

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062295.D
 Acq On : 25 Apr 2019 16:41
 Operator : FY/SY
 Sample : K2553-04RE
 Misc : 6.04g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200051RE

Quant Time: Apr 26 01:09:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	2334	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1644	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	64	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	98	50.00	ug/l	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	443	23.43	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	46.86%	
35) Dibromofluoromethane	4.29	113	486	39.87	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	79.74%	
50) Toluene-d8	7.70	98	324	10.88	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	21.76%	
62) 4-Bromofluorobenzene	11.45	95	64	5.21	ug/l	-0.06
Spiked Amount				50.000		
			Recovery	=	10.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.03	85	161	5.805	ug/l #	40
3) Chloromethane	1.18	50	162	6.933	ug/l #	44
4) Vinyl Chloride	1.25	62	64	2.892	ug/l #	1
5) Bromomethane	1.41	94	337	22.424	ug/l #	6
6) Chloroethane	1.45	64	86	8.865	ug/l #	42
7) Trichlorofluoromethane	1.59	101	63	1.792	ug/l #	15
8) Diethyl Ether	1.65	74	128	20.092	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	1.86	101	94	4.259	ug/l #	1
11) Tert butyl alcohol	2.69	59	144	125.915	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	96	4.875	ug/l #	1
13) Acrolein	2.08	56	149	142.630	ug/l #	10
14) Allyl chloride	2.18	41	433	20.206	ug/l #	28
15) Acrylonitrile	3.12	53	382	120.600	ug/l #	32
16) Acetone	2.33	43	510	120.484	ug/l #	57
17) Carbon Disulfide	1.93	76	89	1.717	ug/l #	1
18) Methyl Acetate	2.46	43	978	128.981	ug/l	100
19) Methyl tert-butyl Ether	2.56	73	369	9.830	ug/l #	57
20) Methylene Chloride	2.30	84	146	3.133	ug/l #	2
21) trans-1,2-Dichloroethene	2.42	96	171	8.787	ug/l #	1
22) Diisopropyl ether	2.93	45	363	6.292	ug/l #	51
23) Vinyl Acetate	3.30	43	1638	64.029	ug/l #	78
24) 1,1-Dichloroethane	2.99	63	63	1.913	ug/l #	89
25) 2-Butanone	4.54	43	553	82.393	ug/l #	57
26) 2,2-Dichloropropane	3.82	77	483	28.247	ug/l #	56
27) cis-1,2-Dichloroethene	3.77	96	84	3.409	ug/l	65
28) Bromochloromethane	3.87	49	70	5.045	ug/l #	2
29) Tetrahydrofuran	4.25	42	219	74.259	ug/l #	63
30) Chloroform	4.04	83	87	2.104	ug/l #	18
31) Cyclohexane	3.87	56	86	2.745	ug/l #	23
32) 1,1,1-Trichloroethane	4.31	97	212	6.531	ug/l #	56
36) 1,1-Dichloropropene	4.45	75	300	19.779	ug/l #	1
37) Ethyl Acetate	4.29	43	899	140.890	ug/l #	10
38) Carbon Tetrachloride	4.17	117	67	4.345	ug/l #	12
39) Methylcyclohexane	5.65	83	67	3.784	ug/l #	15

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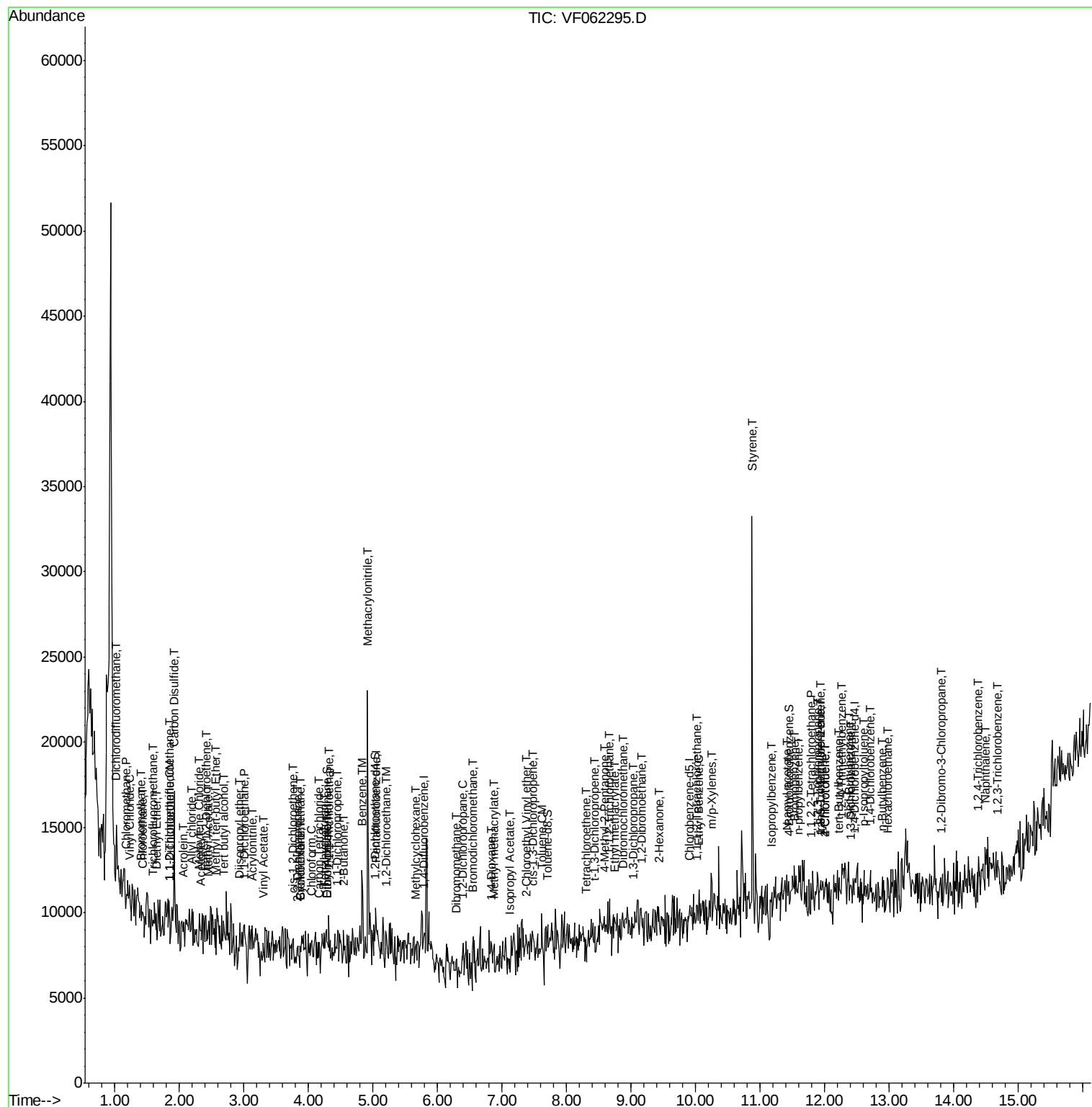
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.84	78	243	6.631	ug/l #	1
41) Methacrylonitrile	4.91	41	339	95.632	ug/l #	1
42) 1,2-Dichloroethane	5.21	62	69	5.944	ug/l #	76
43) Isopropyl Acetate	7.11	43	844	129.415	ug/l #	46
45) 1,2-Dichloropropane	6.39	63	216	26.143	ug/l #	45
46) Dibromomethane	6.30	93	64	10.728	ug/l #	1
47) Bromodichloromethane	6.55	83	108	7.700	ug/l #	23
48) Methyl methacrylate	6.89	41	145	31.017	ug/l #	1
49) 1,4-Dioxane	6.85	88	62	1151.753	ug/l #	24
51) 4-Methyl-2-Pentanone	8.59	43	222	44.156	ug/l	98
52) Toluene	7.61	92	59	2.790	ug/l	94
53) t-1,3-Dichloropropene	8.44	75	63	6.109	ug/l #	1
54) cis-1,3-Dichloropropene	7.46	75	73	5.525	ug/l #	27
55) 1,1,2-Trichloroethane	8.67	97	72	11.989	ug/l #	49
56) Ethyl methacrylate	8.75	69	180	27.282	ug/l #	1
57) 1,3-Dichloropropane	9.03	76	165	17.474	ug/l #	57
58) 2-Chloroethyl Vinyl ether	7.39	63	60	29.886	ug/l #	44
59) 2-Hexanone	9.44	43	224	62.337	ug/l	74
60) Dibromochloromethane	8.86	129	66	6.771	ug/l #	11
61) 1,2-Dibromoethane	9.15	107	82	11.797	ug/l #	41
64) Tetrachloroethene	8.30	164	79	147.577	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.02	131	61	110.733	ug/l #	1
67) Ethyl Benzene	10.05	91	108	53.118	ug/l #	43
68) m/p-Xylenes	10.24	106	79	104.361	ug/l	90
70) Styrene	10.88	104	64	52.349	ug/l #	1
73) Isopropylbenzene	11.18	105	185	27.553	ug/l #	50
74) N-ethyl acetate	11.42	43	992	641.210	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	11.79	83	157	147.175	ug/l #	23
76) 1,2,3-Trichloropropane	11.88	75	62	81.918	ug/l #	100
77) Bromobenzene	11.52	156	70	41.703	ug/l #	1
78) n-propylbenzene	11.58	91	463	65.534	ug/l	87
79) 2-Chlorotoluene	11.99	91	205	48.172	ug/l	89
80) 1,3,5-Trimethylbenzene	11.93	105	150	26.463	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.94	75	142	419.732	ug/l #	61
82) 4-Chlorotoluene	11.99	91	205	48.683	ug/l	91
83) tert-Butylbenzene	12.23	119	66	11.346	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.27	105	60	10.929	ug/l #	29
85) sec-Butylbenzene	12.36	105	279	38.507	ug/l #	56
86) p-Isopropyltoluene	12.60	119	146	22.476	ug/l #	50
87) 1,3-Dichlorobenzene	12.39	146	72	24.245	ug/l #	25
88) 1,4-Dichlorobenzene	12.70	146	62	22.020	ug/l #	25
89) n-Butylbenzene	12.89	91	208	35.240	ug/l #	28
90) Hexachloroethane	12.96	117	89	54.658	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	13.79	75	86	399.625	ug/l	66
93) 1,2,4-Trichlorobenzene	14.39	180	79	31.546	ug/l #	11
95) Naphthalene	14.49	128	139	35.828	ug/l #	34
96) 1,2,3-Trichlorobenzene	14.66	180	64	27.022	ug/l #	1

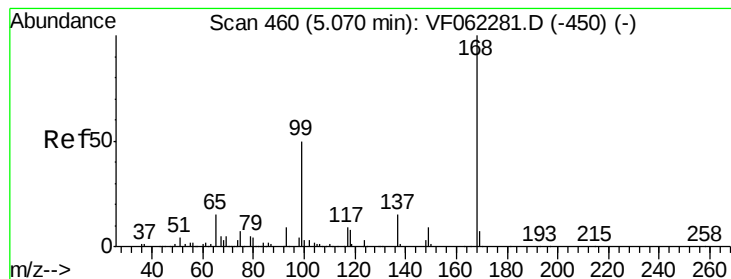
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

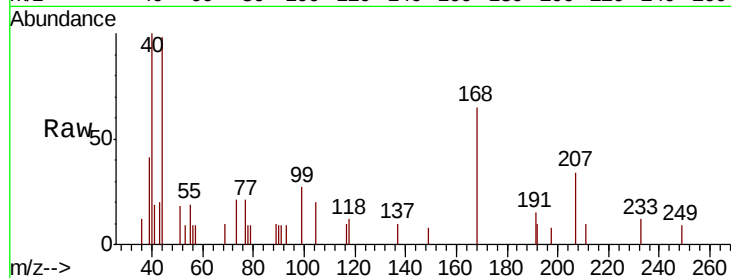
RBR200051RE

Tot Ion:168 Resp: 2334

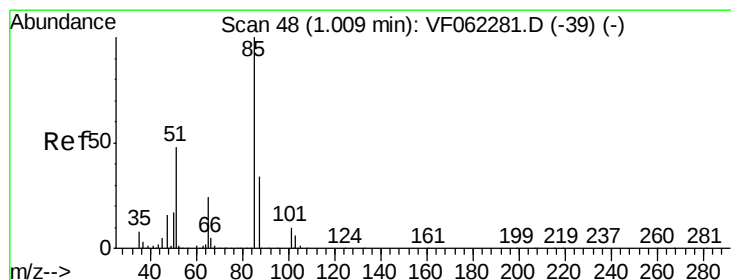
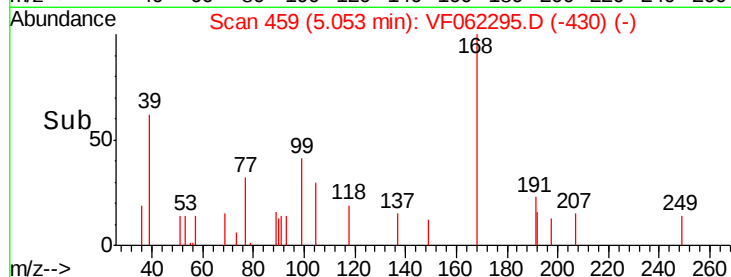
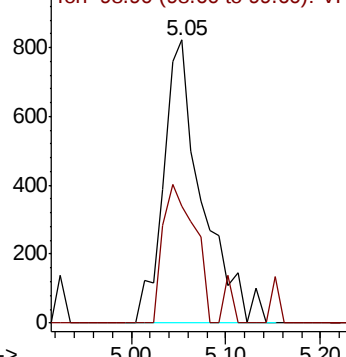
Ion Ratio Lower Upper

