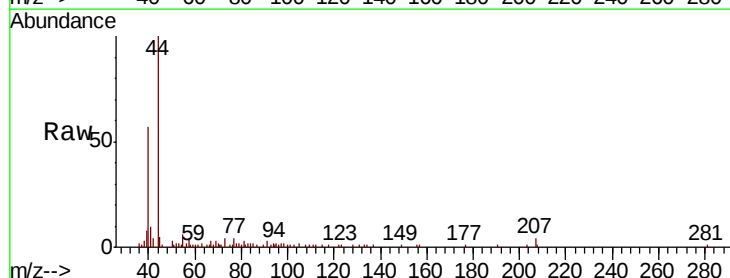
Delta R.T. -0.00 min

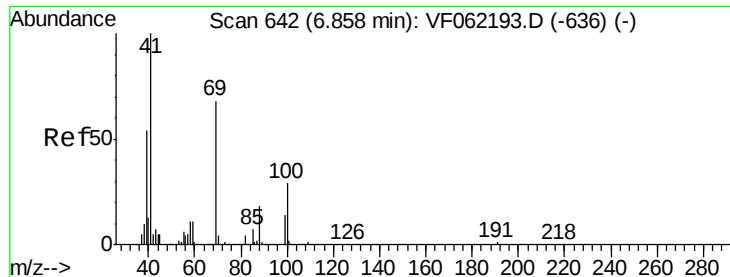
Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion: 41 Resp: 1046

Ion	Ratio	Lower	Upper
41	100		
69	0.0	54.9	82.3#
39	53.3	43.6	65.4





#49

1,4-Dioxane

Concen: 27.693 ug/l

RT: 6.87 min Scan# 643

Delta R.T. 0.02 min

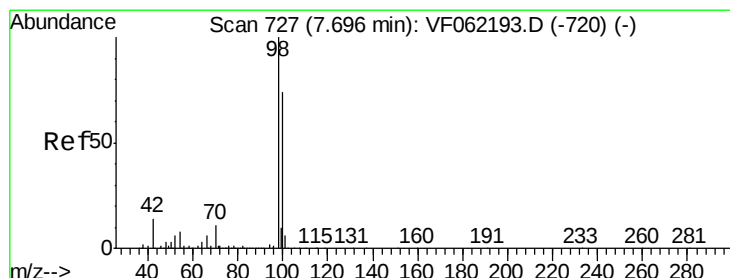
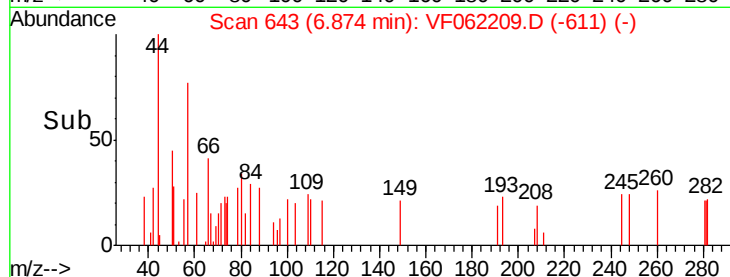
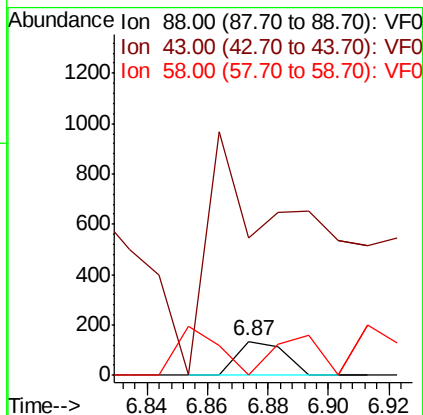
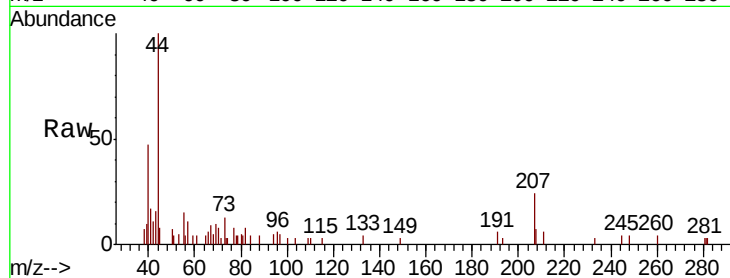
Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 88 Resp: 148

Ion	Ratio	Lower	Upper
88	100		
43	0.0	36.9	55.3#
58	112.8	56.8	85.2#



#50

Toluene-d8

Concen: 39.199 ug/l

RT: 7.71 min Scan# 728

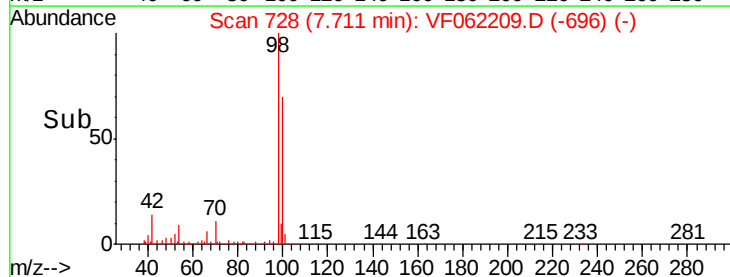
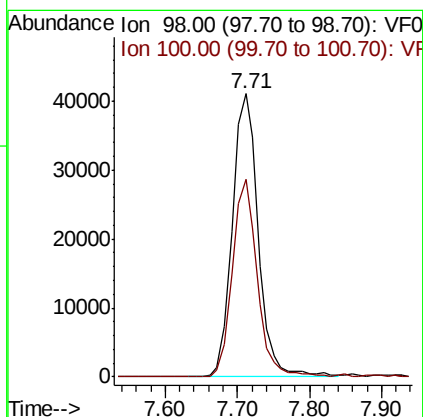
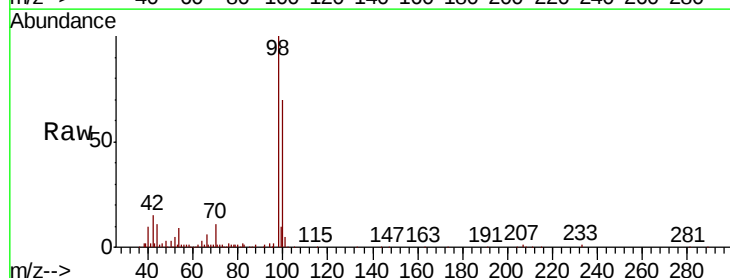
Delta R.T. 0.02 min

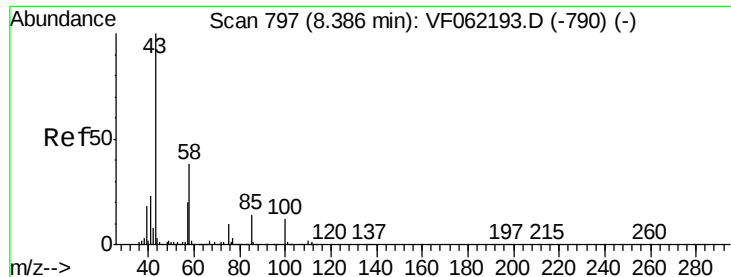
Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion: 98 Resp: 103433

Ion	Ratio	Lower	Upper
98	100		
100	66.8	56.2	84.2





#51

4-Methyl-2-Pentanone

Concen: 4.262 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

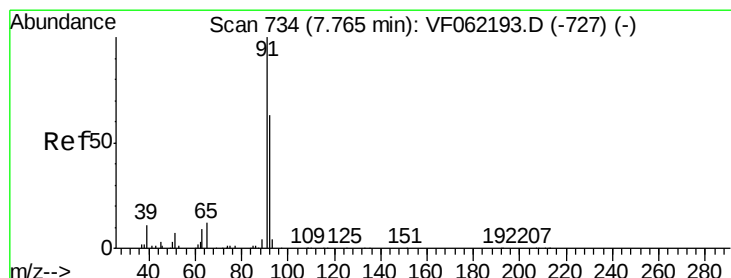
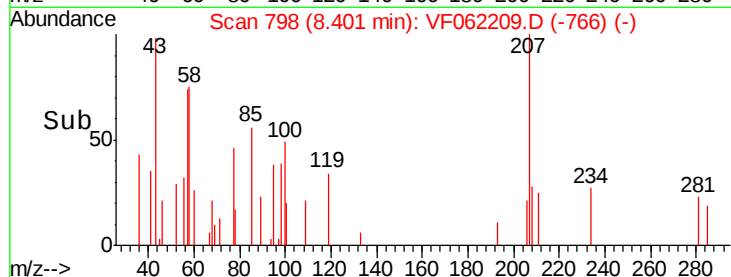
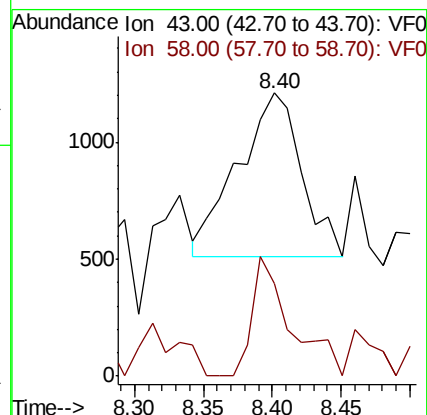
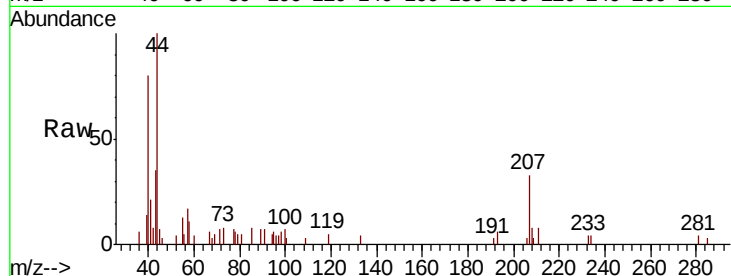
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 2248

Ion Ratio Lower Upper

43 100

58 44.3 29.3 43.9#



#52

Toluene

Concen: 2.253 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.02 min

Lab File: VF062209.D

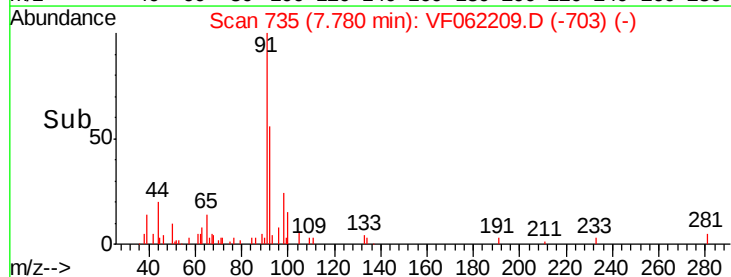
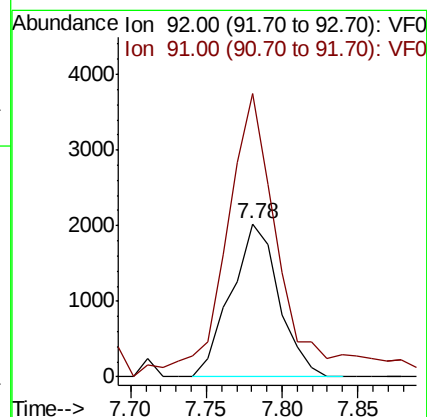
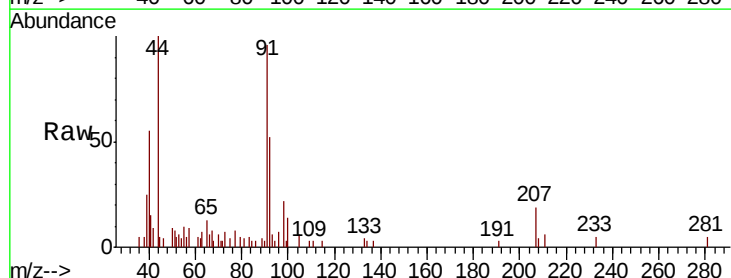
Acq: 18 Apr 2019 17:11

