

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062207.D
 Acq On : 18 Apr 2019 16:13
 Operator : FY/SY
 Sample : K2386-01
 Misc : 4.98g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Apr 19 01:17:55 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	5.06	168	44111	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.77	114	37660	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	16796	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	4222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	5589	13.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	27.64%	
35) Dibromofluoromethane	4.30	113	8652	26.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.52%	
50) Toluene-d8	7.71	98	34797	41.73	ug/l	0.02
Spiked Amount	50.000		Recovery	=	83.46%	
62) 4-Bromofluorobenzene	11.49	95	6915	21.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	469	0.700	ug/l #	42
3) Chloromethane	1.18	50	586	0.846	ug/l #	43
4) Vinyl Chloride	1.20	62	159	0.267	ug/l #	15
5) Bromomethane	1.44	94	454	1.313	ug/l #	6
6) Chloroethane	1.42	64	64	0.257	ug/l #	64
8) Diethyl Ether	1.70	74	503	3.196	ug/l	51
11) Tert butyl alcohol	2.70	59	73	2.596	ug/l #	1
12) 1,1-Dichloroethene	1.91	96	475	0.967	ug/l #	5
13) Acrolein	2.11	56	370	Below Cal	#	1
14) Allyl chloride	2.21	41	589	1.044	ug/l #	38
15) Acrylonitrile	3.09	53	135	1.576	ug/l #	1
16) Acetone	2.34	43	1250	12.929	ug/l	96
17) Carbon Disulfide	1.87	76	855	0.626	ug/l #	1
18) Methyl Acetate	2.51	43	1677	2.509	ug/l #	59
19) Methyl tert-butyl Ether	2.56	73	671	0.773	ug/l #	58
20) Methylene Chloride	2.37	84	262	Below Cal	#	31
21) trans-1,2-Dichloroethene	2.37	96	223	0.459	ug/l #	1
22) Diisopropyl ether	2.92	45	1392	0.965	ug/l #	72
23) Vinyl Acetate	3.35	43	577	0.840	ug/l #	79
25) 2-Butanone	4.53	43	518	2.680	ug/l #	56
26) 2,2-Dichloropropane	3.82	77	120	0.301	ug/l #	54
27) cis-1,2-Dichloroethene	3.78	96	279	0.443	ug/l	36
28) Bromochloromethane	3.83	49	76	0.201	ug/l #	8
29) Tetrahydrofuran	4.25	42	287	3.280	ug/l #	1
30) Chloroform	4.11	83	293	0.302	ug/l	88
31) Cyclohexane	3.85	56	753	0.796	ug/l #	17
37) Ethyl Acetate	4.29	43	843	3.957	ug/l #	1
39) Methylcyclohexane	5.62	83	295	0.546	ug/l #	29
40) Benzene	4.82	78	929	0.784	ug/l #	89
41) Methacrylonitrile	4.94	41	413	3.360	ug/l #	9
42) 1,2-Dichloroethane	5.15	62	72	0.230	ug/l #	1
43) Isopropyl Acetate	7.11	43	544	2.428	ug/l #	1
45) 1,2-Dichloropropane	6.41	63	464	1.779	ug/l #	65
46) Dibromomethane	6.26	93	198	1.141	ug/l #	3

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

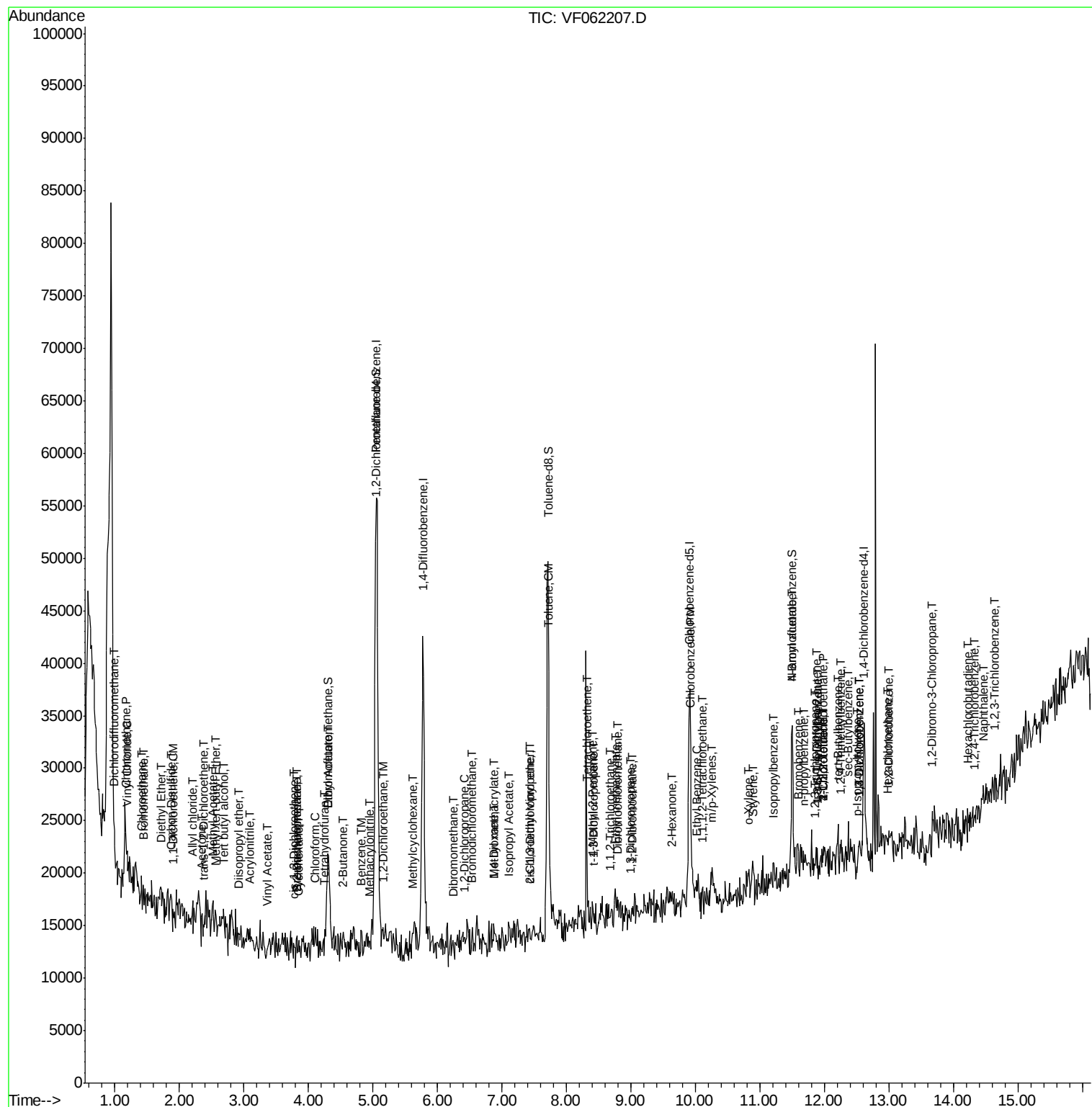
47) Bromodichloromethane	6.55	83	496	1.266	ug/l #	24
48) Methyl methacrylate	6.88	41	429	2.913	ug/l #	1
49) 1,4-Dioxane	6.87	88	300	177.625	ug/l #	38
51) 4-Methyl-2-Pentanone	8.40	43	1569	9.413	ug/l #	78
52) Toluene	7.73	92	242	0.388	ug/l	97
53) t-1,3-Dichloropropene	8.42	75	90	0.306	ug/l #	54
54) cis-1,3-Dichloropropene	7.44	75	569	1.430	ug/l #	41
55) 1,1,2-Trichloroethane	8.67	97	139	0.795	ug/l #	14
56) Ethyl methacrylate	8.75	69	746	3.752	ug/l #	1
57) 1,3-Dichloropropane	9.00	76	69	0.244	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.42	63	148	2.564	ug/l #	48
59) 2-Hexanone	9.63	43	1344	13.061	ug/l #	28
60) Dibromochloromethane	8.81	129	63	0.242	ug/l #	10
61) 1,2-Dibromoethane	9.02	107	63	0.320	ug/l	88
64) Tetrachloroethene	8.33	164	63	0.416	ug/l #	1
65) Chlorobenzene	9.93	112	892	2.491	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.11	131	60	0.358	ug/l #	1
67) Ethyl Benzene	10.02	91	1785	2.741	ug/l #	74
68) m/p-Xylenes	10.26	106	1150	4.797	ug/l #	35
69) o-Xylene	10.83	106	527	1.980	ug/l #	1
70) Styrene	10.89	104	1142	3.040	ug/l #	52
73) Isopropylbenzene	11.22	105	1919	5.291	ug/l	86
74) N-amyl acetate	11.51	43	399	2.552	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.98	83	546	8.754	ug/l	84
76) 1,2,3-Trichloropropane	11.84	75	144	3.356	ug/l #	1
77) Bromobenzene	11.59	156	215	2.767	ug/l #	1
78) n-propylbenzene	11.67	91	2504	6.545	ug/l	82
79) 2-Chlorotoluene	11.98	91	920	3.964	ug/l	92
80) 1,3,5-Trimethylbenzene	11.89	105	999	3.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.87	75	275	12.566	ug/l #	18
82) 4-Chlorotoluene	11.98	91	954	4.254	ug/l	95
83) tert-Butylbenzene	12.20	119	1135	3.634	ug/l	90
84) 1,2,4-Trimethylbenzene	12.27	105	943	3.226	ug/l	90
85) sec-Butylbenzene	12.37	105	1741	4.293	ug/l	86
86) p-Isopropyltoluene	12.51	119	1253	3.642	ug/l #	69
87) 1,3-Dichlorobenzene	12.54	146	501	3.475	ug/l	90
88) 1,4-Dichlorobenzene	12.54	146	501	3.603	ug/l	88
89) n-Butylbenzene	12.92	91	1051	Below Cal		88
90) Hexachloroethane	12.98	117	372	4.211	ug/l #	35
91) 1,2-Dichlorobenzene	13.00	146	419	3.010	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	13.67	75	136	11.098	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.33	180	60	0.515	ug/l #	11
94) Hexachlorobutadiene	14.23	225	137	1.715	ug/l #	19
95) Naphthalene	14.47	128	274	1.345	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.65	180	207	1.851	ug/l #	12

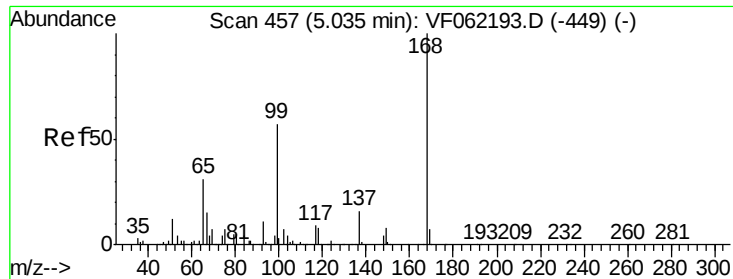
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

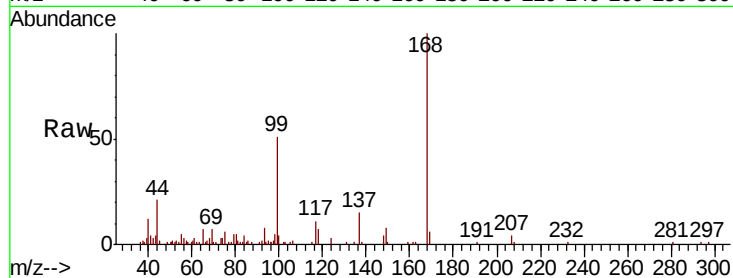
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 44111

Ion Ratio Lower Upper

168 100

99 50.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

15000

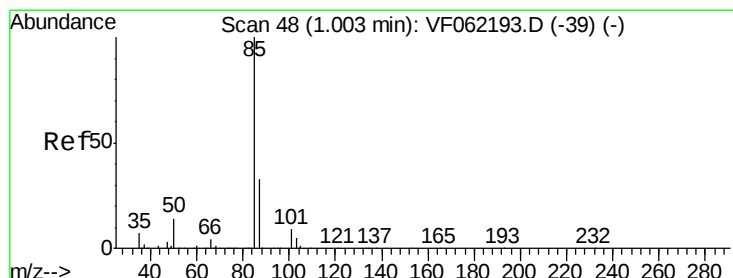
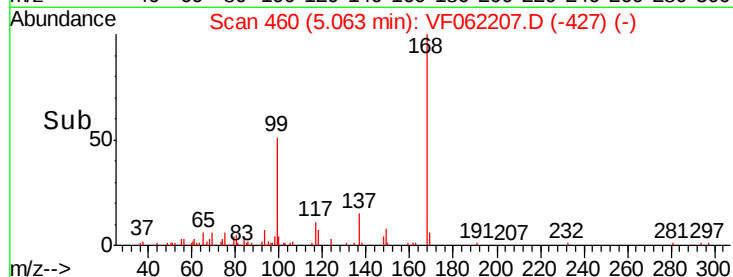
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: 0.700 ug/l

RT: 1.00 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062207.D

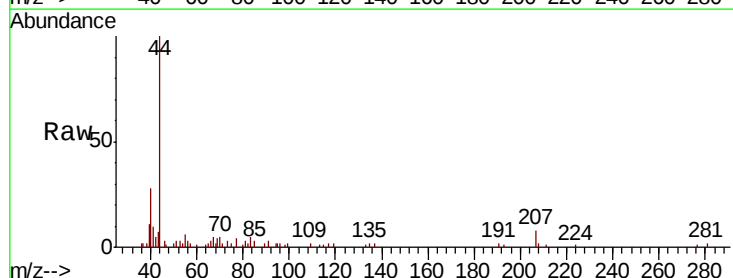
Acq: 18 Apr 2019 16:13

Tgt Ion: 85 Resp: 469

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.00

300

250

200

150

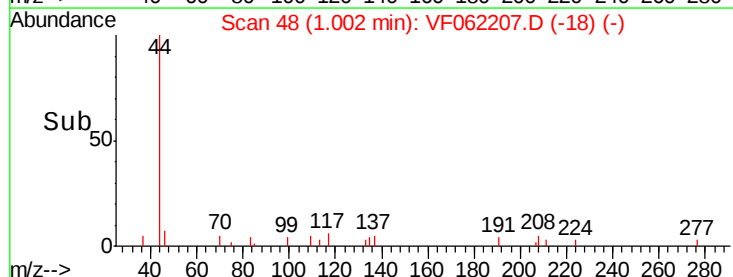
100

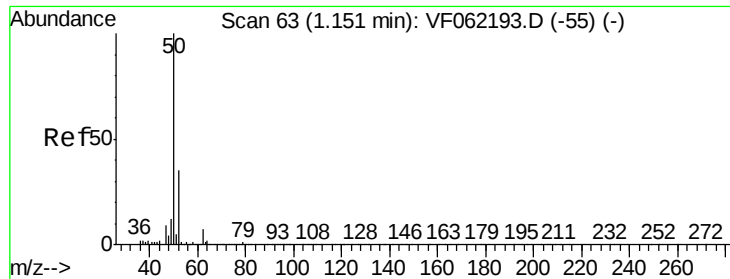
50

0

Time-->

0.95 1.00 1.05





#3

Chloromethane

Concen: 0.846 ug/l

RT: 1.18 min Scan# 66

Delta R.T. 0.03 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

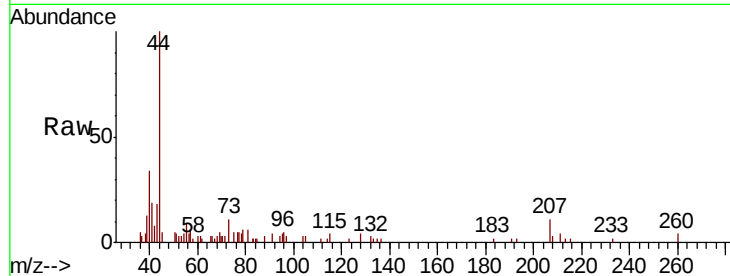
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 586

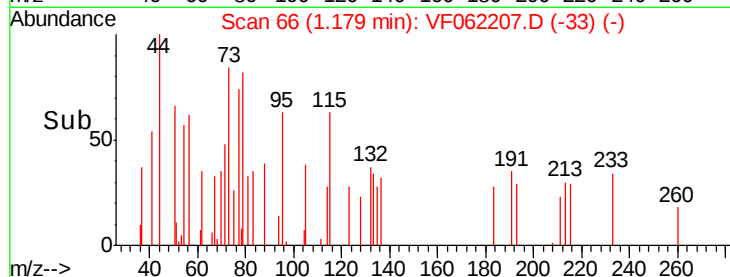
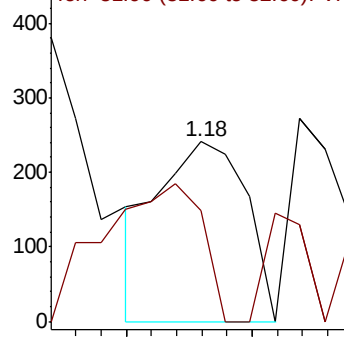
Ion Ratio Lower Upper

50 100

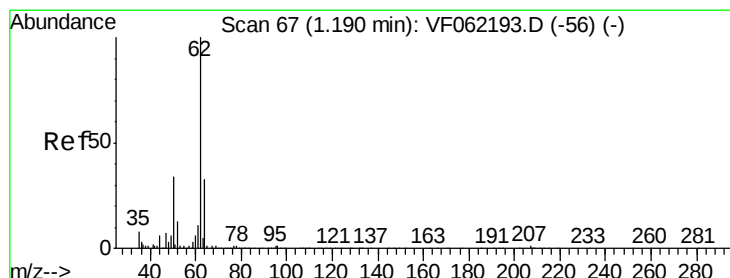
52 1.2 27.0 40.4#



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



Time-->



#4

Vinyl Chloride

Concen: 0.267 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.01 min

Lab File: VF062207.D

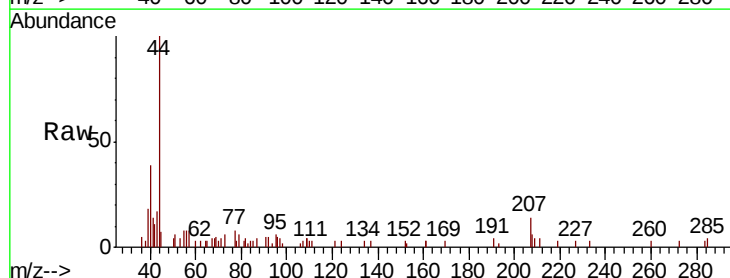
Acq: 18 Apr 2019 16:13

Tgt Ion: 62 Resp: 159

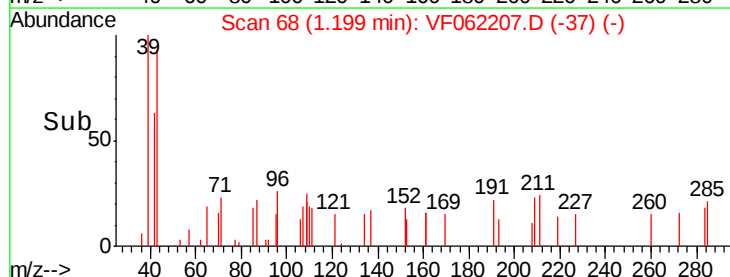
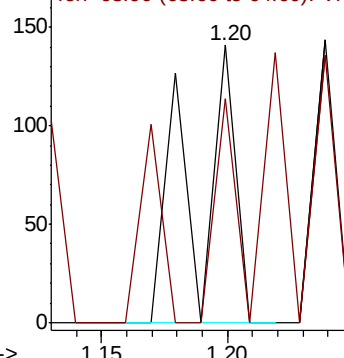
Ion Ratio Lower Upper

62 100

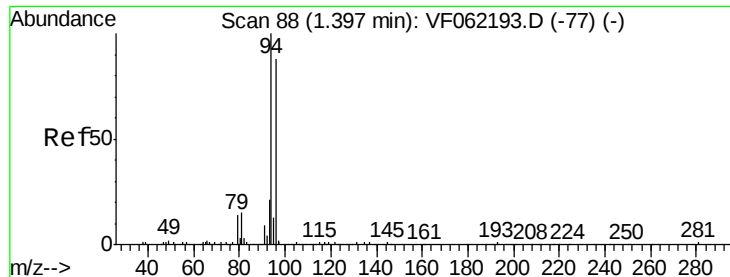
64 80.9 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VF0
Ion 63.90 (63.60 to 64.60): VF0



Time-->



#5

Bromomethane

Concen: 1.313 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.04 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

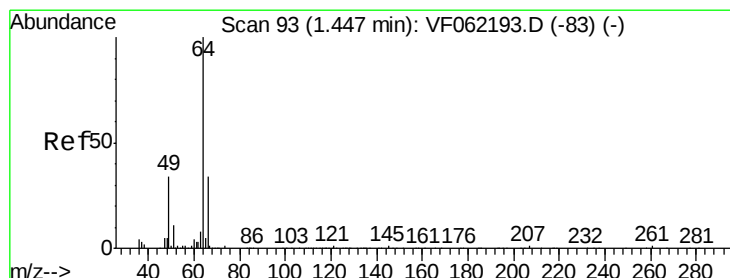
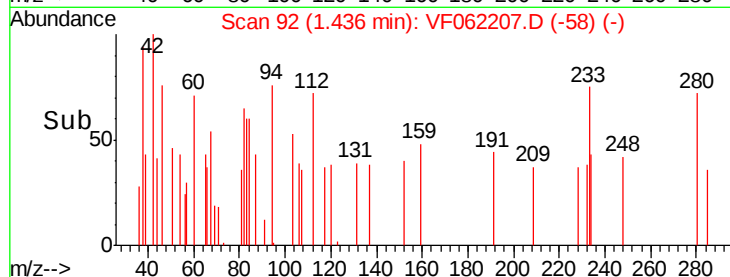
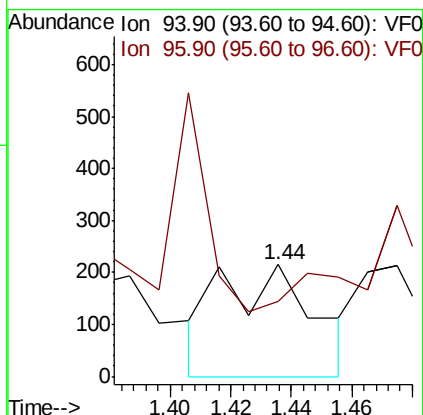
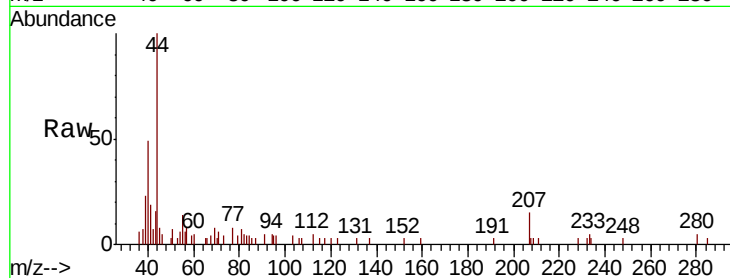
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 454

Ion Ratio Lower Upper

94 100

96 0.0 70.2 105.4#



#6

Chloroethane

Concen: 0.257 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.03 min

Lab File: VF062207.D

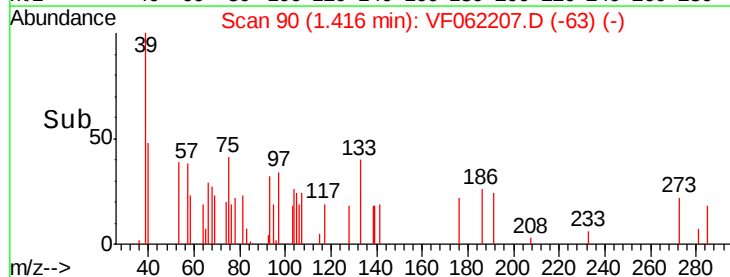
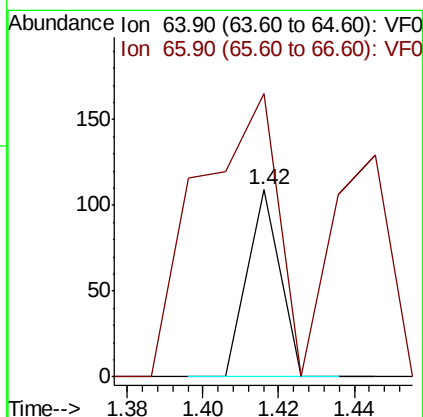
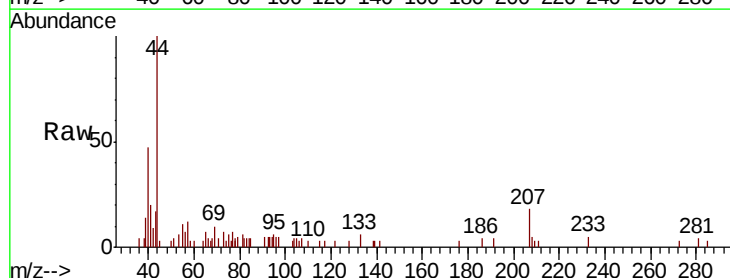
Acq: 18 Apr 2019 16:13

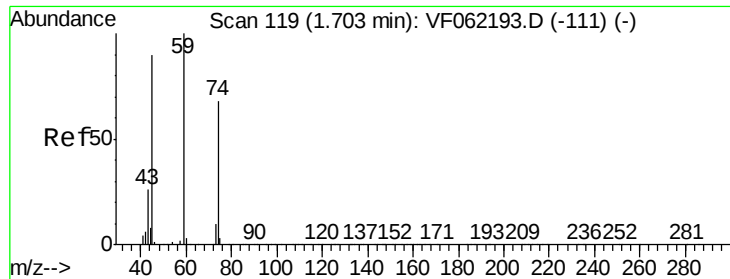
Tgt Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 54.1 27.0 40.4#





#8

Diethyl Ether

Concen: 3.196 ug/l

RT: 1.70 min Scan# 119

Delta R.T. -0.00 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

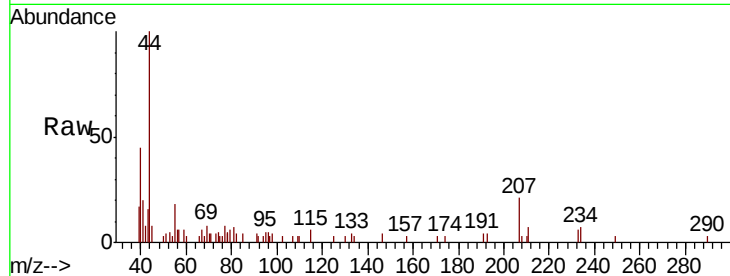
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 74 Resp: 503

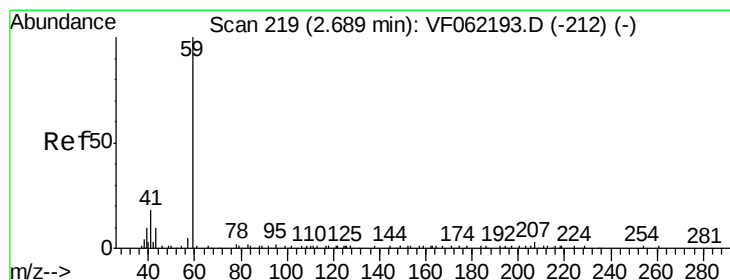
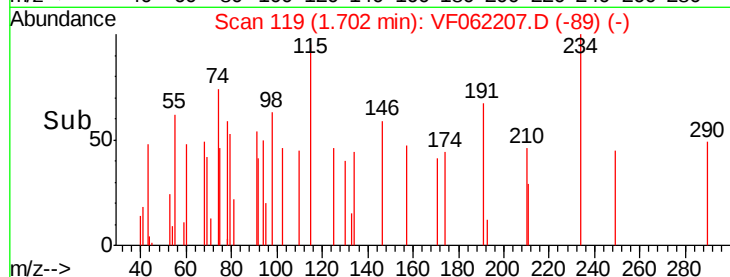
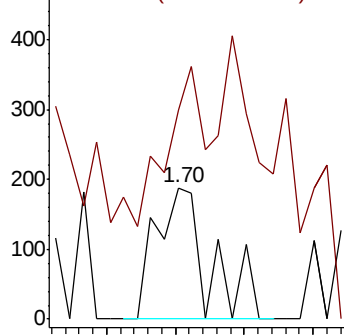
Ion Ratio Lower Upper

74 100

45 80.1 70.0 210.2



Abundance Ion 74.00 (73.70 to 74.70): VF0
Ion 45.00 (44.70 to 45.70): VF0



#11

Tert butyl alcohol

Concen: 2.596 ug/l

RT: 2.70 min Scan# 220

Delta R.T. 0.01 min

Lab File: VF062207.D

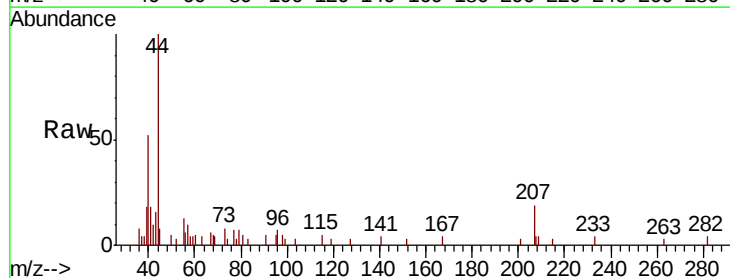
Acq: 18 Apr 2019 16:13

Tgt Ion: 59 Resp: 73

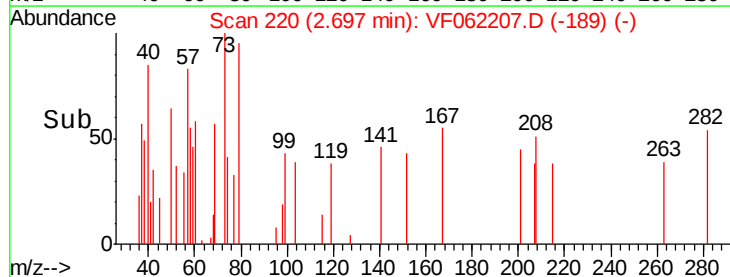
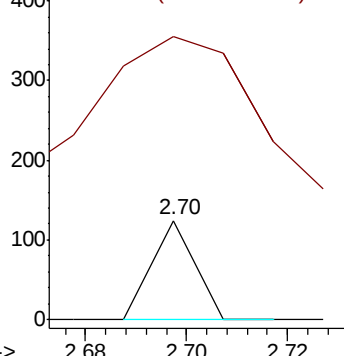
Ion Ratio Lower Upper