168 100

99 41.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0



#2

Dichlorodifluoromethane

Concen: 5.805 ug/l

RT: 1.03 min Scan# 51

Delta R.T. 0.02 min

Lab File: VF062295.D

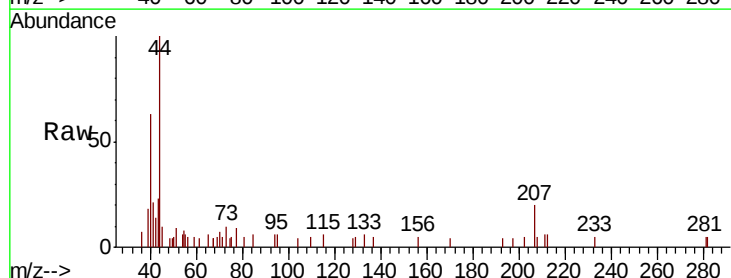
Acq: 25 Apr 2019 16:41

Tgt Ion: 85 Resp: 161

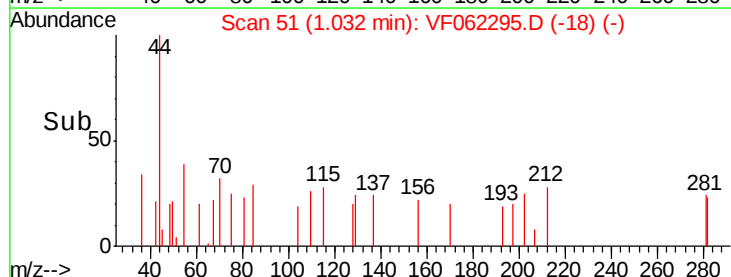
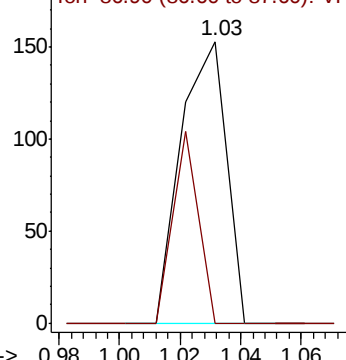
Ion Ratio Lower Upper

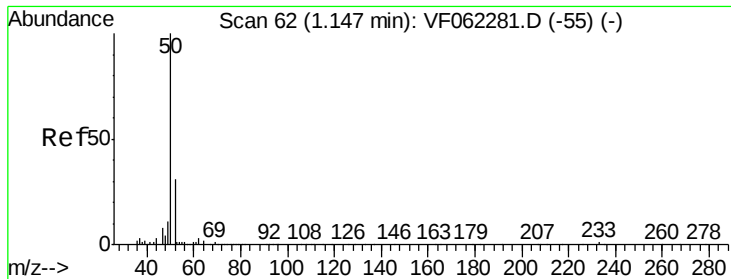
85 100

87 0.0 17.1 51.3#



Abundance Ion 84.90 (84.60 to 85.60): VF0





#3

Chloromethane

Concen: 6.933 ug/l

RT: 1.18 min Scan# 66

Delta R.T. 0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

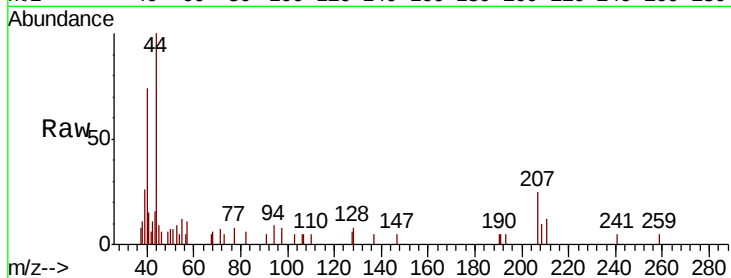
RBR200051RE

Tot Ion: 50 Resp: 162

Ion Ratio Lower Upper

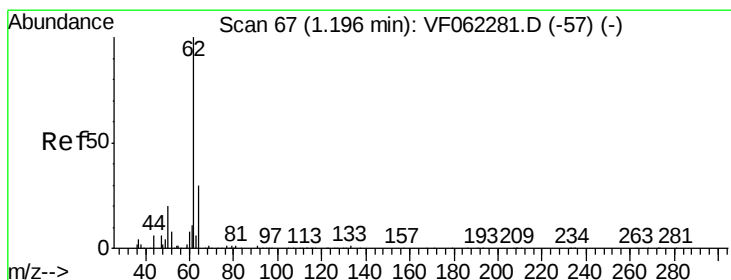
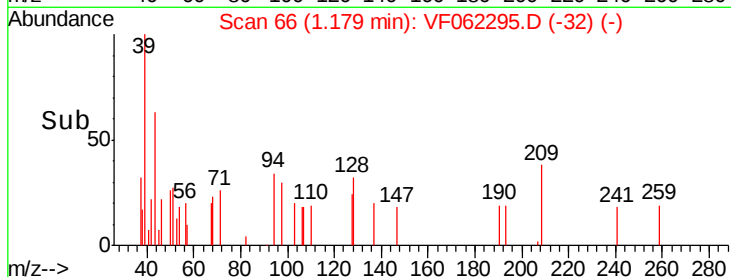
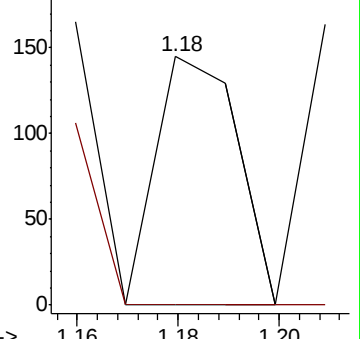
50 100

52 0.0 24.2 36.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 2.892 ug/l

RT: 1.25 min Scan# 73

Delta R.T. 0.05 min

Lab File: VF062295.D

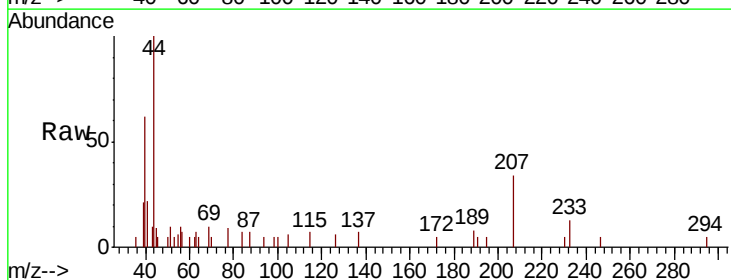
Acq: 25 Apr 2019 16:41

Tgt Ion: 62 Resp: 64

Ion Ratio Lower Upper

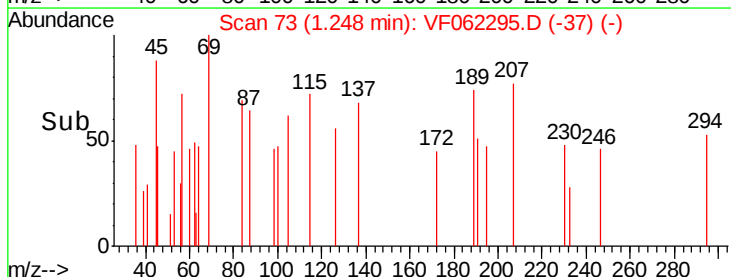
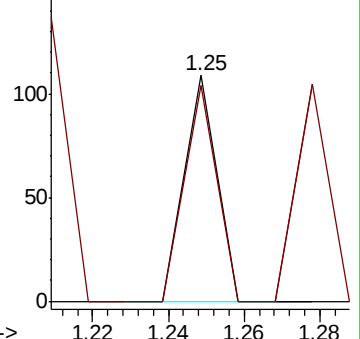
62 100

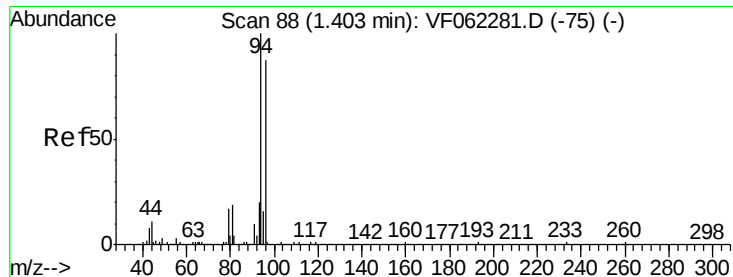
64 95.4 24.3 36.5#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 22.424 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.00 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

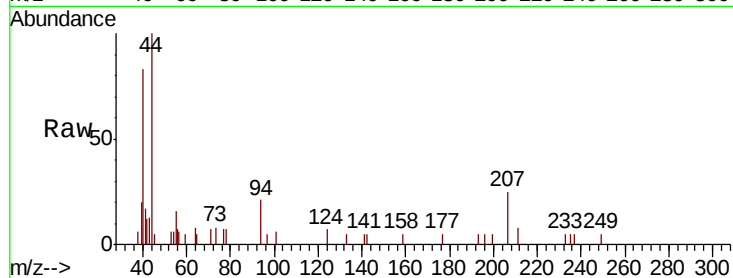
RBR200051RE

Tot Ion: 94 Resp: 337

Ion Ratio Lower Upper

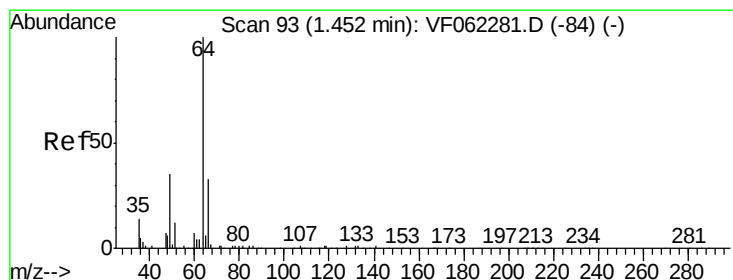
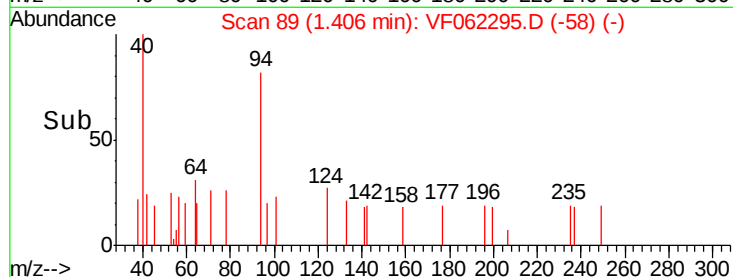
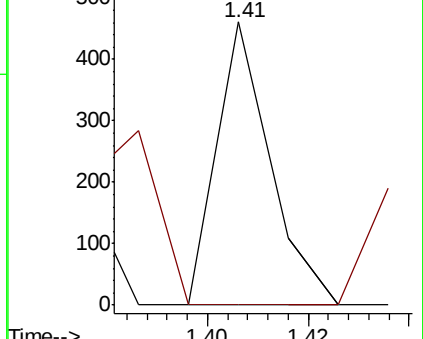
94 100

96 0.0 69.5 104.3#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 8.865 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.01 min

Lab File: VF062295.D

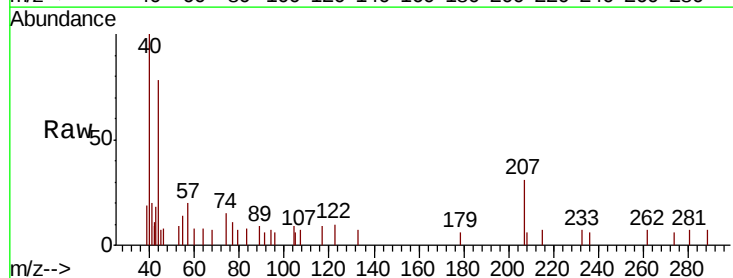
Acq: 25 Apr 2019 16:41

Tgt Ion: 64 Resp: 86

Ion Ratio Lower Upper

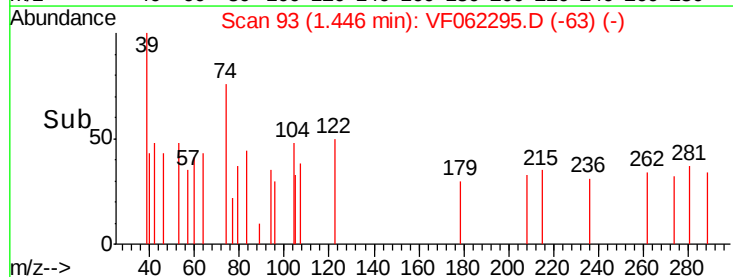
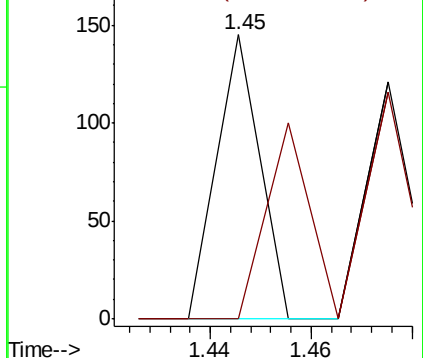
64 100