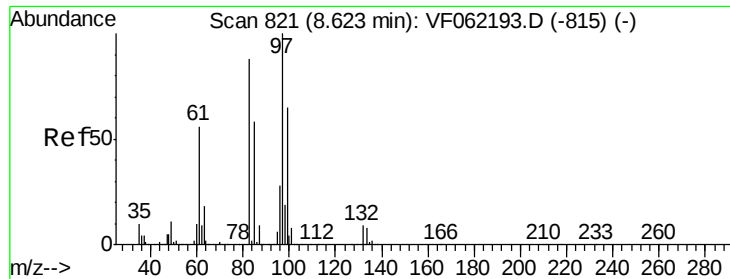
Tgt Ion: 92 Resp: 4451

Ion Ratio Lower Upper

92 100

91 209.9 130.1 195.1#





#55

1,1,2-Trichloroethane

Concen: 0.802 ug/l

RT: 8.60 min Scan# 818

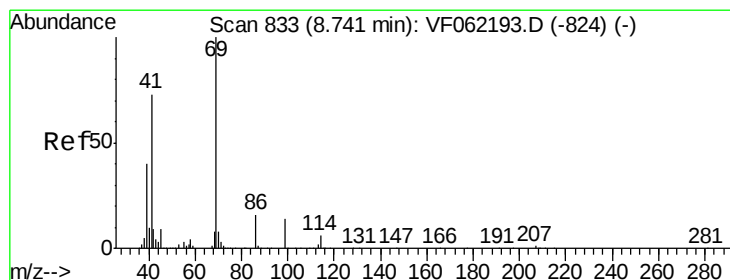
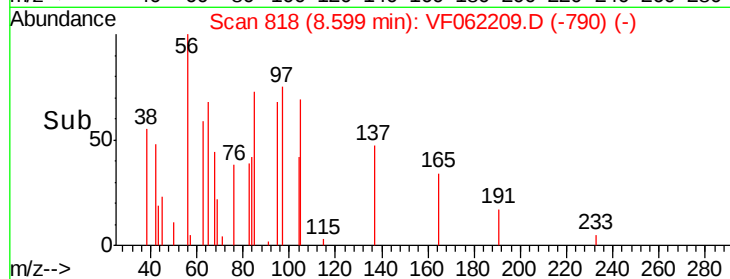
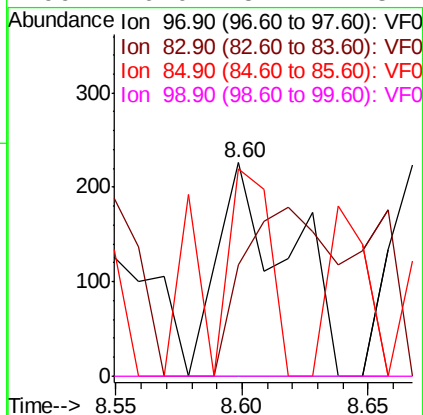
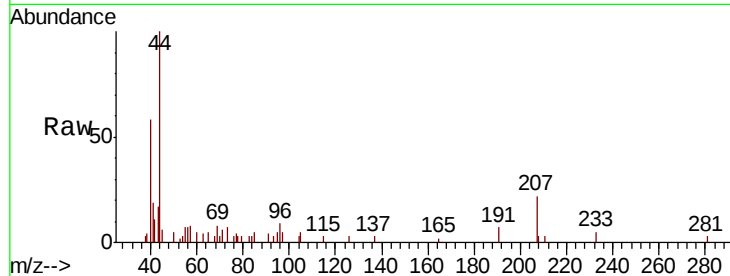
Delta R.T. -0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	97	Resp:	444
Ion	Ratio	Lower	Upper
97	100		
83	52.2	70.2	105.2#
85	17.7	46.2	69.4#
99	0.0	52.2	78.4#



#56

Ethyl methacrylate

Concen: 0.997 ug/l

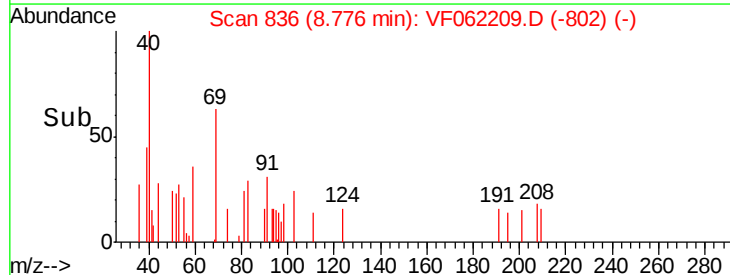
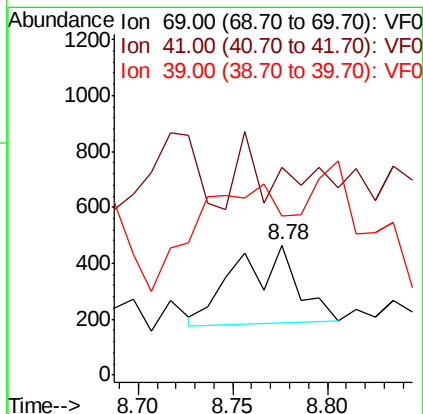
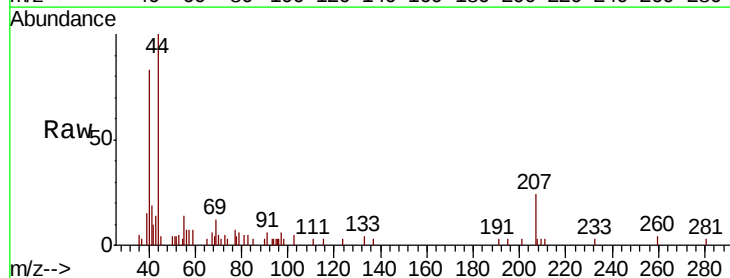
RT: 8.78 min Scan# 836

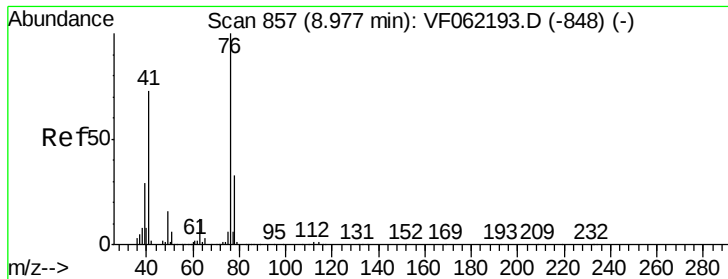
Delta R.T. 0.04 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion:	69	Resp:	627
Ion	Ratio	Lower	Upper
69	100		
41	50.2	61.5	92.3#
39	190.0	33.3	49.9#





#57

1,3-Dichloropropane

Concen: 0.306 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.04 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

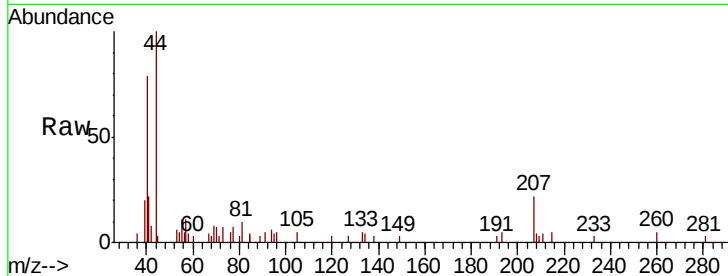
ClientSampled :

Tot Ion: 76 Resp: 273

Ion Ratio Lower Upper

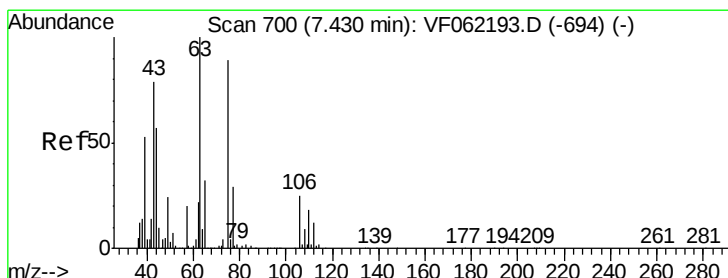
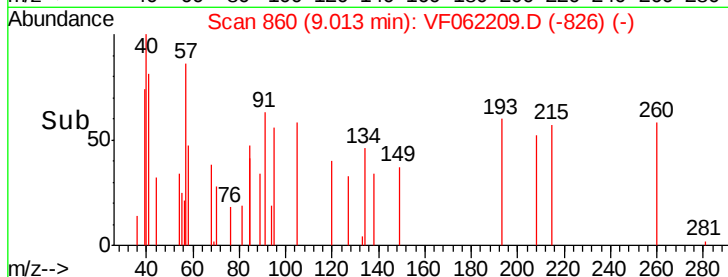
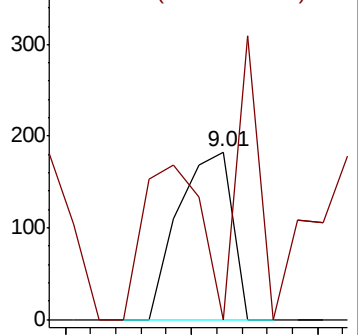
76 100

78 113.2 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 1.807 ug/l

RT: 7.56 min Scan# 713

Delta R.T. 0.13 min

Lab File: VF062209.D

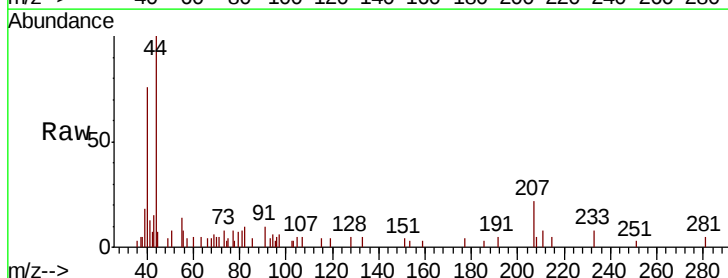
Acq: 18 Apr 2019 17:11

Tgt Ion: 63 Resp: 330

Ion Ratio Lower Upper

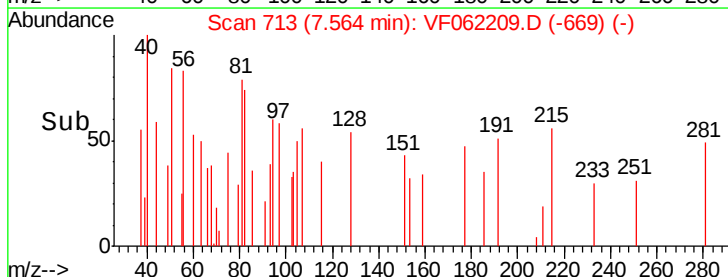
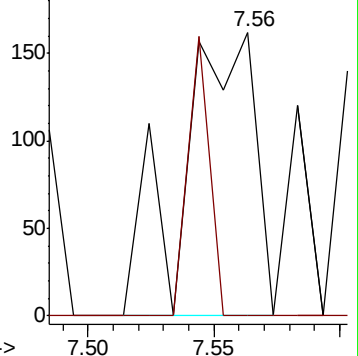
63 100

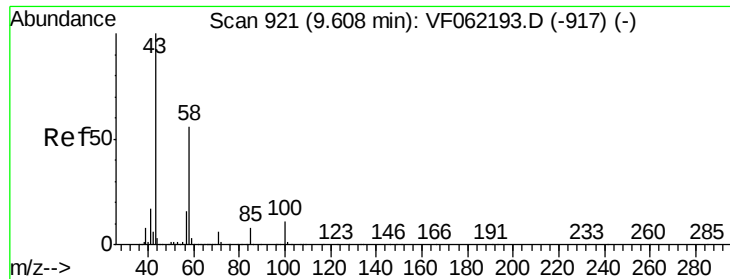
106 28.8 21.4 32.0



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

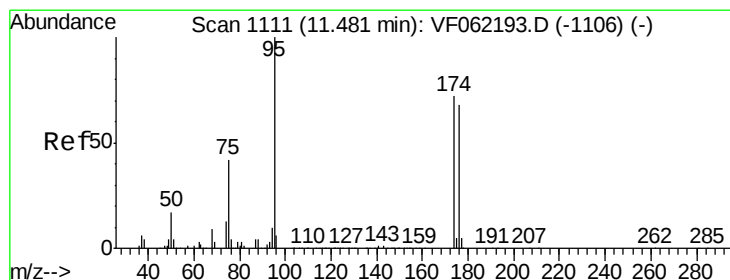
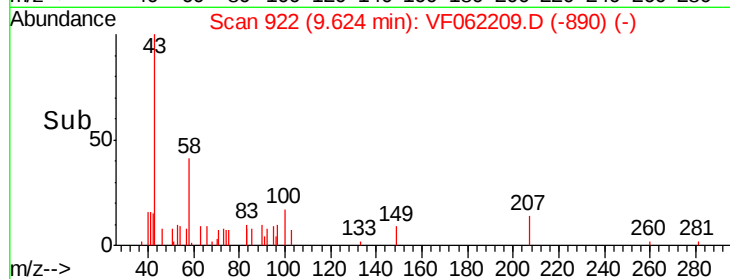
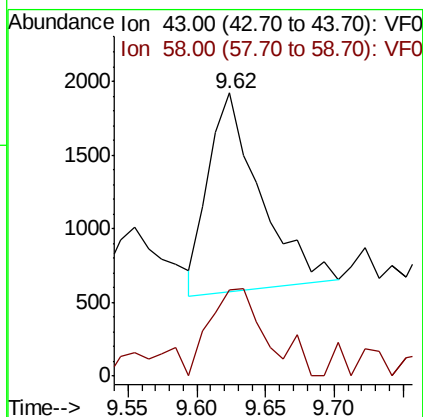
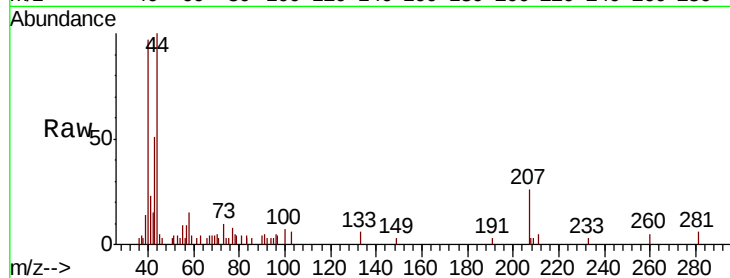




#59
2-Hexanone
Concen: 10.822 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