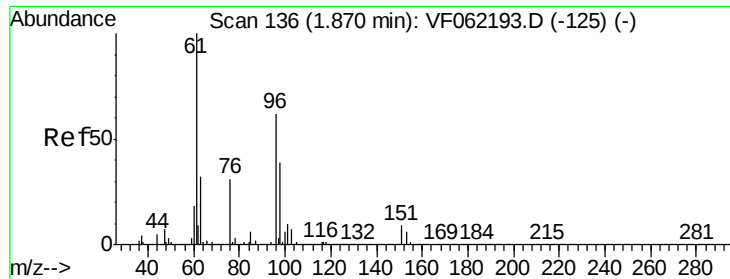
59 100

57 580.8 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0
Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 0.967 ug/l

RT: 1.91 min Scan# 140

Delta R.T. 0.04 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampled :

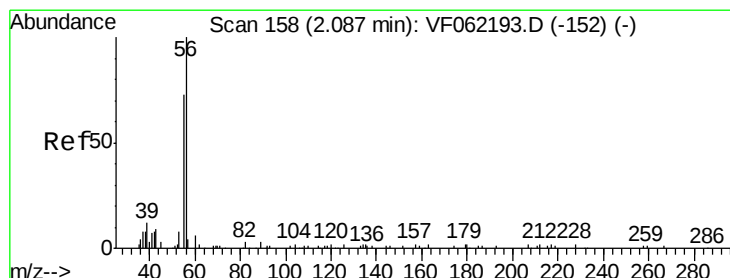
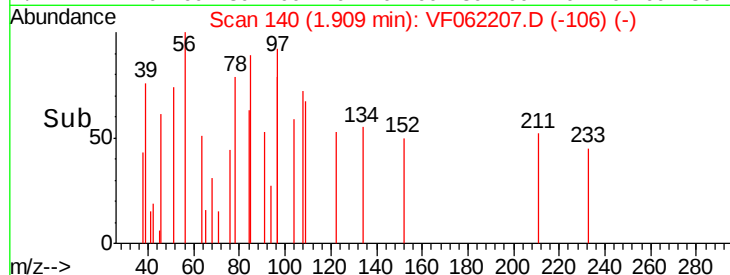
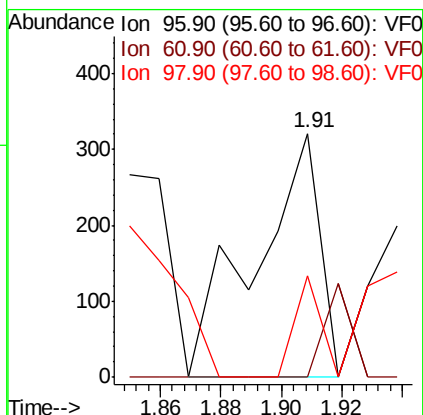
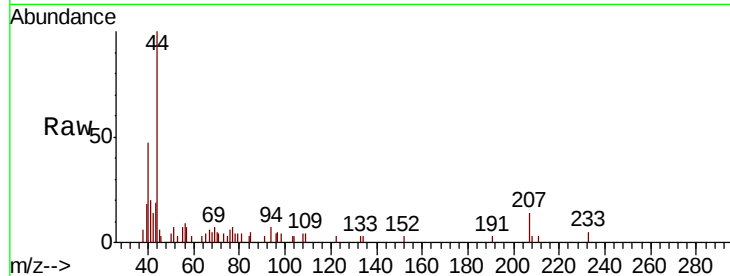
Tot Ion: 96 Resp: 475

Ion Ratio Lower Upper

96 100

61 0.0 129.1 193.7#

98 41.7 50.0 75.0#



#13

Acrolein

Concen: Below Cal

RT: 2.11 min Scan# 160

Delta R.T. 0.02 min

Lab File: VF062207.D

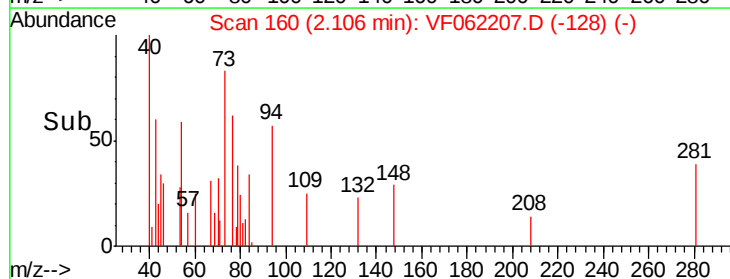
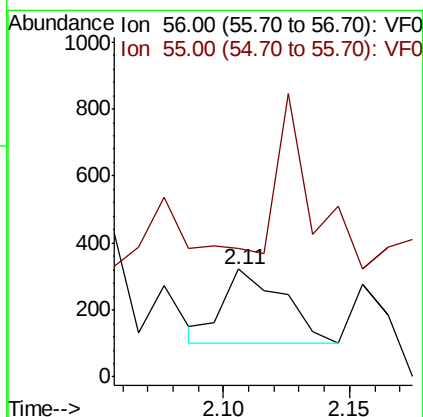
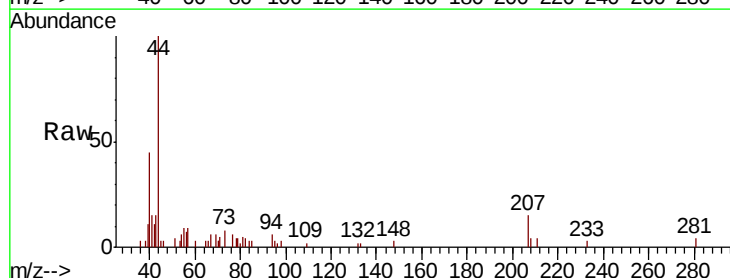
Acq: 18 Apr 2019 16:13

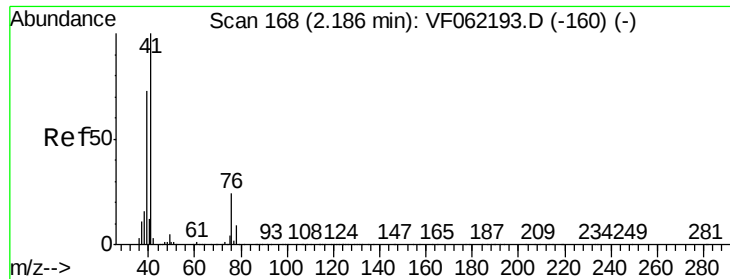
Tgt Ion: 56 Resp: 370

Ion Ratio Lower Upper

56 100

55 184.6 57.4 86.0#





#14

Allvl chloride

Concen: 1.044 ug/l

RT: 2.21 min Scan# 171

Delta R.T. 0.03 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampleId :

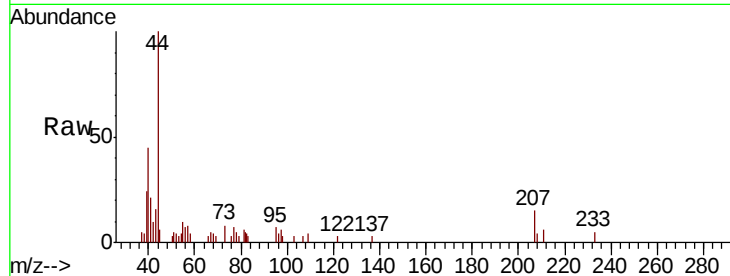
Tot Ion: 41 Resp: 589

Ion Ratio Lower Upper

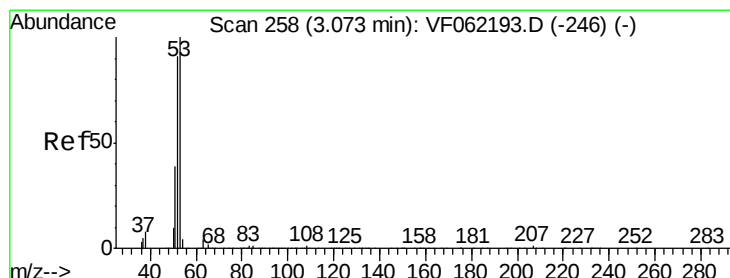
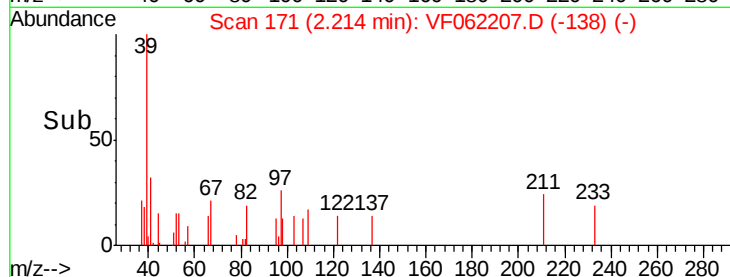
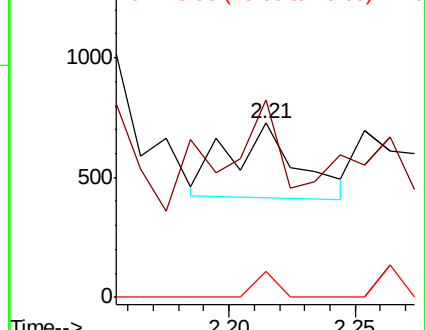
41 100

39 137.2 60.0 90.0#

76 10.7 20.6 30.8#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 75.90 (75.60 to 76.60): VF0



#15

Acrylonitrile

Concen: 1.576 ug/l

RT: 3.09 min Scan# 260

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

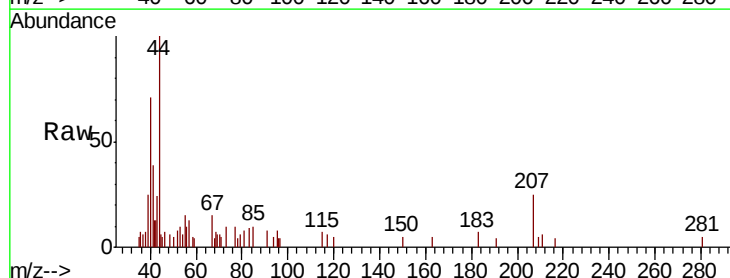
Tgt Ion: 53 Resp: 135

Ion Ratio Lower Upper

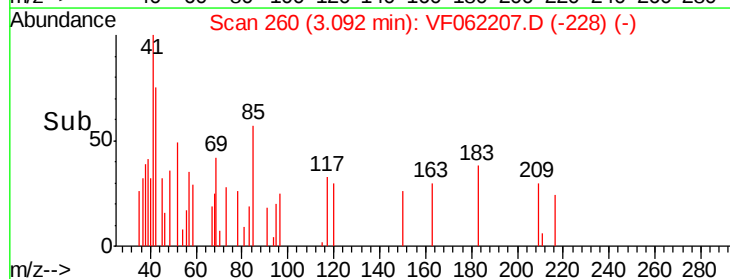
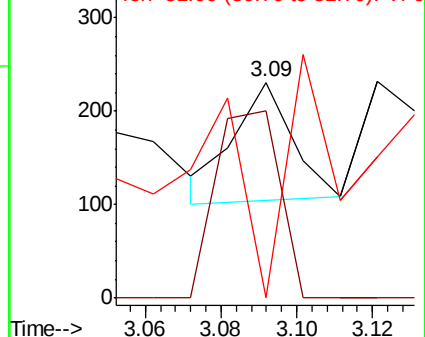
53 100

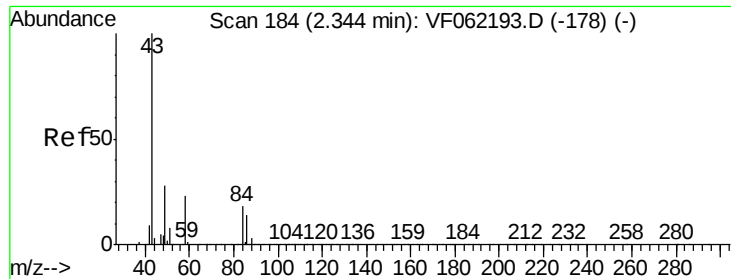
52 171.9 69.5 104.3#

51 160.0 31.8 47.8#



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

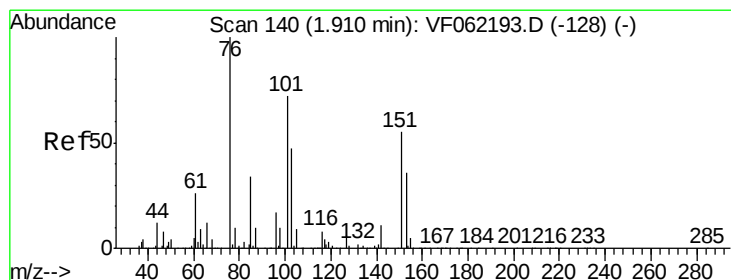
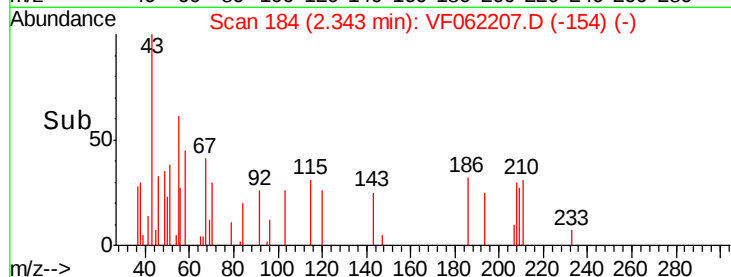
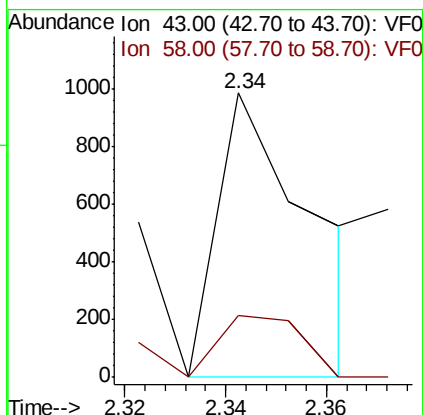
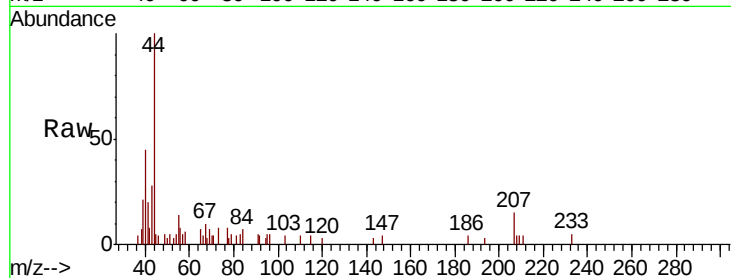




#16
Acetone
Concen: 12.929 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

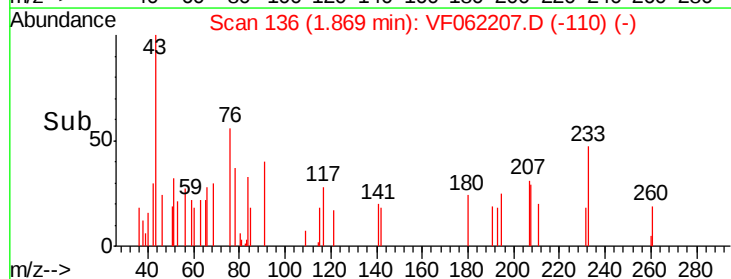
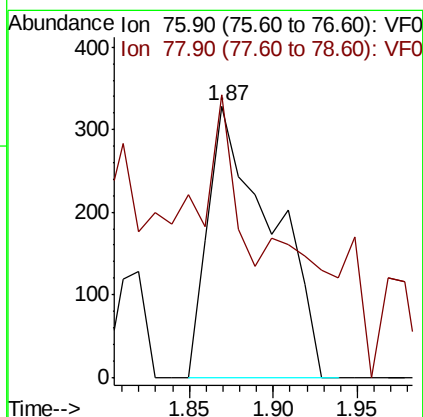
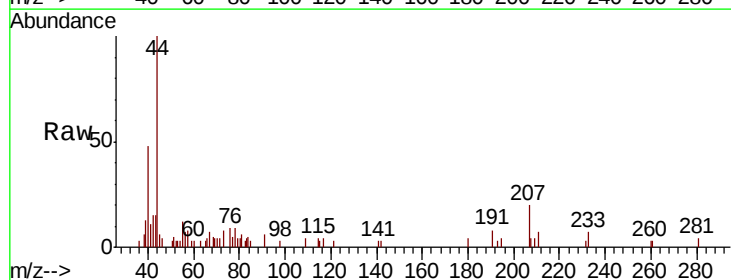
Instrument :
MSVOA_F
ClientSampleId :

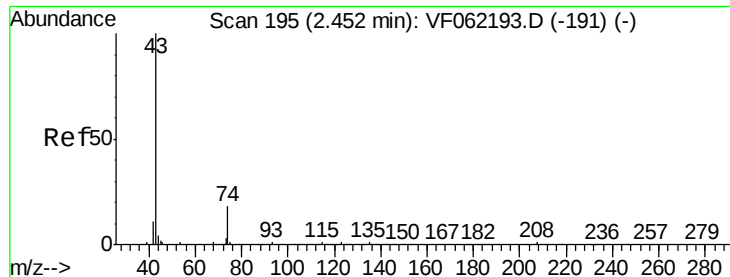
Tot Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 21.4 18.8 28.2



#17
Carbon Disulfide
Concen: 0.626 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.04 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 76 Resp: 855
Ion Ratio Lower Upper
76 100
78 67.5 8.7 13.1#

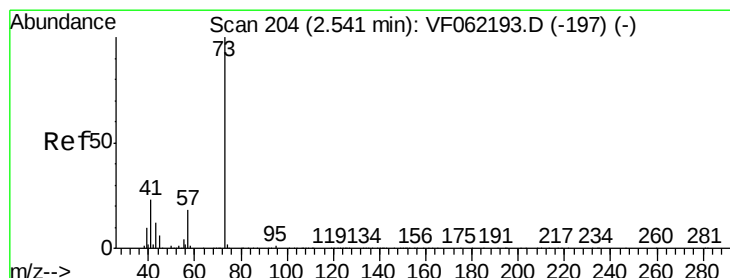
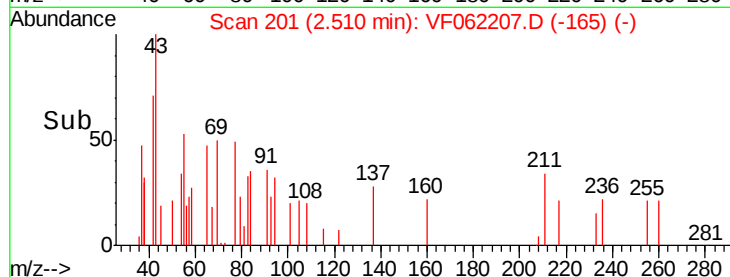
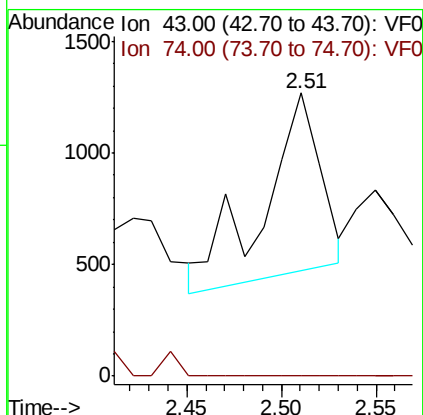
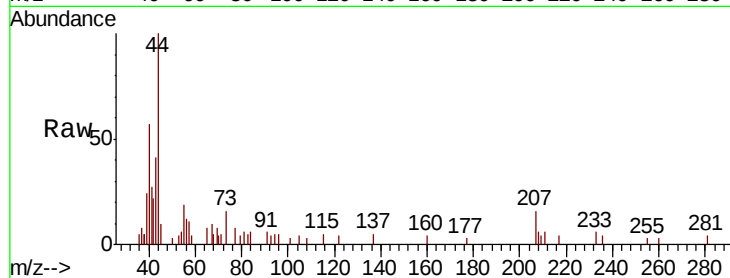




#18
Methyl Acetate
Concen: 2.509 ug/l
RT: 2.51 min Scan# 201
Delta R.T. 0.06 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

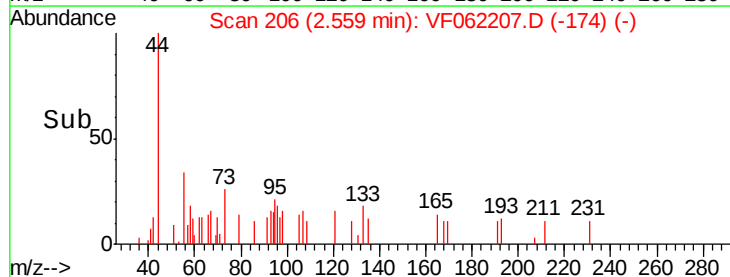
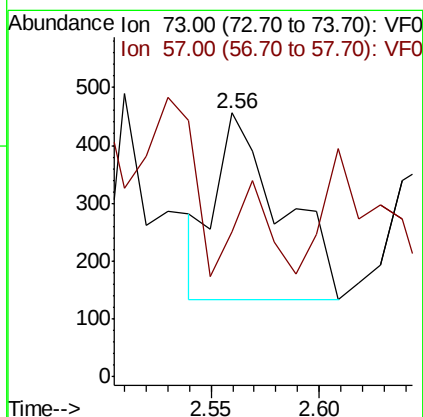
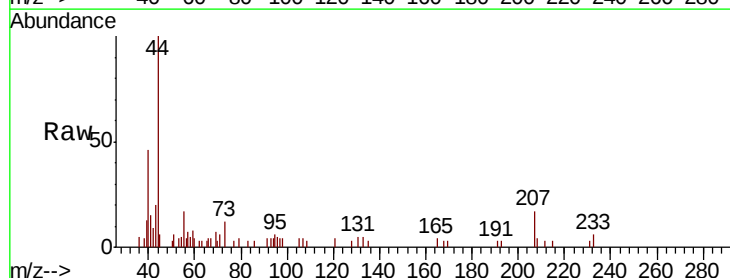
Instrument :
MSVOA_F
ClientSampled :

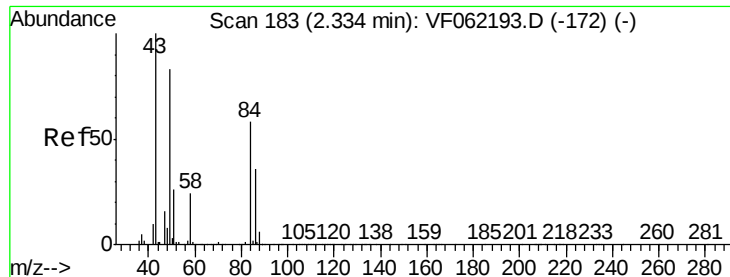
Tot Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
74 0.0 14.5 21.7#



#19
Methyl tert-butyl Ether
Concen: 0.773 ug/l
RT: 2.56 min Scan# 206
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 73 Resp: 671
Ion Ratio Lower Upper
73 100
57 0.0 15.1 22.7#

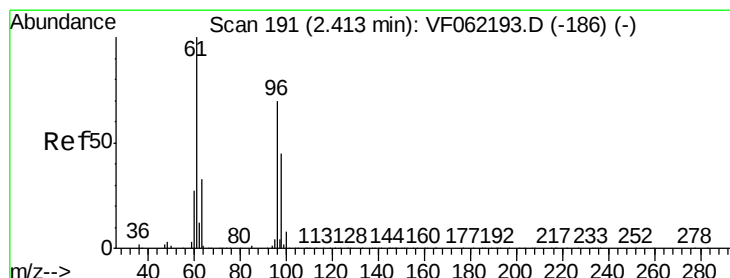
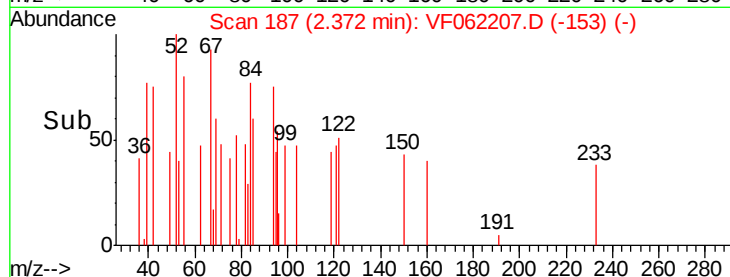
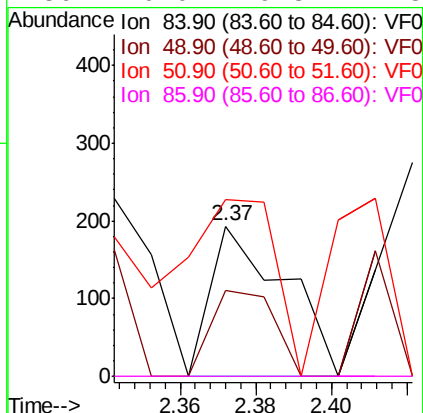
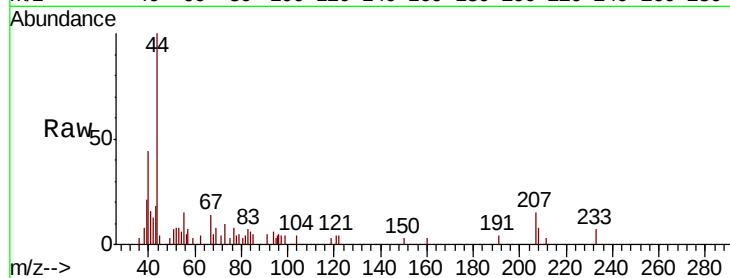




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.37 min Scan# 187
Delta R.T. 0.04 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

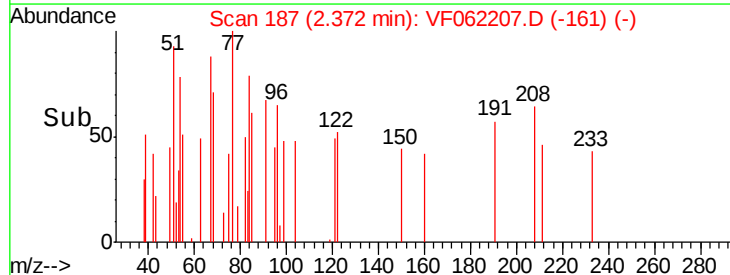
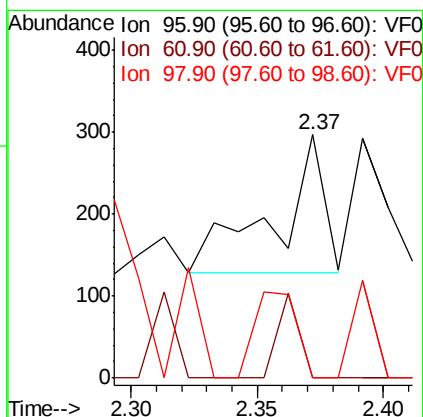
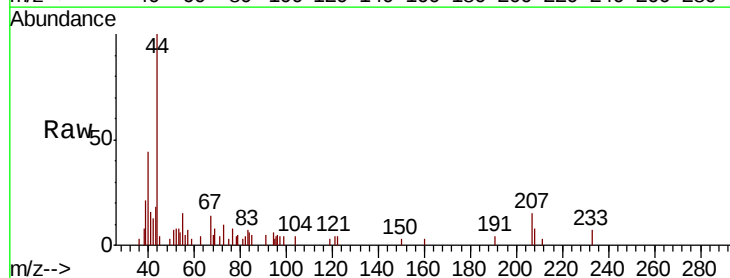
Instrument :
MSVOA_F
ClientSampled :

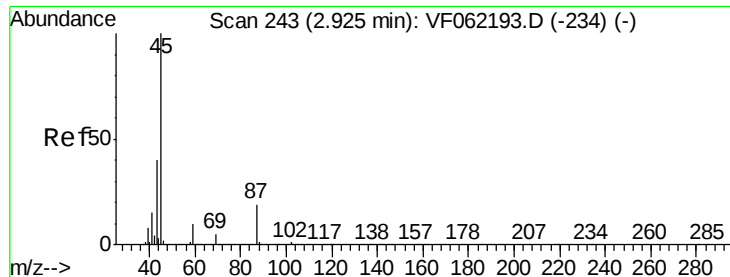
Tot Ion: 84 Resp: 262
Ion Ratio Lower Upper
84 100
49 57.0 114.0 171.0#
51 13.5 37.0 55.4#
86 0.0 49.8 74.8#



#21
trans-1,2-Dichloroethene
Concen: 0.459 ug/l
RT: 2.37 min Scan# 187
Delta R.T. -0.04 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 96 Resp: 223
Ion Ratio Lower Upper
96 100
61 0.0 114.6 172.0#
98 0.0 51.2 76.8#



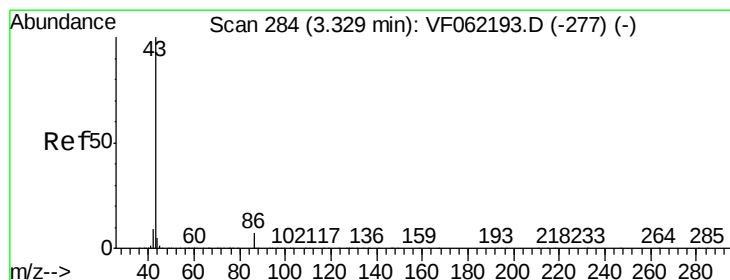
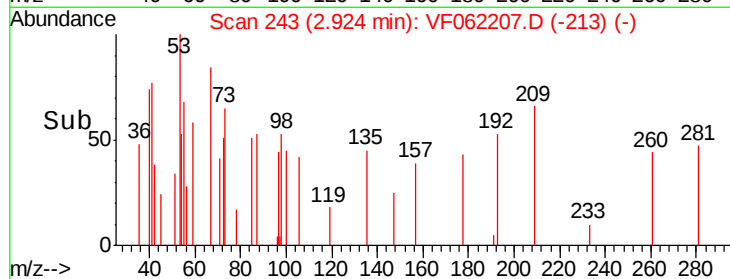
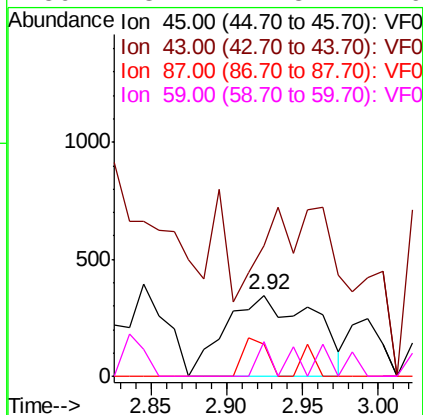
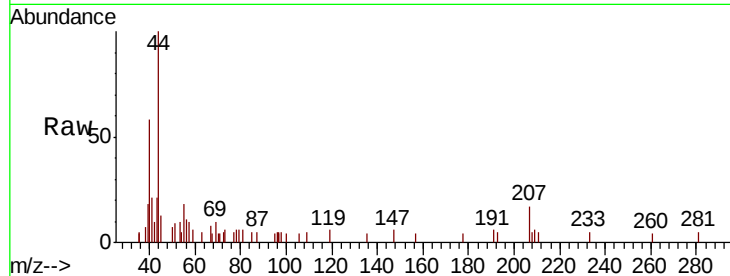