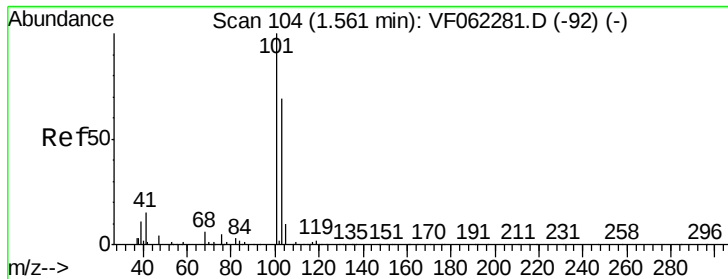
66 0.0 26.0 39.0#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



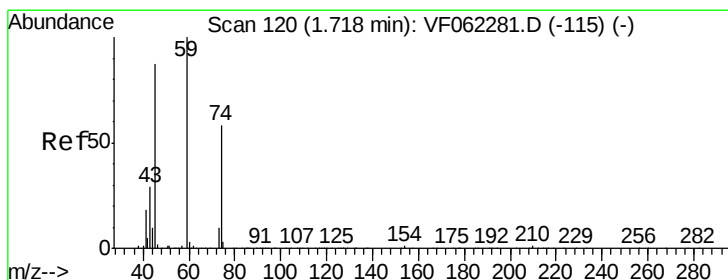
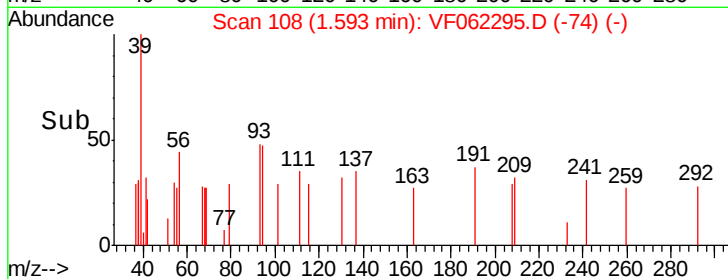
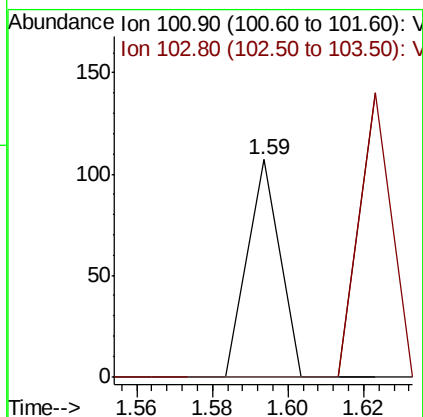
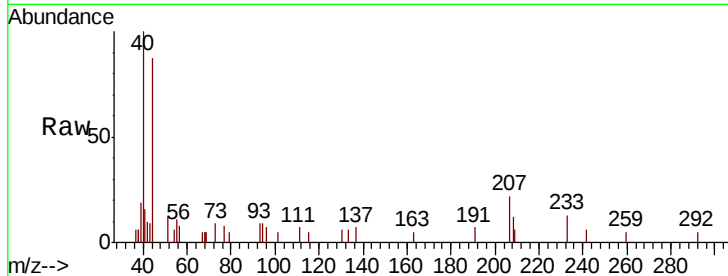


#7

Trichlorofluoromethane
 Concen: 1.792 ug/l
 RT: 1.59 min Scan# 108
 Delta R.T. 0.03 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

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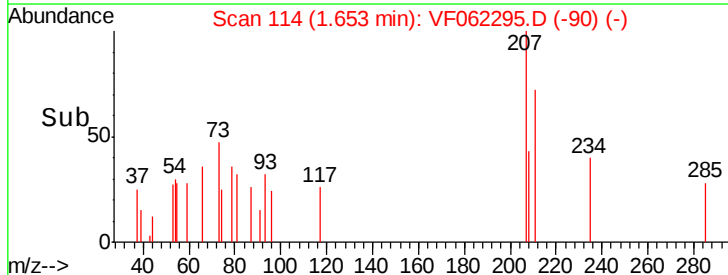
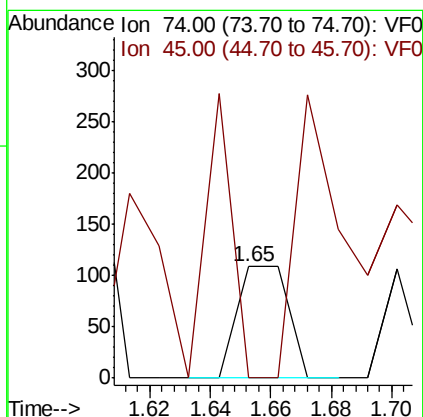
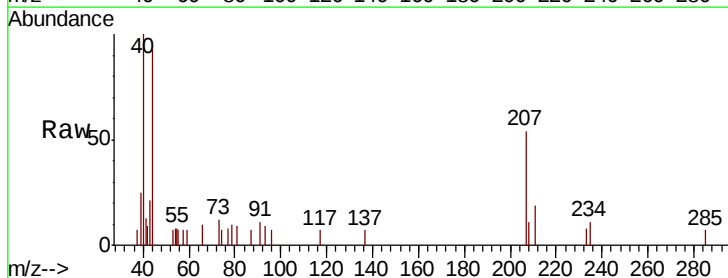
Tot Ion:101 Resp: 63
 Ion Ratio Lower Upper
 101 100
 103 0.0 55.0 82.6#

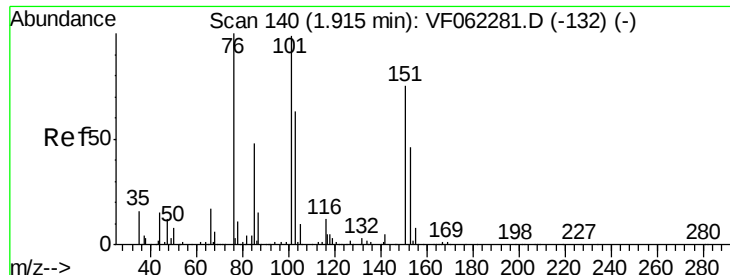


#8

Diethyl Ether
 Concen: 20.092 ug/l
 RT: 1.65 min Scan# 114
 Delta R.T. -0.07 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Tgt Ion: 74 Resp: 128
 Ion Ratio Lower Upper
 74 100
 45 128.1 74.0 222.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.259 ug/l

RT: 1.86 min Scan# 135

Delta R.T. -0.06 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

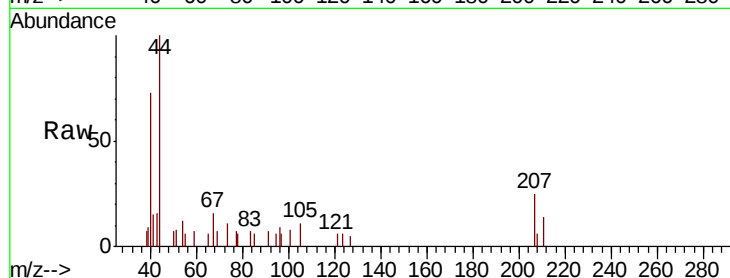
Tot Ion:101 Resp: 94

Ion Ratio Lower Upper

101 100

85 214.9 36.5 54.7#

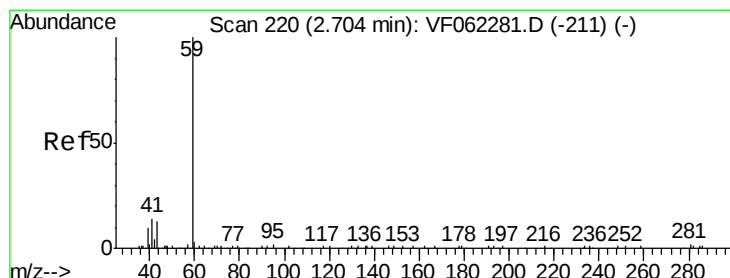
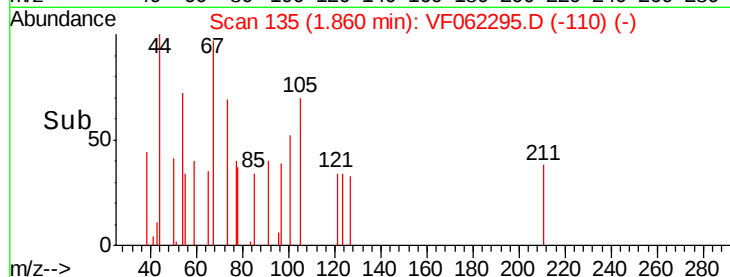
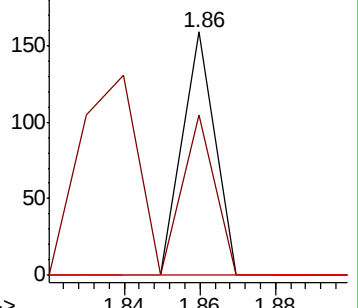
151 0.0 59.2 88.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 125.915 ug/l

RT: 2.69 min Scan# 219

Delta R.T. -0.02 min

Lab File: VF062295.D

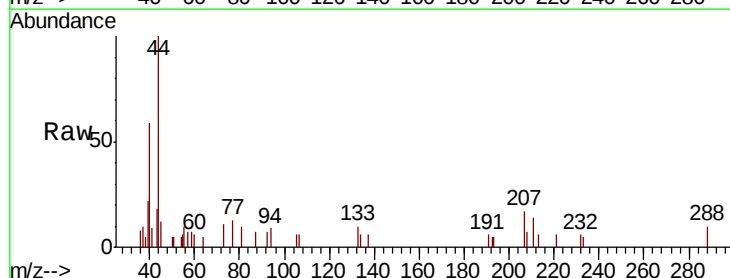
Acq: 25 Apr 2019 16:41

Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

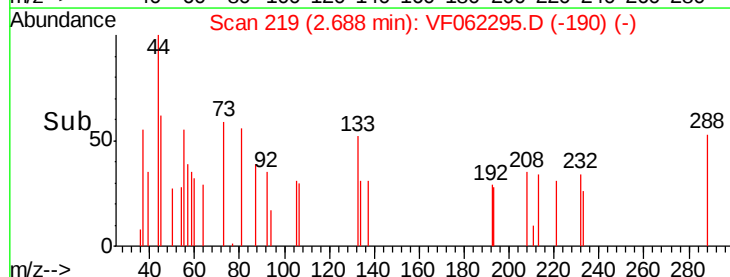
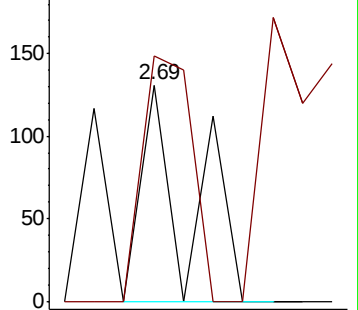
59 100

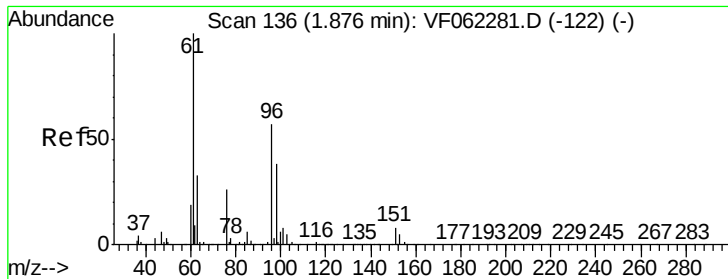
57 118.8 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 4.875 ug/l