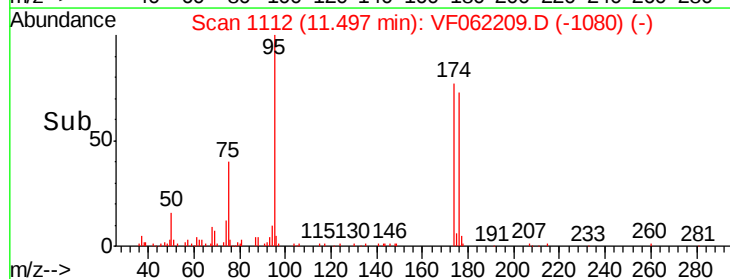
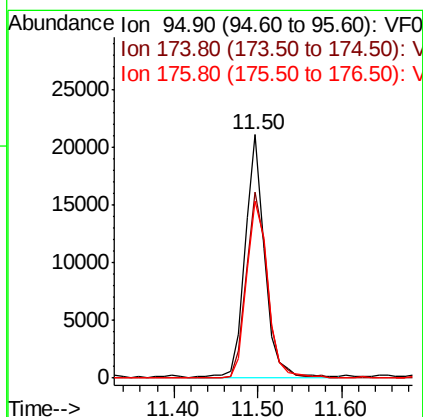
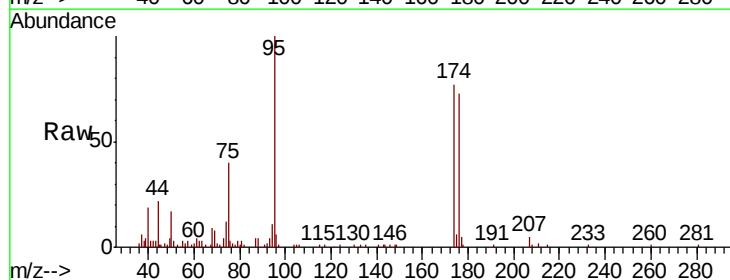
Instrument :
MSVOA_F
ClientSampleId :

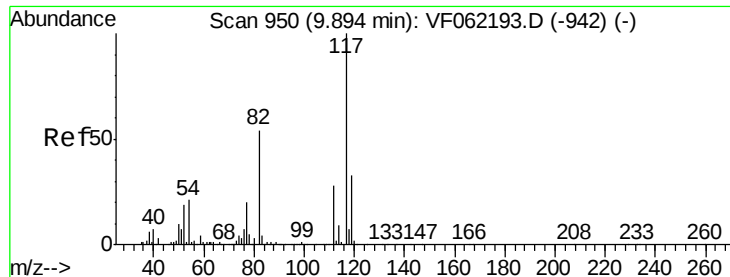
Tot Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
58 48.3 24.6 74.0



#62
4-Bromofluorobenzene
Concen: 34.116 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 95 Resp: 34630
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 79.0 0.0 155.4

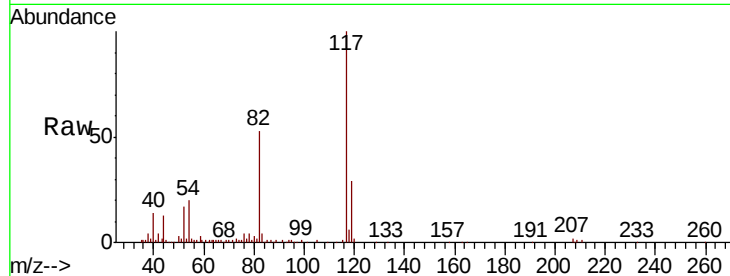




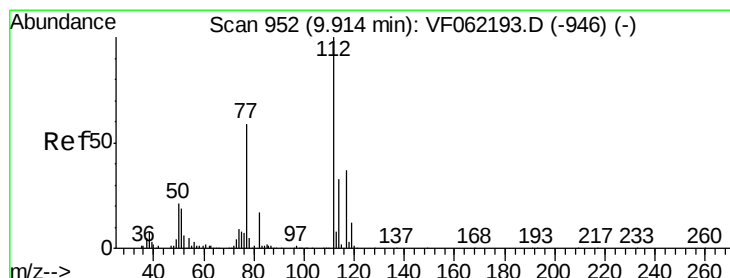
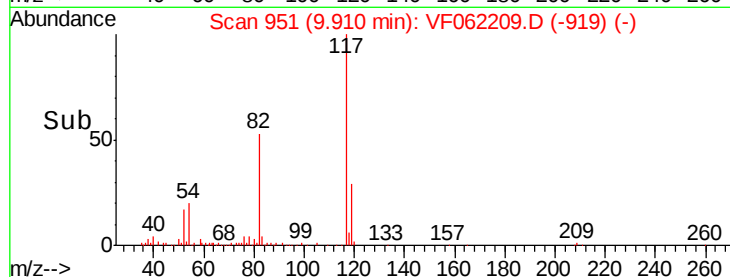
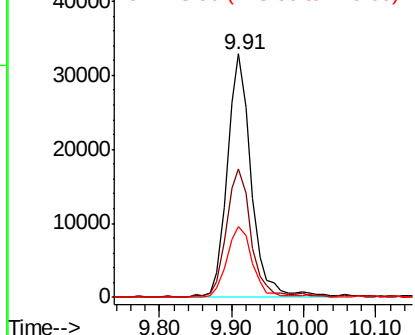
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:117 Resp: 76288
Ion Ratio Lower Upper
117 100
82 52.6 43.2 64.8
119 29.1 26.2 39.4

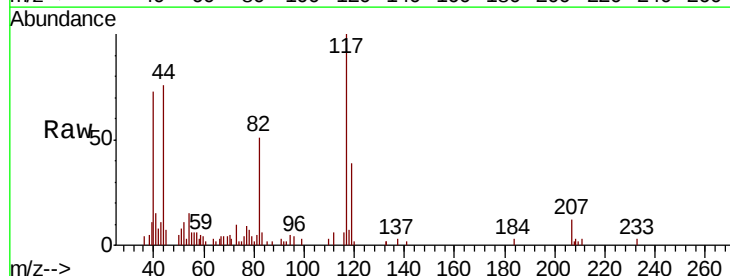


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

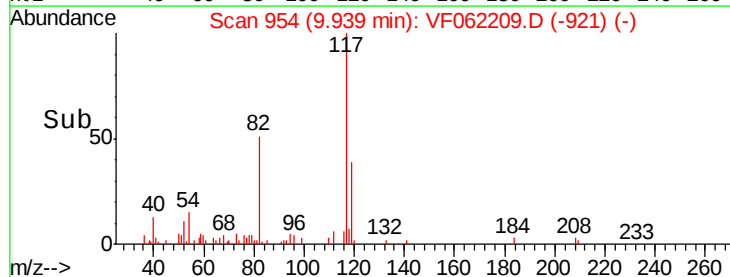
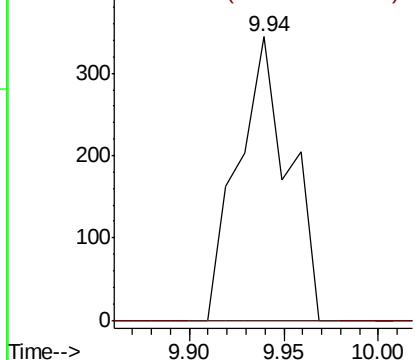


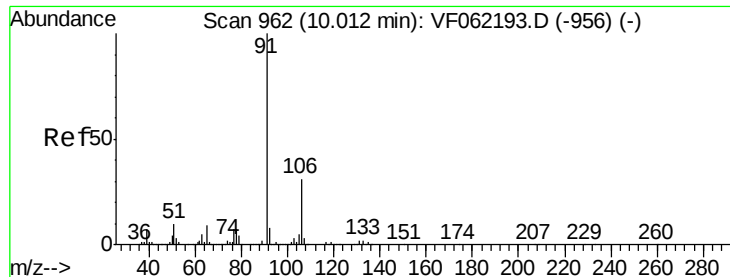
#65
Chlorobenzene
Concen: 0.394 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion:112 Resp: 641
Ion Ratio Lower Upper
112 100
114 0.0 26.1 39.1#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

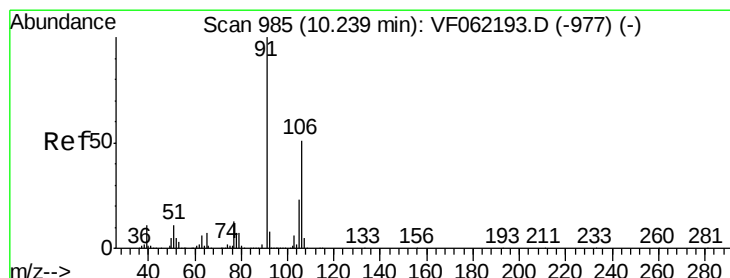
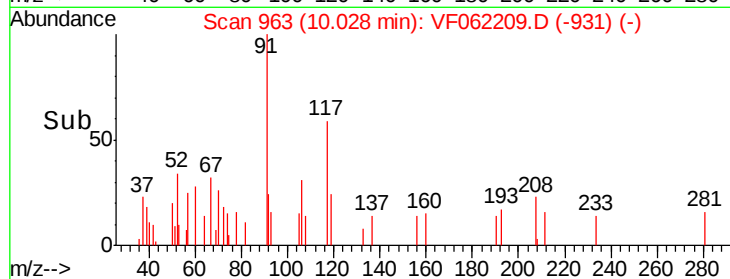
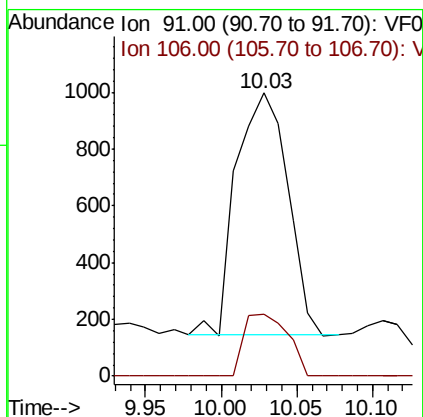
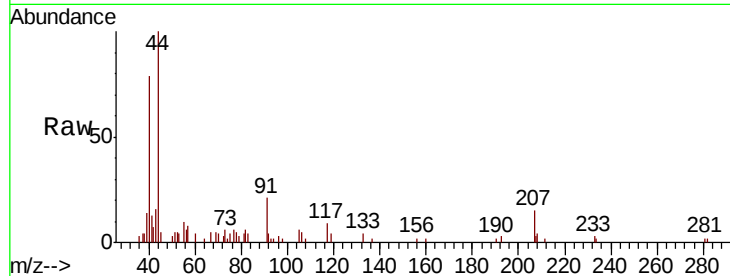




#67
Ethyl Benzene
Concen: 0.681 ug/l
RT: 10.03 min Scan# 963
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

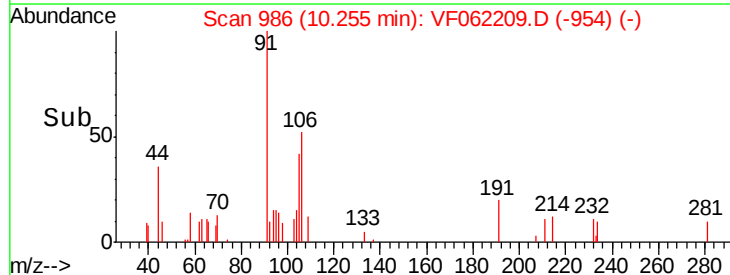
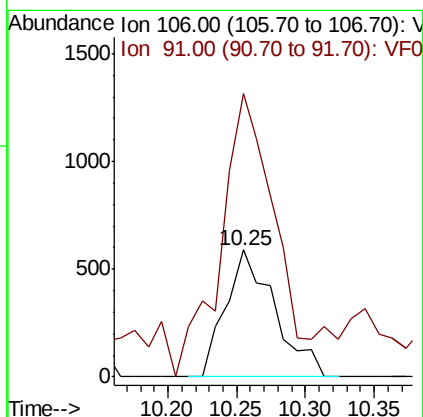
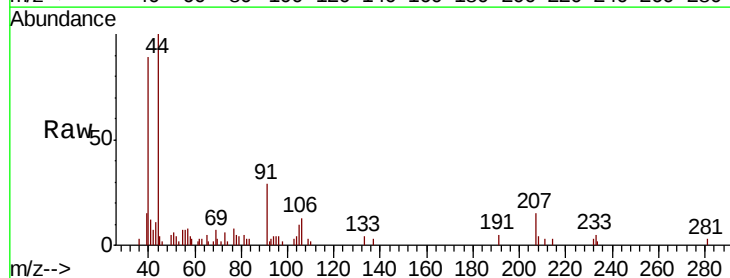
Instrument :
MSVOA_F
ClientSampleId :

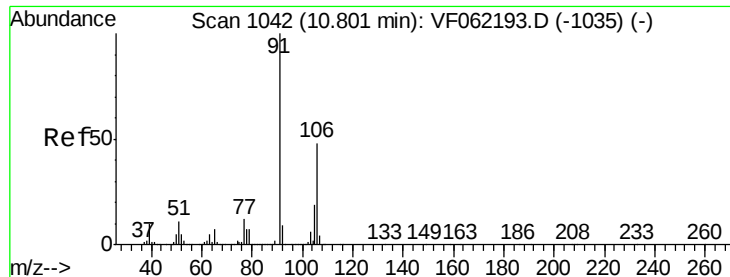
Tot Ion: 91 Resp: 2015
Ion Ratio Lower Upper
91 100
106 25.9 24.9 37.3



#68
m/p-Xylenes
Concen: 1.333 ug/l
RT: 10.25 min Scan# 986
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 106 Resp: 1451
Ion Ratio Lower Upper
106 100
91 247.2 159.1 238.7#