#22

Diisopropyl ether
Concen: 0.965 ug/l
RT: 2.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampleId :

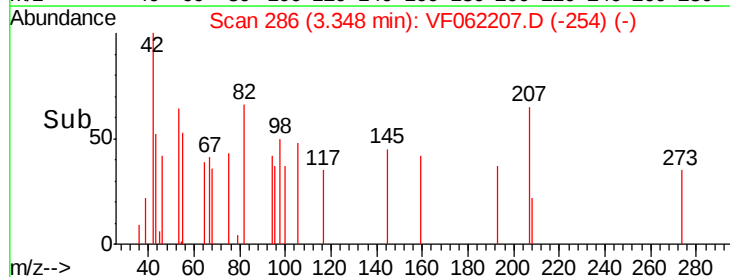
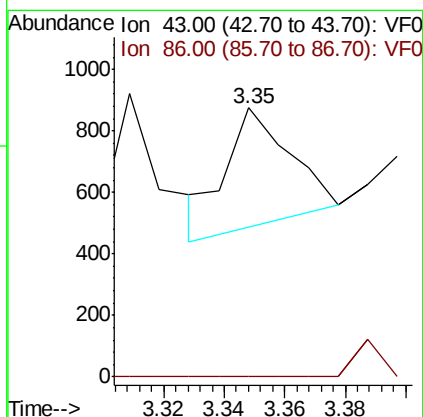
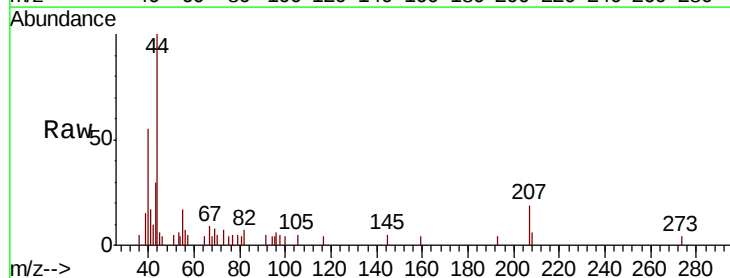
Tot Ion:	45	Resp:	1392
Ion	Ratio	Lower	Upper
45	100		
43	37.3	32.8	49.2
87	39.0	15.2	22.8#
59	43.1	7.8	11.6#

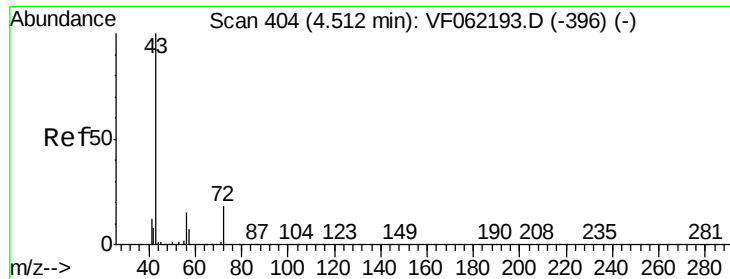


#23

Vinyl Acetate
Concen: 0.840 ug/l
RT: 3.35 min Scan# 286
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion:	43	Resp:	577
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#

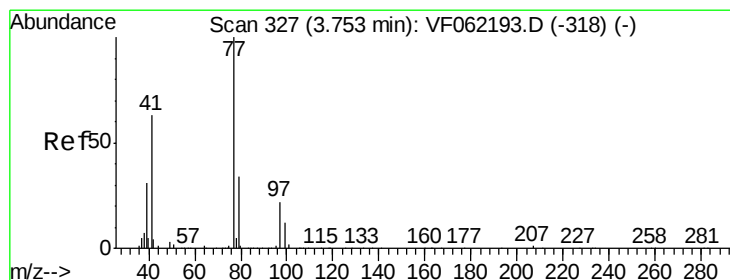
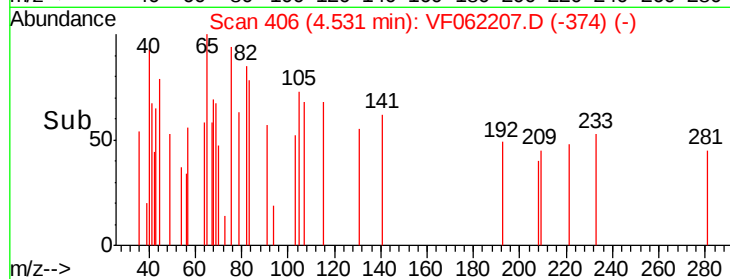
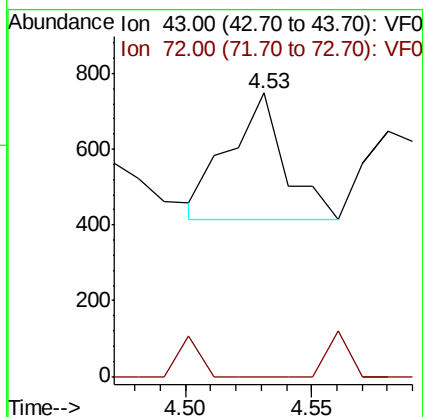
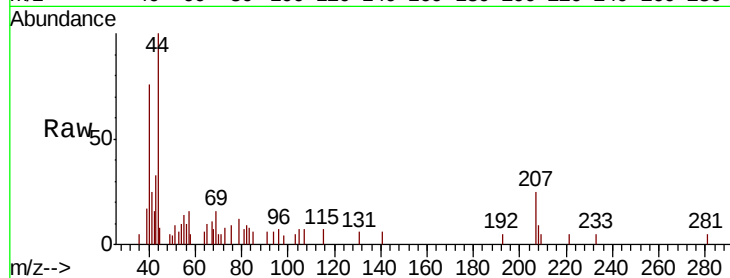




#25
2-Butanone
Concen: 2.680 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

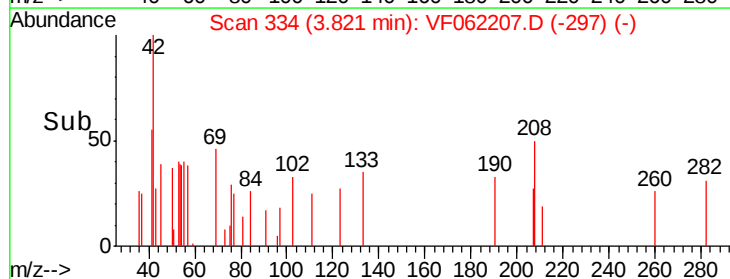
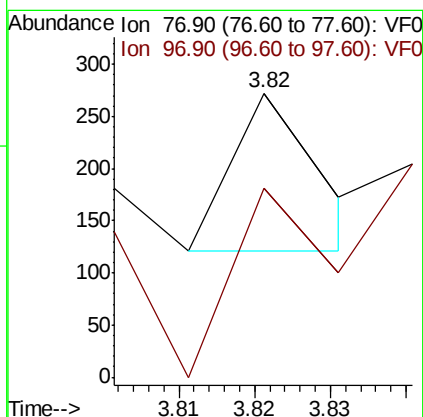
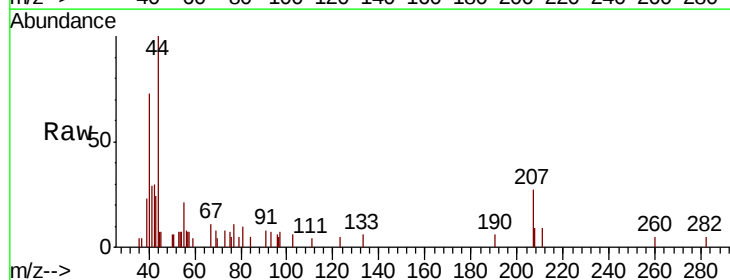
Instrument :
MSVOA_F
ClientSampled :

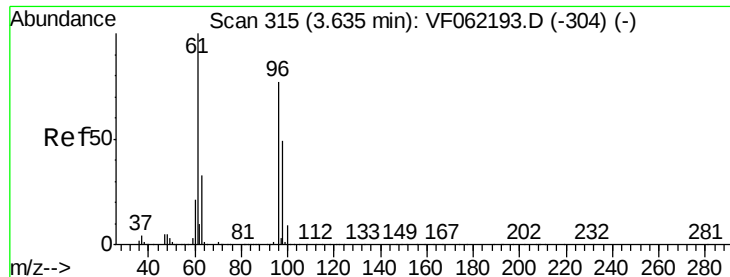
Tot Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
72 0.0 16.1 24.1#



#26
2,2-Dichloropropane
Concen: 0.301 ug/l
RT: 3.82 min Scan# 334
Delta R.T. 0.07 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 77 Resp: 120
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.3#



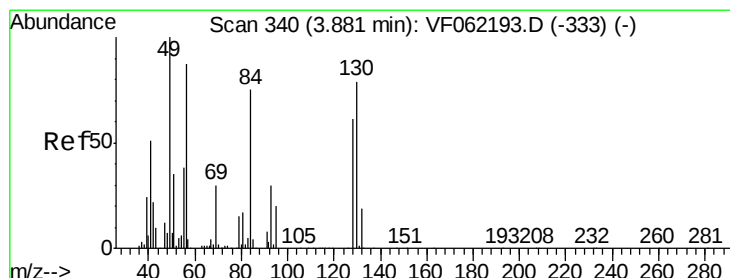
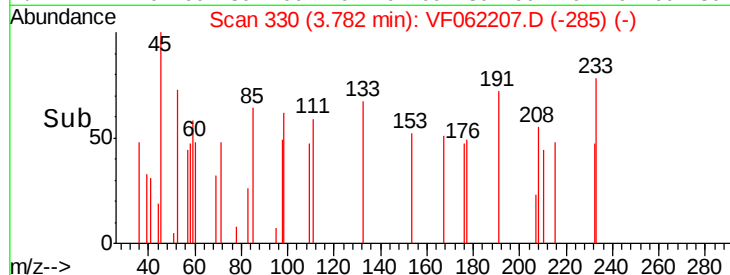
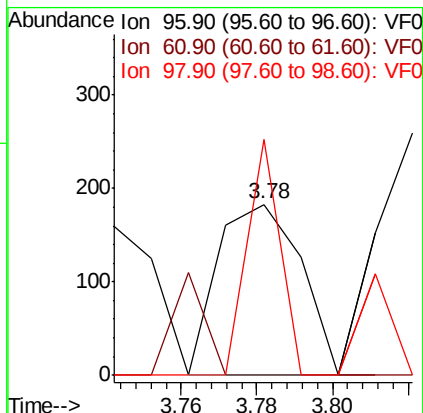
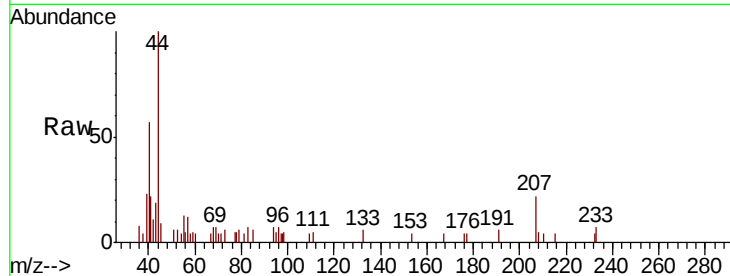


#27

cis-1,2-Dichloroethene
Concen: 0.443 ug/l
RT: 3.78 min Scan# 330
Delta R.T. 0.15 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampleId :

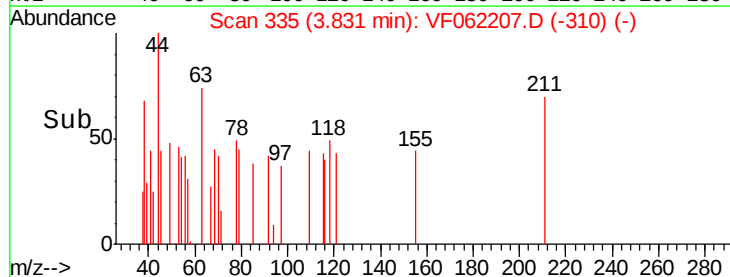
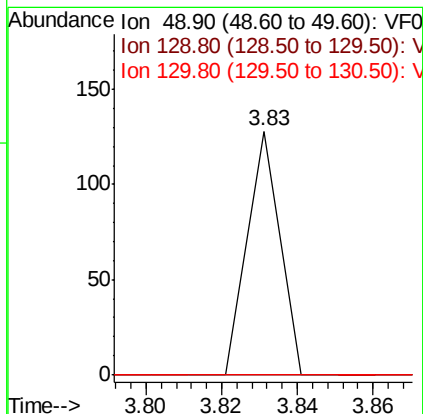
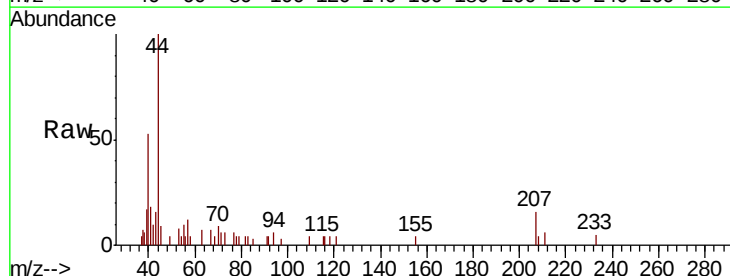
Tot Ion	Ratio	Lower	Upper
96	100		
61	23.3	0.0	253.6
98	53.8	0.0	124.8

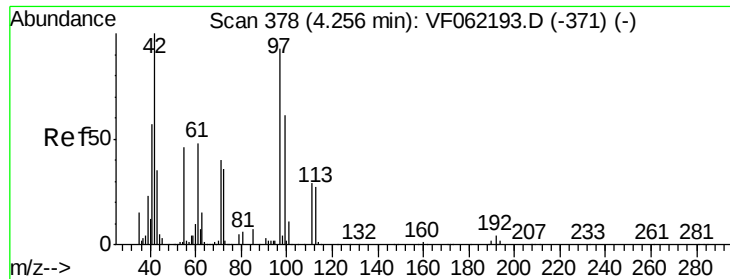


#28

Bromochloromethane
Concen: 0.201 ug/l
RT: 3.83 min Scan# 335
Delta R.T. -0.05 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	66.6	100.0#

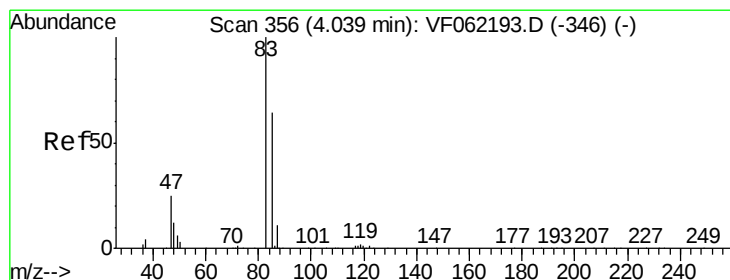
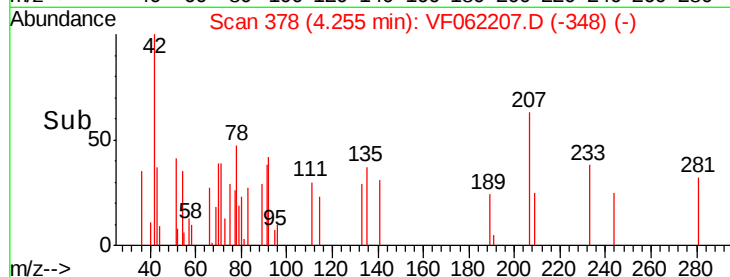
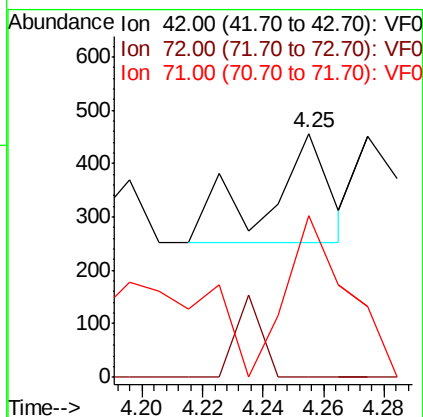
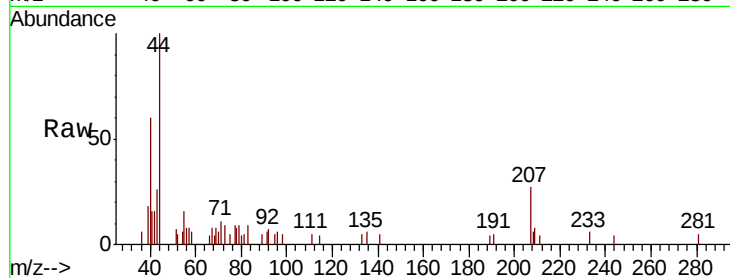




#29
Tetrahydrofuran
Concen: 3.280 ug/l
RT: 4.25 min Scan# 378
Delta R.T. -0.00 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

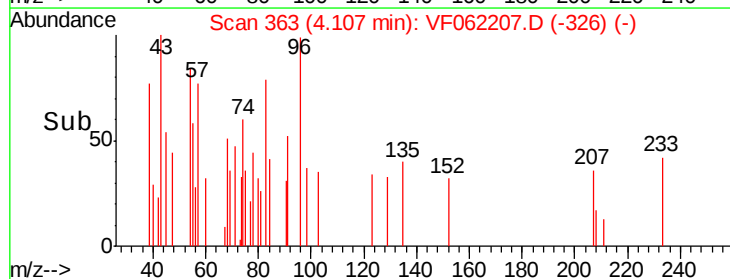
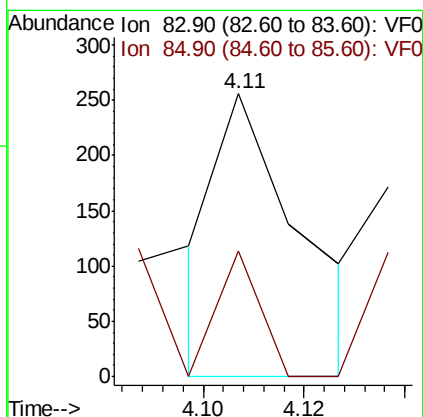
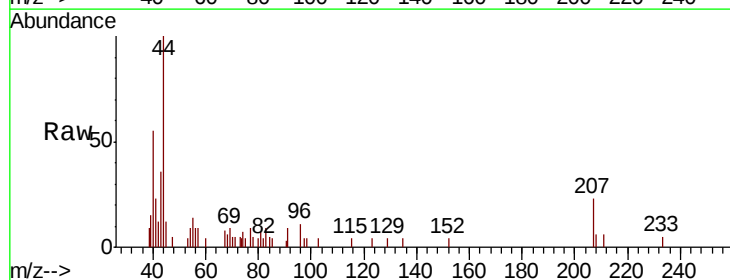
Instrument :
MSVOA_F
ClientSampled :

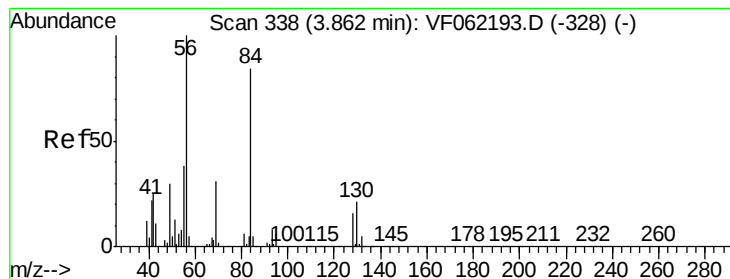
Tot Ion: 42 Resp: 287
Ion Ratio Lower Upper
42 100
72 32.1 28.6 43.0
71 148.8 29.2 43.8#



#30
Chloroform
Concen: 0.302 ug/l
RT: 4.11 min Scan# 363
Delta R.T. 0.07 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 83 Resp: 293
Ion Ratio Lower Upper
83 100
85 74.0 51.8 77.8





#31

Cyclohexane

Concen: 0.796 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampled :

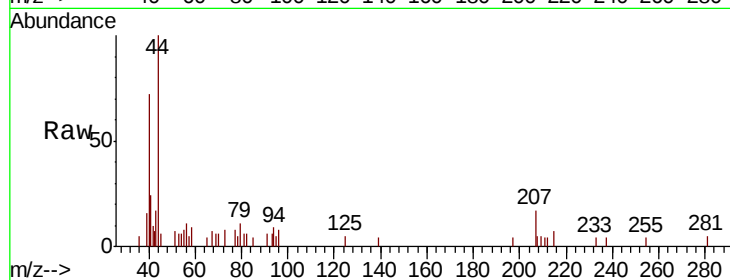
Tot Ion: 56 Resp: 753

Ion Ratio Lower Upper

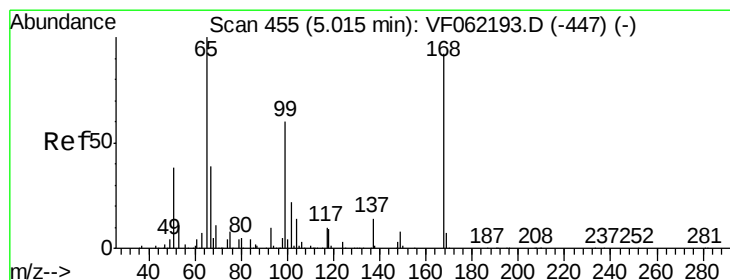
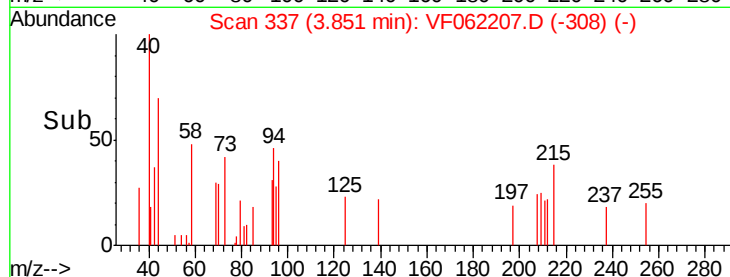
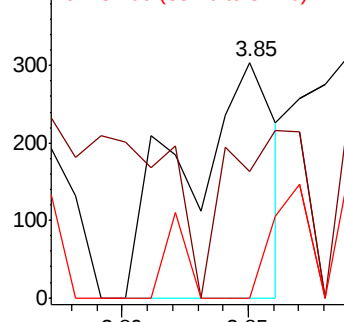
56 100

69 0.0 25.1 37.7#

84 0.0 67.8 101.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 13.818 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062207.D

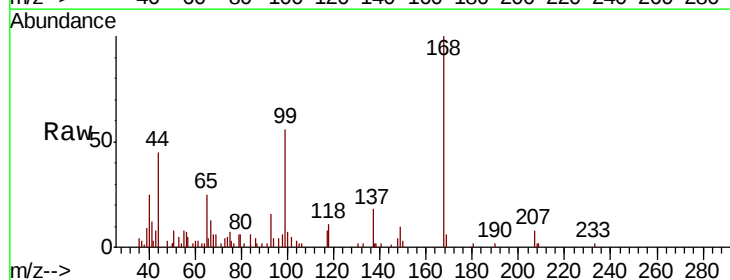
Acq: 18 Apr 2019 16:13

Tgt Ion: 65 Resp: 5589

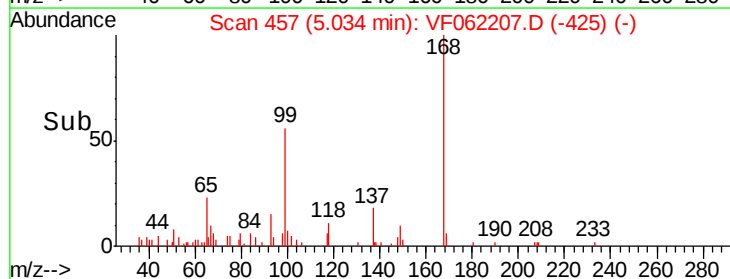
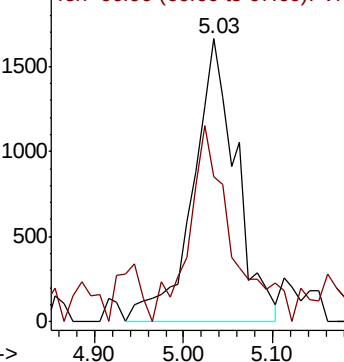
Ion Ratio Lower Upper

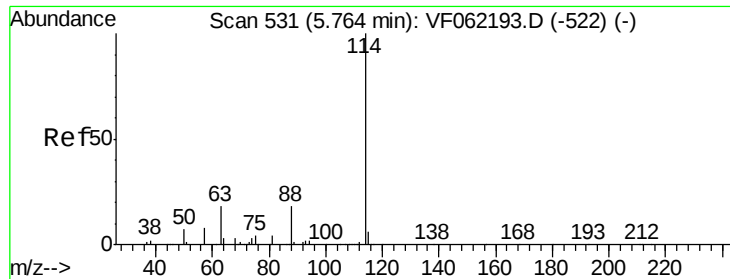
65 100

67 68.2 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# 532

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampleId :

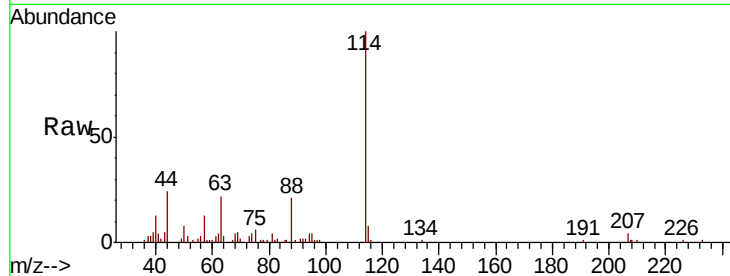
Tot Ion:114 Resp: 37660

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.6

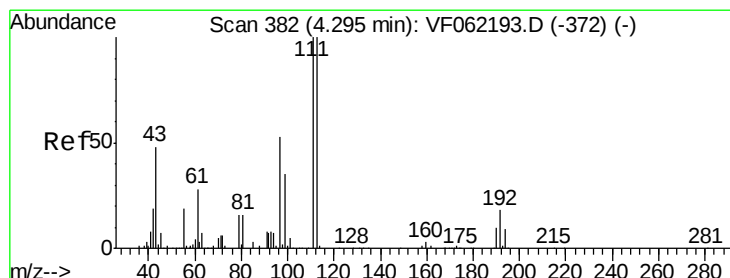
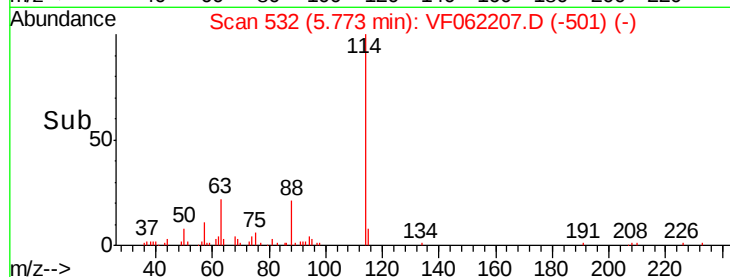
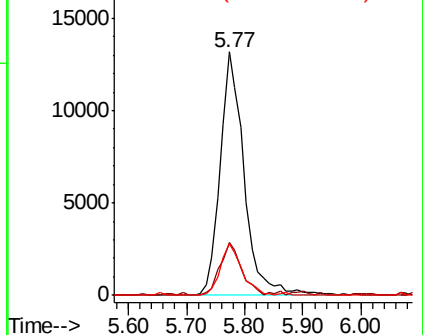
88 21.1 0.0 35.8



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: 26.264 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

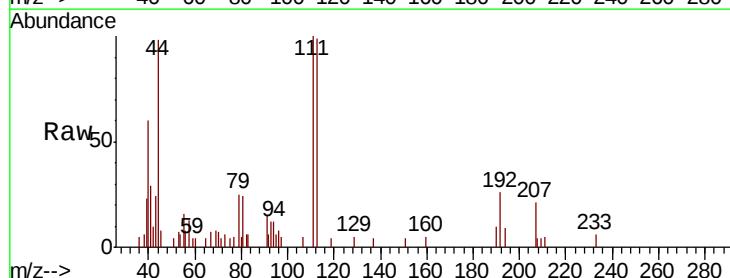
Tgt Ion:113 Resp: 8652

Ion Ratio Lower Upper

113 100

111 110.9 81.1 121.7

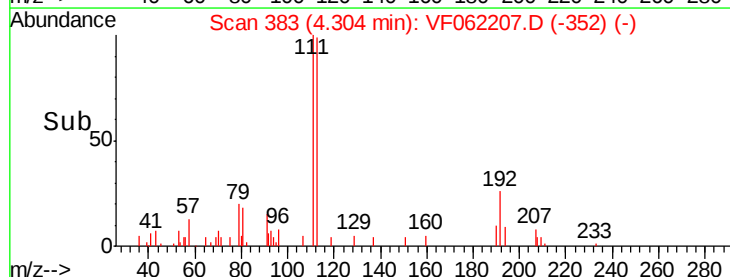
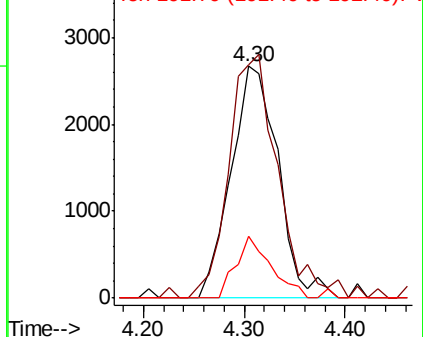
192 19.7 14.7 22.1