RT: 1.86 min Scan# 135

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

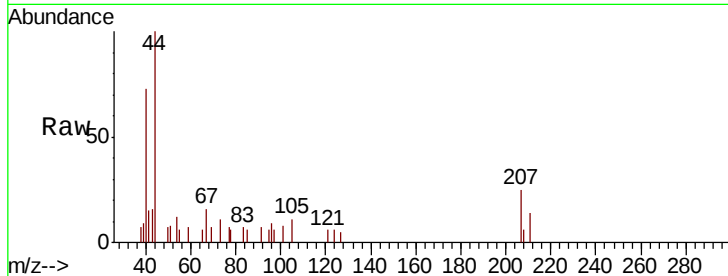
Tot Ion: 96 Resp: 96

Ion Ratio Lower Upper

96 100

61 0.0 141.1 211.7#

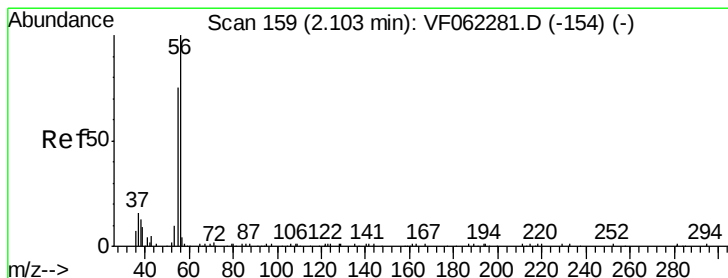
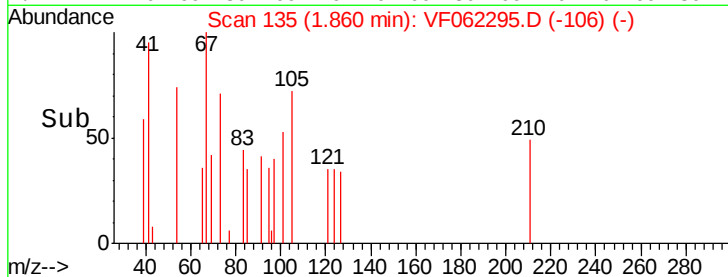
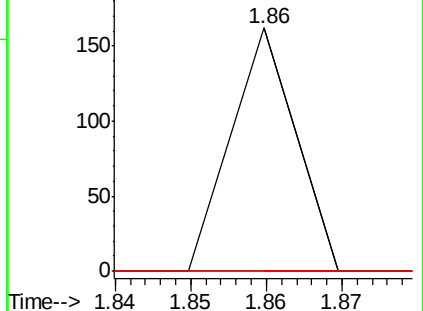
98 0.0 53.4 80.0#



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



#13

Acrolein

Concen: 142.630 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.03 min

Lab File: VF062295.D

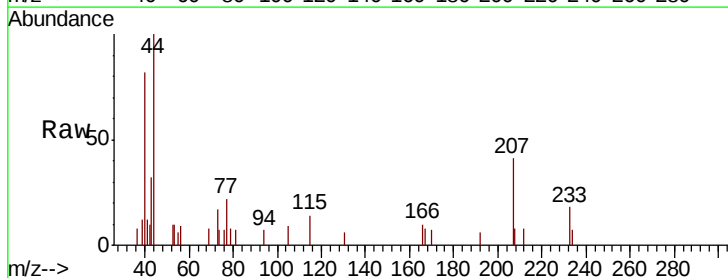
Acq: 25 Apr 2019 16:41

Tgt Ion: 56 Resp: 149

Ion Ratio Lower Upper

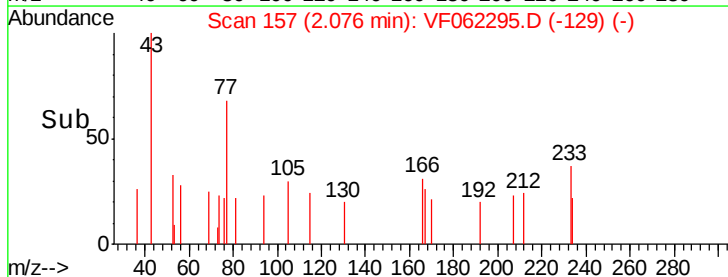
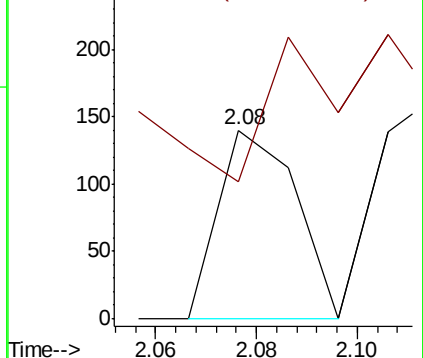
56 100

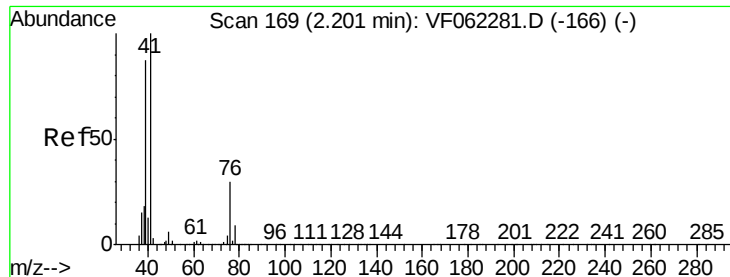
55 0.0 62.3 93.5#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

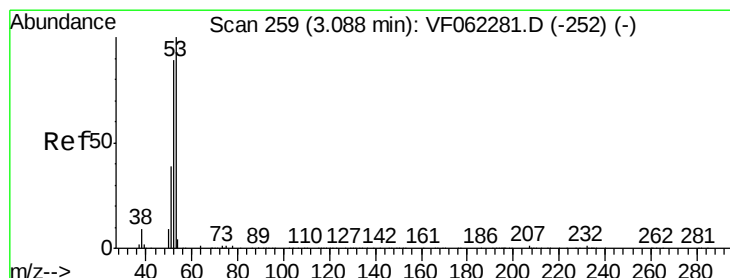
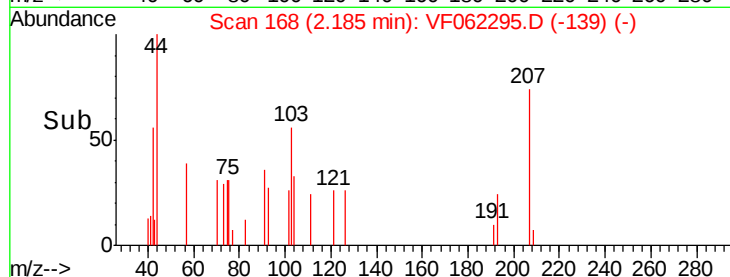
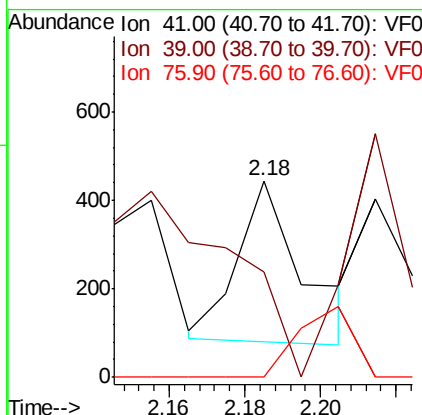
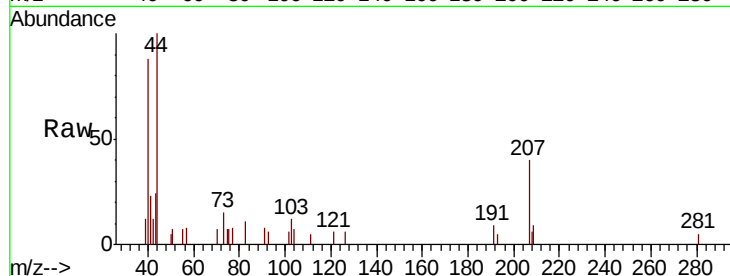




#14
Allvl chloride
Concen: 20.206 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

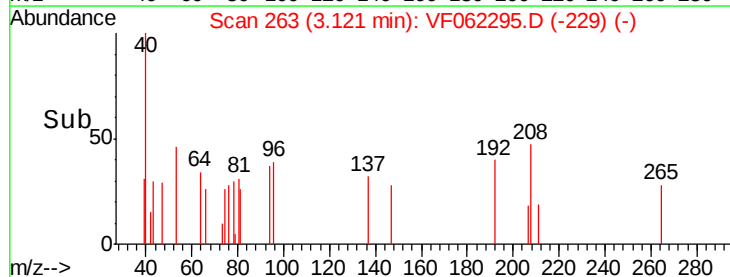
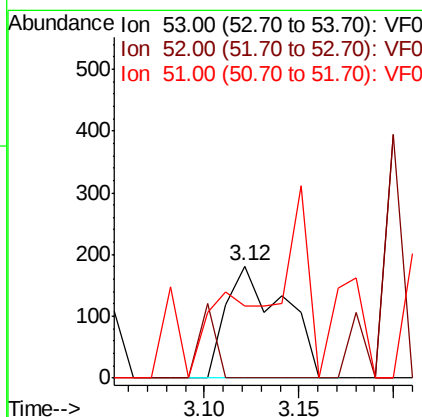
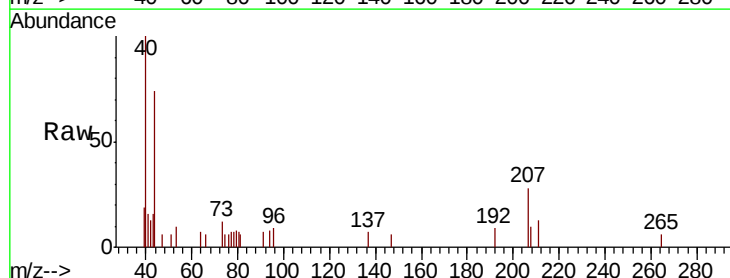
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

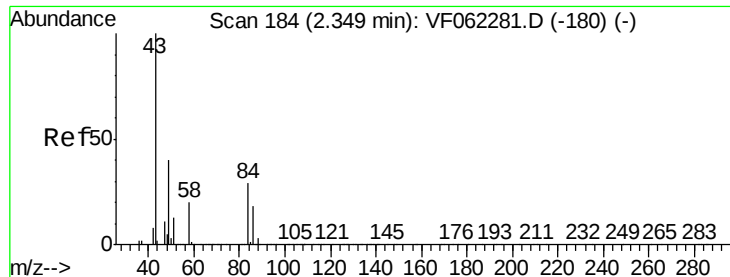
Tot Ion: 41 Resp: 433
Ion Ratio Lower Upper
41 100
39 0.0 50.3 75.5#
76 0.0 14.8 22.2#



#15
Acrylonitrile
Concen: 120.600 ug/l
RT: 3.12 min Scan# 263
Delta R.T. 0.03 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion: 53 Resp: 382
Ion Ratio Lower Upper
53 100
52 18.6 70.6 105.8#
51 74.3 32.6 48.8#





#16

Acetone

Concen: 120.484 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

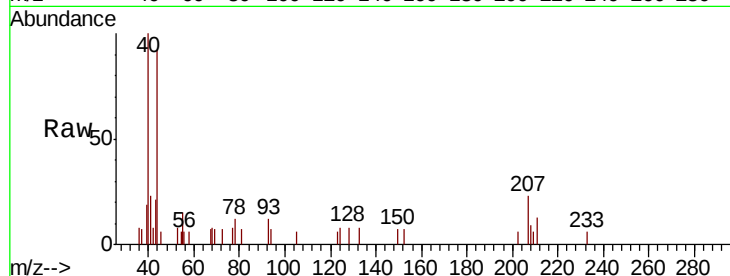
RBR200051RE

Tot Ion: 43 Resp: 510

Ion Ratio Lower Upper

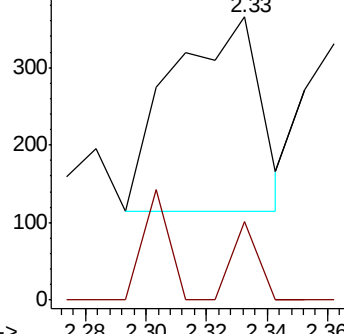
43 100

58 40.2 16.4 24.6#

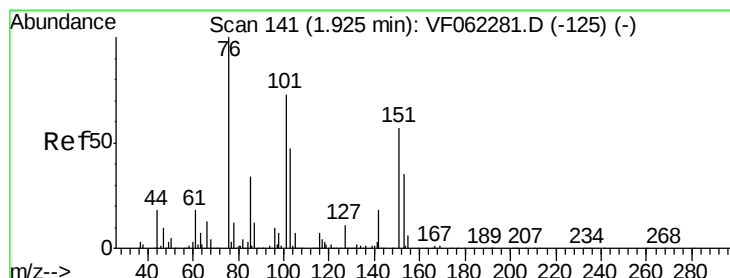
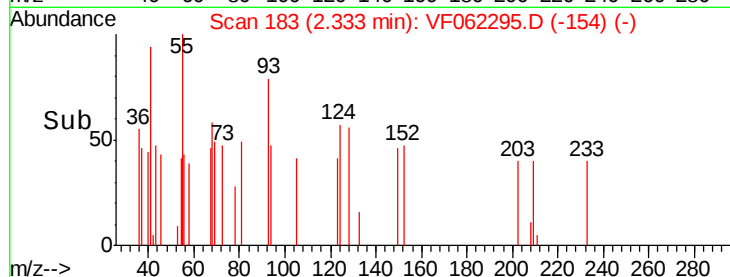