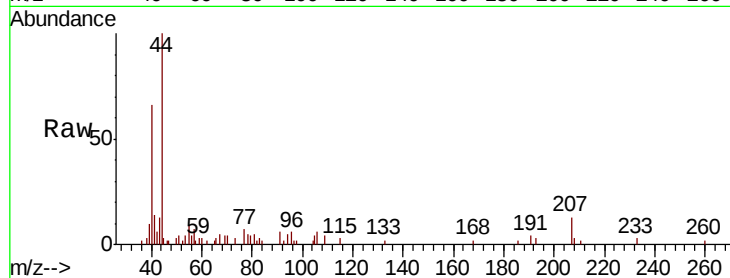




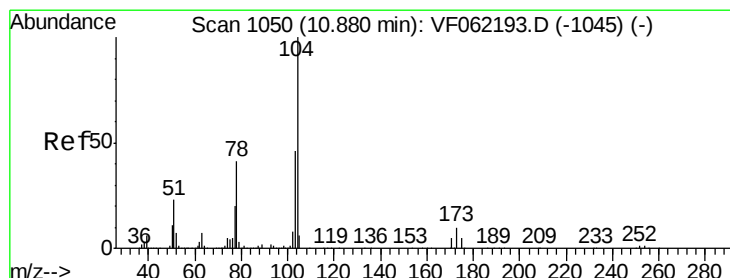
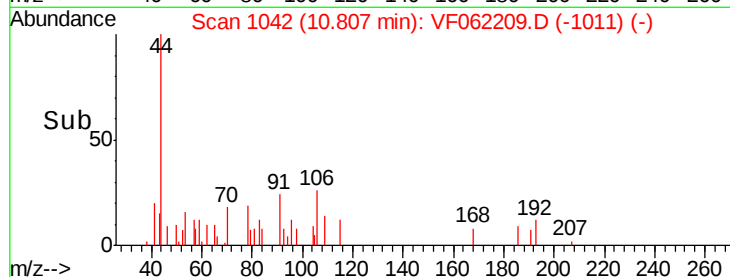
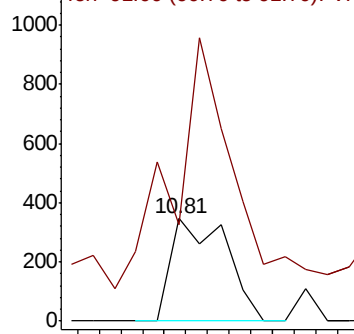
#69
o-Xylene
Concen: 0.506 ug/l
RT: 10.81 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:106 Resp: 612
Ion Ratio Lower Upper
106 100
91 344.4 107.5 322.4#

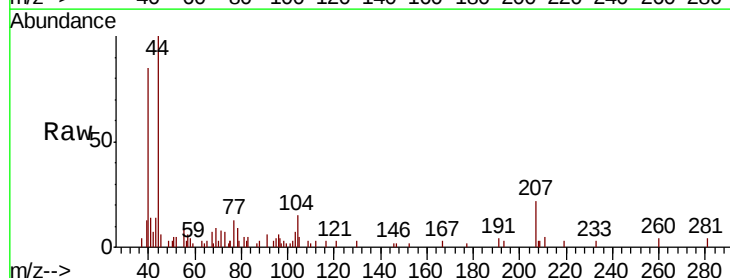


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

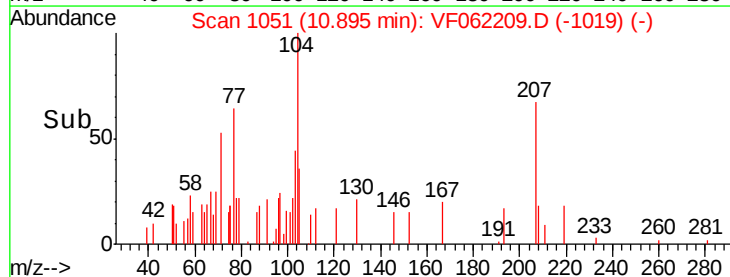
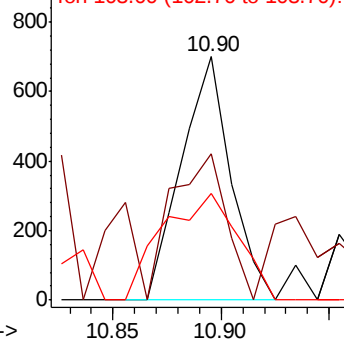


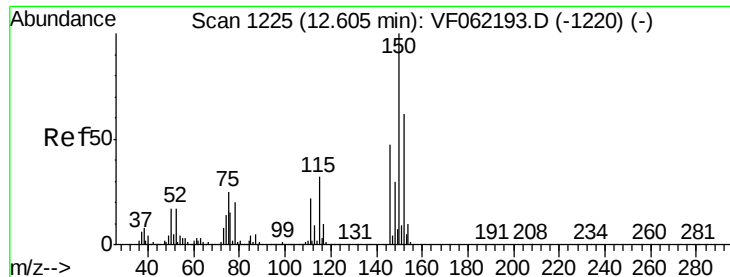
#70
Styrene
Concen: 0.656 ug/l
RT: 10.90 min Scan# 1051
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion:104 Resp: 1120
Ion Ratio Lower Upper
104 100
78 66.2 34.5 51.7#
103 66.6 37.2 55.8#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampleId :

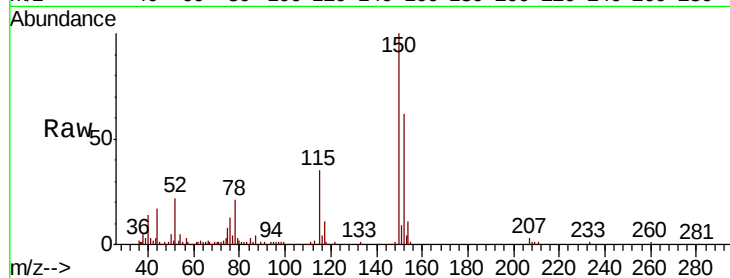
Tot Ion:152 Resp: 32872

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.3

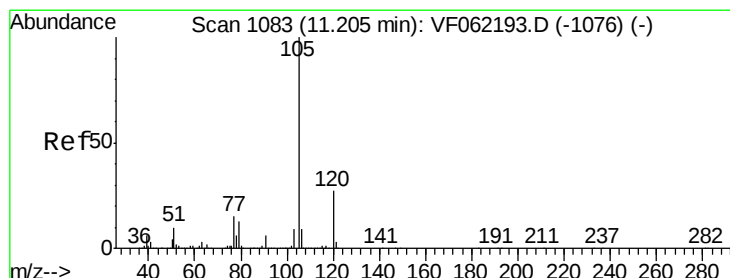
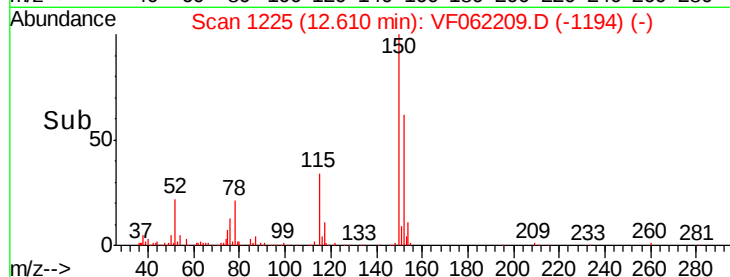
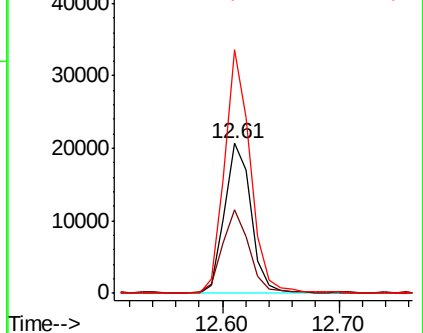
150 158.0 0.0 341.8



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



#73

Isopropylbenzene

Concen: 0.804 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.02 min

Lab File: VF062209.D

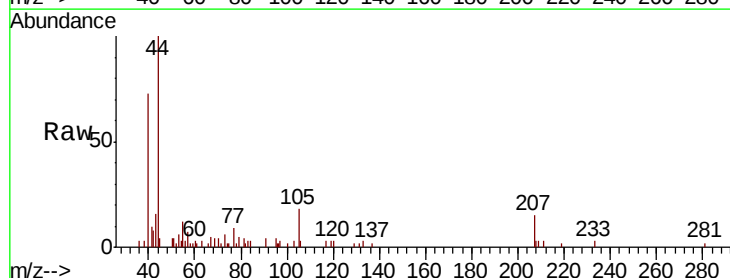
Acq: 18 Apr 2019 17:11

Tgt Ion:105 Resp: 2270

Ion Ratio Lower Upper

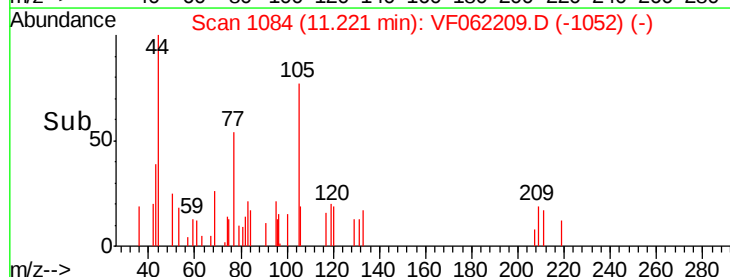
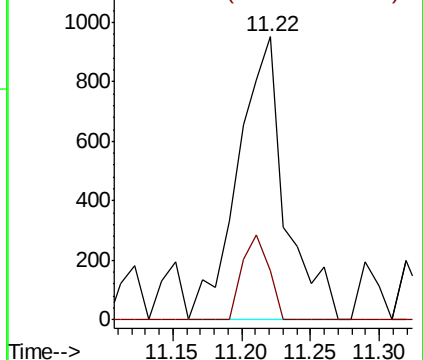
105 100

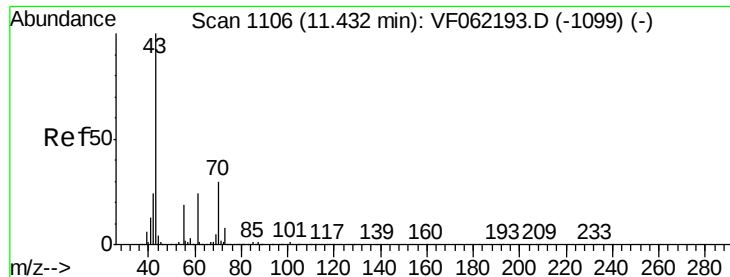
120 17.1 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.909 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. 0.03 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 43 Resp: 2054

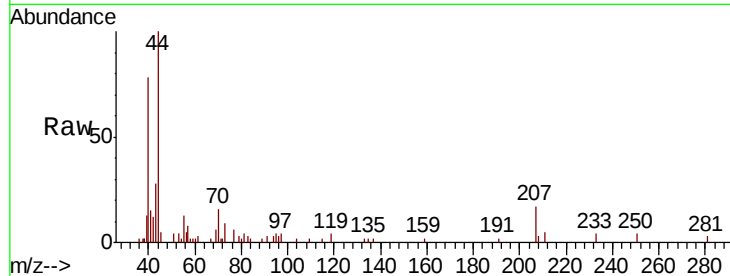
Ion Ratio Lower Upper

43 100

70 44.6 27.0 40.4#

55 28.9 15.7 23.5#

61 20.5 20.8 31.2#

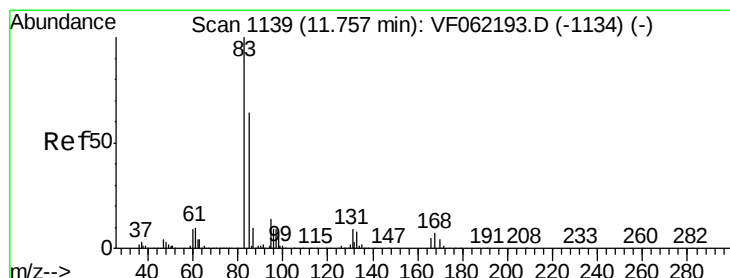
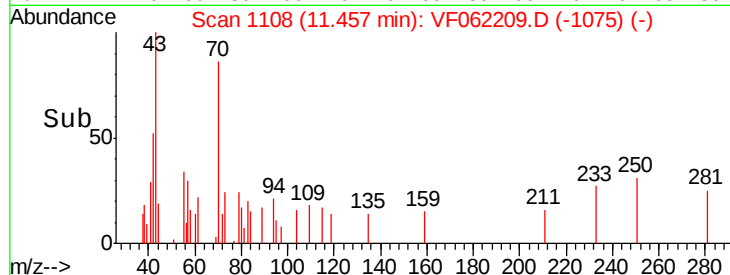
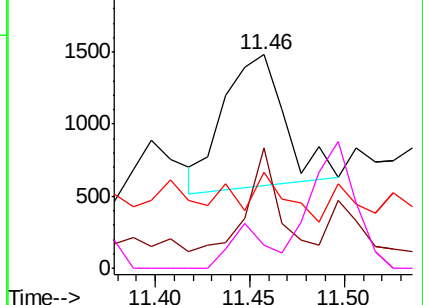