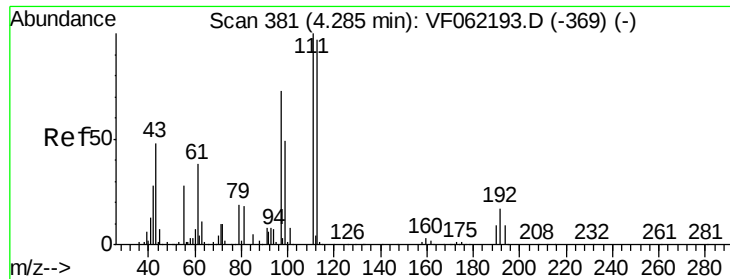


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

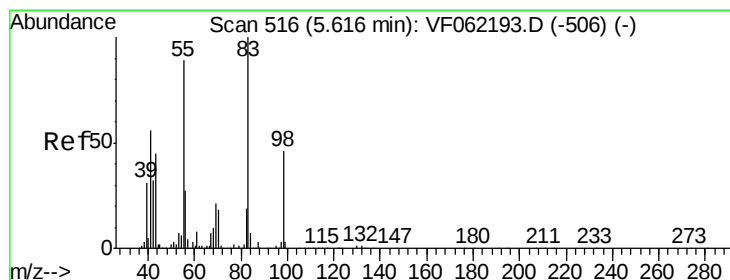
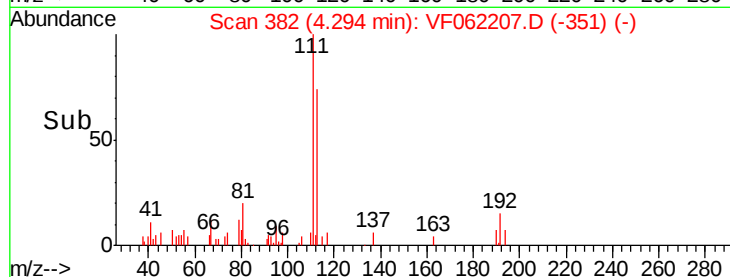
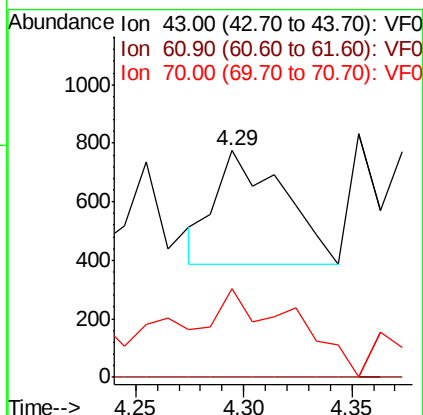
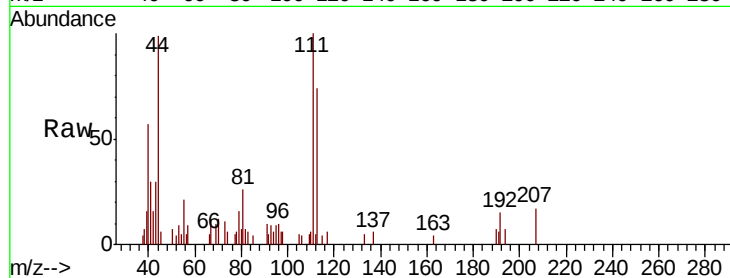




#37
Ethyl Acetate
Concen: 3.957 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

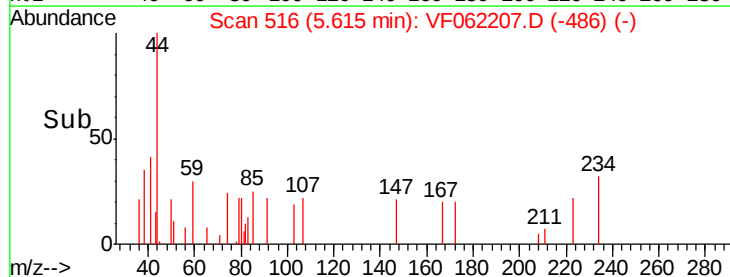
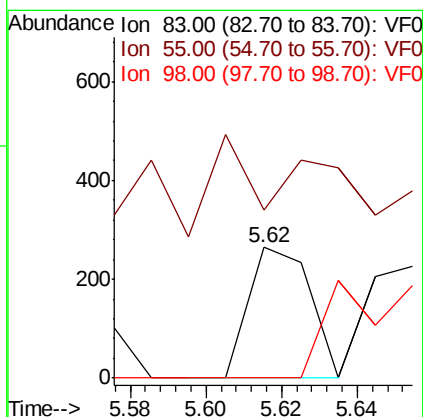
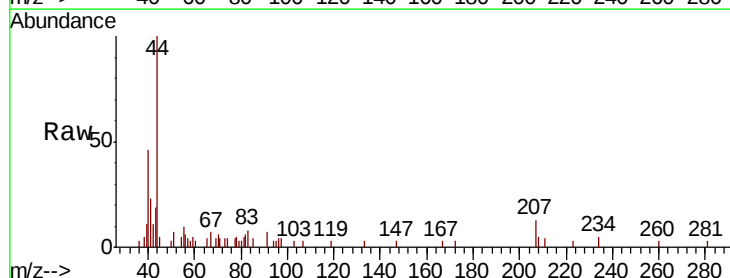
Instrument :
MSVOA_F
ClientSampleId :

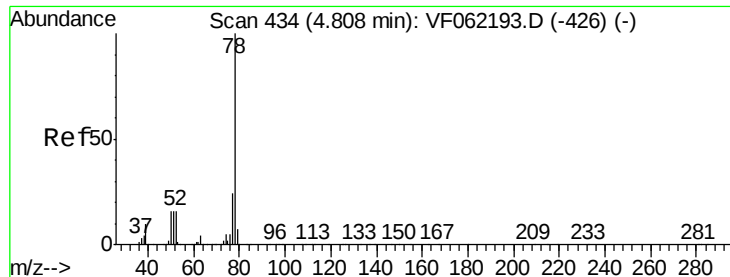
Tot Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 132.4 7.8 11.6#



#39
Methylcyclohexane
Concen: 0.546 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.00 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 83 Resp: 295
Ion Ratio Lower Upper
83 100
55 21.2 71.0 106.6#
98 0.0 36.7 55.1#





#40

Benzene

Concen: 0.784 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

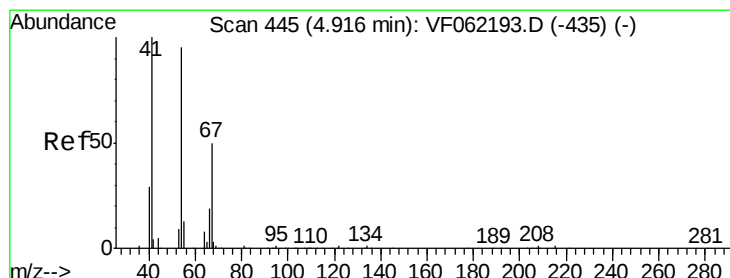
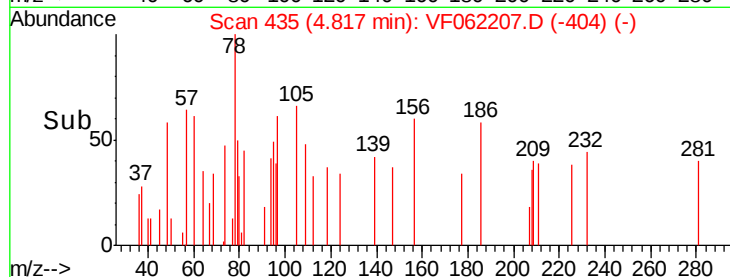
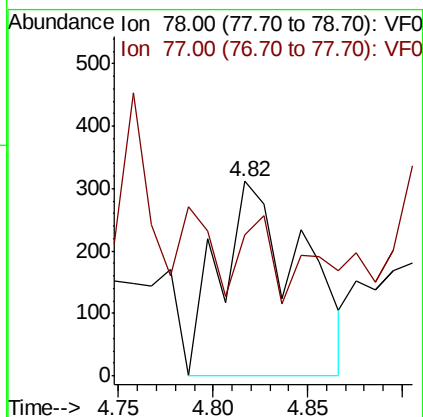
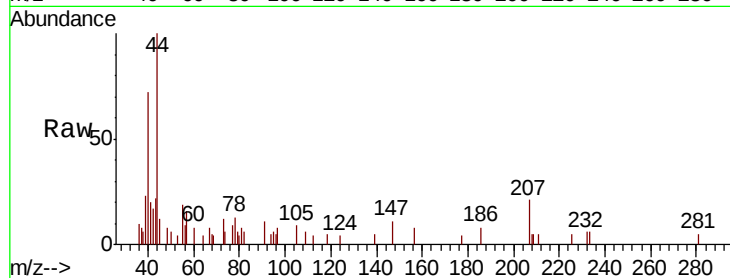
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 78 Resp: 929

Ion Ratio Lower Upper

78 100

77 18.3 18.9 28.3#



#41

Methacrylonitrile

Concen: 3.360 ug/l

RT: 4.94 min Scan# 448

Delta R.T. 0.03 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Tgt Ion: 41 Resp: 413

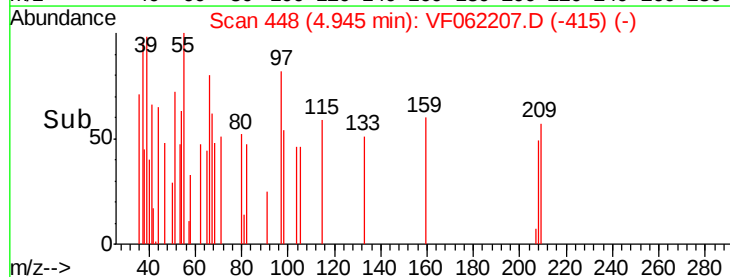
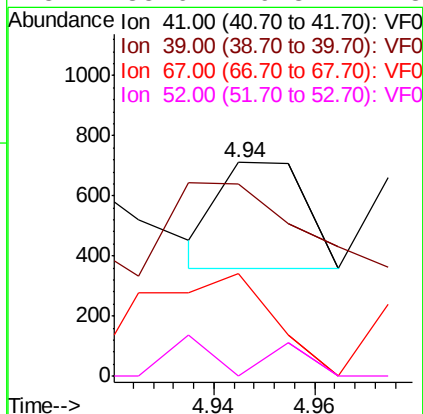
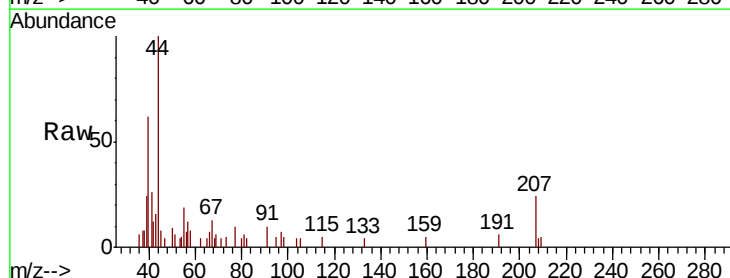
Ion Ratio Lower Upper

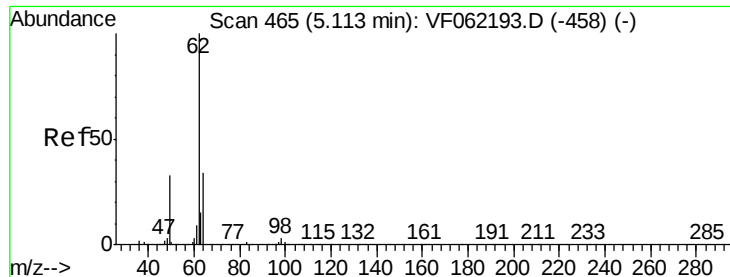
41 100

39 133.4 44.7 67.1#

67 147.5 39.1 58.7#

52 35.6 49.8 74.8#





#42

1,2-Dichloroethane

Concen: 0.230 ug/l

RT: 5.15 min Scan# 469

Delta R.T. 0.04 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

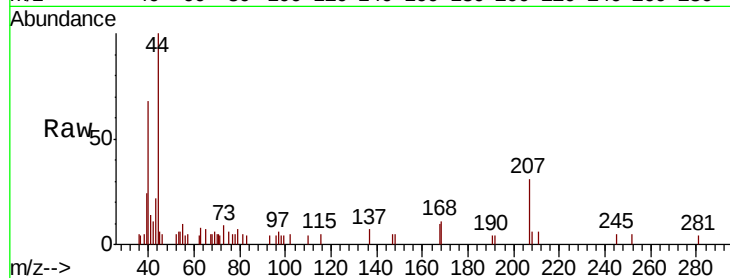
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 62 Resp: 72

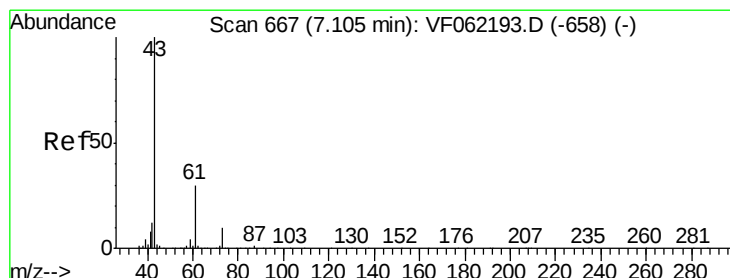
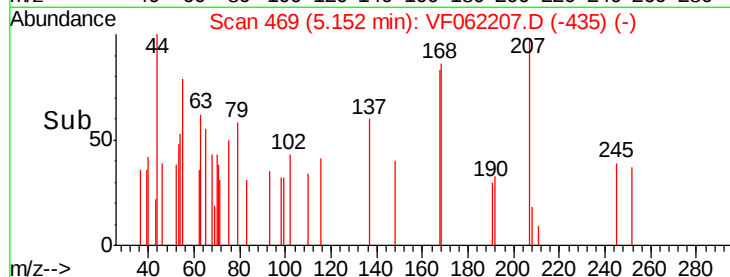
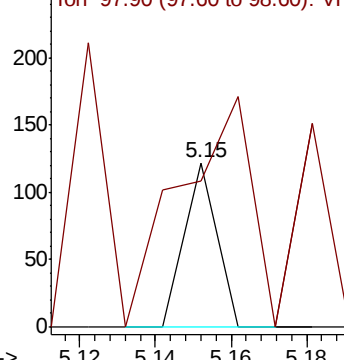
Ion Ratio Lower Upper

62 100

98 437.5 0.0 19.0#



Abundance Ion 61.90 (61.60 to 62.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



#43

Isopropyl Acetate

Concen: 2.428 ug/l

RT: 7.11 min Scan# 668

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

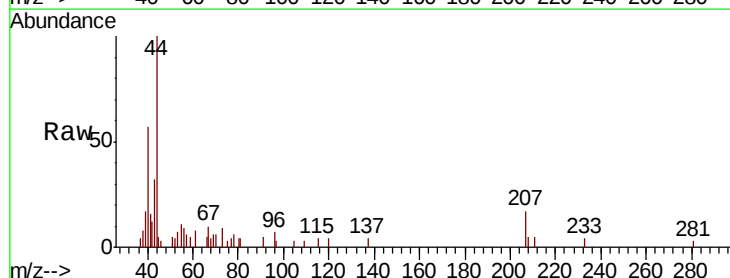
Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

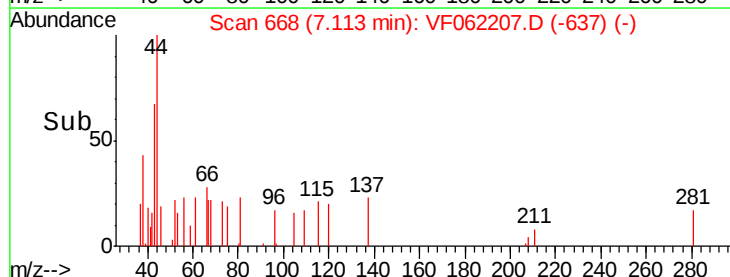
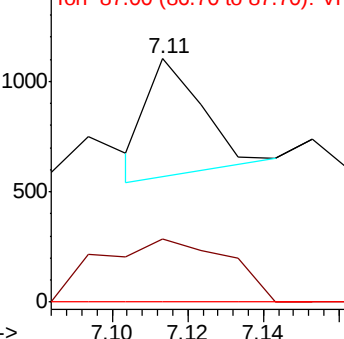
43 100

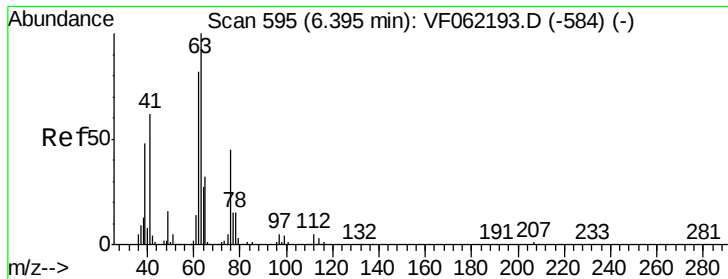
61 123.3 24.4 36.6#

87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0





#45

1,2-Dichloropropane

Concen: 1.779 ug/l

RT: 6.41 min Scan# 597

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

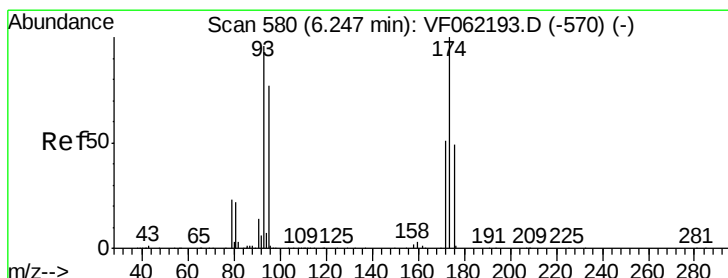
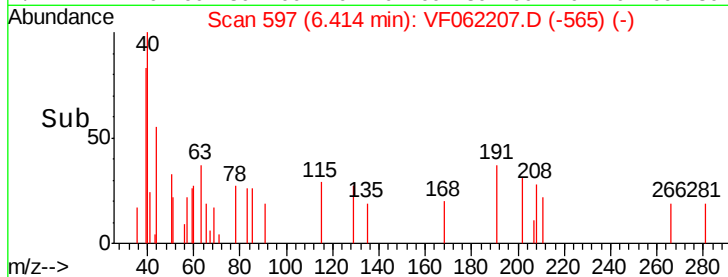
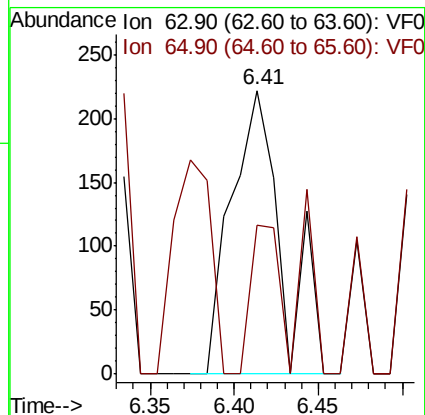
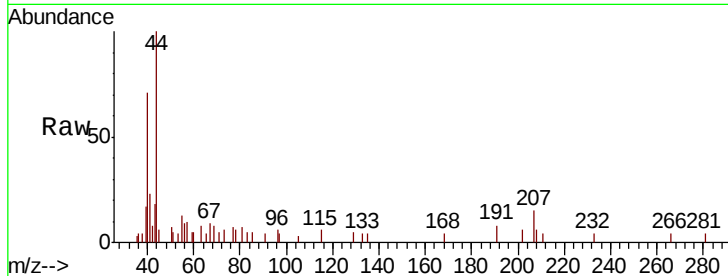
ClientSampleId :

Tot Ion: 63 Resp: 464

Ion Ratio Lower Upper

63 100

65 52.3 25.9 38.9#



#46

Dibromomethane

Concen: 1.141 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

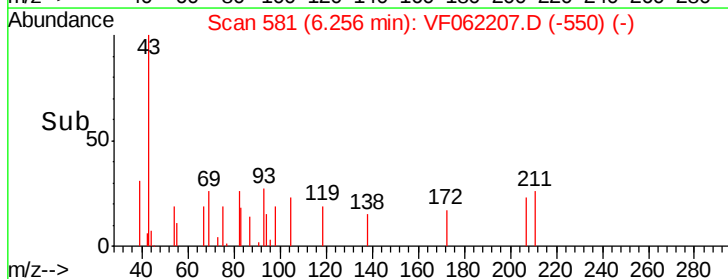
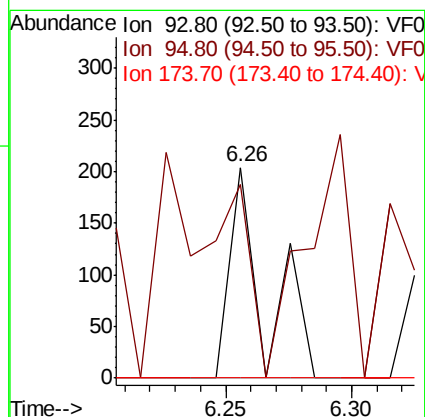
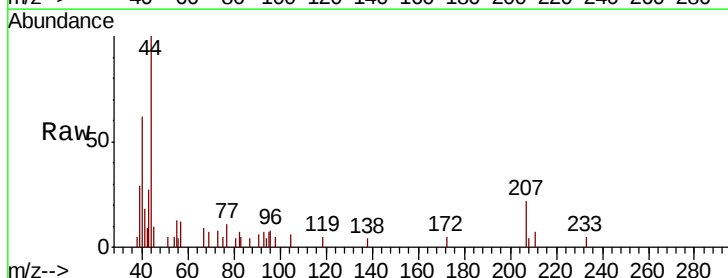
Tgt Ion: 93 Resp: 198

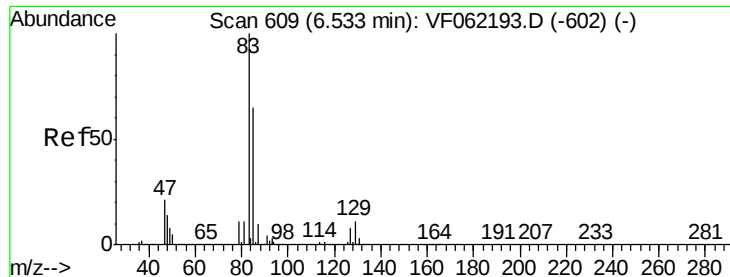
Ion Ratio Lower Upper

93 100

95 0.0 65.1 97.7#

174 0.0 81.8 122.6#





#47

Bromodichloromethane

Concen: 1.266 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampled :

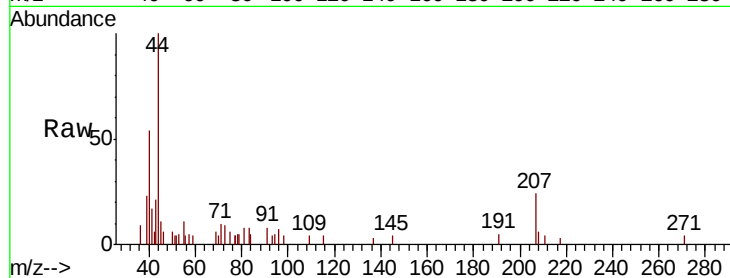
Tot Ion: 83 Resp: 496

Ion Ratio Lower Upper

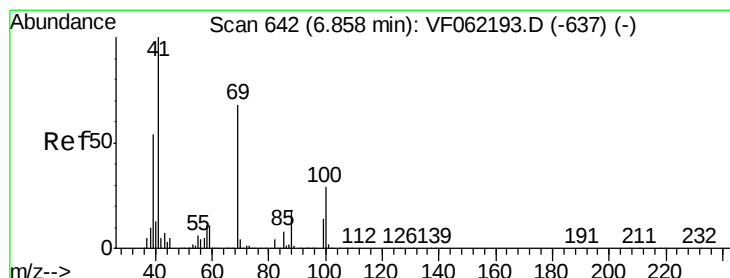
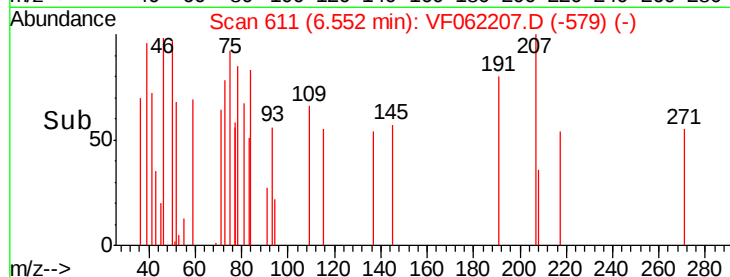
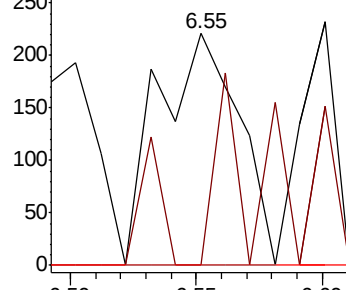
83 100

85 0.0 52.2 78.4#

127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.913 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

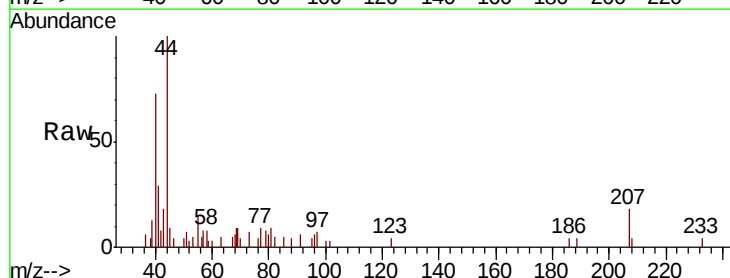
Tgt Ion: 41 Resp: 429

Ion Ratio Lower Upper

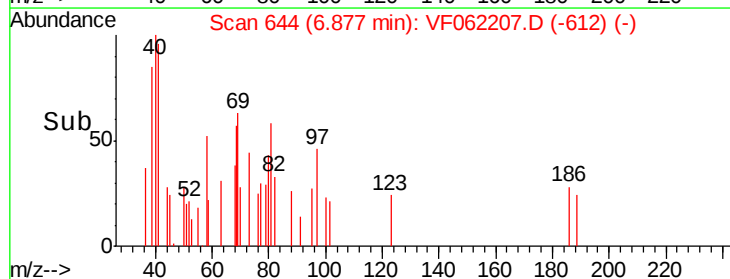
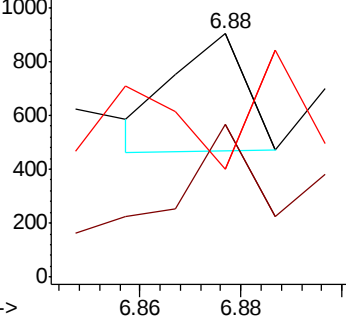
41 100

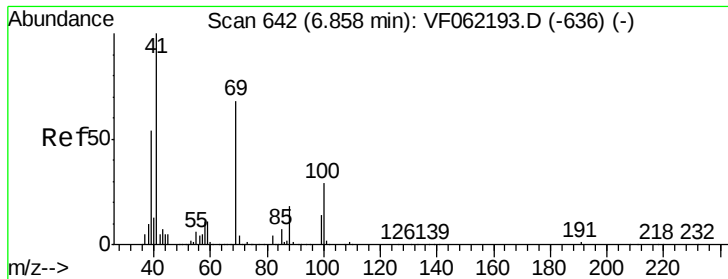
69 268.3 54.9 82.3#

39 213.3 43.6 65.4#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 177.625 ug/l

RT: 6.87 min Scan# 643

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampleId :

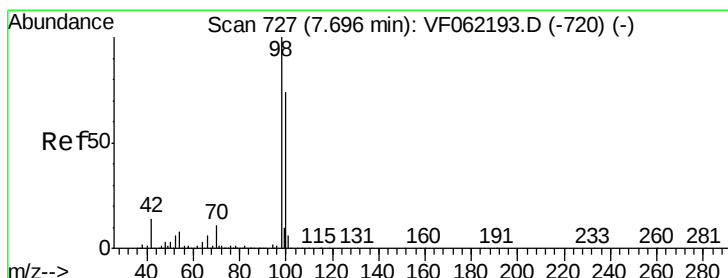
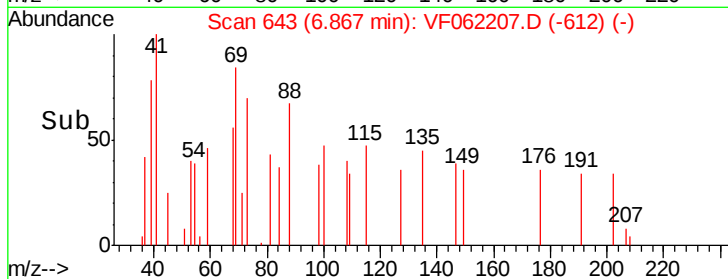
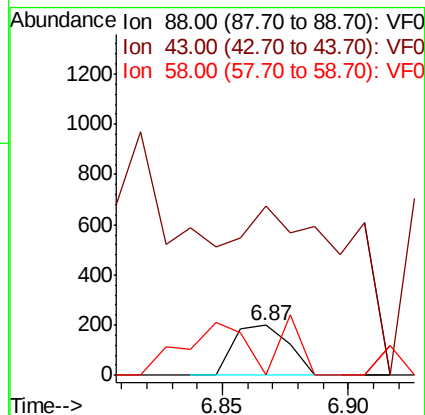
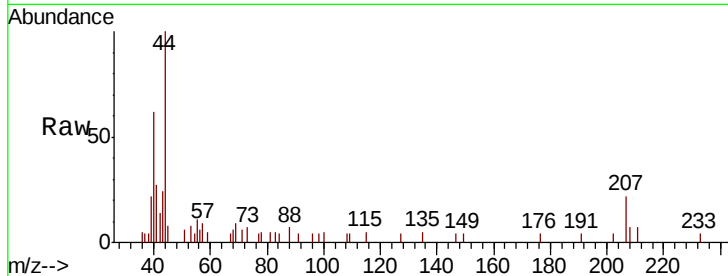
Tot Ion: 88 Resp: 300