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#17

Carbon Disulfide

Concen: 1.717 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF062295.D

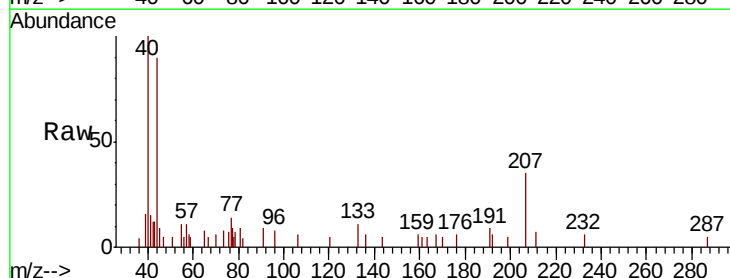
Acq: 25 Apr 2019 16:41

Tgt Ion: 76 Resp: 89

Ion Ratio Lower Upper

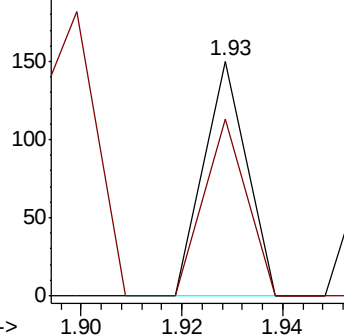
76 100

78 75.3 9.8 14.8#

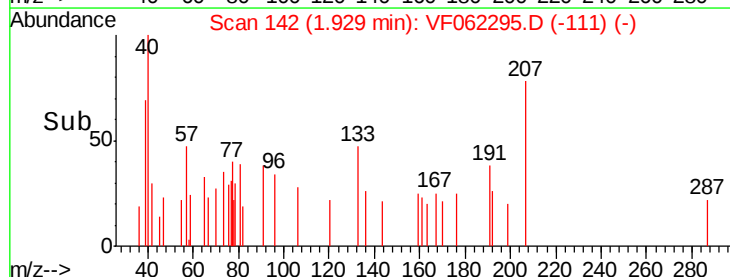


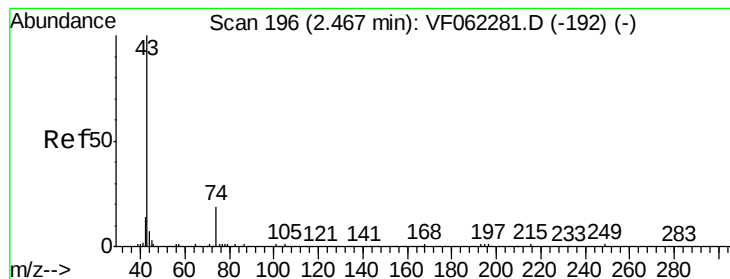
Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



Time-->





#18

Methyl Acetate

Concen: 128.981 ug/l

RT: 2.46 min Scan# 196

Delta R.T. -0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

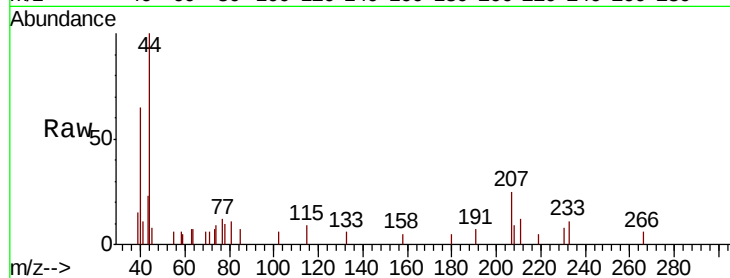
RBR200051RE

Tot Ion: 43 Resp: 978

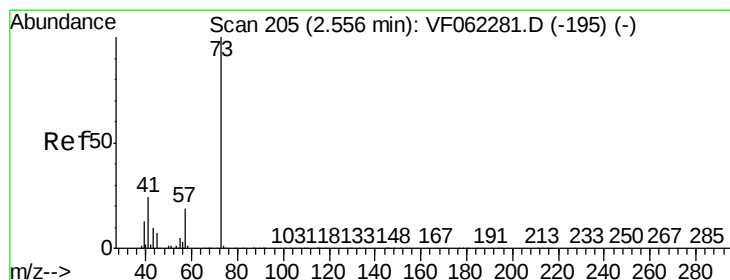
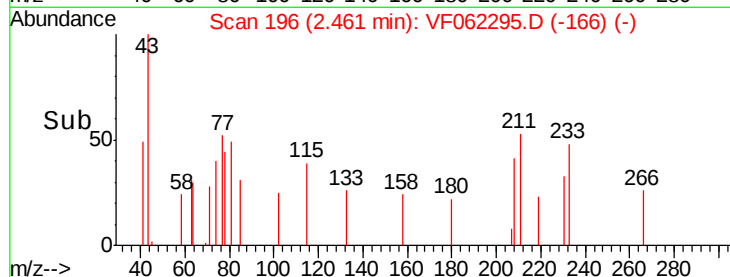
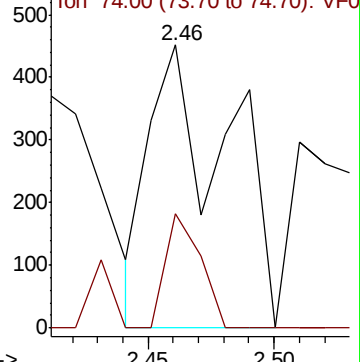
Ion Ratio Lower Upper

43 100

74 18.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VF0



#19

Methyl tert-butyl Ether

Concen: 9.830 ug/l

RT: 2.56 min Scan# 206

Delta R.T. 0.00 min

Lab File: VF062295.D

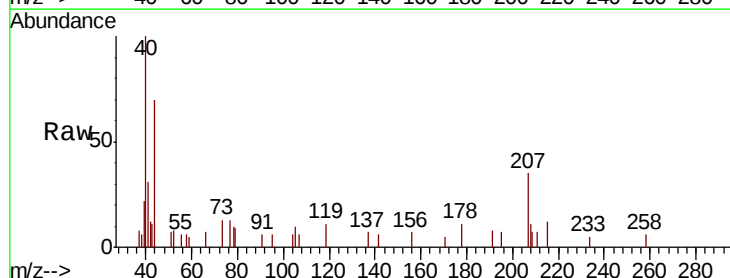
Acq: 25 Apr 2019 16:41

Tgt Ion: 73 Resp: 369

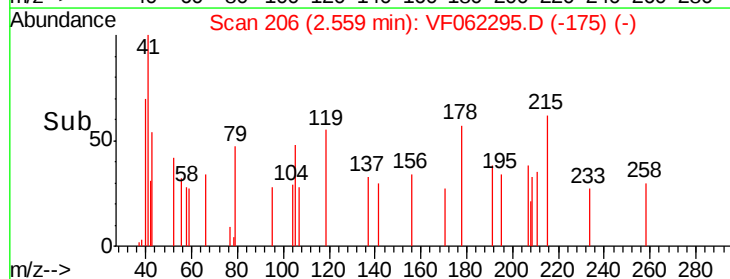
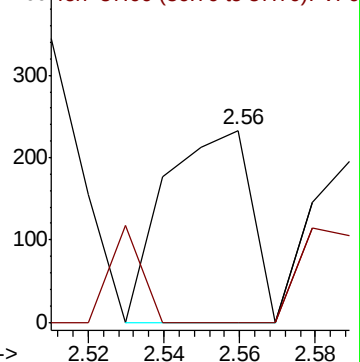
Ion Ratio Lower Upper

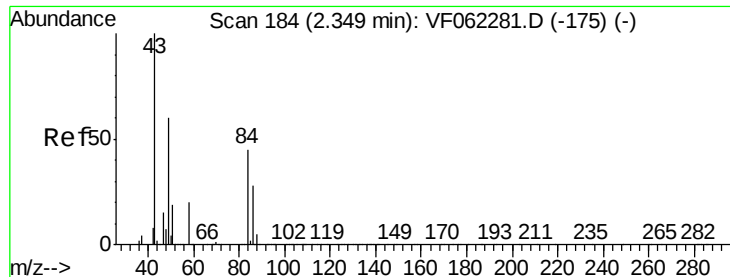
73 100

57 0.0 15.5 23.3#



Abundance Ion 73.00 (72.70 to 73.70): VF0

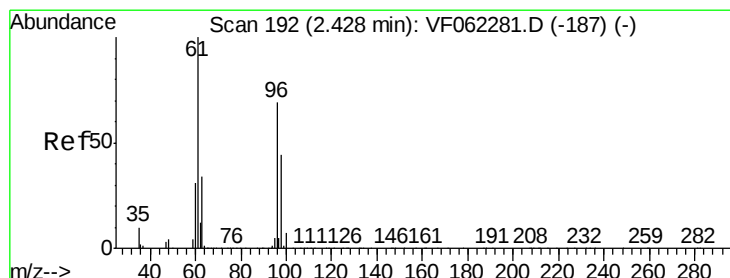
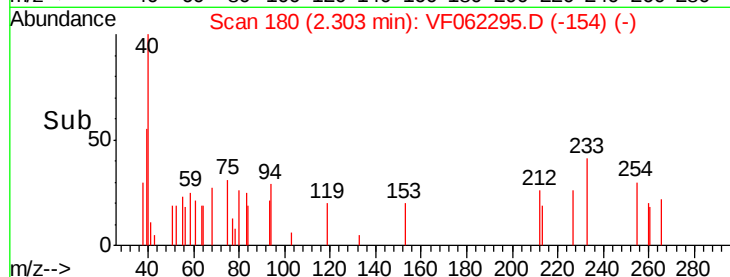
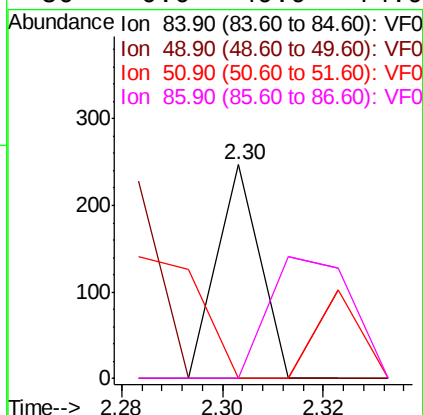
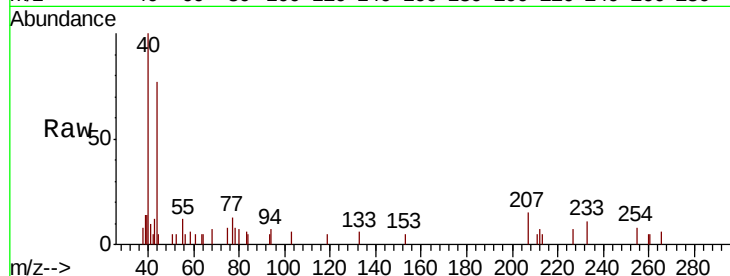




#20
Methvlene Chloride
Concen: 3.133 ug/l
RT: 2.30 min Scan# 180
Delta R.T. -0.05 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

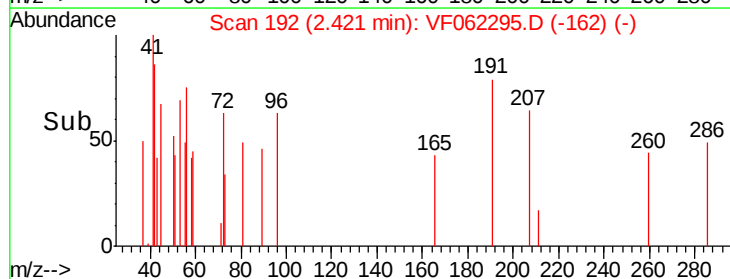
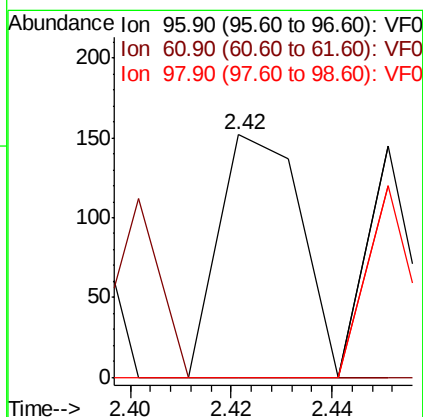
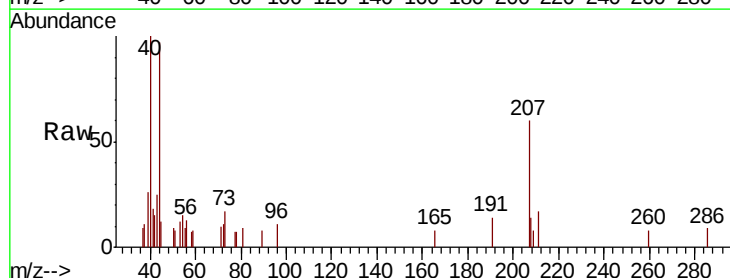
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