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.651 ug/l

RT: 11.74 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

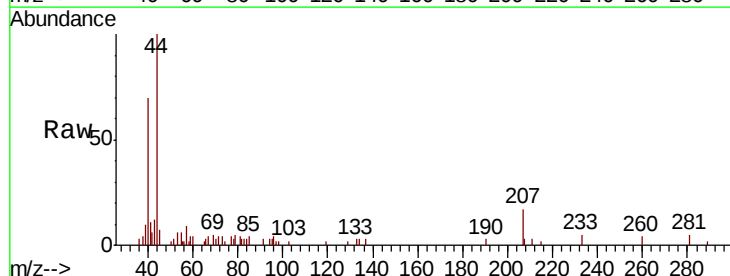
Tgt Ion: 83 Resp: 316

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

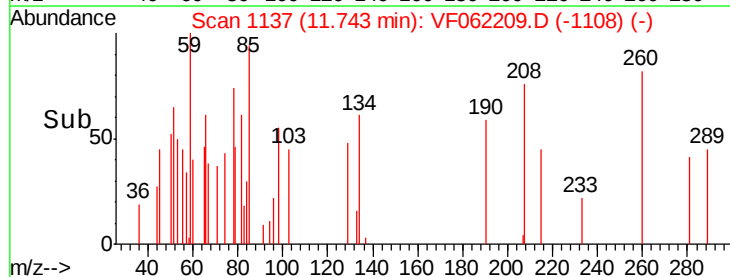
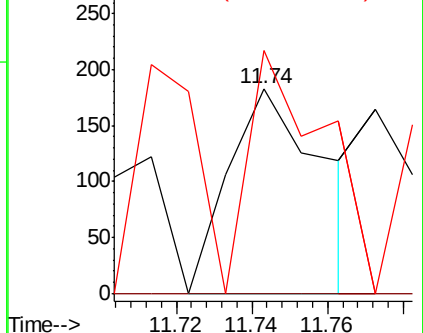
85 95.9 34.7 104.1

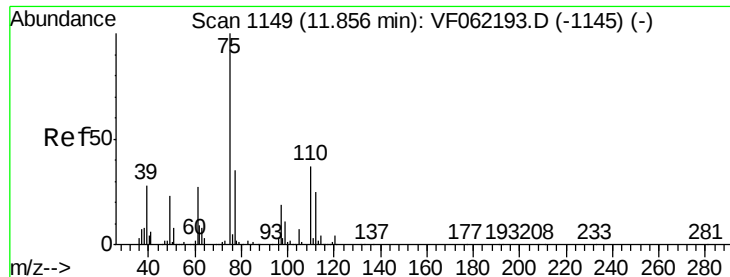


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0





#76

1,2,3-Trichloropropane

Concen: 1.512 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

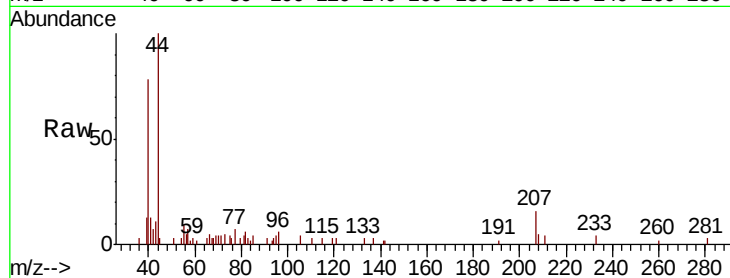
ClientSampleId :

Tot Ion: 75 Resp: 505

Ion Ratio Lower Upper

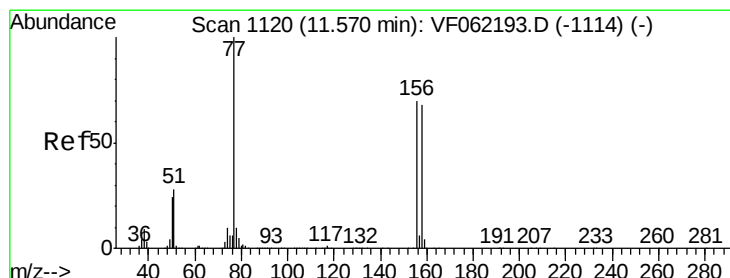
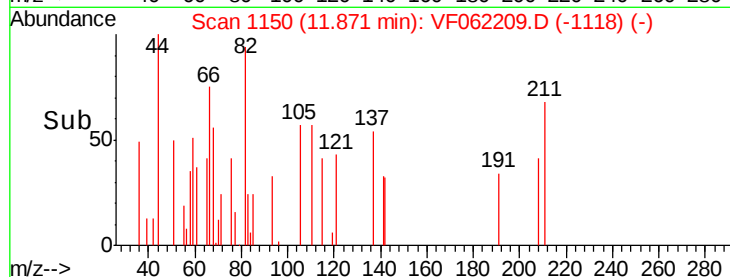
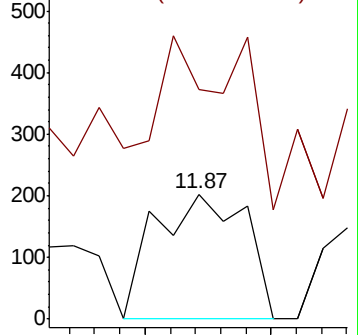
75 100

77 125.0 7.4 22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



#77

Bromobenzene

Concen: 0.388 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

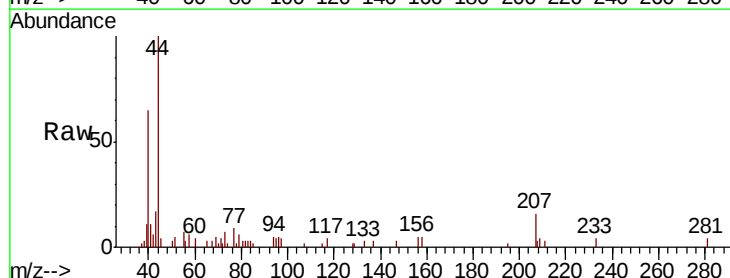
Tgt Ion: 156 Resp: 235

Ion Ratio Lower Upper

156 100

77 252.8 80.9 242.7#

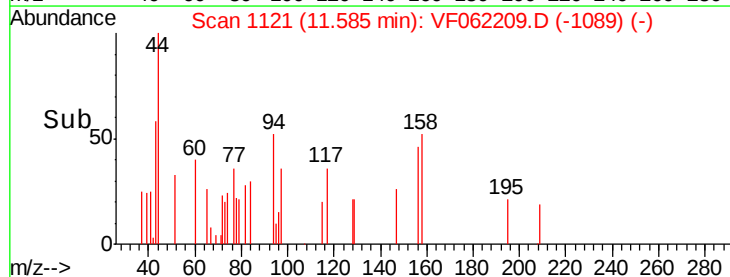
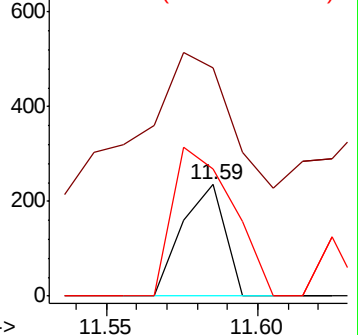
158 187.2 49.8 149.4#

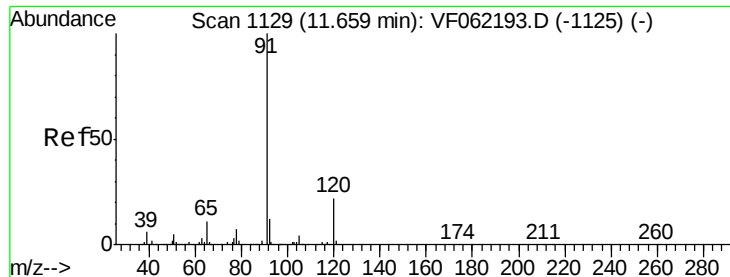


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.895 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

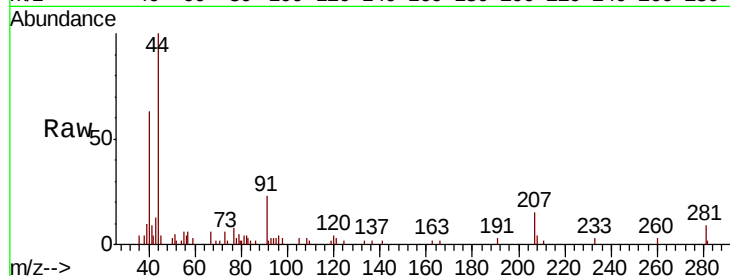
ClientSampled :

Tot Ion: 91 Resp: 2667

Ion Ratio Lower Upper

91 100

120 20.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

1500

11.66

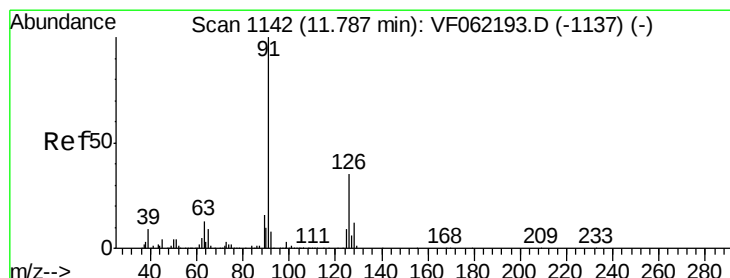
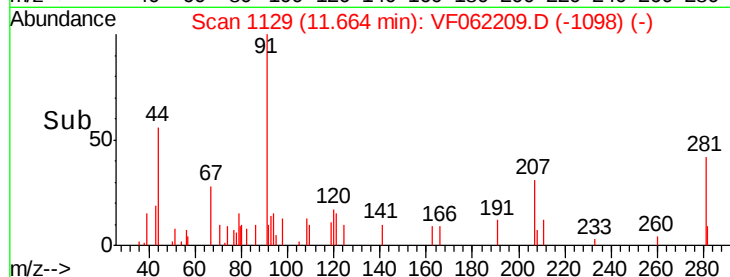
1000

500

0

11.60 11.65 11.70

Time-->



#79

2-Chlorotoluene

Concen: 0.652 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VF062209.D

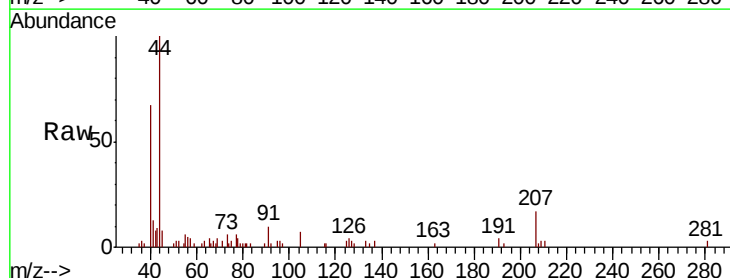
Acq: 18 Apr 2019 17:11

Tgt Ion: 91 Resp: 1178

Ion Ratio Lower Upper

91 100

126 24.1 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

600

11.79

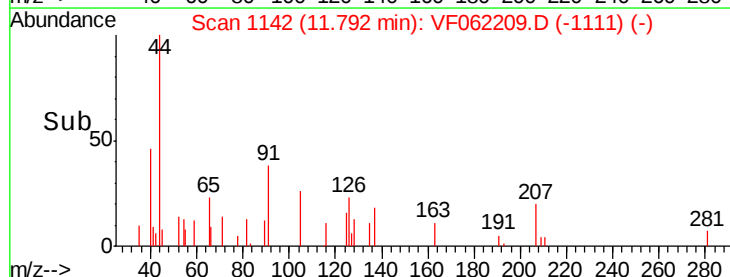
400

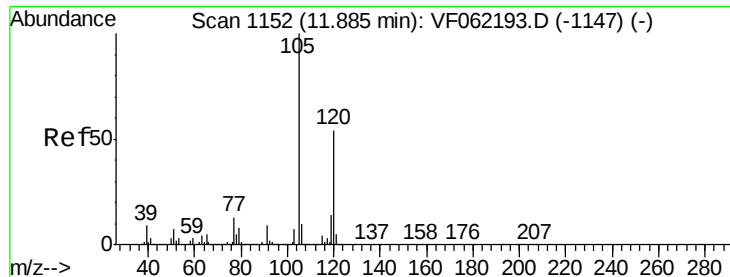
200

0

11.75 11.80 11.85

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.703 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

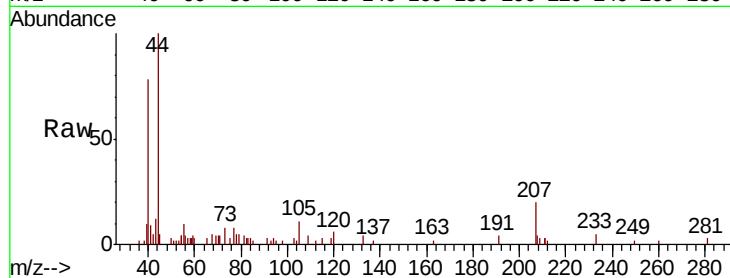
ClientSampled :

Tot Ion:105 Resp: 1653

Ion Ratio Lower Upper

105 100

120 22.0 26.2 78.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.89

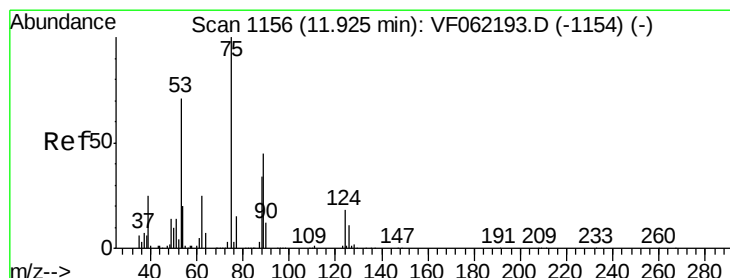
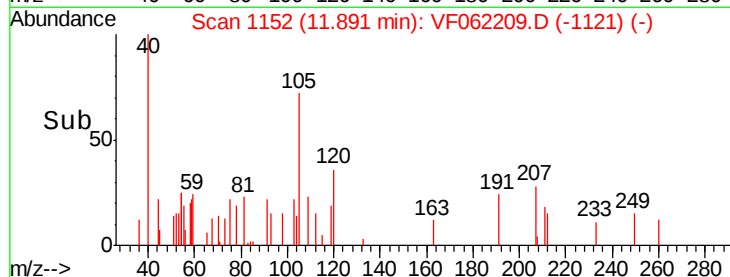
600