Ion Ratio Lower Upper

88 100

43 0.0 36.9 55.3#

58 118.0 56.8 85.2#



#50

Toluene-d8

Concen: 41.728 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062207.D

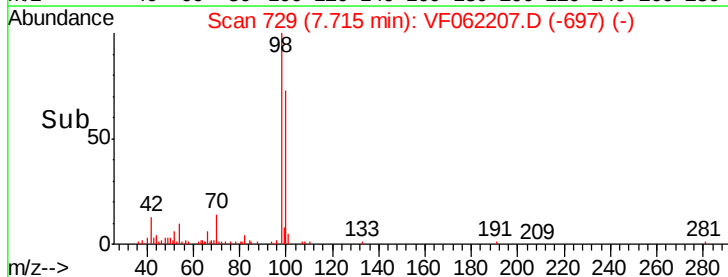
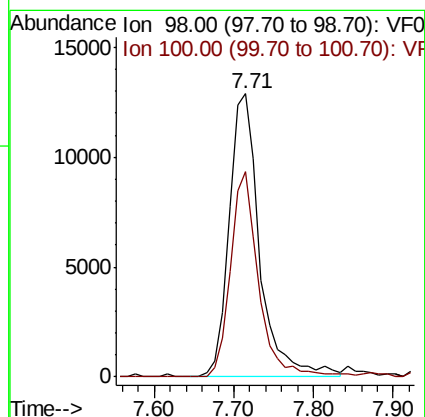
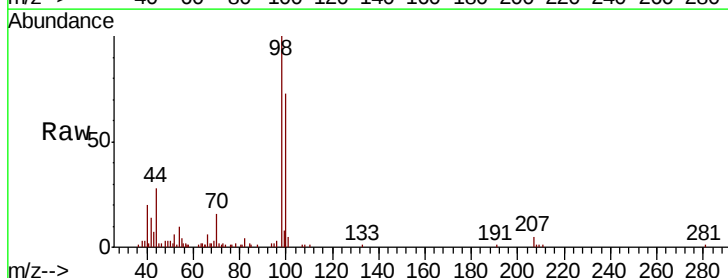
Acq: 18 Apr 2019 16:13

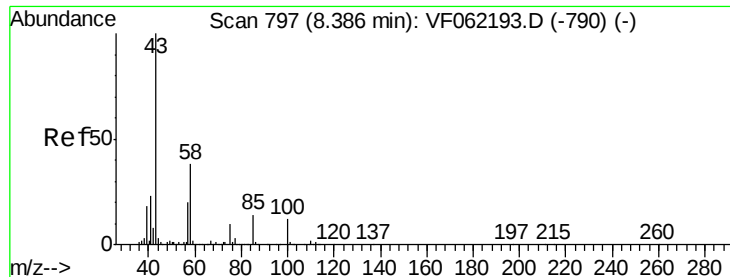
Tgt Ion: 98 Resp: 34797

Ion Ratio Lower Upper

98 100

100 65.9 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 9.413 ug/l

RT: 8.40 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

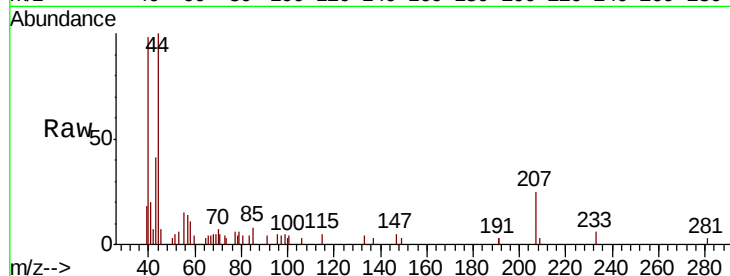
ClientSampleId :

Tot Ion: 43 Resp: 1569

Ion Ratio Lower Upper

43 100

58 49.8 29.3 43.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.40

1500

1000

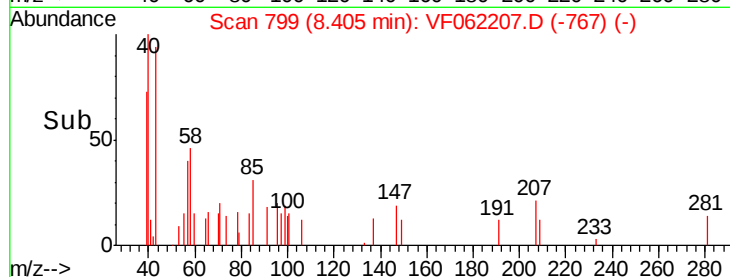
500

0

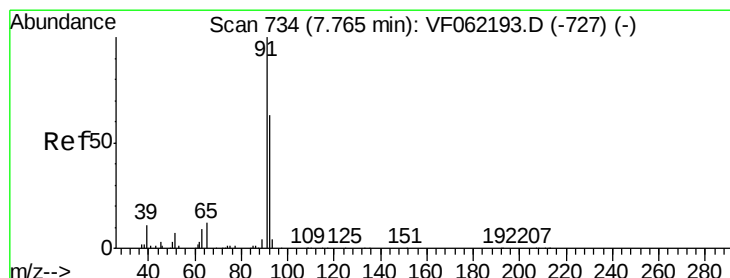
8.35

8.40

8.45



Time-->



#52

Toluene

Concen: 0.388 ug/l

RT: 7.73 min Scan# 731

Delta R.T. -0.03 min

Lab File: VF062207.D

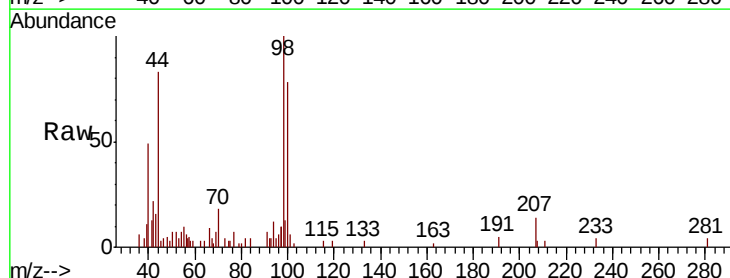
Acq: 18 Apr 2019 16:13

Tgt Ion: 92 Resp: 242

Ion Ratio Lower Upper

92 100

91 159.1 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

600

500

400

300

200

100

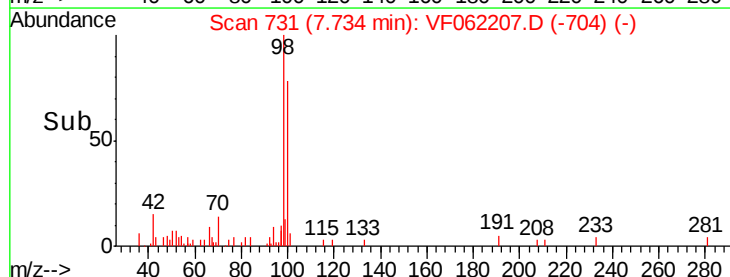
0

7.70

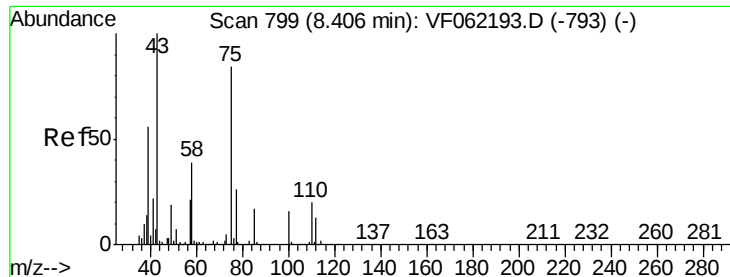
7.72

7.74

7.76



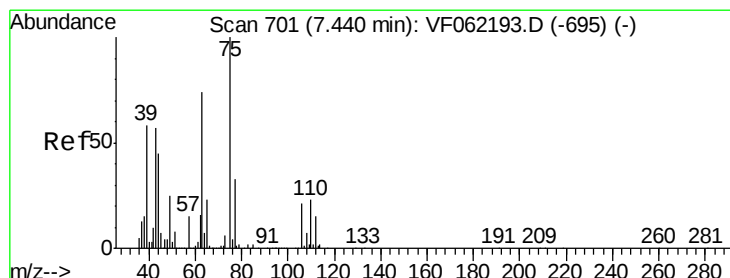
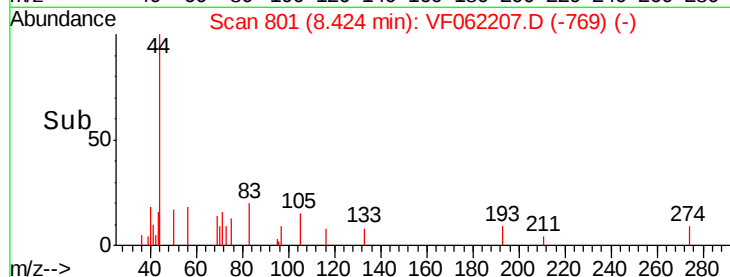
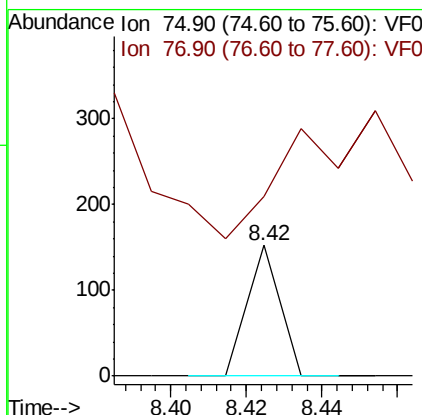
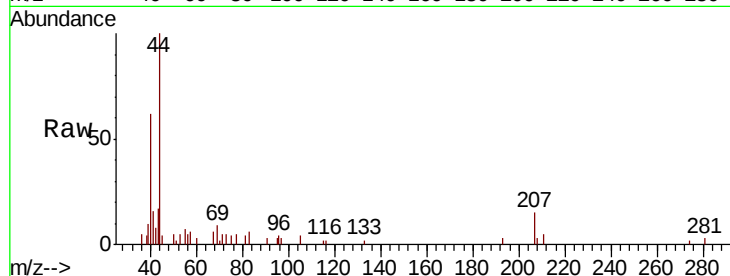
Time-->



#53
t-1,3-Dichloropropene
Concen: 0.306 ug/l
RT: 8.42 min Scan# 801
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

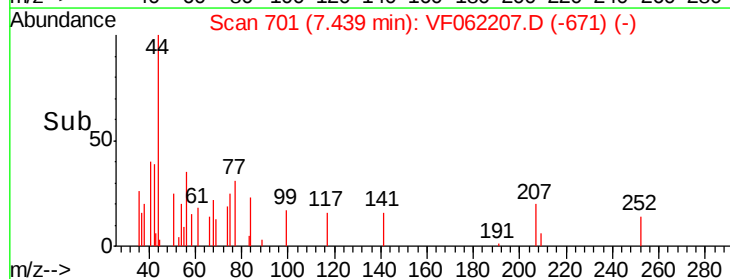
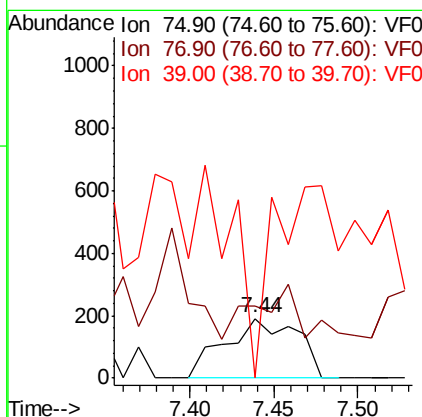
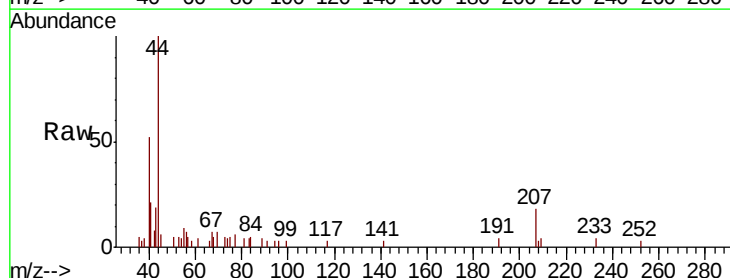
Instrument :
MSVOA_F
ClientSampleId :

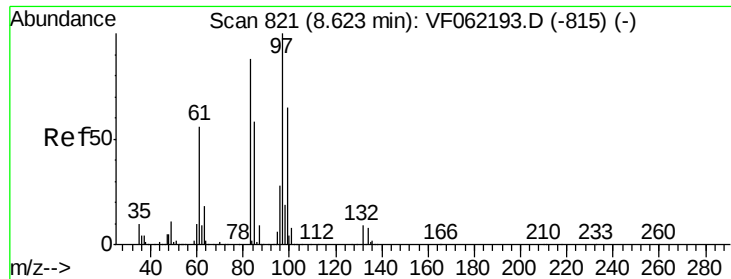
Tot Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
77 5.3 24.6 36.8#



#54
cis-1,3-Dichloropropene
Concen: 1.430 ug/l
RT: 7.44 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 75 Resp: 569
Ion Ratio Lower Upper
75 100
77 46.6 26.4 39.6#
39 0.0 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 0.795 ug/l

RT: 8.67 min Scan# 826

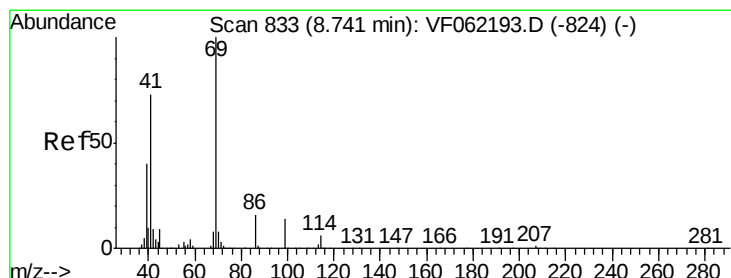
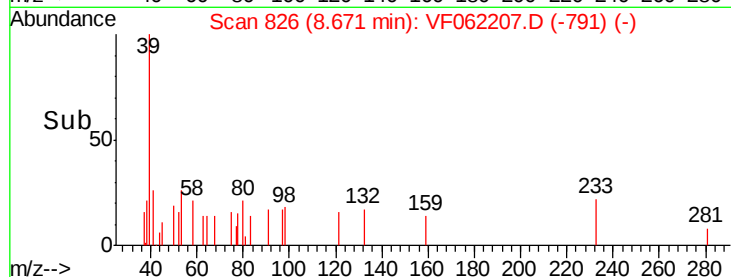
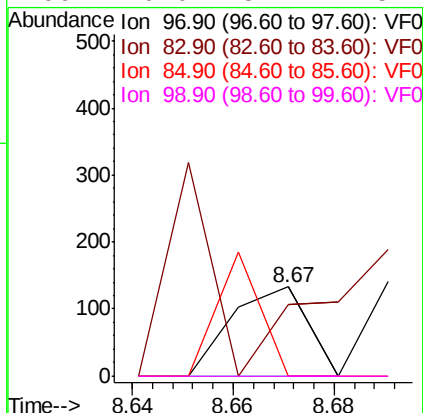
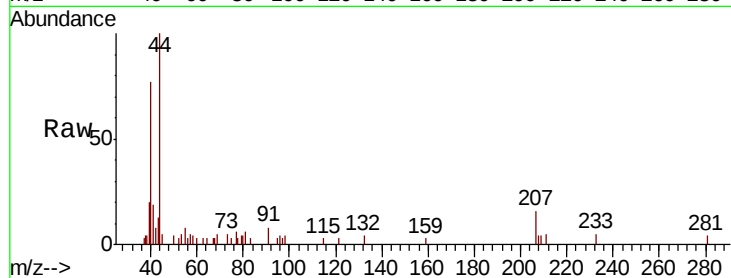
Delta R.T. 0.05 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	97	Resp:	139
Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.2	105.2#
85	0.0	46.2	69.4#
99	0.0	52.2	78.4#



#56

Ethyl methacrylate

Concen: 3.752 ug/l

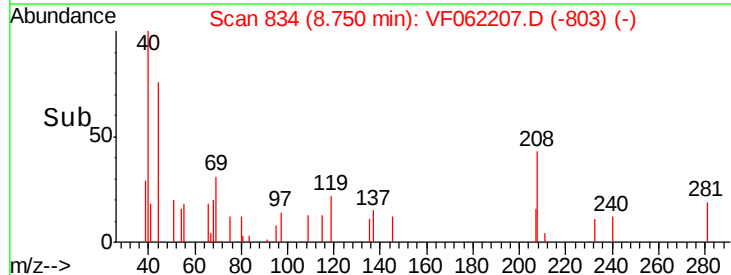
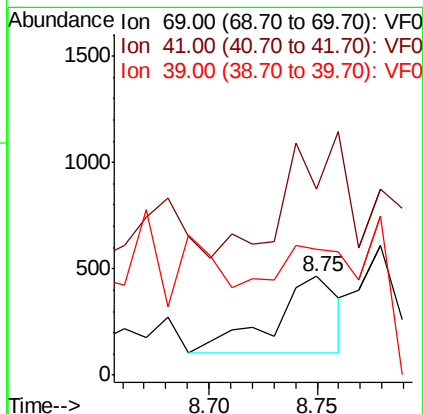
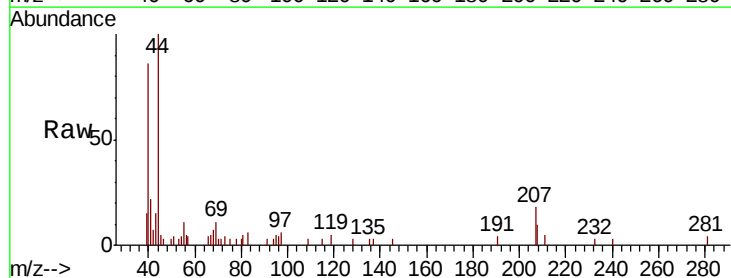
RT: 8.75 min Scan# 834

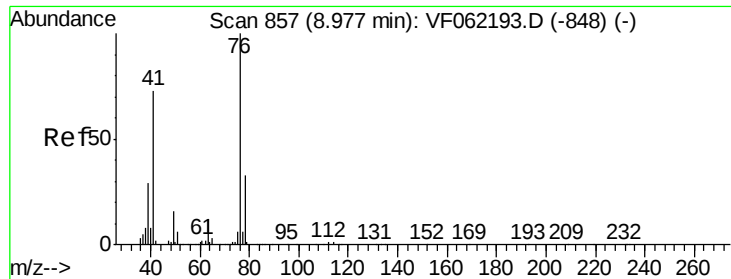
Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Tgt Ion:	69	Resp:	746
Ion	Ratio	Lower	Upper
69	100		
41	301.2	61.5	92.3#
39	0.0	33.3	49.9#





#57

1,3-Dichloropropane

Concen: 0.244 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

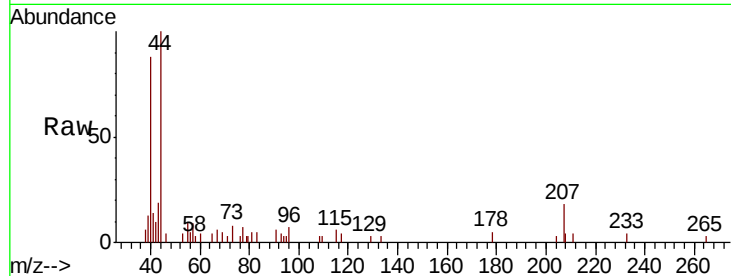
ClientSampleId :

Tot Ion: 76 Resp: 69

Ion Ratio Lower Upper

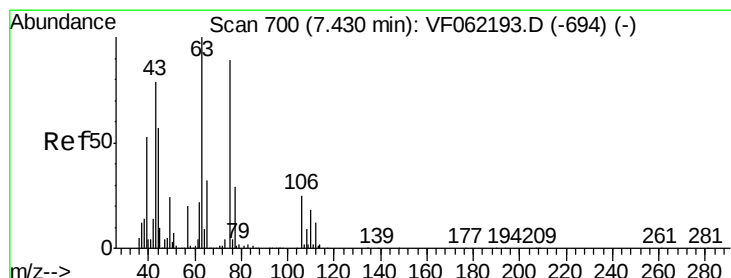
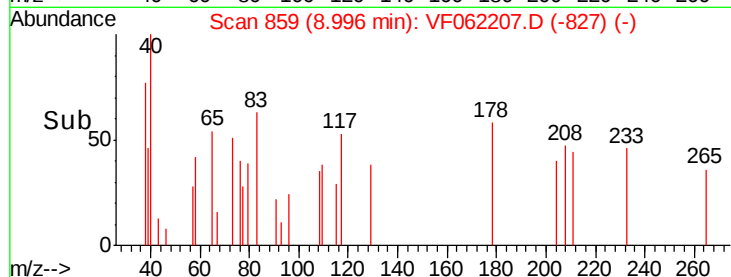
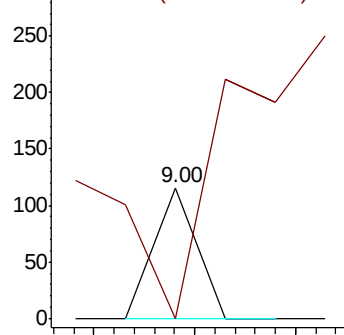
76 100

78 0.0 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: 2.564 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.01 min

Lab File: VF062207.D

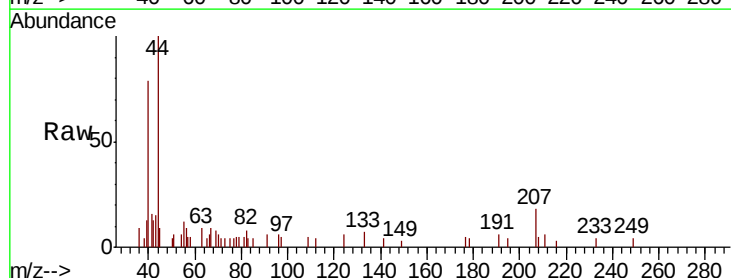
Acq: 18 Apr 2019 16:13

Tgt Ion: 63 Resp: 148

Ion Ratio Lower Upper

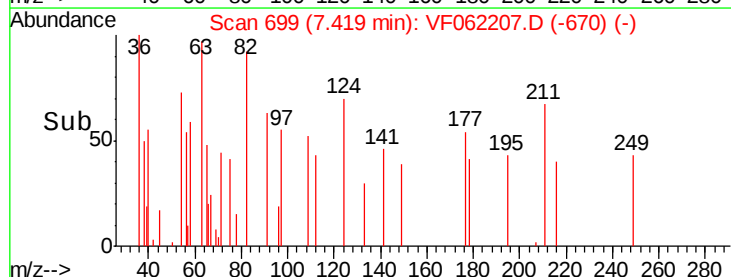
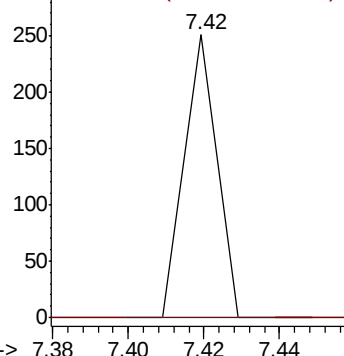
63 100

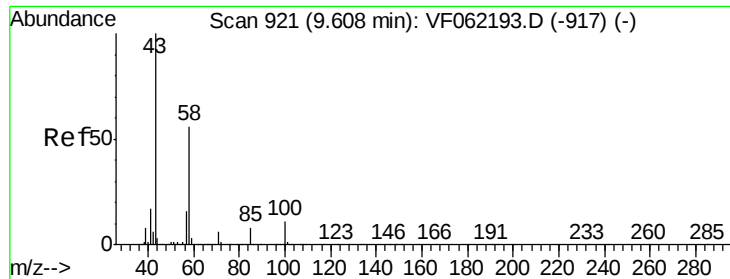
106 0.0 21.4 32.0#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

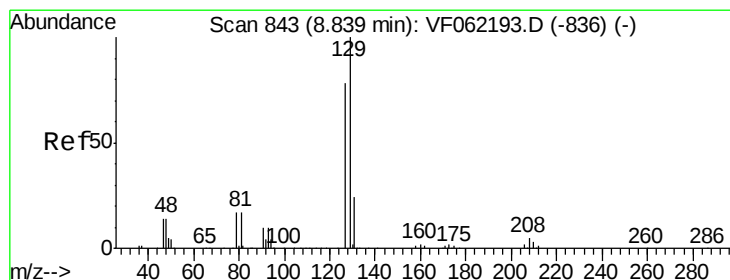
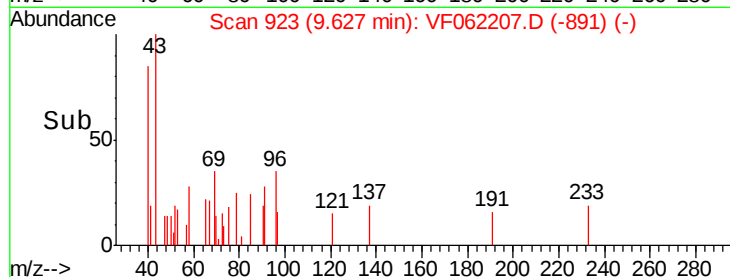
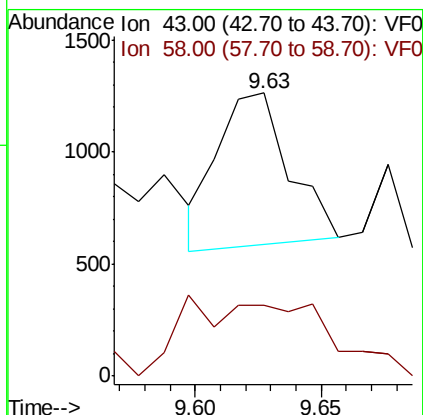
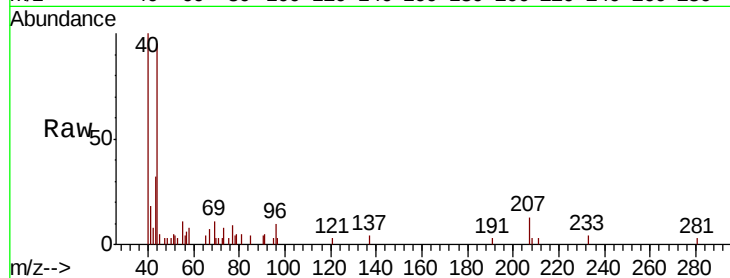




#59
2-Hexanone
Concen: 13.061 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

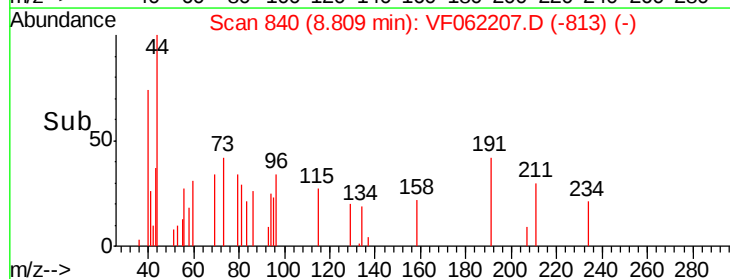
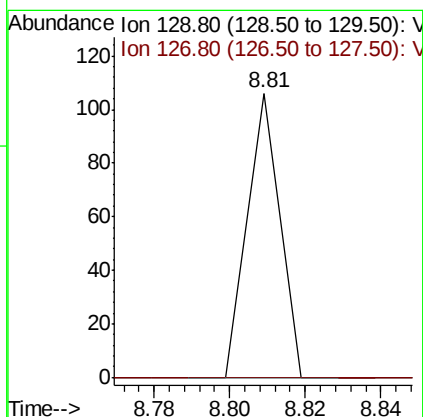
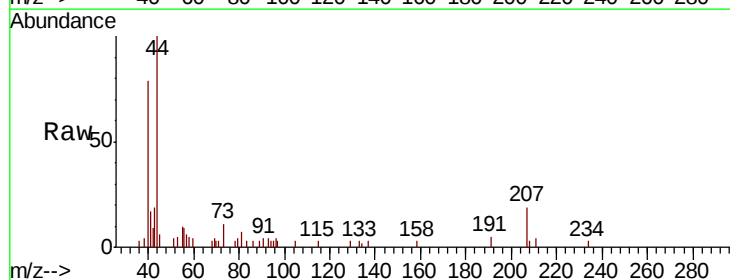
Instrument :
MSVOA_F
ClientSampleId :

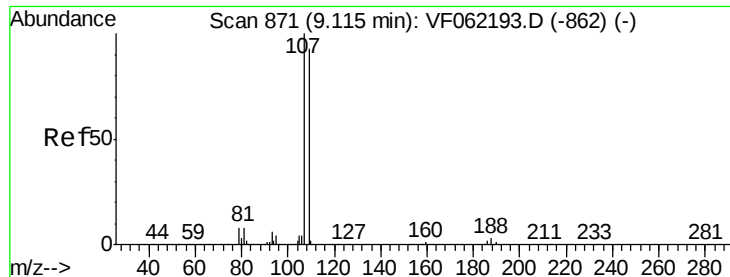
Tot Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 0.0 24.6 74.0#



#60
Dibromochloromethane
Concen: 0.242 ug/l
RT: 8.81 min Scan# 840
Delta R.T. -0.03 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 129 Resp: 63
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#





#61

1,2-Dibromoethane

Concen: 0.320 ug/l

RT: 9.02 min Scan# 861

Delta R.T. -0.10 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

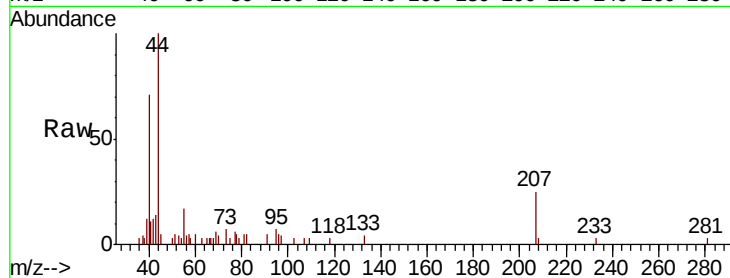
ClientSampleId :

Tot Ion:107 Resp: 63

Ion Ratio Lower Upper

107 100

109 104.8 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150

100

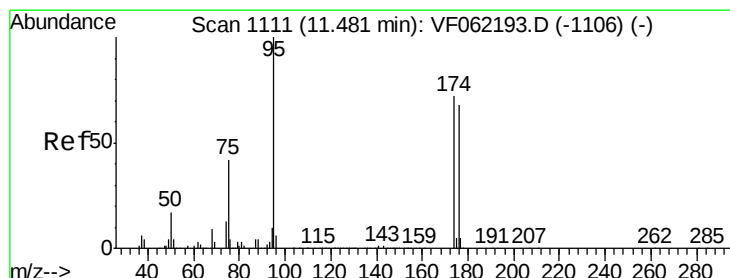
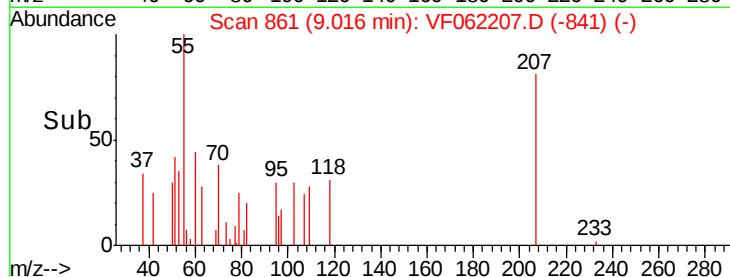
50