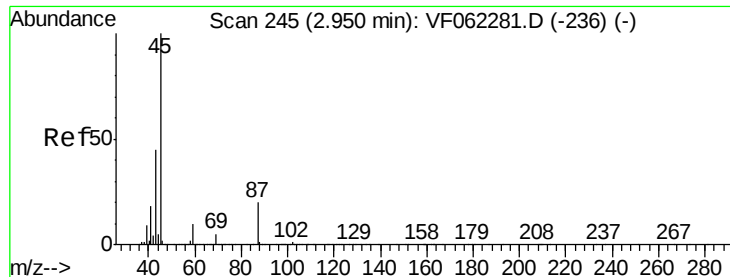
Tot Ion:	84	Resp:	146
Ion	Ratio	Lower	Upper
84	100		
49	0.0	112.1	168.1#
51	0.0	35.9	53.9#
86	0.0	49.9	74.9#



#21
trans-1,2-Dichloroethene
Concen: 8.787 ug/l
RT: 2.42 min Scan# 192
Delta R.T. -0.01 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion:	96	Resp:	171
Ion	Ratio	Lower	Upper
96	100		
61	0.0	116.2	174.2#
98	0.0	51.4	77.0#





#22

Diisopropyl ether

Concen: 6.292 ug/l

RT: 2.93 min Scan# 244

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

Tot Ion: 45 Resp: 363

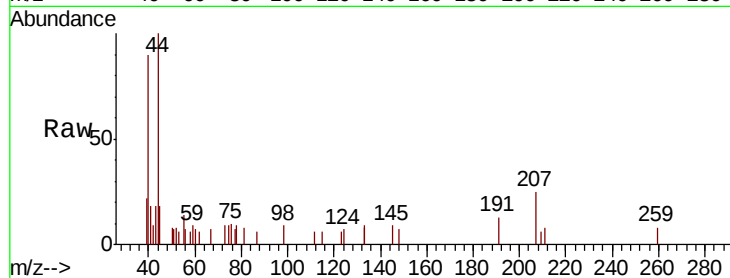
Ion Ratio Lower Upper

45 100

43 18.7 36.2 54.2#

87 0.0 15.8 23.6#

59 48.3 7.8 11.8#

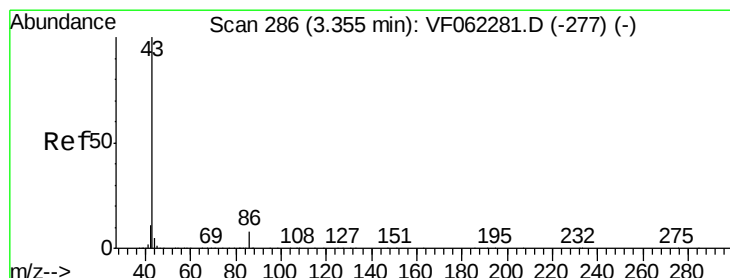
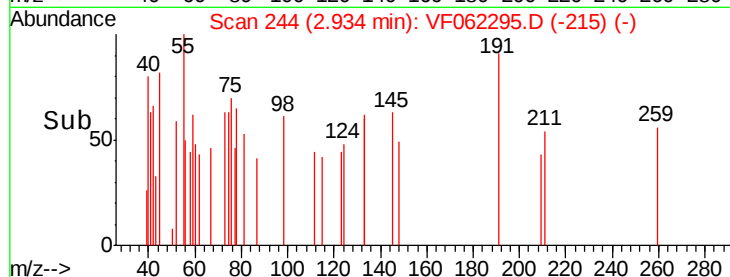
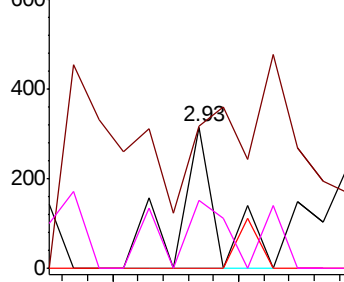


Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 64.029 ug/l

RT: 3.30 min Scan# 281

Delta R.T. -0.06 min

Lab File: VF062295.D

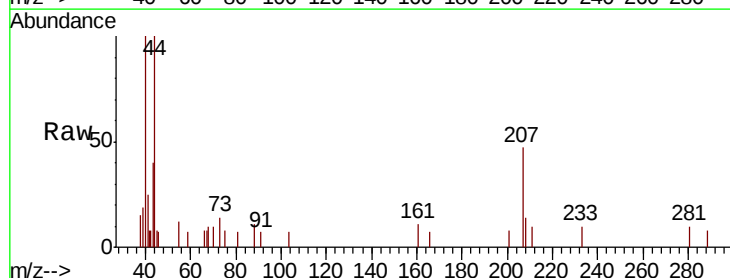
Acq: 25 Apr 2019 16:41

Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

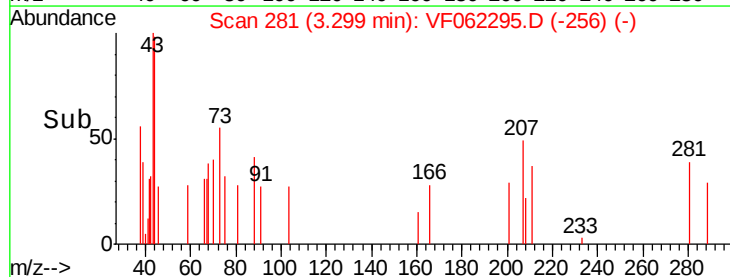
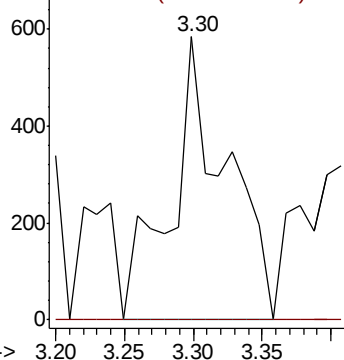
43 100

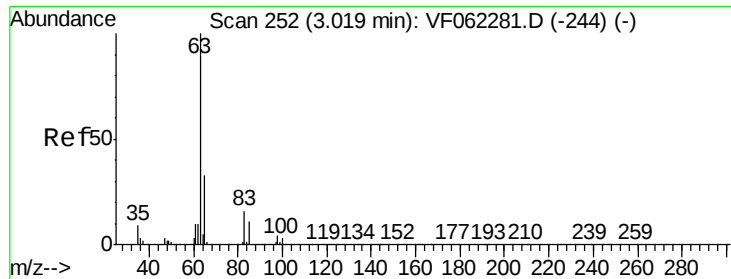
86 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 1.913 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

Tot Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.2#

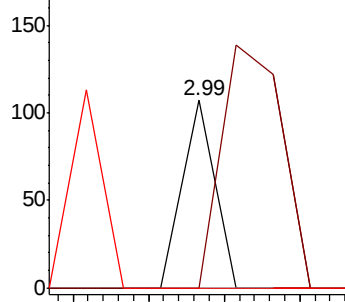
100 0.0 1.5 4.5#



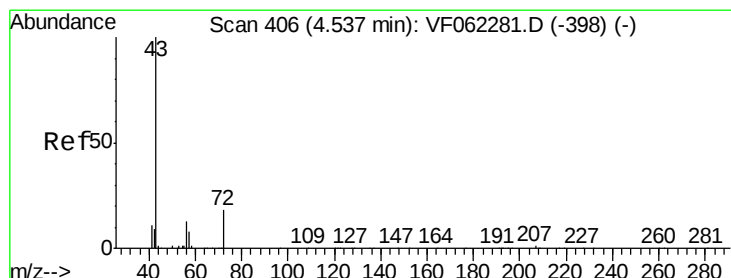
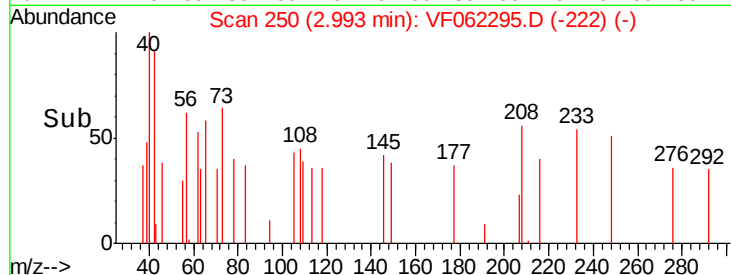
Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Ion 99.90 (99.60 to 100.60): VF0



Time-->



#25

2-Butanone

Concen: 82.393 ug/l

RT: 4.54 min Scan# 407

Delta R.T. 0.00 min

Lab File: VF062295.D

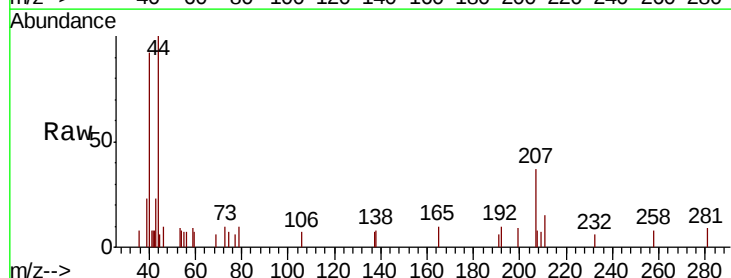
Acq: 25 Apr 2019 16:41

Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

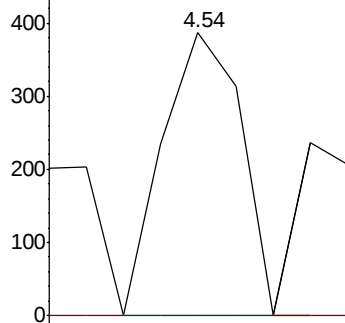
43 100

72 0.0 15.8 23.6#

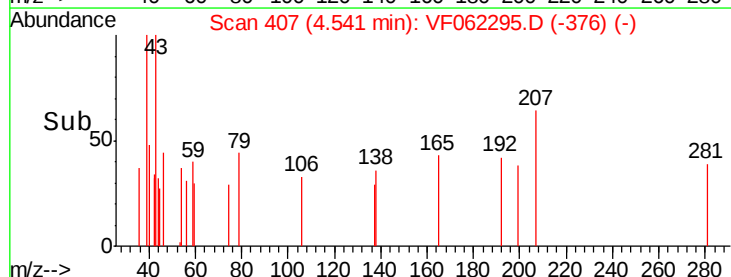


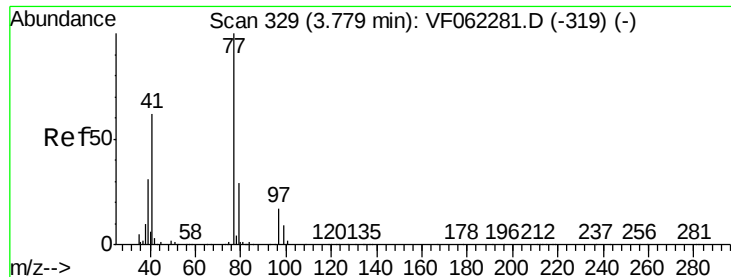
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



Time-->





#26

2,2-Dichloropropane

Concen: 28.247 ug/l

RT: 3.82 min Scan# 334

Delta R.T. 0.04 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

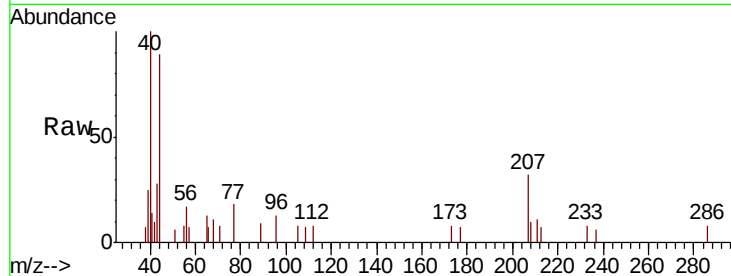
RBR200051RE

Tot Ion: 77 Resp: 483

Ion Ratio Lower Upper

77 100

97 0.0 10.3 30.8#



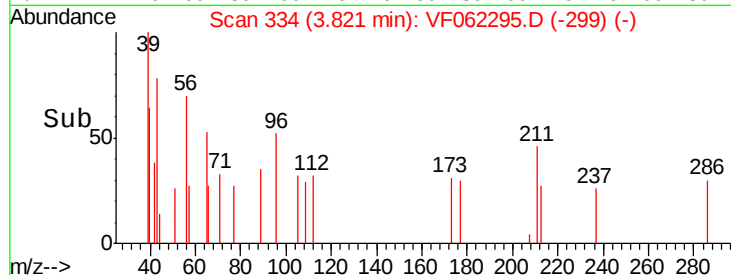
Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