400

200

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 2.007 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

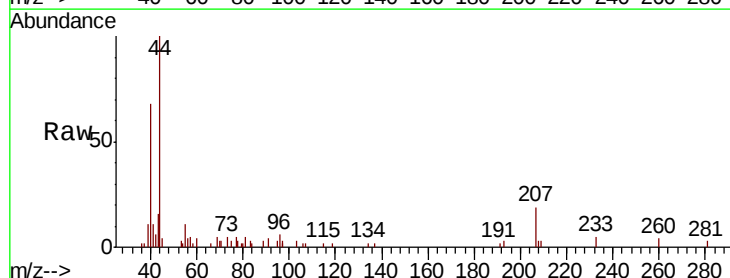
Tgt Ion: 75 Resp: 342

Ion Ratio Lower Upper

75 100

53 222.8 50.2 75.4#

89 62.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0

250

200

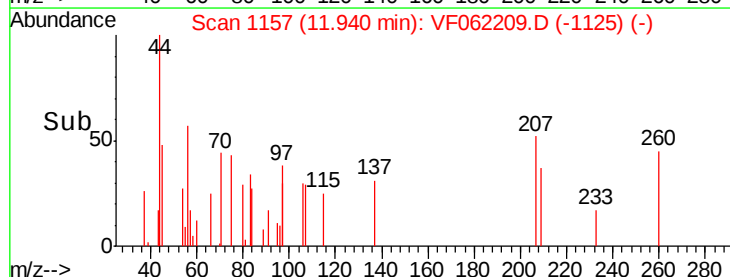
150

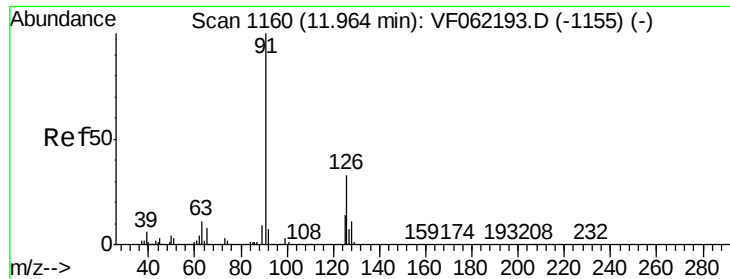
100

50

0

Time-->

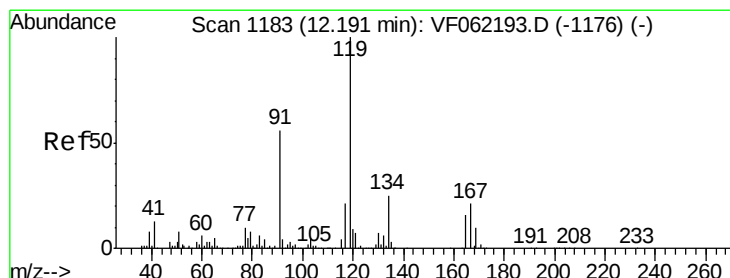
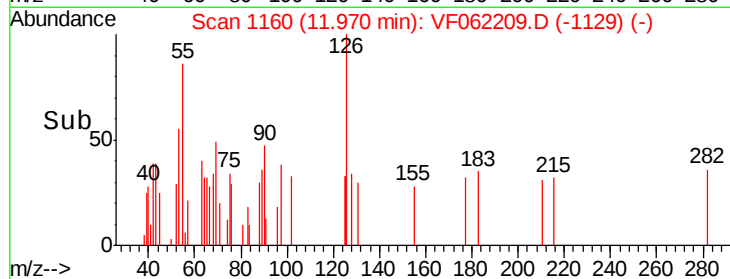
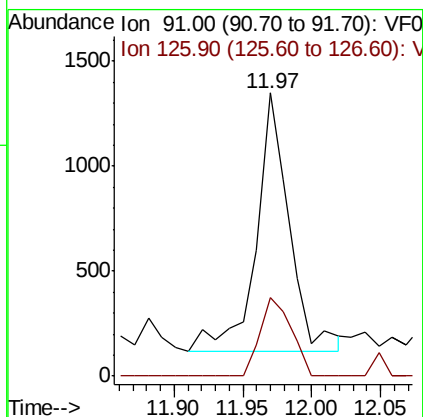
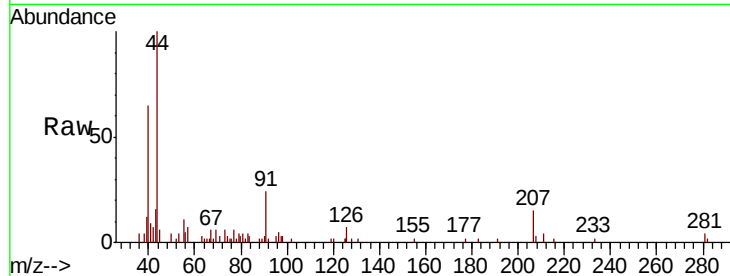




#82
4-Chlorotoluene
Concen: 1.188 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

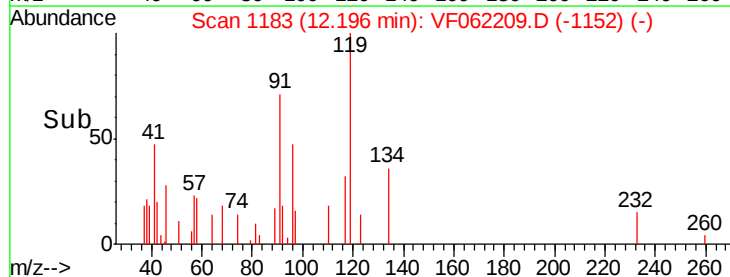
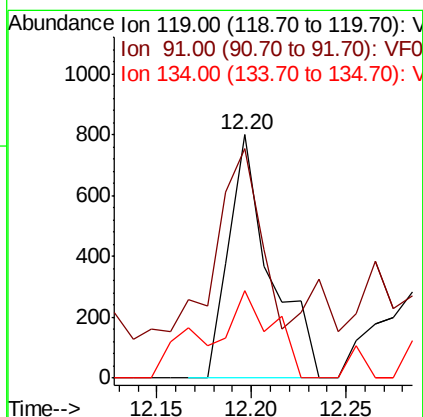
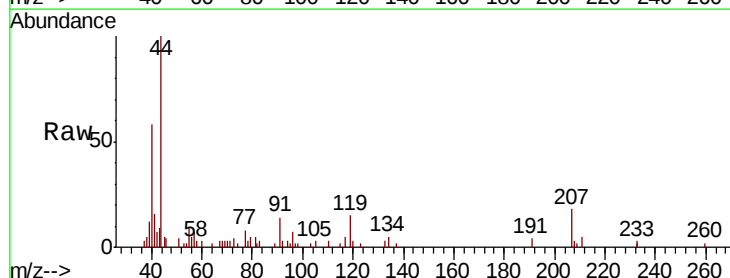
Instrument :
MSVOA_F
ClientSampled :

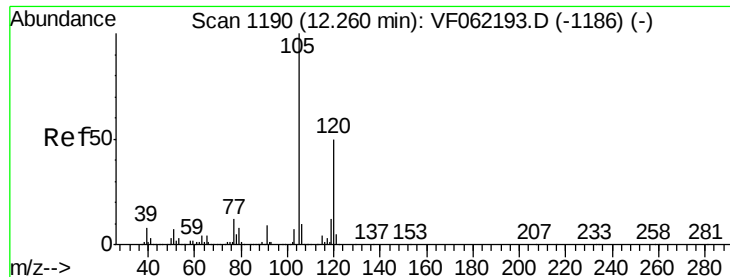
Tot Ion: 91 Resp: 2074
Ion Ratio Lower Upper
91 100
126 28.6 16.9 50.6



#83
tert-Butylbenzene
Concen: 0.499 ug/l
RT: 12.20 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion: 119 Resp: 1213
Ion Ratio Lower Upper
119 100
91 78.5 29.4 88.2
134 57.0 11.8 35.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.915 ug/l

RT: 12.27 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

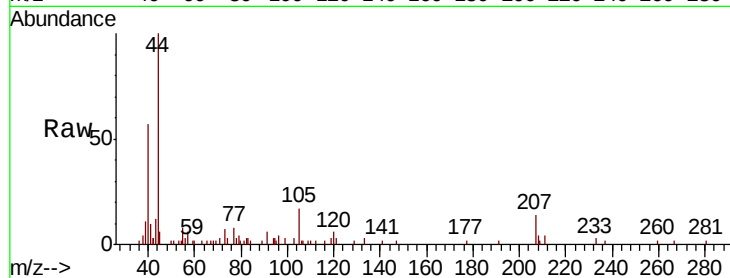
ClientSampleId :

Tot Ion:105 Resp: 2082

Ion Ratio Lower Upper

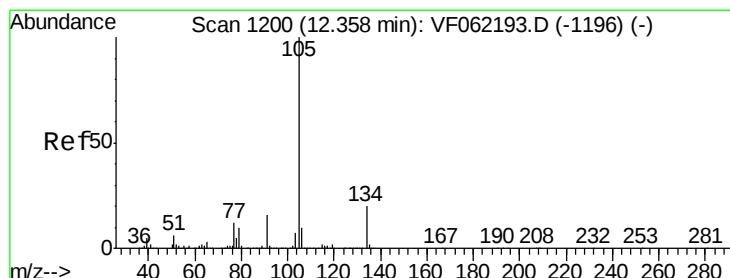
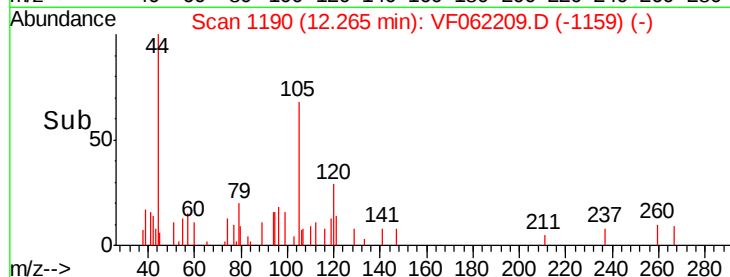
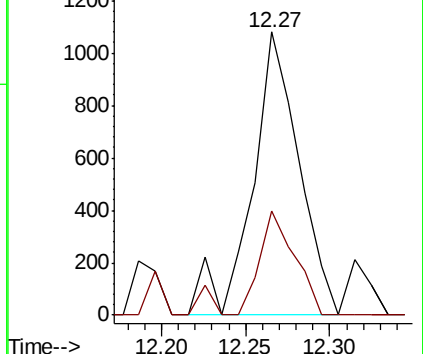
105 100

120 27.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.682 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VF062209.D

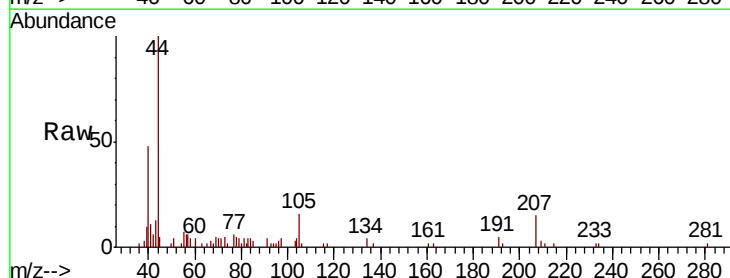
Acq: 18 Apr 2019 17:11

Tgt Ion:105 Resp: 2152

Ion Ratio Lower Upper

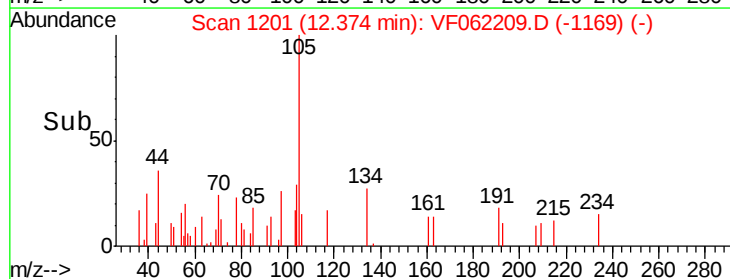
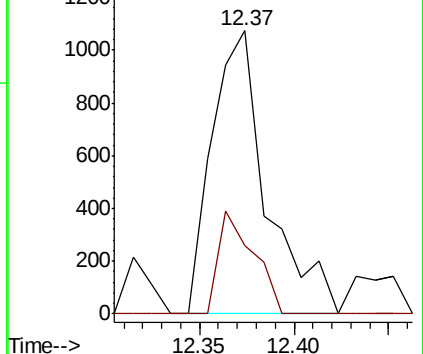
105 100

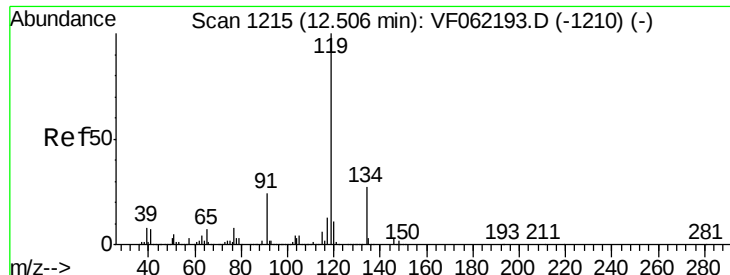
134 23.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