0

9.00

9.02

Time-->



#62

4-Bromofluorobenzene

Concen: 21.556 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

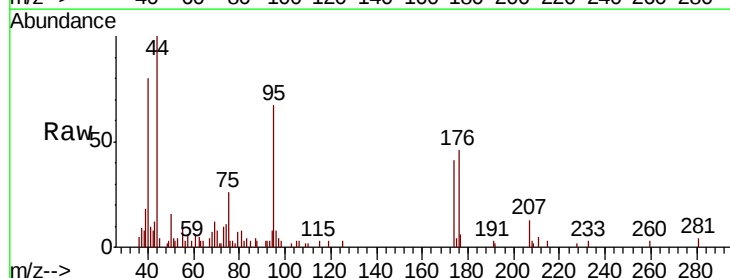
Tgt Ion: 95 Resp: 6915

Ion Ratio Lower Upper

95 100

174 73.8 0.0 159.4

176 80.4 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

4000

3000

2000

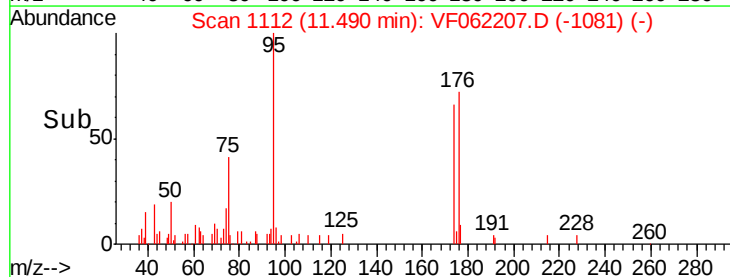
1000

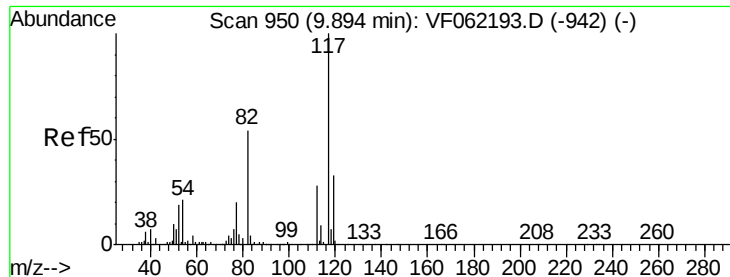
0

11.40

11.50

Time-->

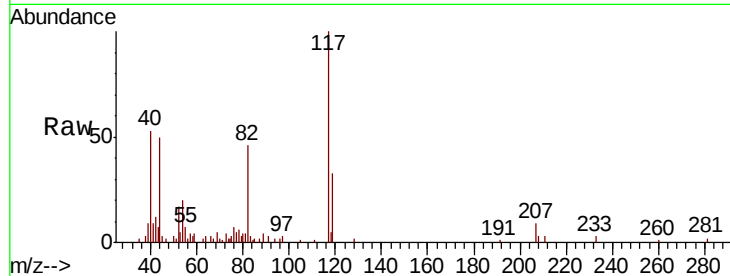




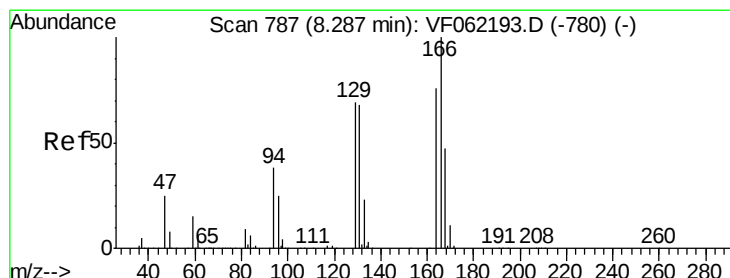
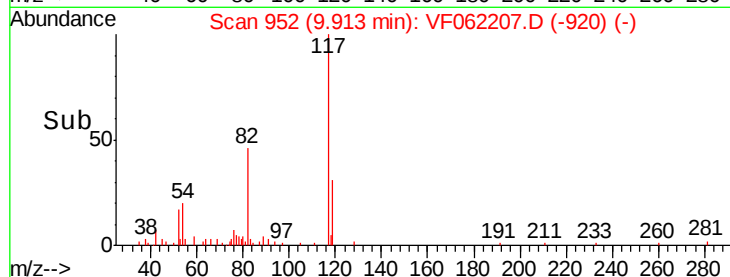
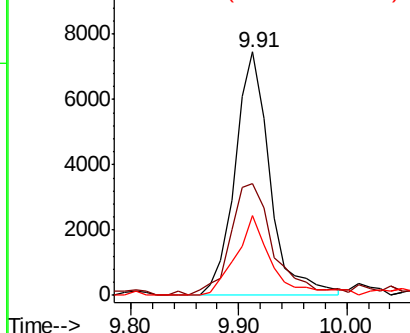
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:117 Resp: 16796
Ion Ratio Lower Upper
117 100
82 45.7 43.2 64.8
119 32.5 26.2 39.4

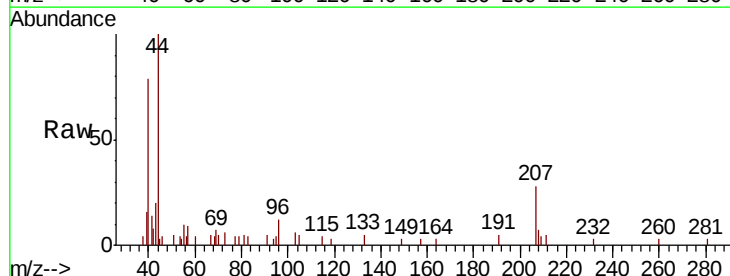


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

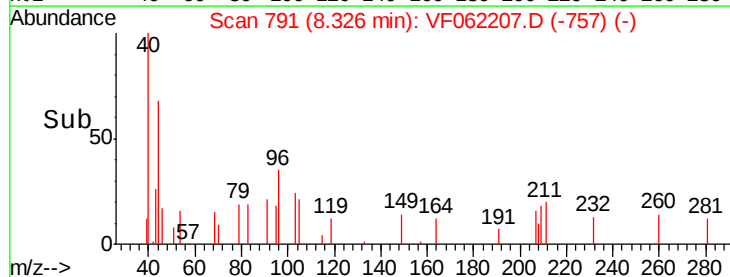
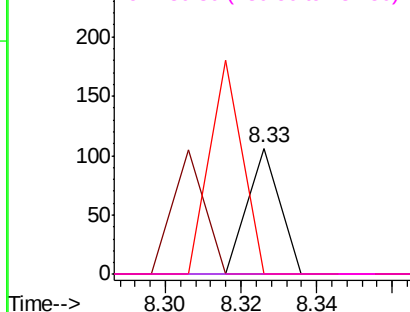


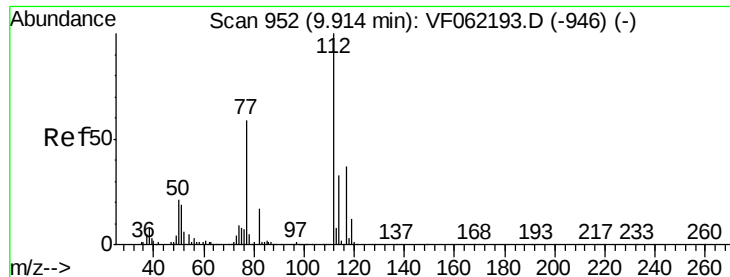
#64
Tetrachloroethene
Concen: 0.416 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.04 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion:164 Resp: 63
Ion Ratio Lower Upper
164 100
166 0.0 104.7 157.1#
129 0.0 72.6 109.0#
131 0.0 71.6 107.4#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

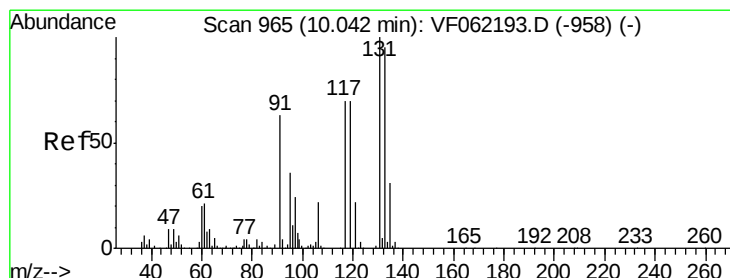
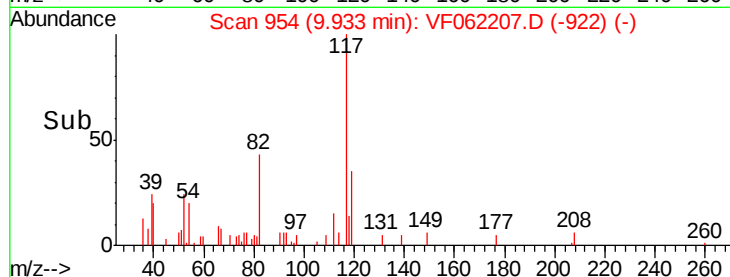
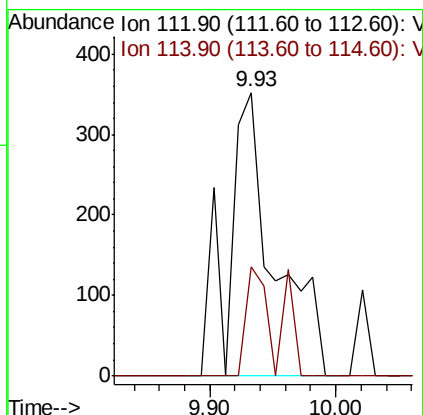
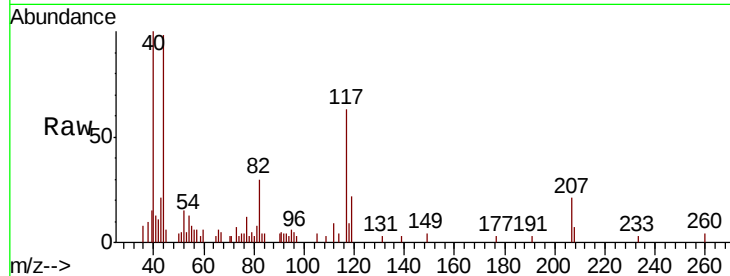




#65
Chlorobenzene
Concen: 2.491 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

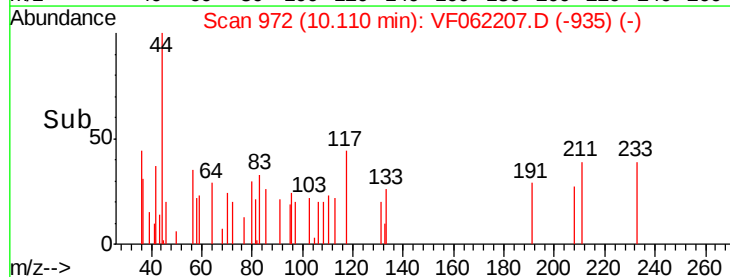
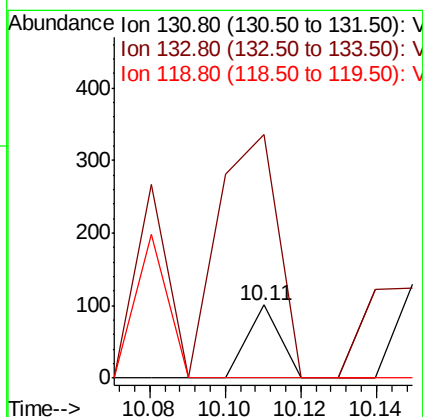
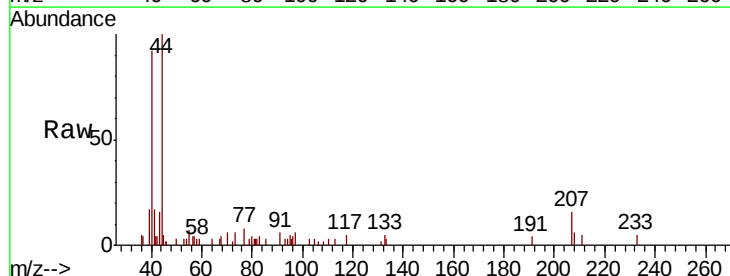
Instrument :
MSVOA_F
ClientSampleId :

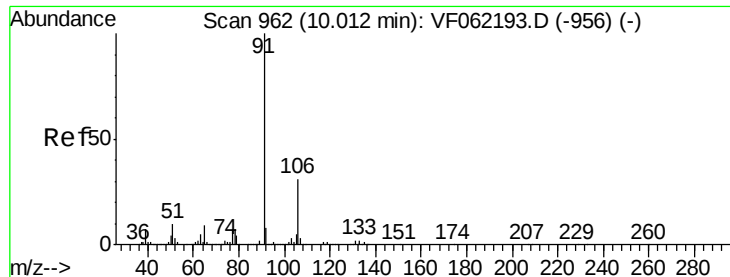
Tot Ion:112 Resp: 892
Ion Ratio Lower Upper
112 100
114 38.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.358 ug/l
RT: 10.11 min Scan# 972
Delta R.T. 0.07 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion:131 Resp: 60
Ion Ratio Lower Upper
131 100
133 871.7 47.7 143.1#
119 0.0 34.6 103.9#





#67

Ethyl Benzene

Concen: 2.741 ug/l

RT: 10.02 min Scan# 963

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

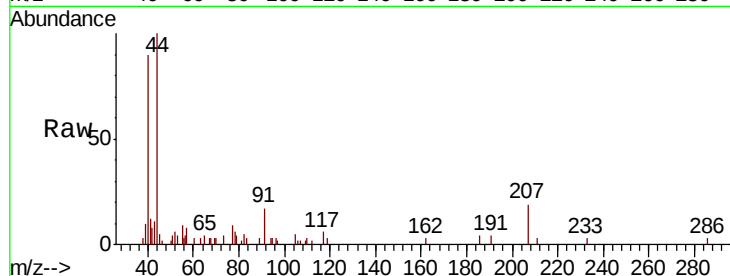
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 91 Resp: 1785

Ion Ratio Lower Upper

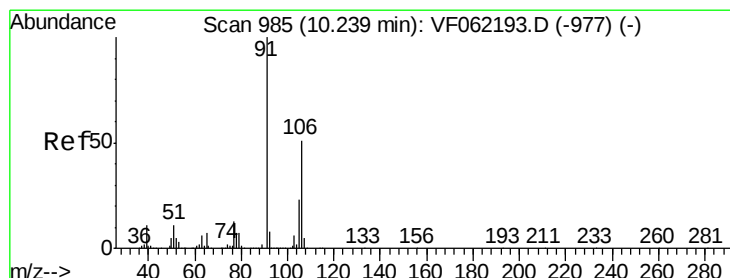
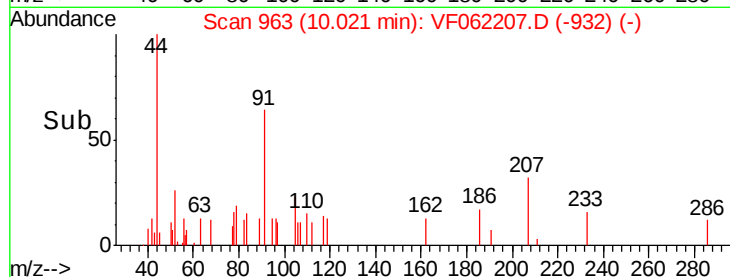
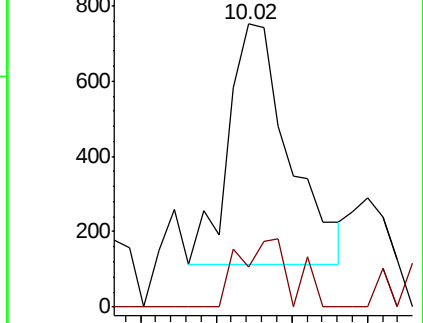
91 100

106 16.6 24.9 37.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 4.797 ug/l

RT: 10.26 min Scan# 987

Delta R.T. 0.02 min

Lab File: VF062207.D

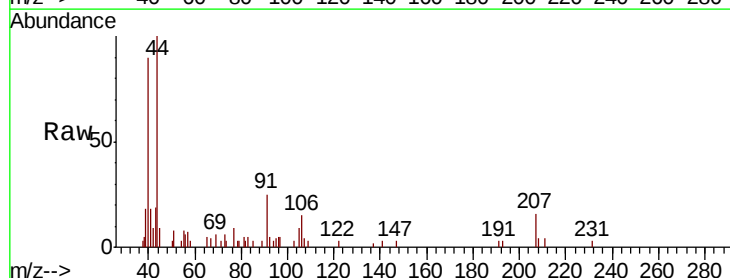
Acq: 18 Apr 2019 16:13

Tgt Ion:106 Resp: 1150

Ion Ratio Lower Upper

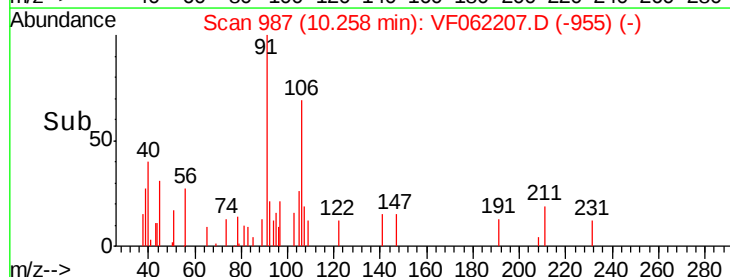
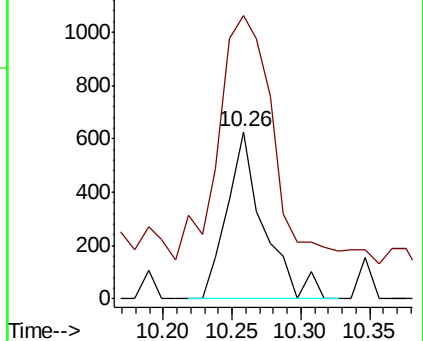
106 100

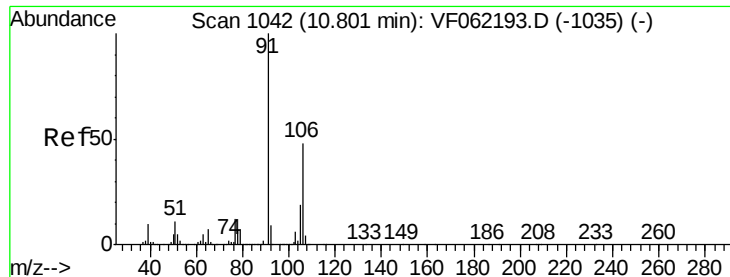
91 297.5 159.1 238.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

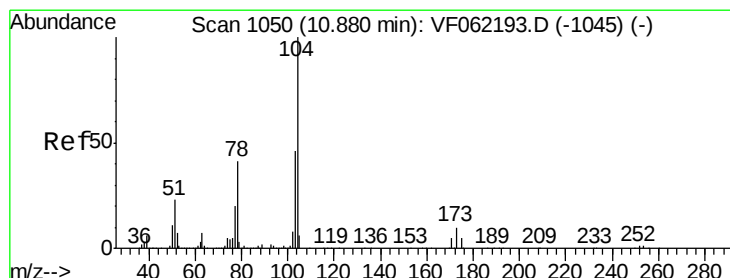
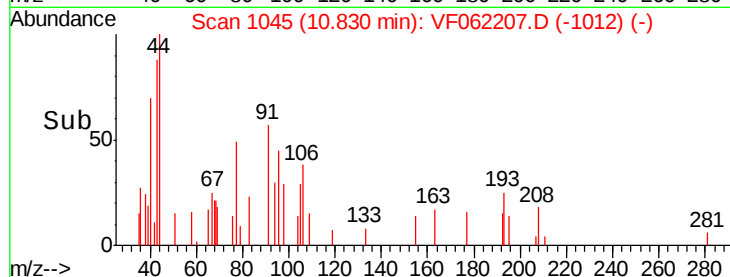
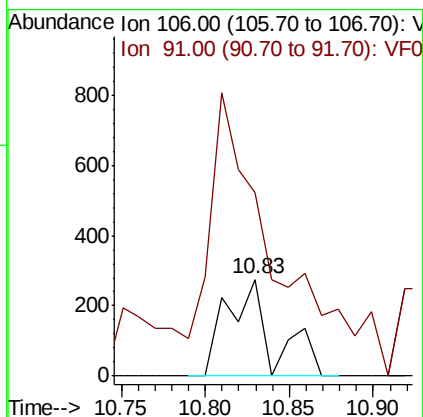
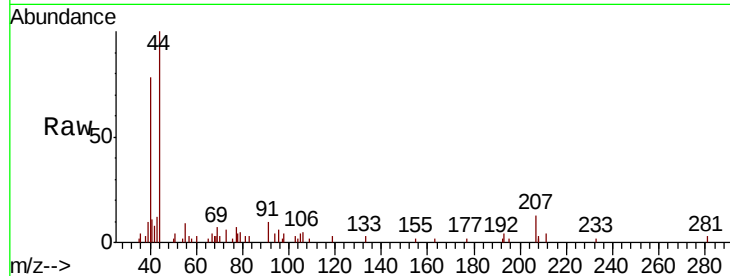




#69
o-Xylene
Concen: 1.980 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.03 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

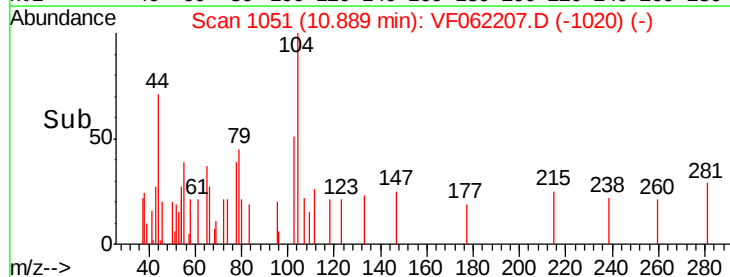
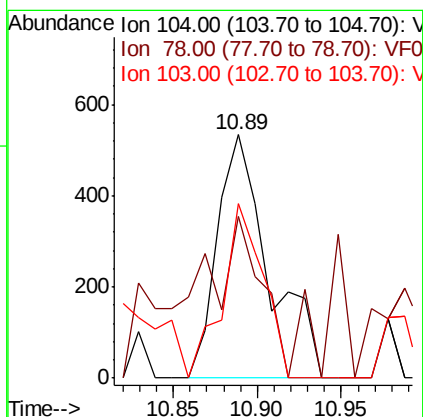
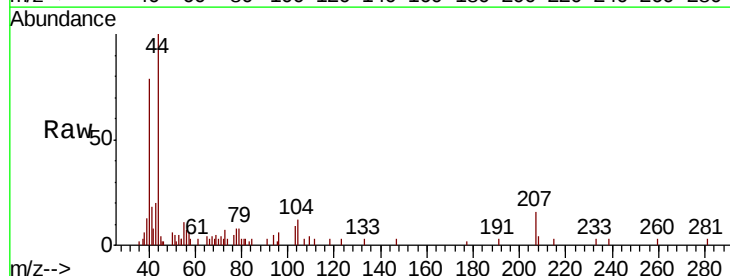
Instrument :
MSVOA_F
ClientSampled :

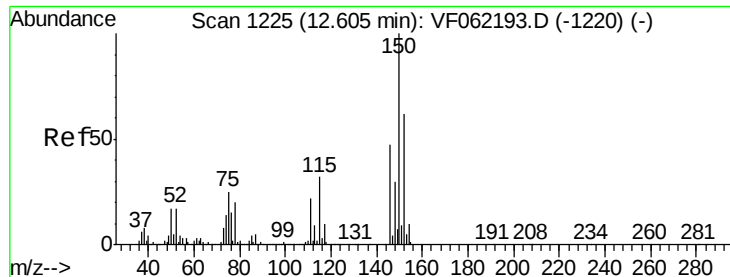
Tot Ion:106 Resp: 527
Ion Ratio Lower Upper
106 100
91 412.7 107.5 322.4#



#70
Styrene
Concen: 3.040 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion:104 Resp: 1142
Ion Ratio Lower Upper
104 100
78 97.4 34.5 51.7#
103 55.6 37.2 55.8



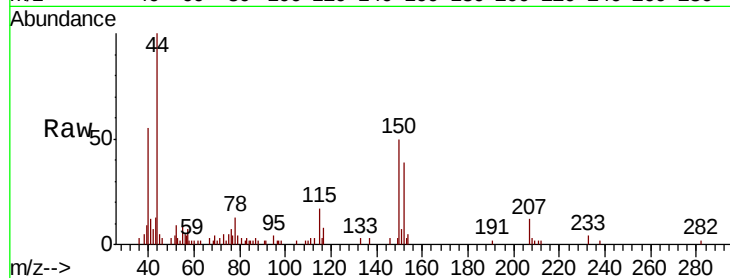


#72

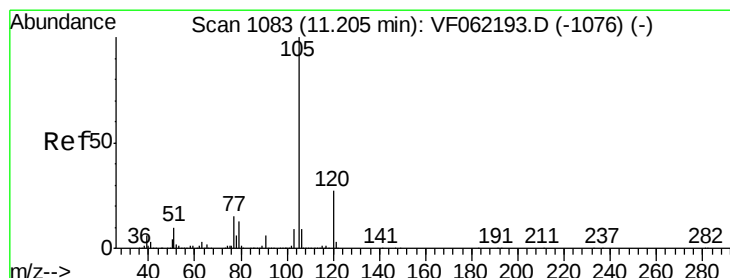
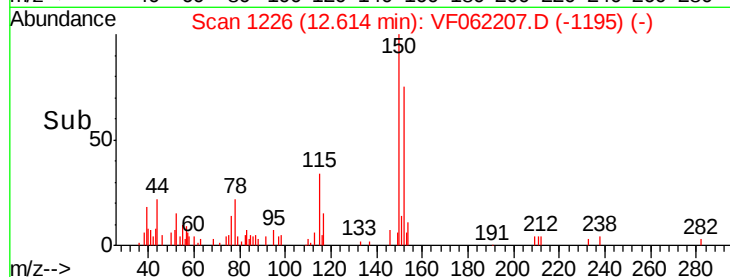
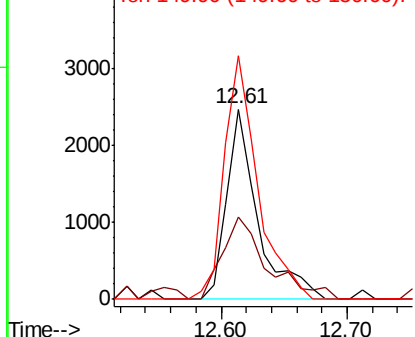
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:152 Resp: 4222
Ion Ratio Lower Upper
152 100
115 62.1 27.8 83.3
150 136.9 0.0 341.8



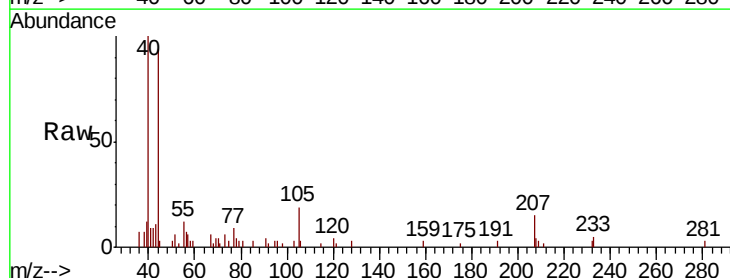
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



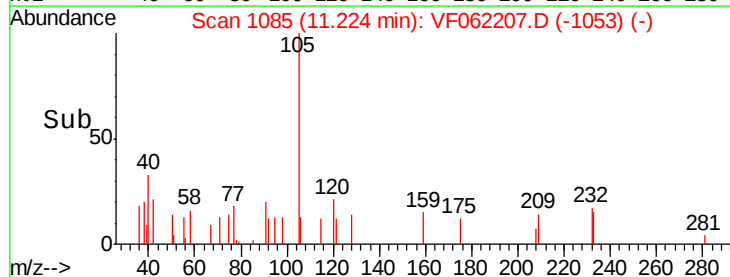
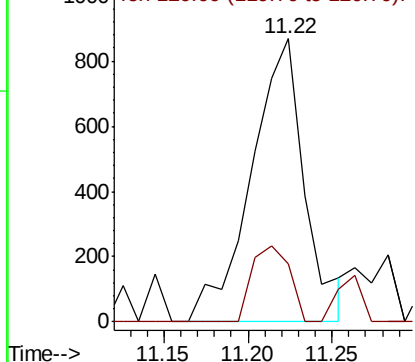
#73

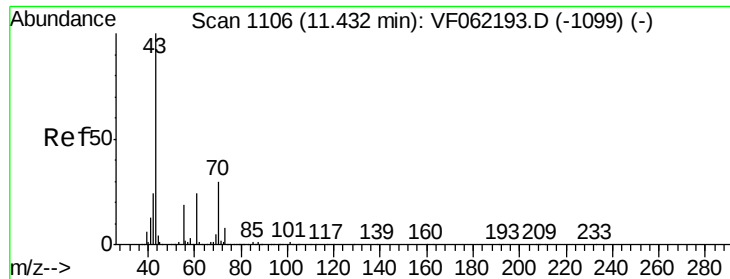
Isopropylbenzene
Concen: 5.291 ug/l
RT: 11.22 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion:105 Resp: 1919
Ion Ratio Lower Upper
105 100
120 18.7 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: 2.552 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.08 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 43 Resp: 399