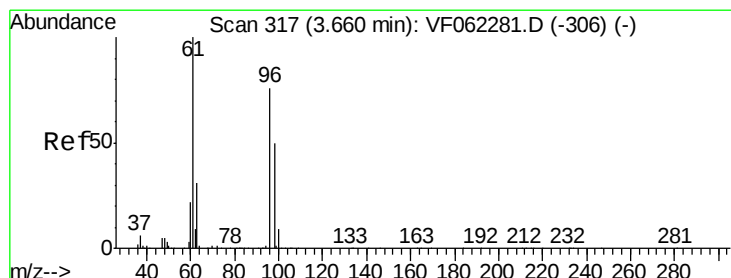
3.82

3.84

3.86



Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.409 ug/l

RT: 3.77 min Scan# 329

Delta R.T. 0.11 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

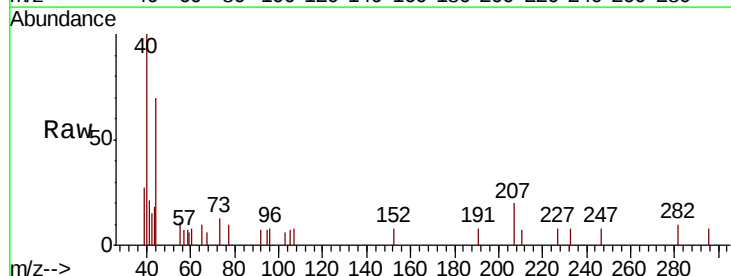
Tgt Ion: 96 Resp: 84

Ion Ratio Lower Upper

96 100

61 79.8 0.0 257.6

98 85.7 0.0 137.4



Abundance Ion 95.90 (95.60 to 96.60): VF0

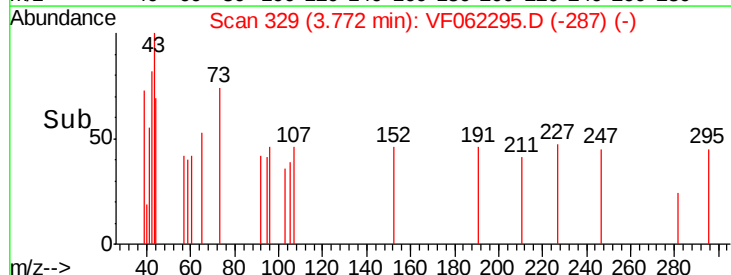
Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

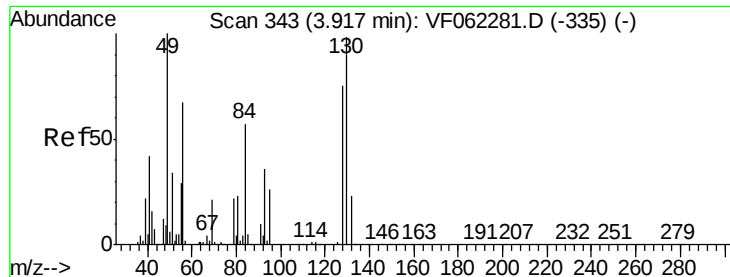
3.77

3.78

3.80



Time-->



#28

Bromochloromethane

Concen: 5.045 ug/l

RT: 3.87 min Scan# 339

Delta R.T. -0.05 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

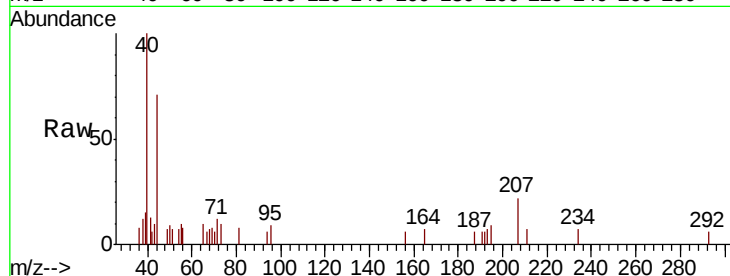
Tot Ion: 49 Resp: 70

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

130 0.0 77.0 115.4#



Abundance Ion 48.90 (48.60 to 49.60): VF0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

3.87

150

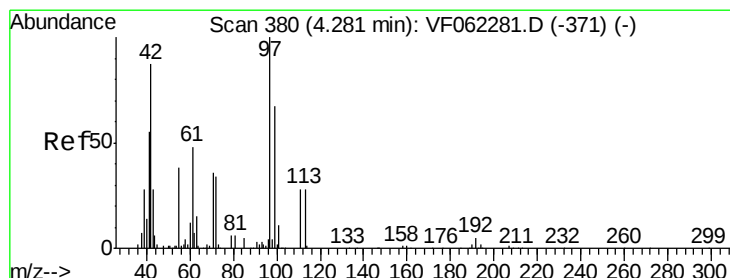
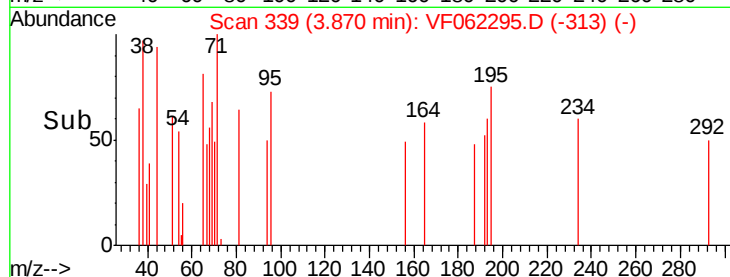
100

50

0

3.84 3.86 3.88 3.90

Time-->



#29

Tetrahydrofuran

Concen: 74.259 ug/l

RT: 4.25 min Scan# 378

Delta R.T. -0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

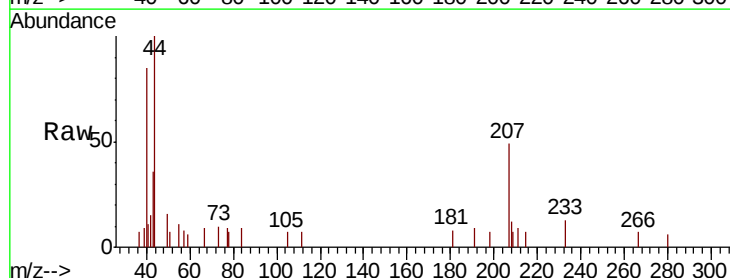
Tgt Ion: 42 Resp: 219

Ion Ratio Lower Upper

42 100

72 32.0 29.3 43.9

71 0.0 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

4.25

300

250

200

150

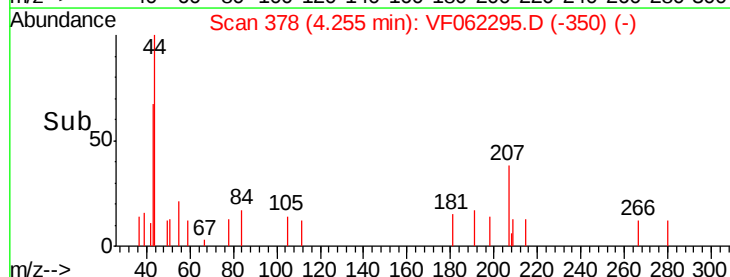
100

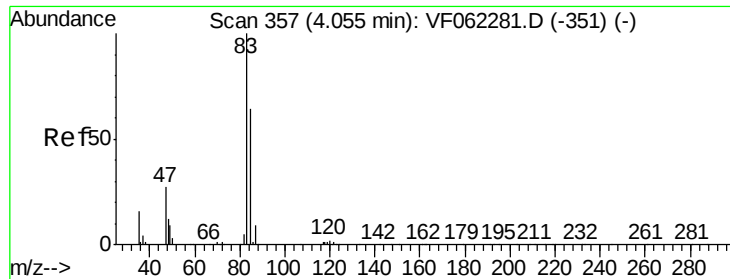
50

0

4.24 4.26 4.28

Time-->

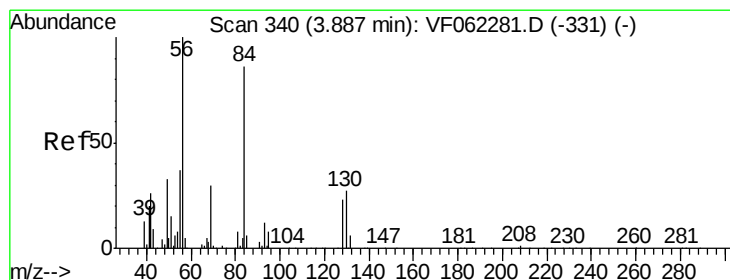
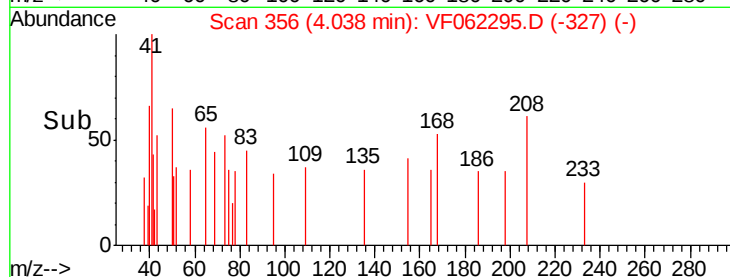
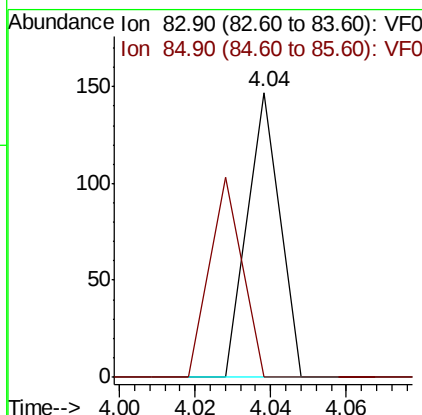
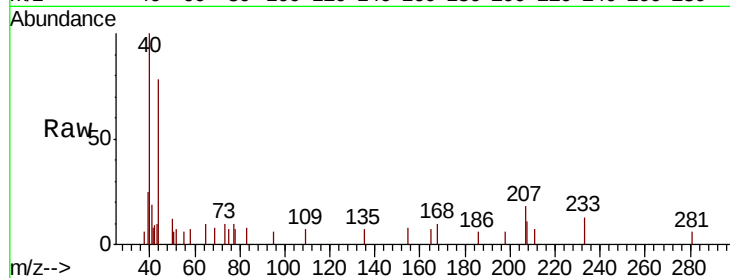




#30
Chloroform
Concen: 2.104 ug/l
RT: 4.04 min Scan# 356
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

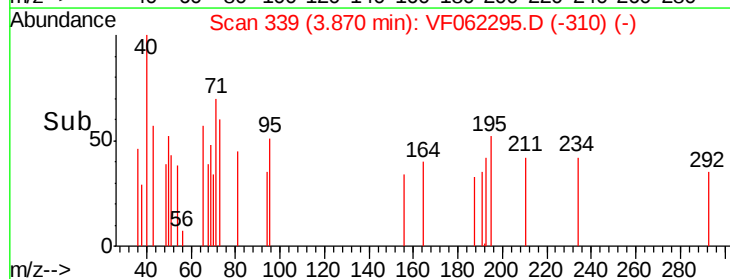
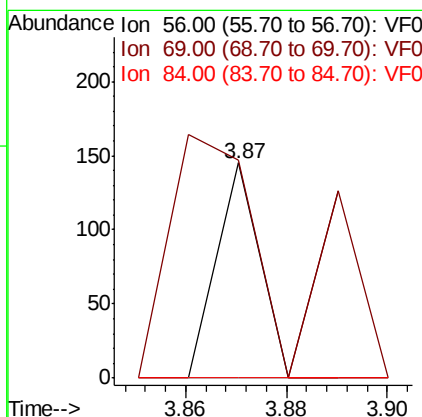
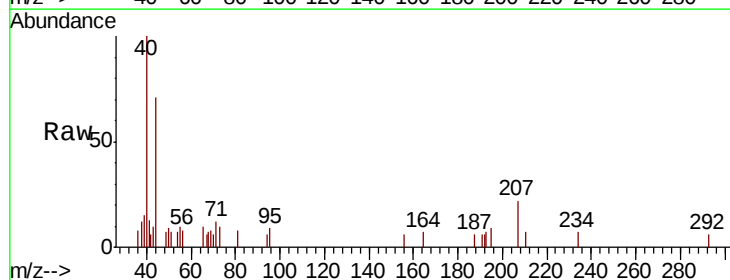
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

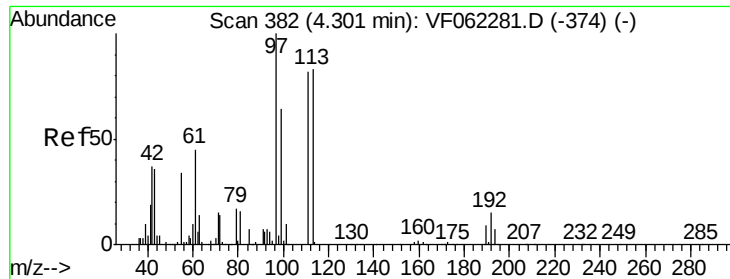
Tot Ion: 83 Resp: 87
Ion Ratio Lower Upper
83 100
85 0.0 51.1 76.7#



#31
Cyclohexane
Concen: 2.745 ug/l
RT: 3.87 min Scan# 339
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
69 14.5 24.3 36.5#
84 0.0 68.5 102.7#