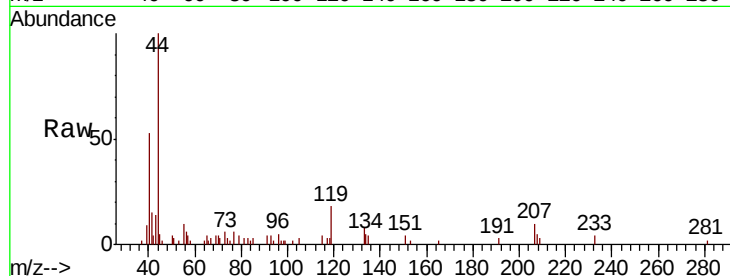




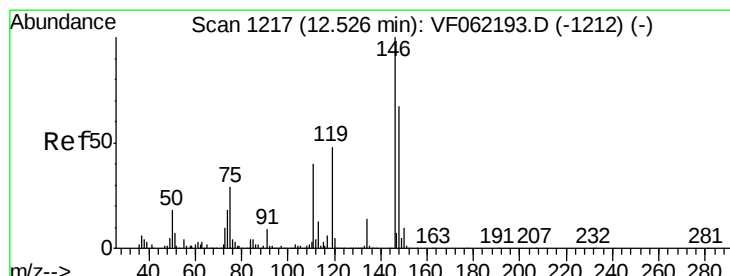
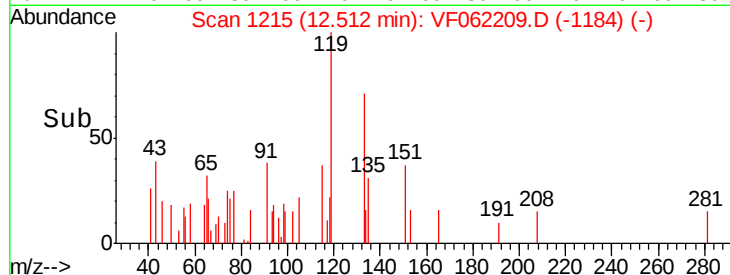
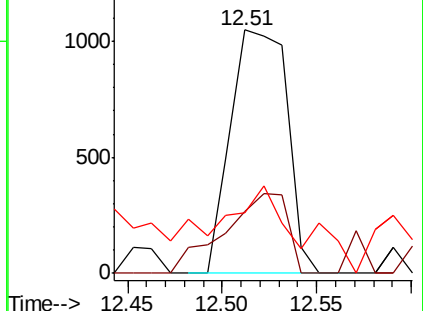
#86
 p-Isopropyltoluene
 Concen: 0.808 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	37.0	13.2	39.5
91	42.7	11.7	35.1

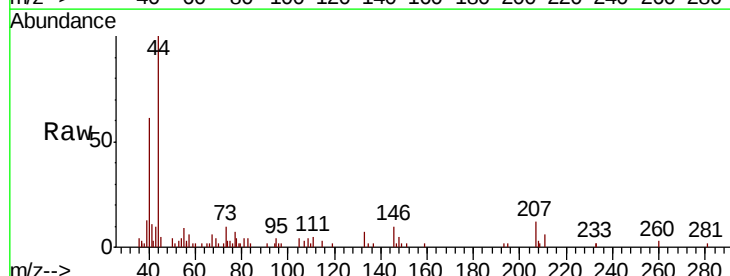


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

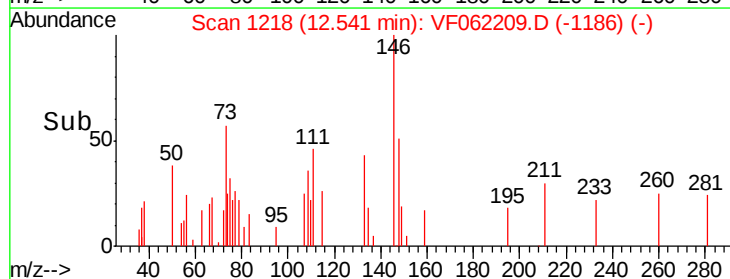
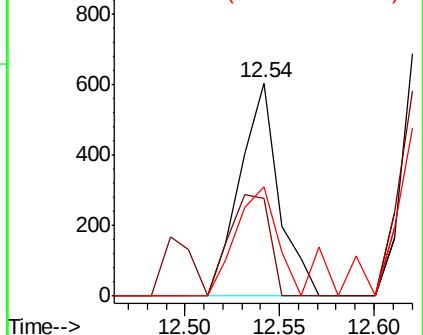


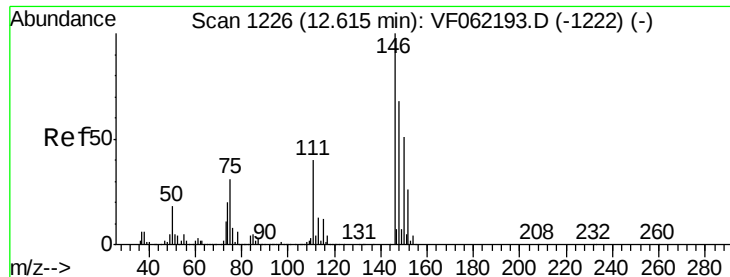
#87
 1,3-Dichlorobenzene
 Concen: 0.769 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.02 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.0	19.7	59.0
148	54.0	32.9	98.6



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

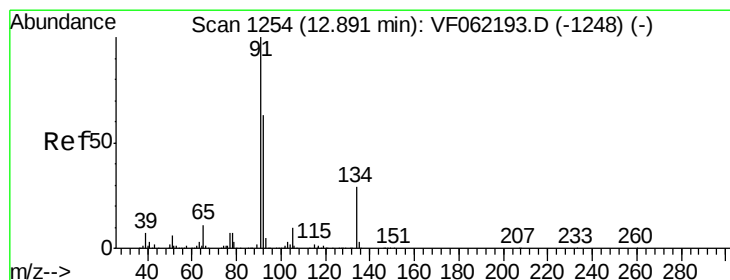
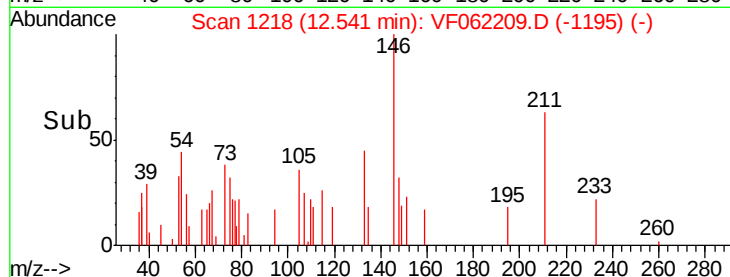
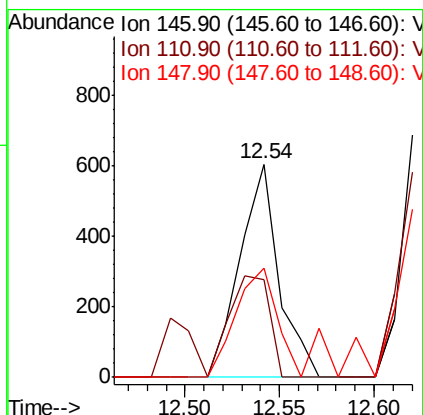
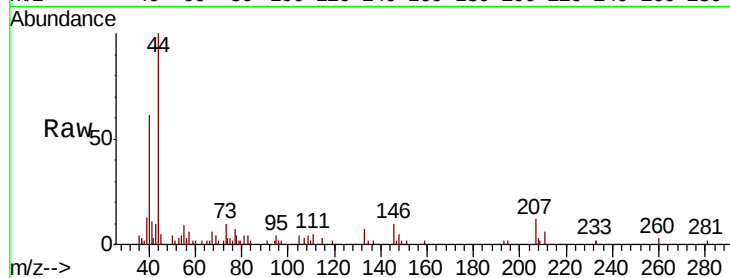




#88
 1,4-Dichlorobenzene
 Concen: 0.797 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.07 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

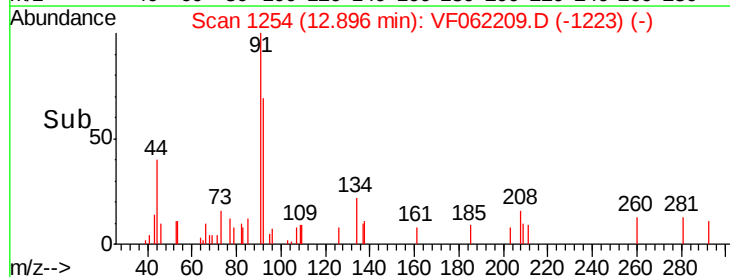
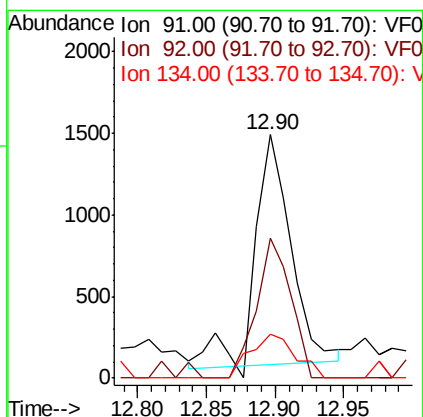
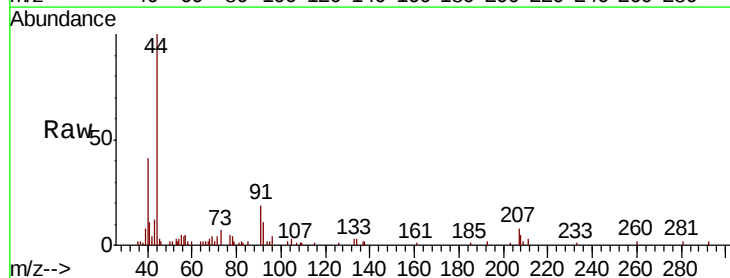
Instrument :
 MSVOA_F
 ClientSampleId :

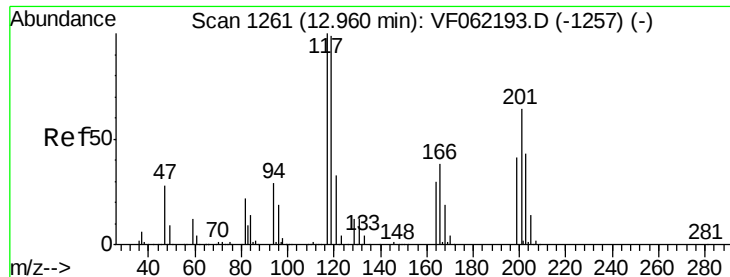
Tot Ion	Ratio	Lower	Upper
146	100		
111	49.0	20.0	60.0
148	54.0	33.6	100.8



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.90 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	31.2	93.6
134	23.7	13.1	39.1





#90

Hexachloroethane

Concen: 1.073 ug/l

RT: 12.97 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

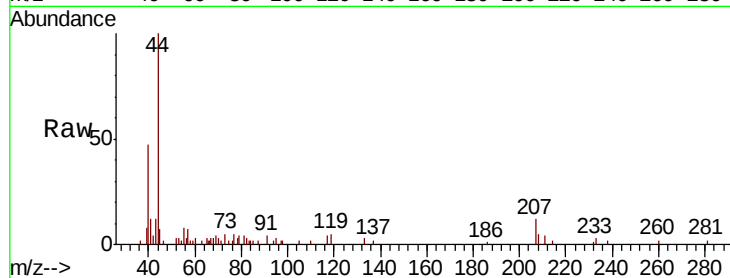
ClientSampled :

Tot Ion:117 Resp: 738

Ion Ratio Lower Upper

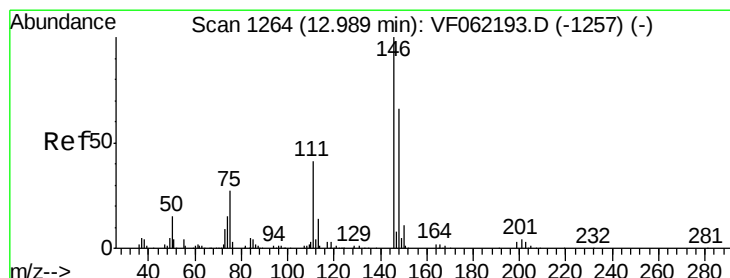
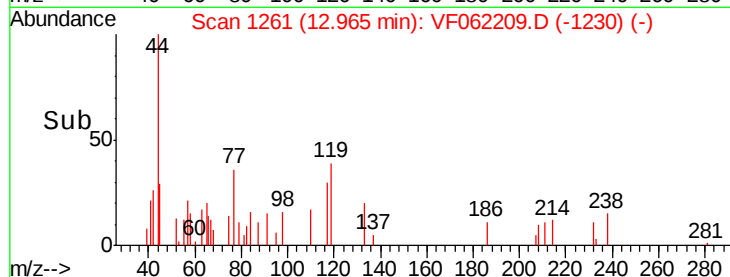
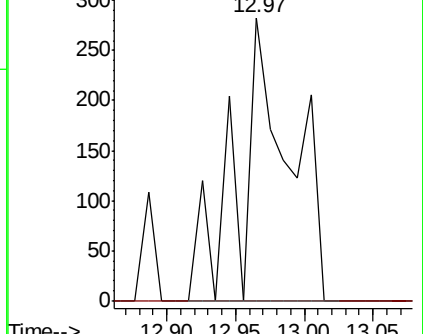
117 100

201 0.0 37.7 113.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.725 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