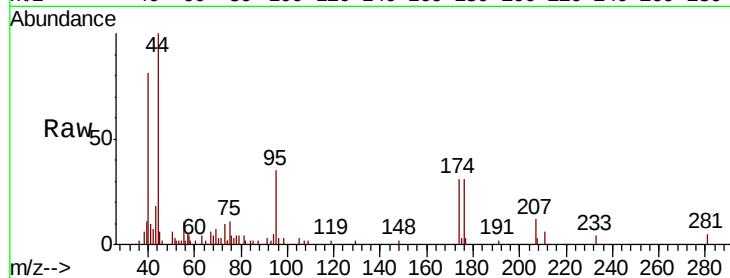
Ion Ratio Lower Upper

43 100

70 0.0 27.0 40.4#

55 109.3 15.7 23.5#

61 82.5 20.8 31.2#

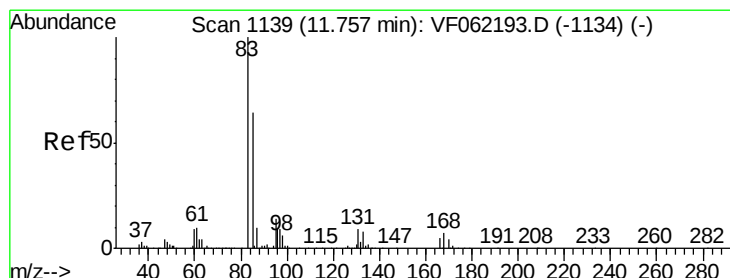
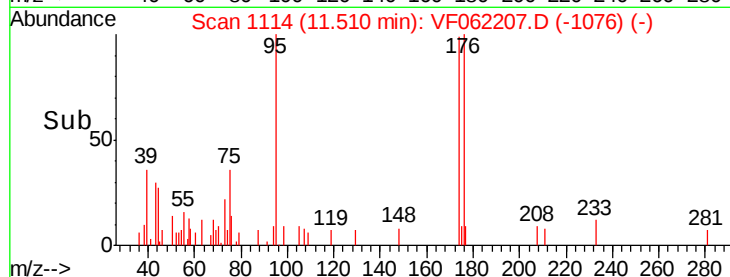
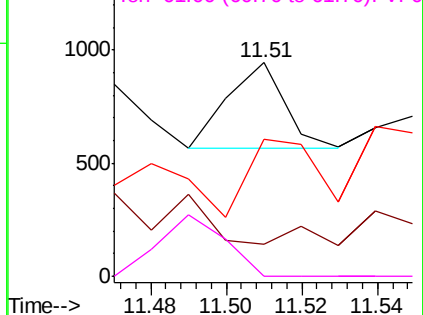


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 8.754 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. 0.23 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

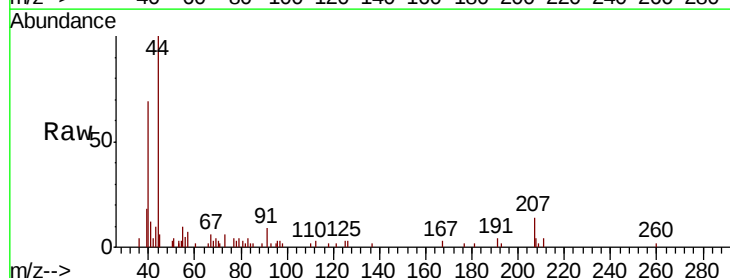
Tgt Ion: 83 Resp: 546

Ion Ratio Lower Upper

83 100

131 11.0 4.5 13.5

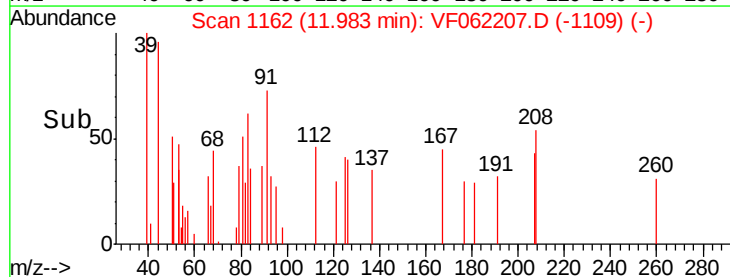
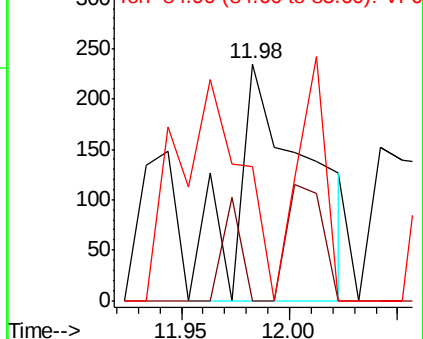
85 83.7 34.7 104.1

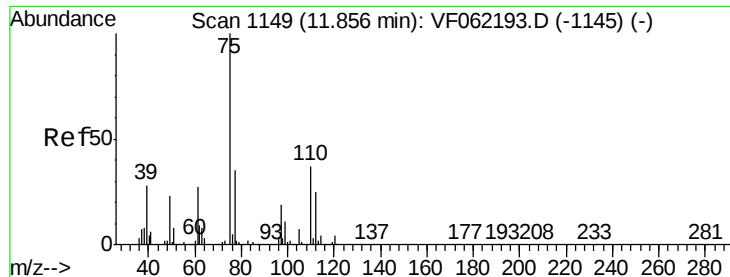


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0





#76

1,2,3-Trichloropropane

Concen: 3.356 ug/l

RT: 11.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

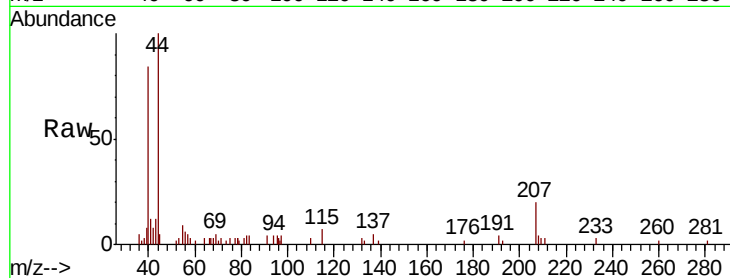
ClientSampleId :

Tot Ion: 75 Resp: 144

Ion Ratio Lower Upper

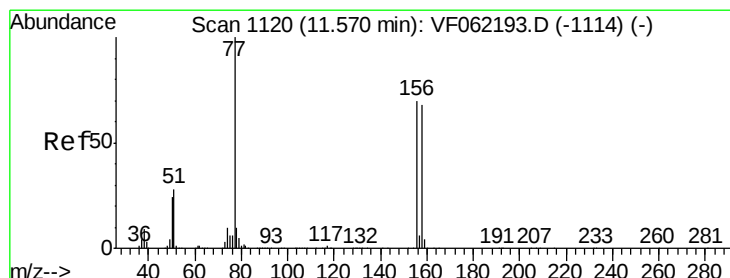
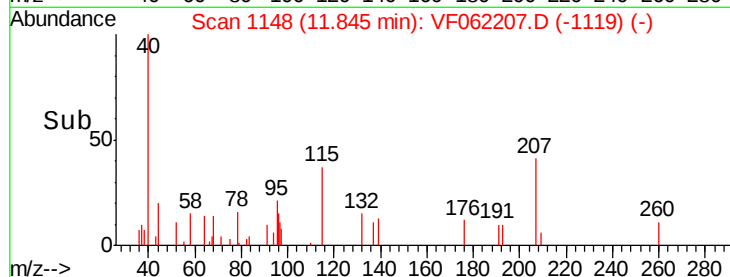
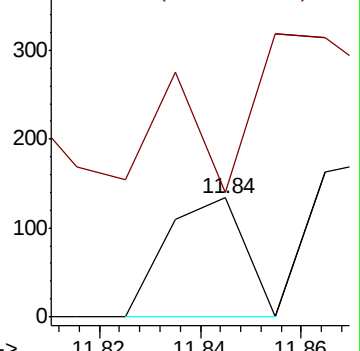
75 100

77 227.1 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: 2.767 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

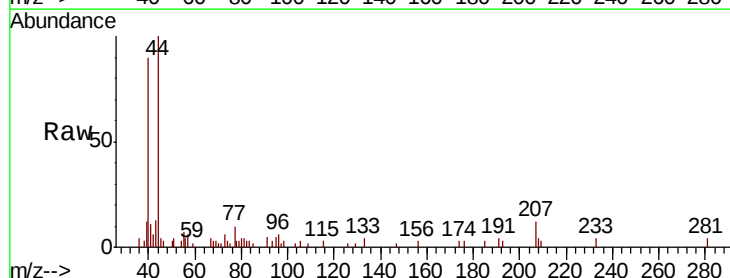
Tgt Ion: 156 Resp: 215

Ion Ratio Lower Upper

156 100

77 510.7 80.9 242.7#

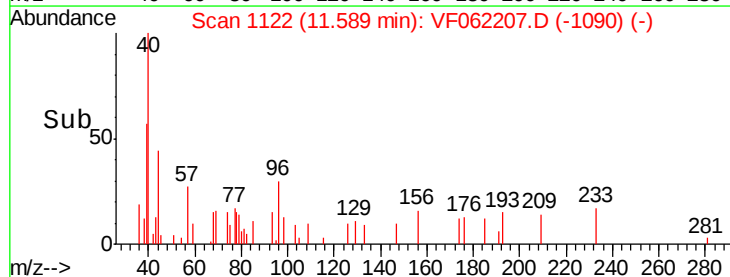
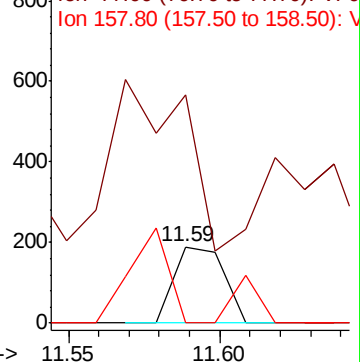
158 96.7 49.8 149.4

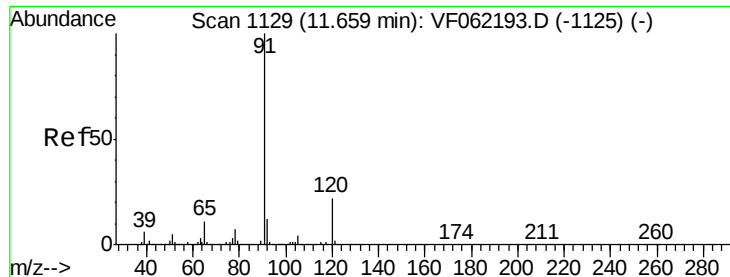


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 6.545 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

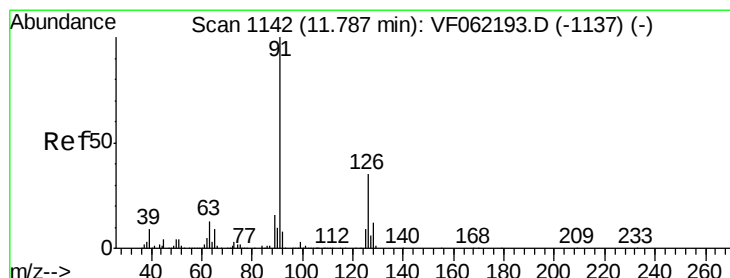
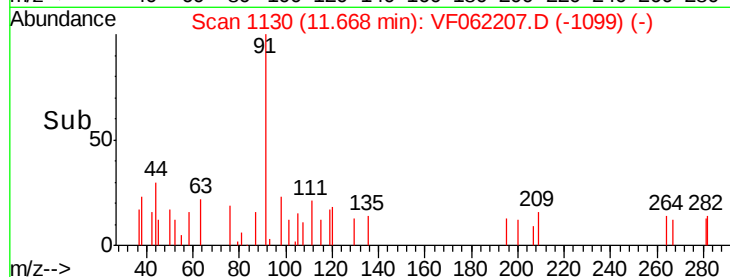
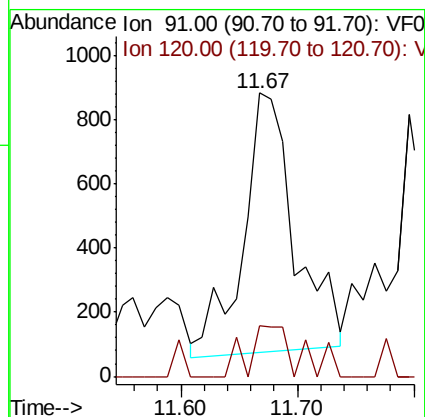
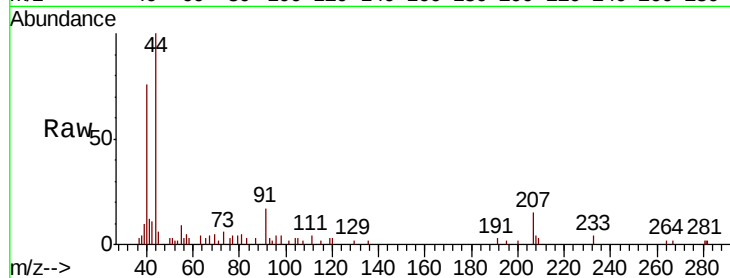
ClientSampleId :

Tot Ion: 91 Resp: 2504

Ion Ratio Lower Upper

91 100

120 13.9 11.2 33.6



#79

2-Chlorotoluene

Concen: 3.964 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. 0.20 min

Lab File: VF062207.D

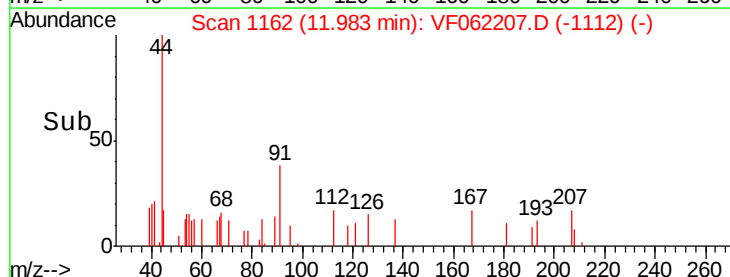
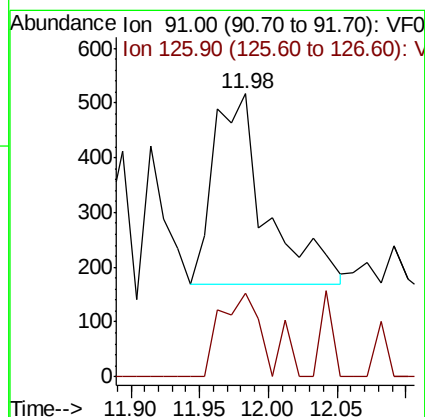
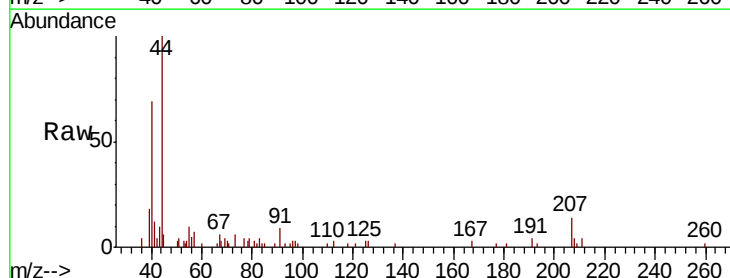
Acq: 18 Apr 2019 16:13

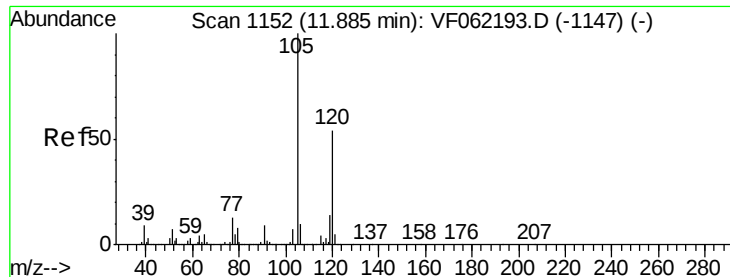
Tgt Ion: 91 Resp: 920

Ion Ratio Lower Upper

91 100

126 38.2 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 3.307 ug/l

RT: 11.89 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

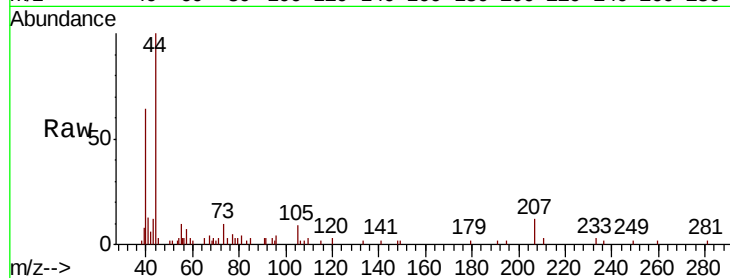
ClientSampleId :

Tot Ion:105 Resp: 999

Ion Ratio Lower Upper

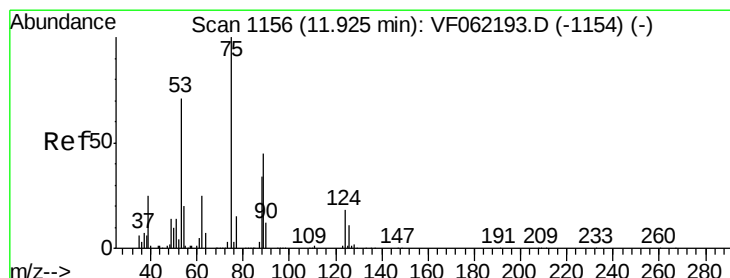
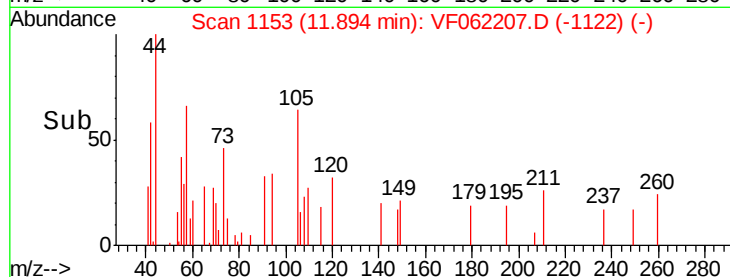
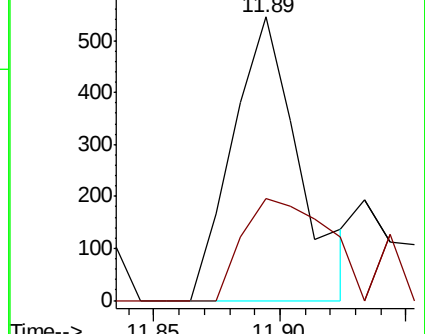
105 100

120 53.7 26.2 78.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 12.566 ug/l

RT: 11.87 min Scan# 1151

Delta R.T. -0.05 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

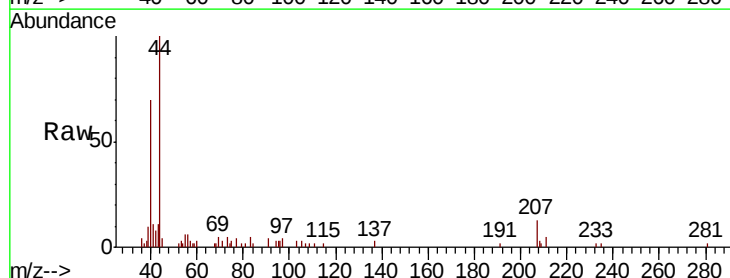
Tgt Ion: 75 Resp: 275

Ion Ratio Lower Upper

75 100

53 126.5 50.2 75.4#

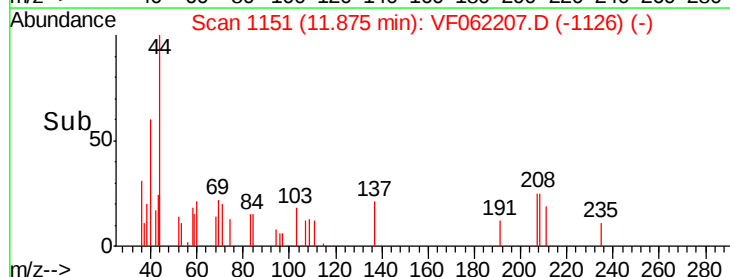
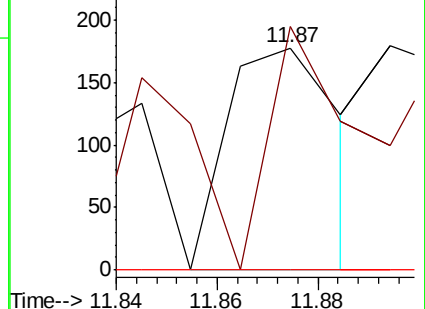
89 0.0 0.0 0.0

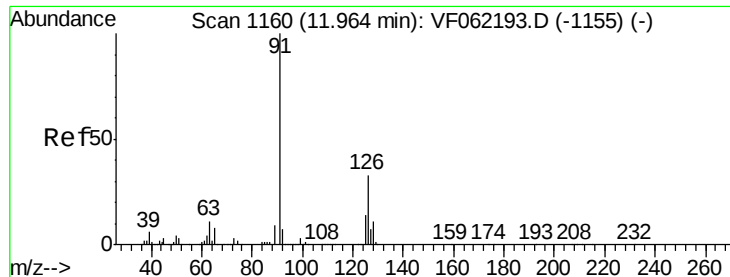


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0

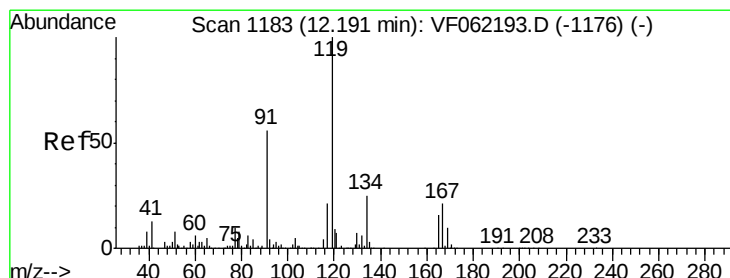
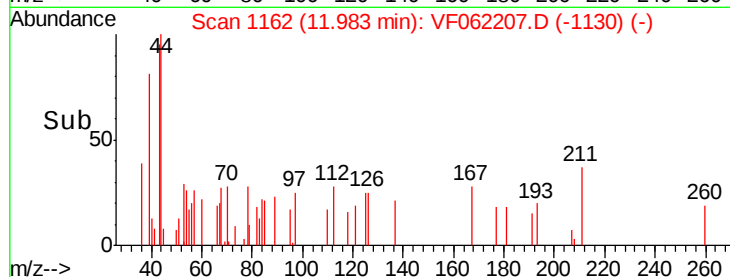
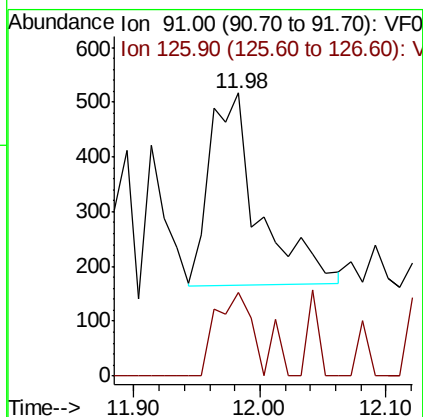
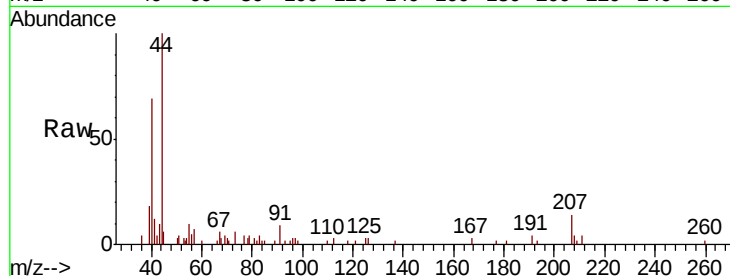




#82
4-Chlorotoluene
Concen: 4.254 ug/l
RT: 11.98 min Scan# 1162
Delta R.T. 0.02 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

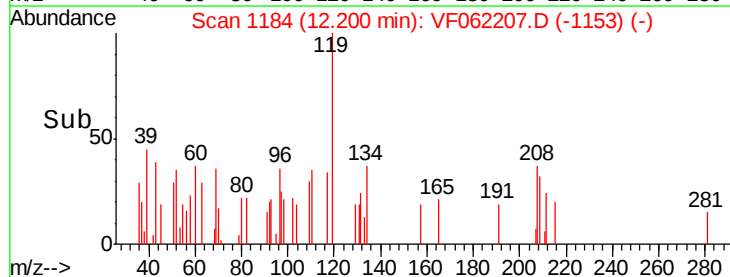
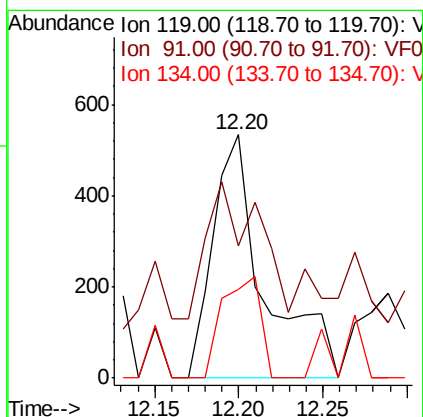
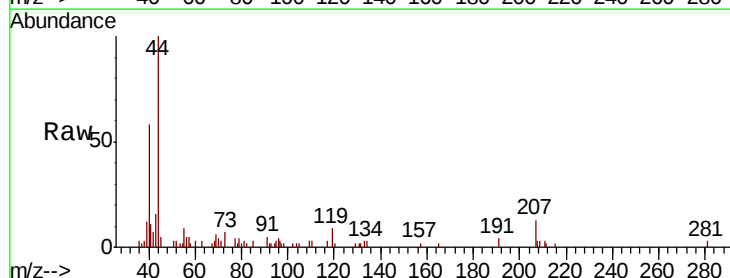
Instrument :
MSVOA_F
ClientSampleId :

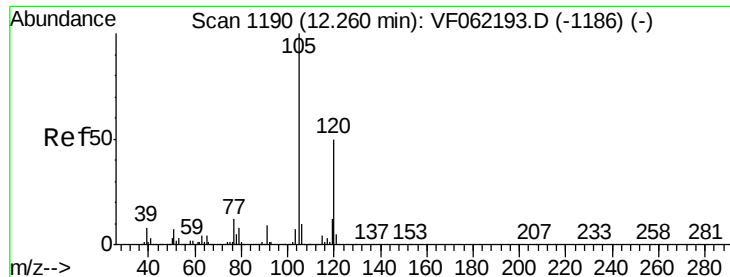
Tot Ion: 91 Resp: 954
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.6



#83
tert-Butylbenzene
Concen: 3.634 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion: 119 Resp: 1135
Ion Ratio Lower Upper
119 100
91 65.0 29.4 88.2
134 30.9 11.8 35.3

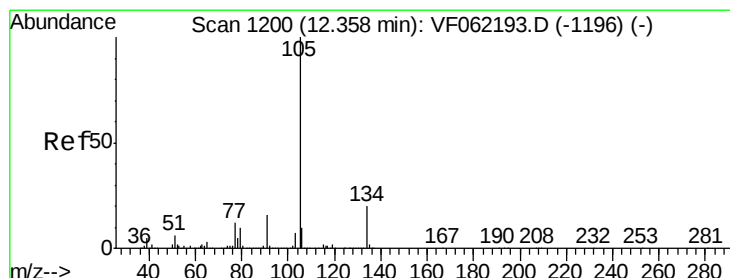
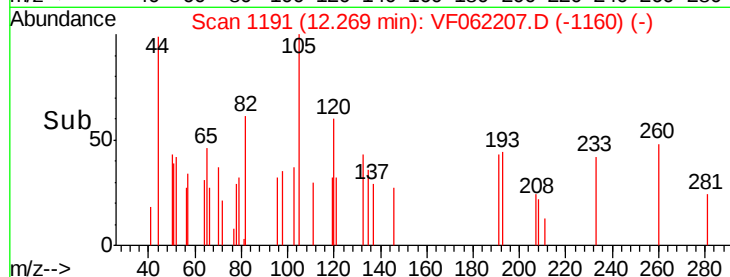
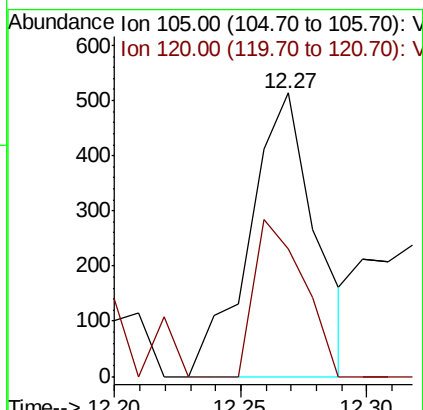
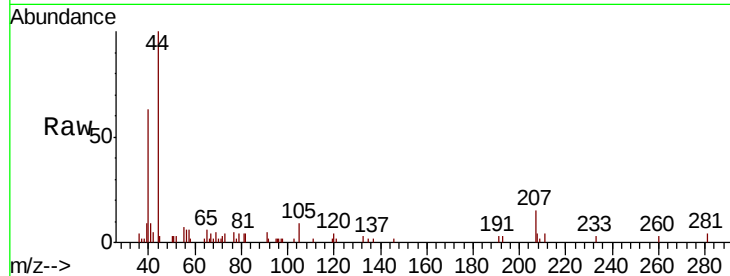




#84
1,2,4-Trimethylbenzene
Concen: 3.226 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. 0.01 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

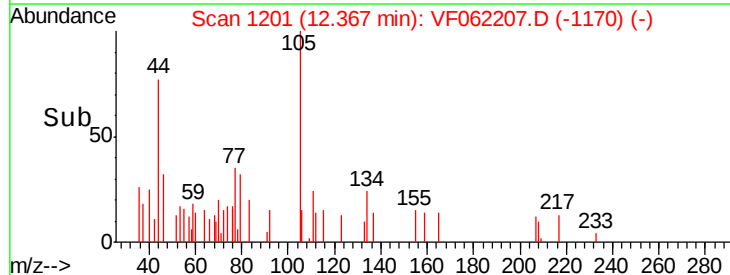
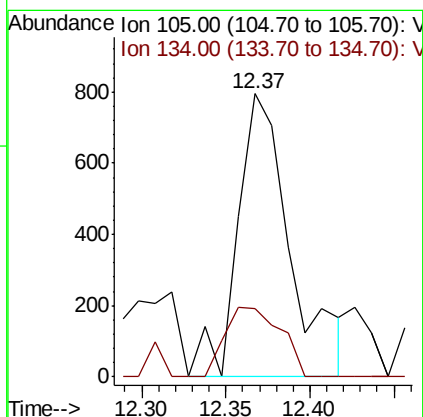
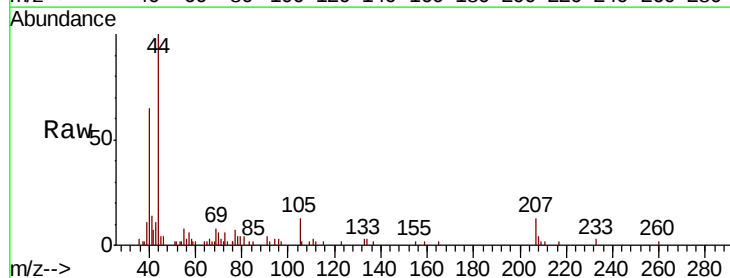
Instrument :
MSVOA_F
ClientSampled :