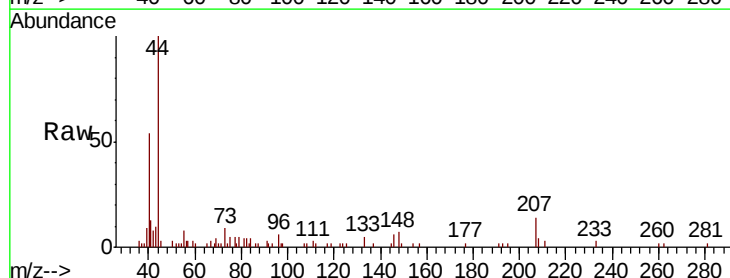
Tgt Ion:146 Resp: 786

Ion Ratio Lower Upper

146 100

111 45.9 20.8 62.5

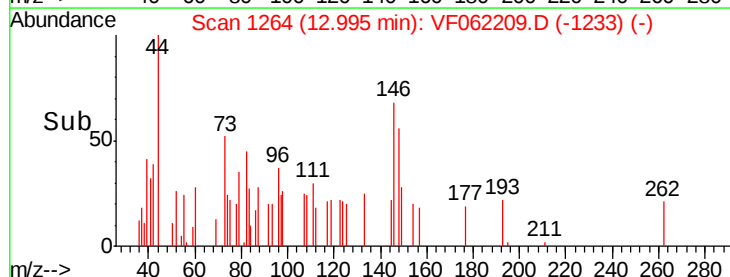
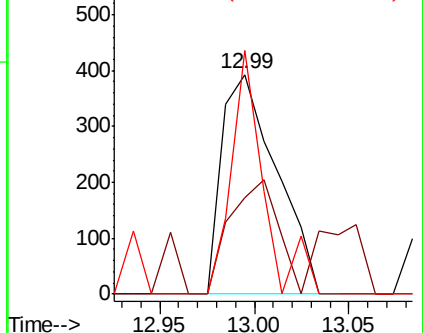
148 64.8 33.0 99.0

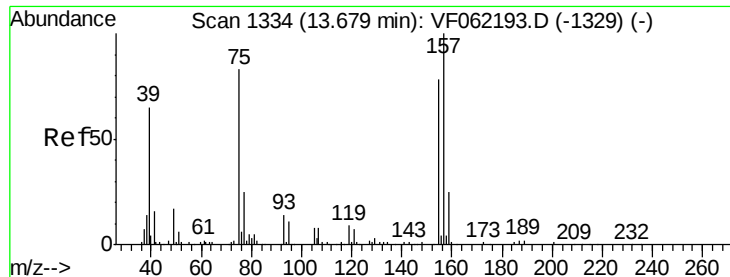


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.484 ug/l

RT: 13.66 min Scan# 1331

Delta R.T. -0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampled :

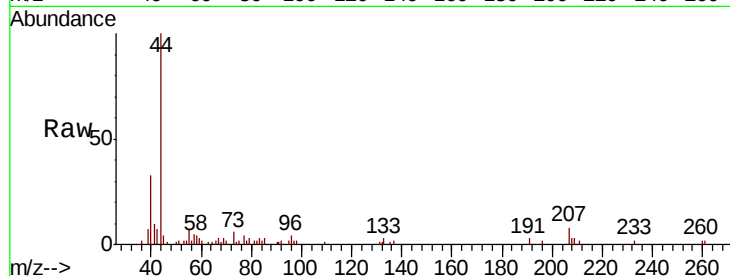
Tot Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

155 25.7 47.6 142.8#

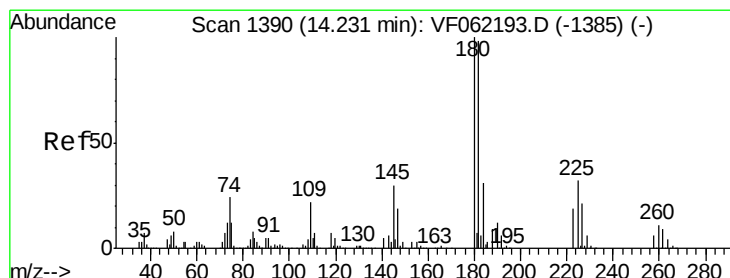
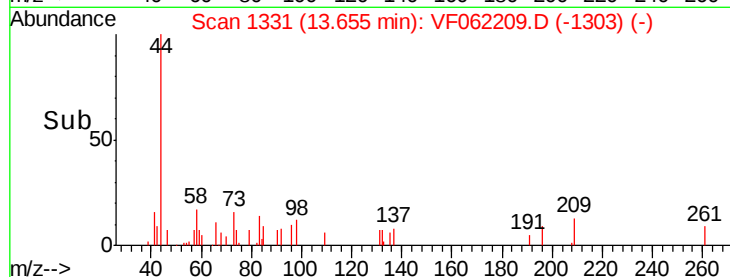
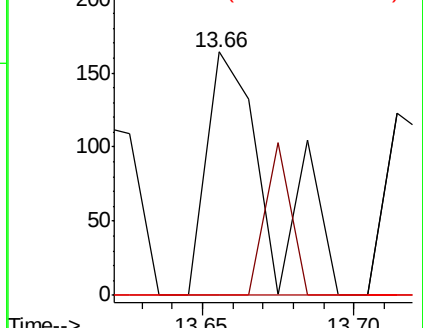
157 0.0 61.3 183.9#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.716 ug/l

RT: 14.24 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

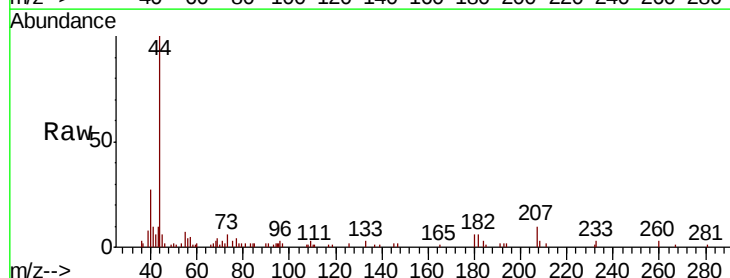
Tgt Ion:180 Resp: 649

Ion Ratio Lower Upper

180 100

182 92.6 49.3 147.9

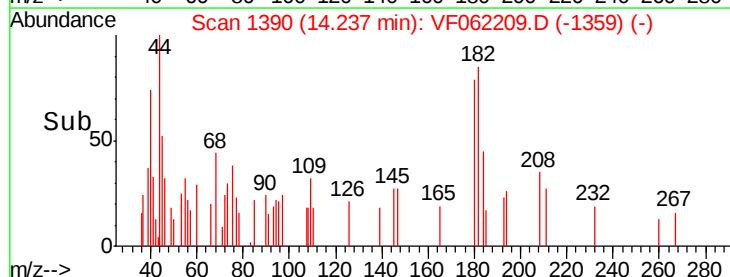
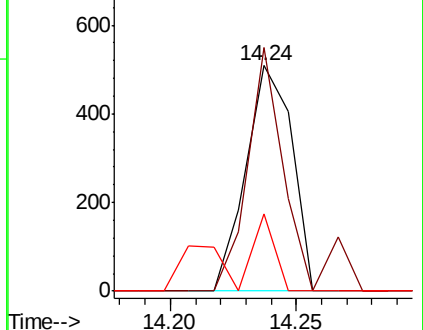
145 0.0 18.1 54.4#

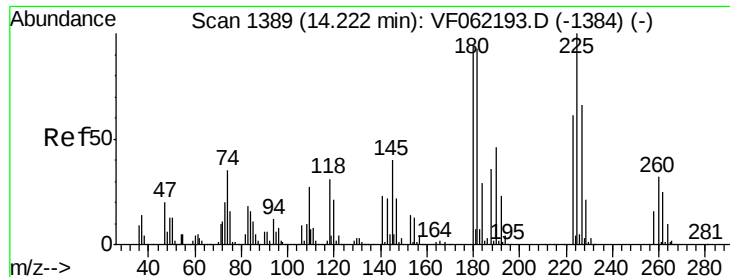


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.232 ug/l

RT: 14.23 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VF062209.D

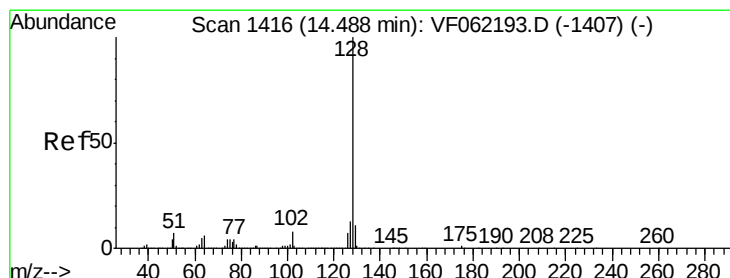
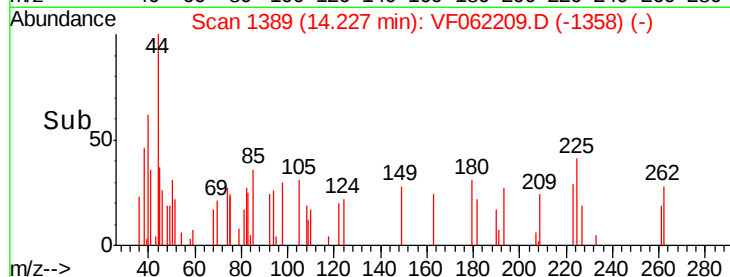
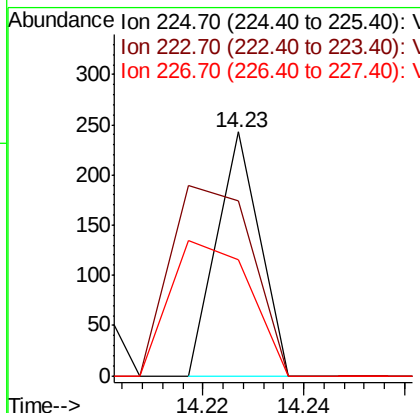
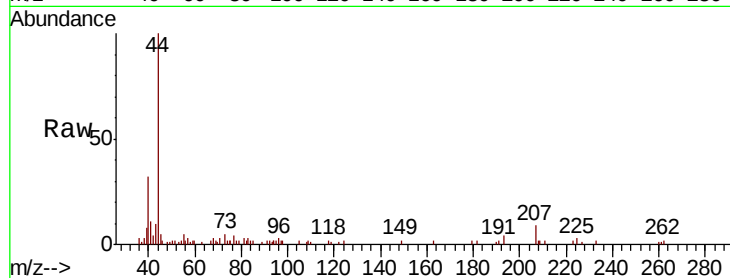
Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	225	Resp:	144
Ion	Ratio	Lower	Upper
225	100		
223	149.3	31.0	93.0#
227	102.8	32.4	97.0#



#95

Naphthalene

Concen: 1.442 ug/l

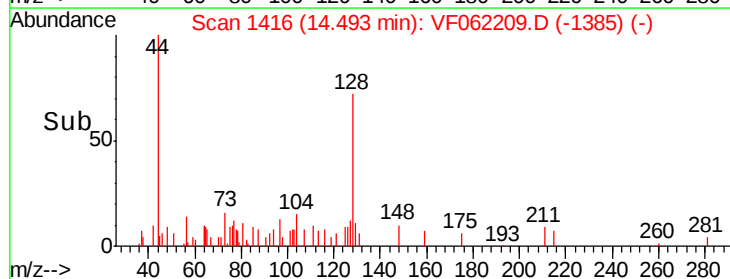
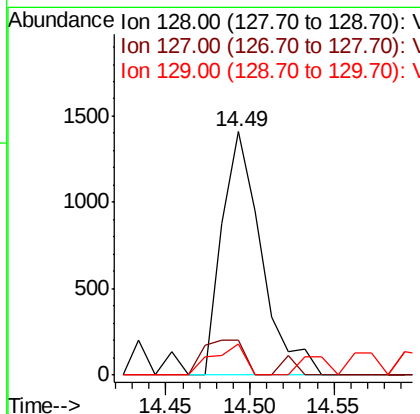
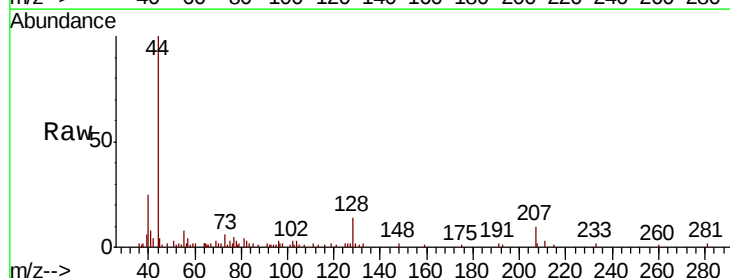
RT: 14.49 min Scan# 1416

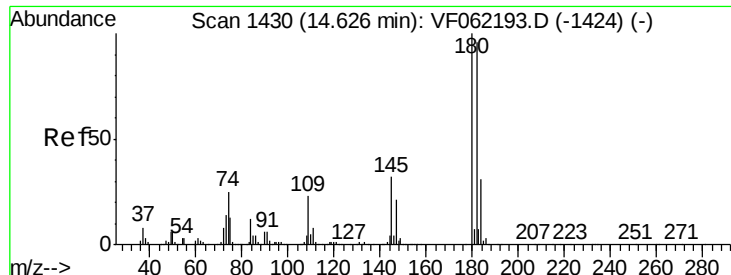
Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion:	128	Resp:	2286
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	10.5	9.2	13.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.659 ug/l
 RT: 14.64 min Scan# 1431
 Delta R.T. 0.02 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.7	48.4	145.3
145	37.5	15.6	46.8