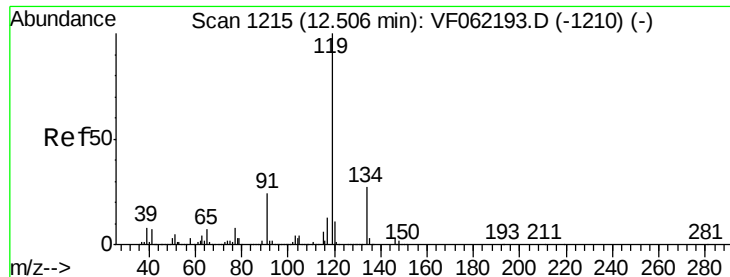
Tot Ion:105 Resp: 943
Ion Ratio Lower Upper
105 100
120 41.3 24.0 72.0



#85
sec-Butylbenzene
Concen: 4.293 ug/l
RT: 12.37 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VF062207.D
Acq: 18 Apr 2019 16:13

Tgt Ion:105 Resp: 1741
Ion Ratio Lower Upper
105 100
134 25.6 9.7 29.1

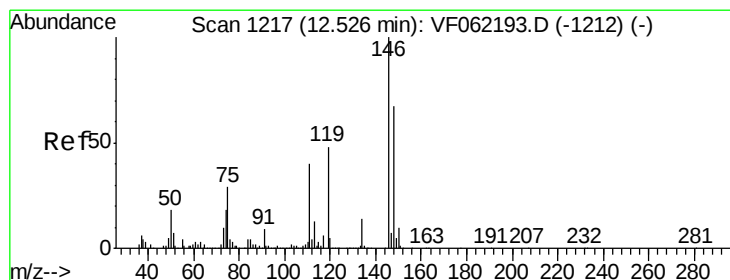
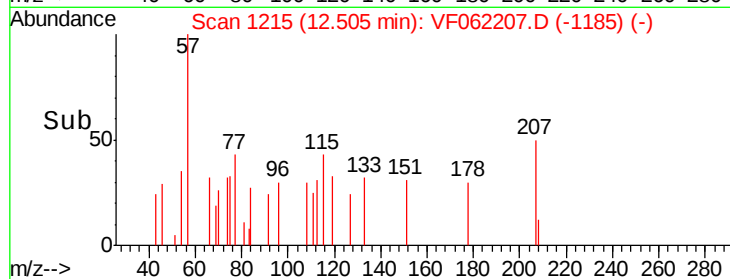
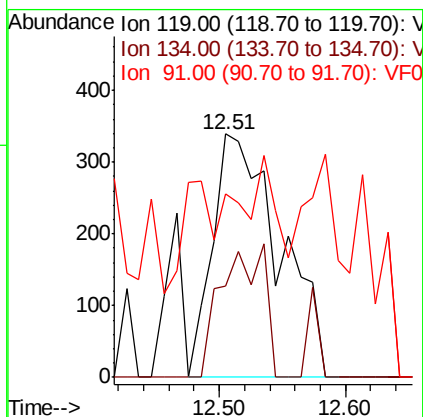
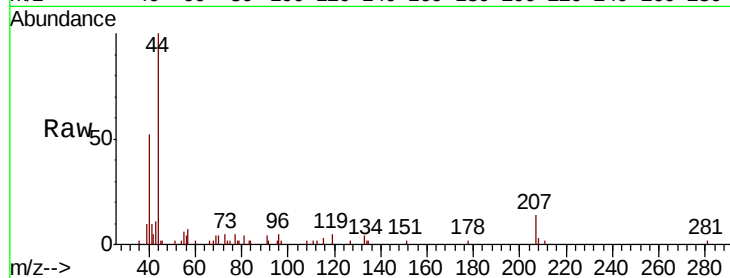




#86
 p-Isopropyltoluene
 Concen: 3.642 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: VF062207.D
 Acq: 18 Apr 2019 16:13

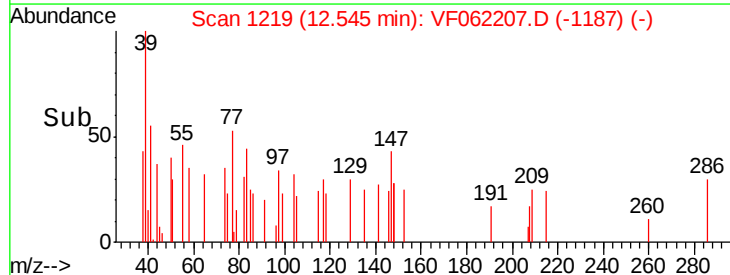
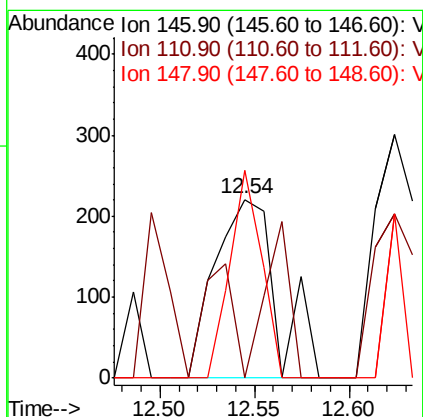
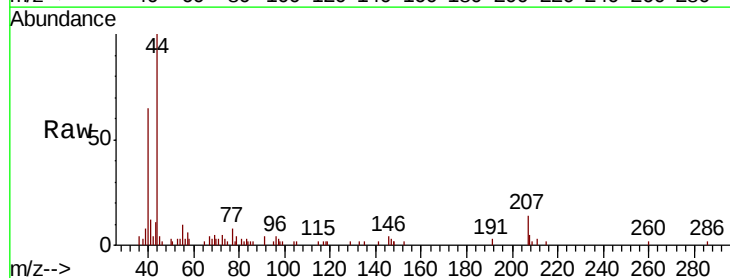
Instrument :
 MSVOA_F
 ClientSampled :

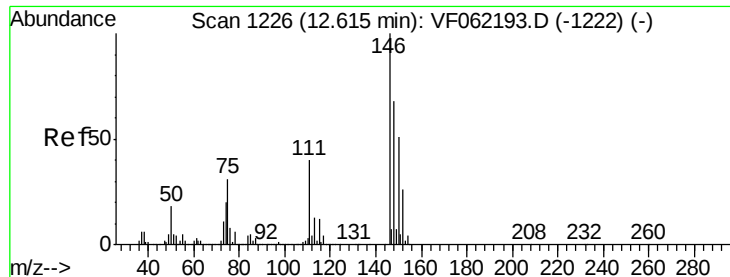
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	19.7	11.7	35.1



#87
 1,3-Dichlorobenzene
 Concen: 3.475 ug/l
 RT: 12.54 min Scan# 1219
 Delta R.T. 0.02 min
 Lab File: VF062207.D
 Acq: 18 Apr 2019 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	30.7	19.7	59.0
148	59.1	32.9	98.6





#88

1,4-Dichlorobenzene

Concen: 3.603 ug/l

RT: 12.54 min Scan# 1219

Delta R.T. -0.07 min

Lab File: VF062207.D

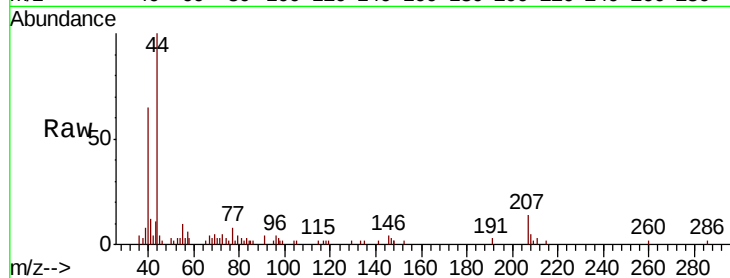
Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampled :

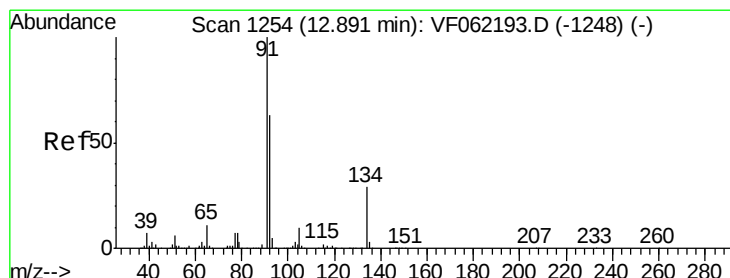
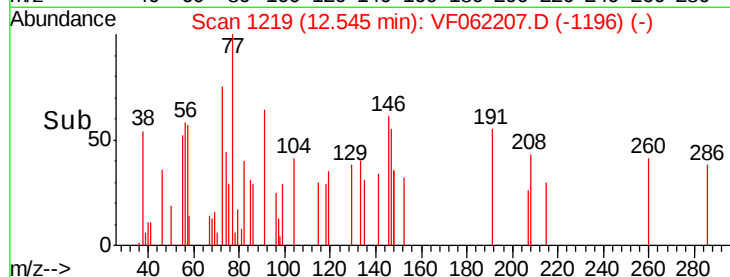
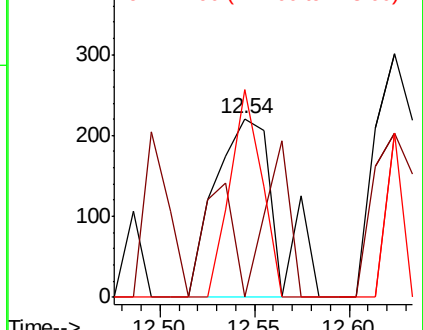
Tot Ion:	146	Resp:	501
Ion	Ratio	Lower	Upper
146	100		
111	30.7	20.0	60.0
148	59.1	33.6	100.8



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



#89

n-Butylbenzene

Concen: Below Cal

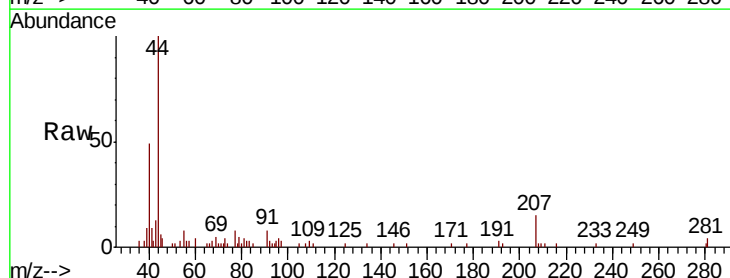
RT: 12.92 min Scan# 1257

Delta R.T. 0.03 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

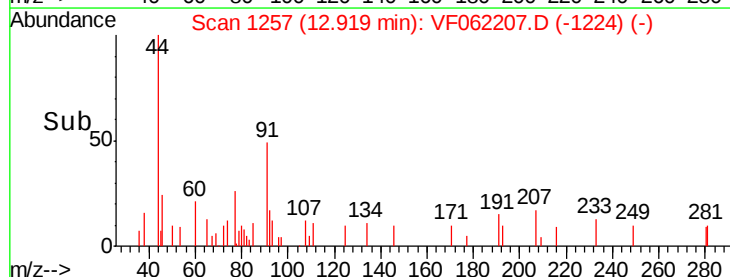
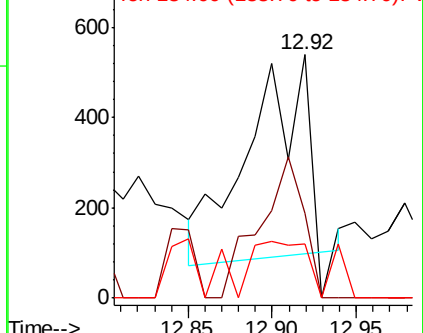
Tgt Ion:	91	Resp:	1051
Ion	Ratio	Lower	Upper
91	100		
92	54.5	31.2	93.6
134	33.7	13.1	39.1

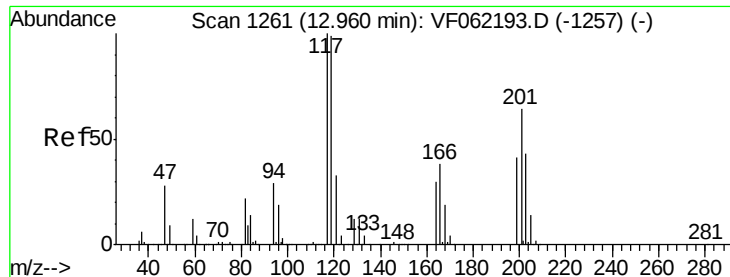


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.211 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

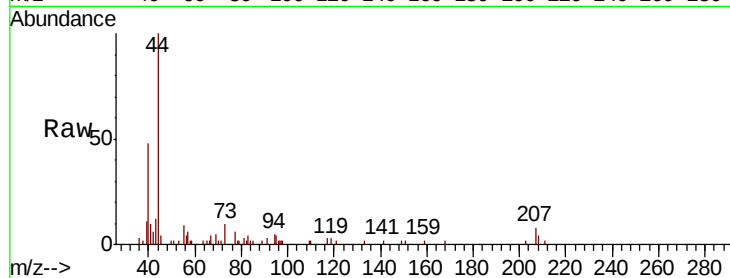
ClientSampled :

Tot Ion:117 Resp: 372

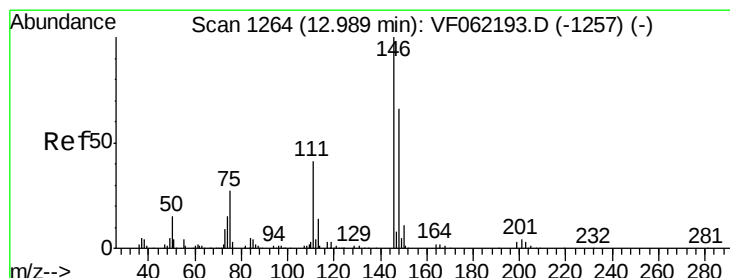
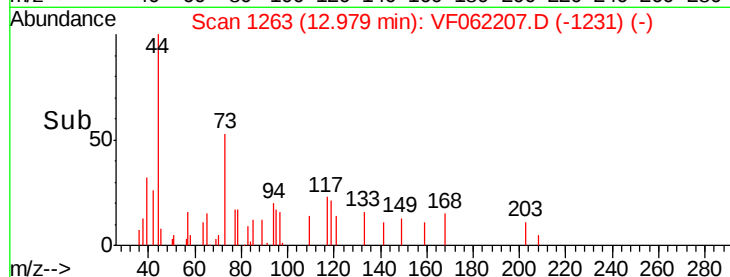
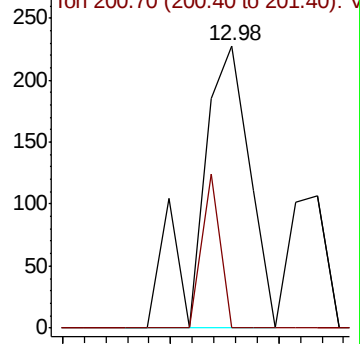
Ion Ratio Lower Upper

117 100

201 19.6 37.7 113.1#



Abundance Ion 116.80 (116.50 to 117.50): V



#91

1,2-Dichlorobenzene

Concen: 3.010 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

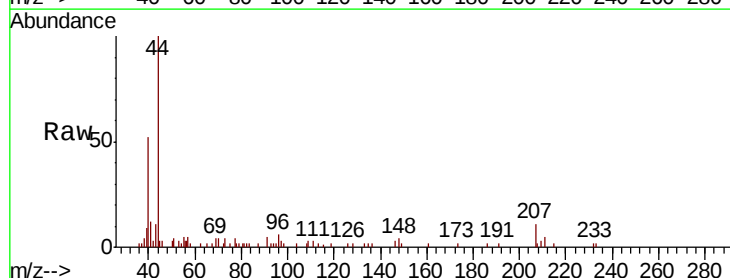
Tgt Ion:146 Resp: 419

Ion Ratio Lower Upper

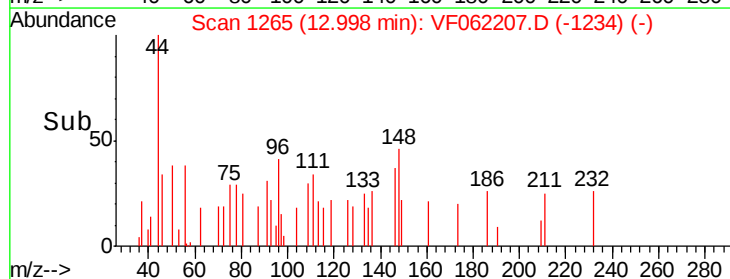
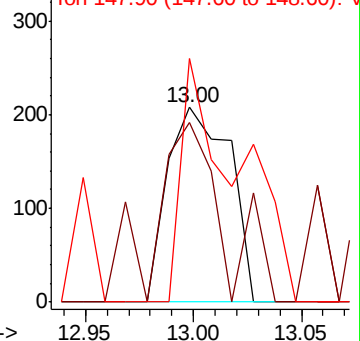
146 100

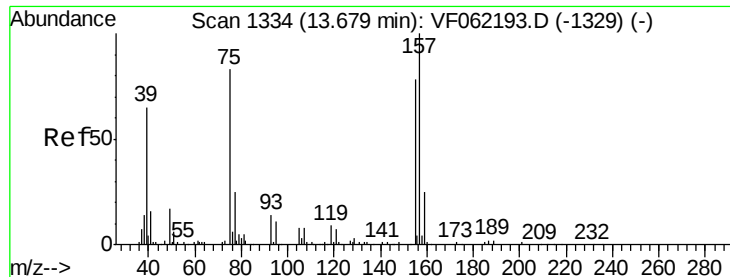
111 100.5 20.8 62.5#

148 114.6 33.0 99.0#



Abundance Ion 145.90 (145.60 to 146.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.098 ug/l

RT: 13.67 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampleId :

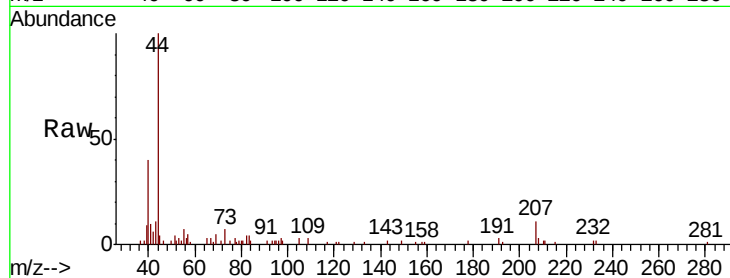
Tot Ion: 75 Resp: 136

Ion Ratio Lower Upper

75 100

155 49.3 47.6 142.8

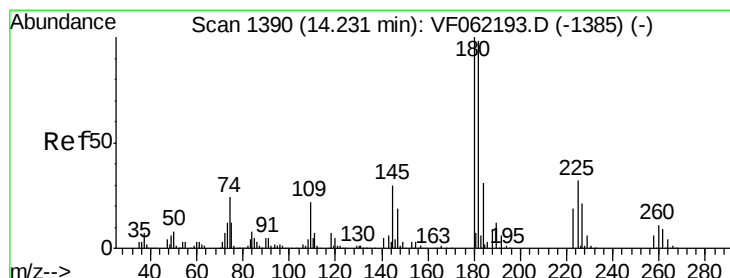
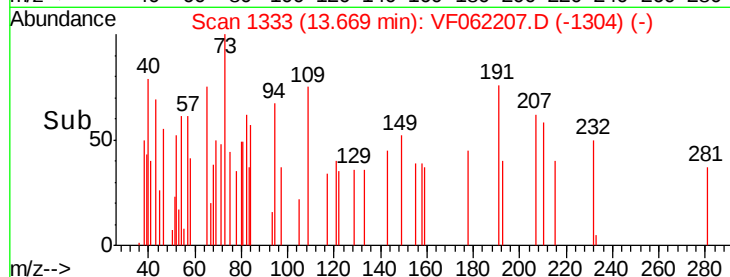
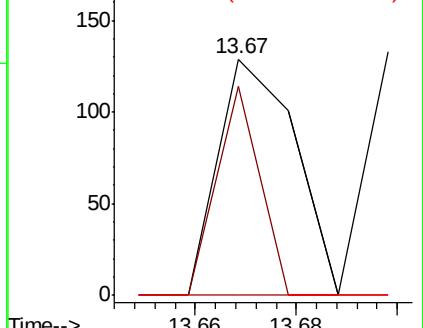
157 0.0 61.3 183.9#



Abundance Ion 74.90 (74.60 to 75.60): VF062207.D (-1304) (-)

Ion 154.80 (154.50 to 155.50): VF062207.D (-1304) (-)

Ion 156.80 (156.50 to 157.50): VF062207.D (-1304) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.515 ug/l

RT: 14.33 min Scan# 1400

Delta R.T. 0.10 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

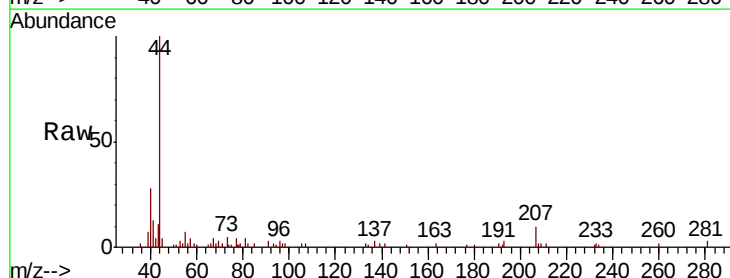
Tgt Ion: 180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 49.3 147.9#

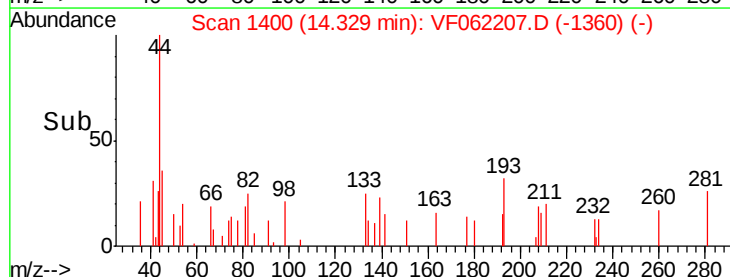
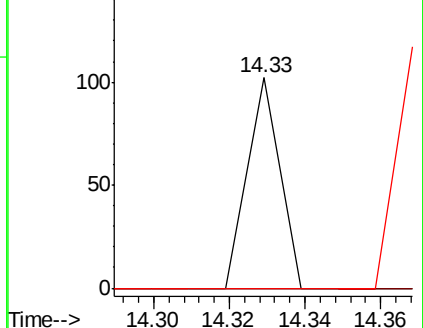
145 0.0 18.1 54.4#

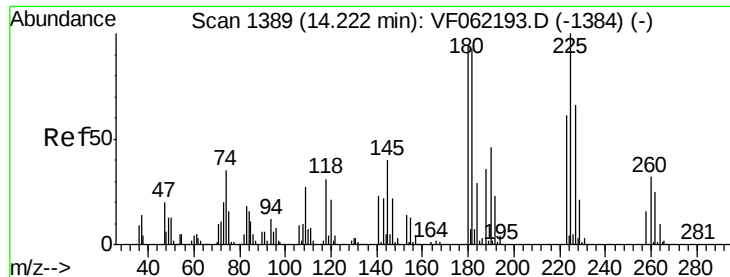


Abundance Ion 179.80 (179.50 to 180.50): VF062207.D (-1360) (-)

Ion 181.80 (181.50 to 182.50): VF062207.D (-1360) (-)

Ion 144.80 (144.50 to 145.50): VF062207.D (-1360) (-)





#94

Hexachlorobutadiene

Concen: 1.715 ug/l

RT: 14.23 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VF062207.D

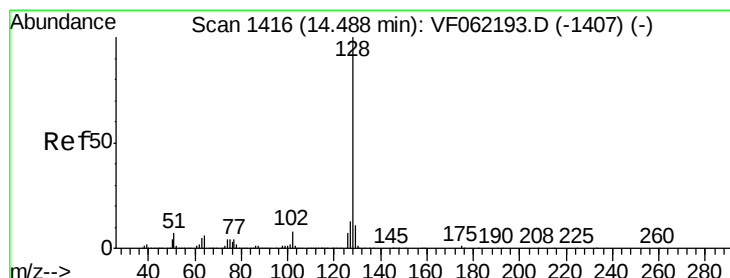
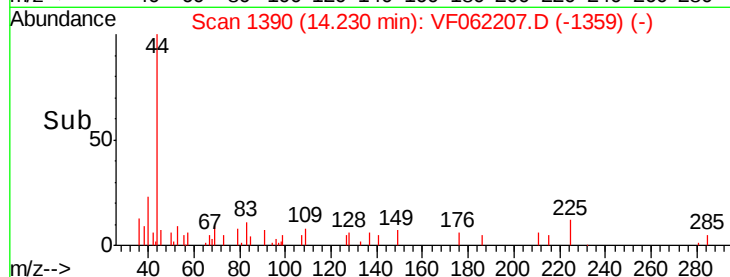
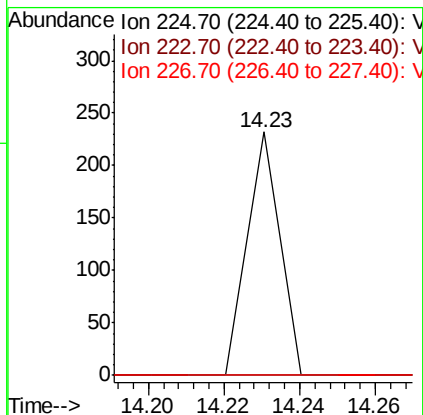
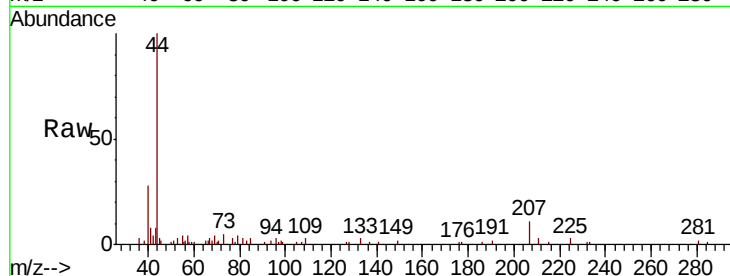
Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	225	Resp:	137
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.0	93.0#
227	0.0	32.4	97.0#



#95

Naphthalene

Concen: 1.345 ug/l

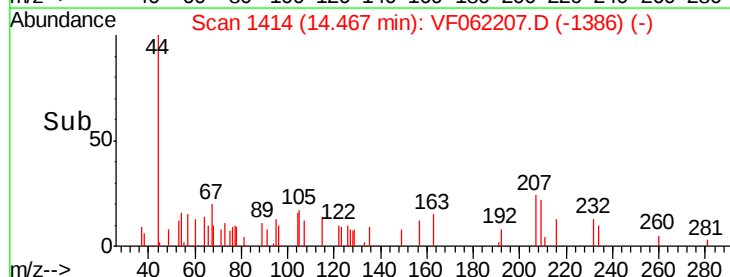
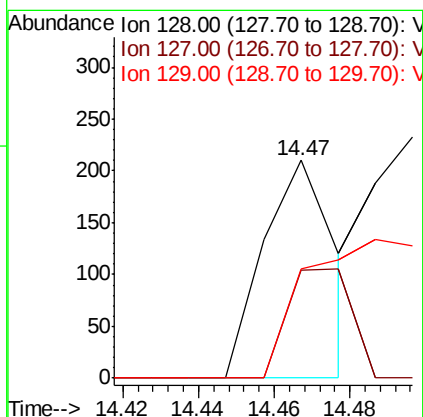
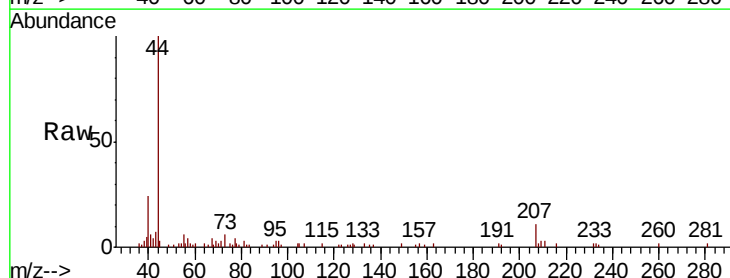
RT: 14.47 min Scan# 1414

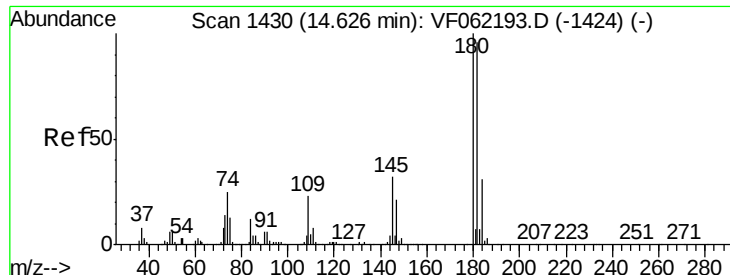
Delta R.T. -0.02 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Tgt Ion:	128	Resp:	274
Ion	Ratio	Lower	Upper
128	100		
127	45.3	10.4	15.6#
129	104.0	9.2	13.8#





#96

1,2,3-Trichlorobenzene

Concen: 1.851 ug/l

RT: 14.65 min Scan# 1433

Delta R.T. 0.03 min

Lab File: VF062207.D

Acq: 18 Apr 2019 16:13

Instrument :

MSVOA_F

ClientSampleId :

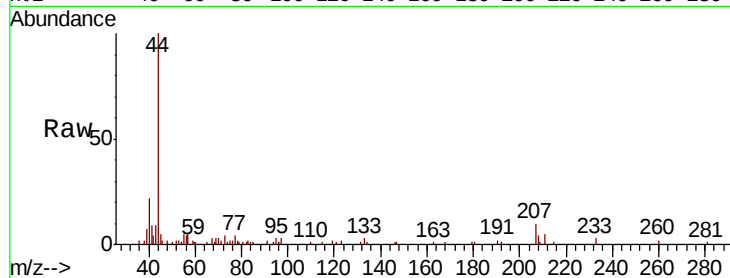
Tot Ion:180 Resp: 207

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.3#

145 0.0 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