#32

1,1,1-Trichloroethane

Concen: 6.531 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

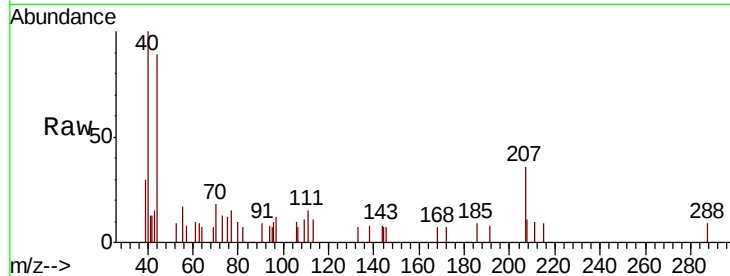
Tot Ion: 97 Resp: 212

Ion Ratio Lower Upper

97 100

99 0.0 41.6 62.4#

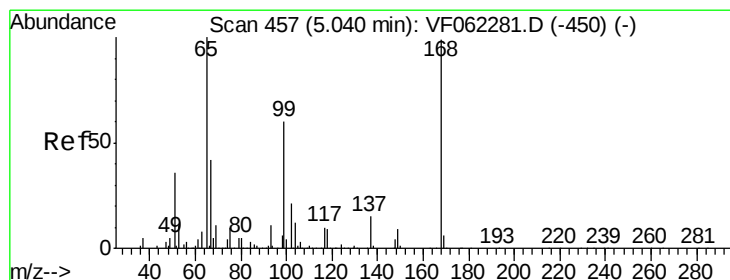
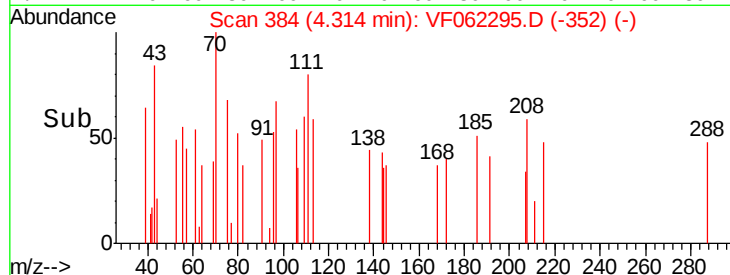
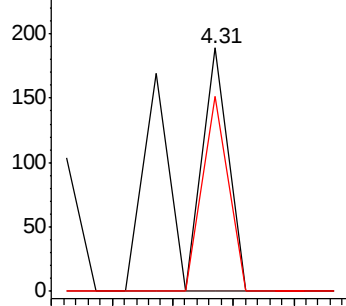
61 42.0 31.6 47.4



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: 23.432 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF062295.D

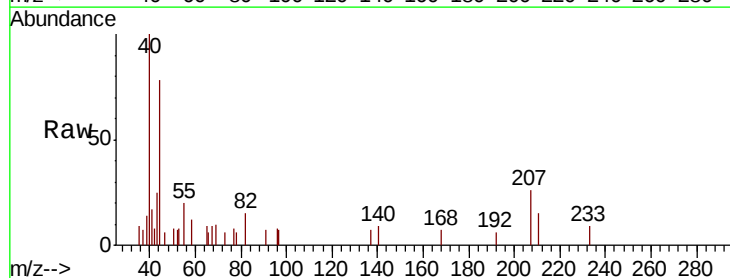
Acq: 25 Apr 2019 16:41

Tgt Ion: 65 Resp: 443

Ion Ratio Lower Upper

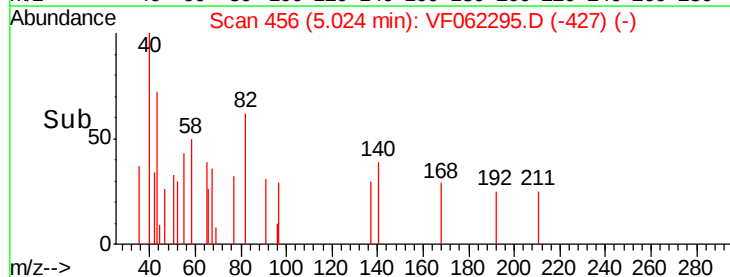
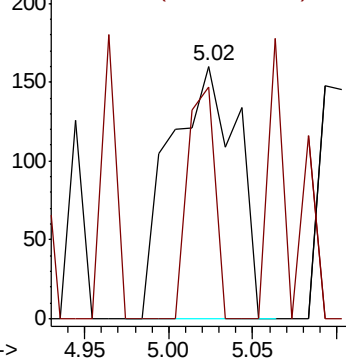
65 100

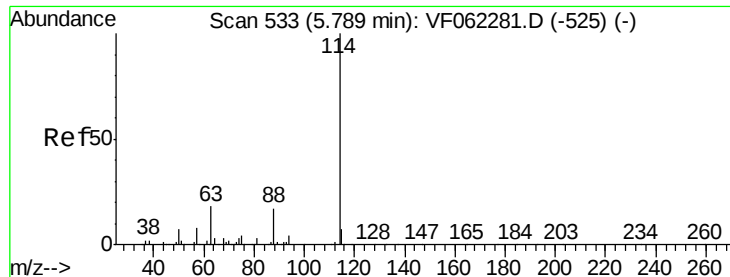
67 37.2 0.0 98.8



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: 5.78 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

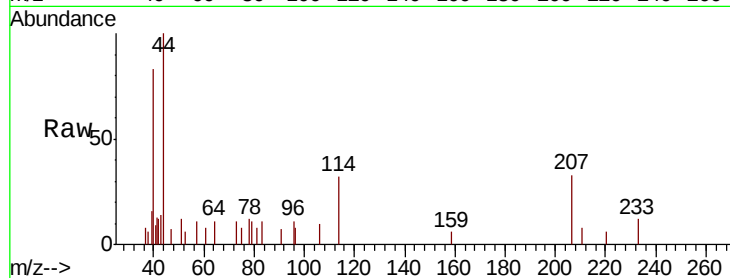
Tot Ion:114 Resp: 1644

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.6

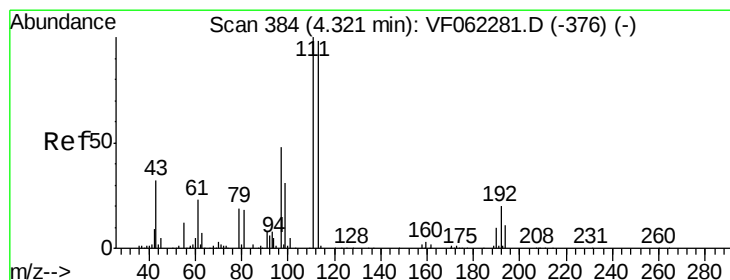
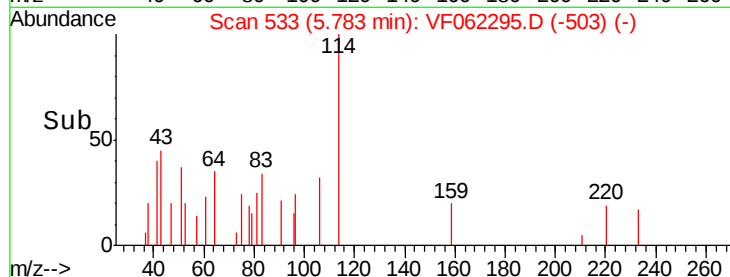
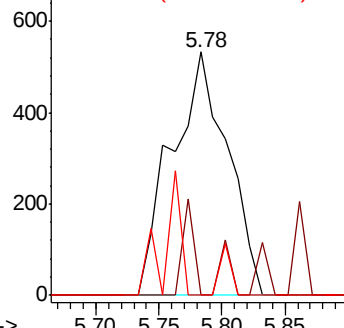
88 0.0 0.0 34.6



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: 39.870 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

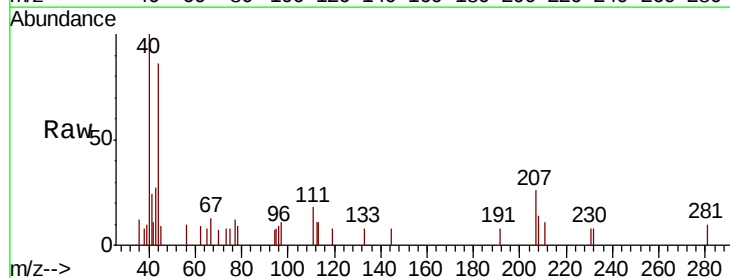
Tgt Ion:113 Resp: 486

Ion Ratio Lower Upper

113 100

111 159.5 81.4 122.2#

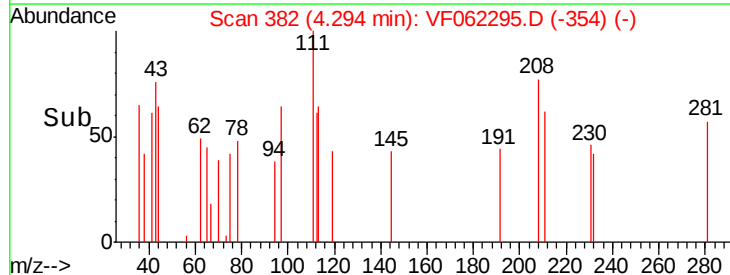
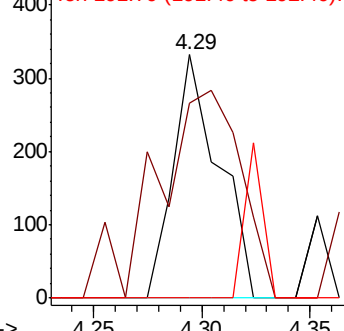
192 0.0 17.0 25.4#

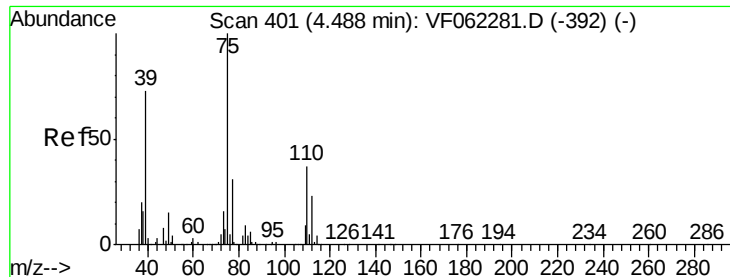


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 19.779 ug/l

RT: 4.45 min Scan# 398

Delta R.T. -0.04 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

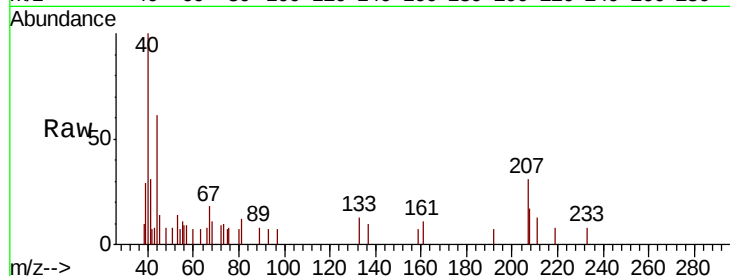
Tot Ion: 75 Resp: 300

Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.8#

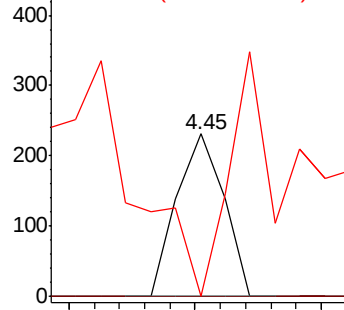
77 228.0 24.6 36.8#



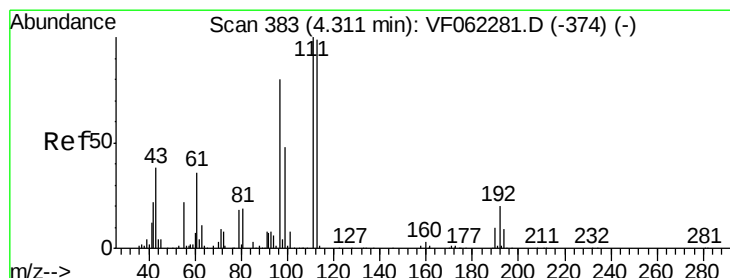
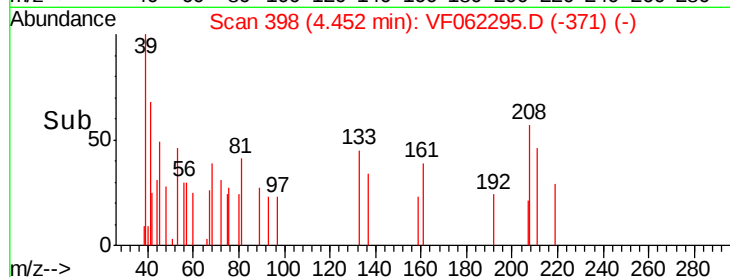
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0



Time-->



#37

Ethyl Acetate

Concen: 140.890 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

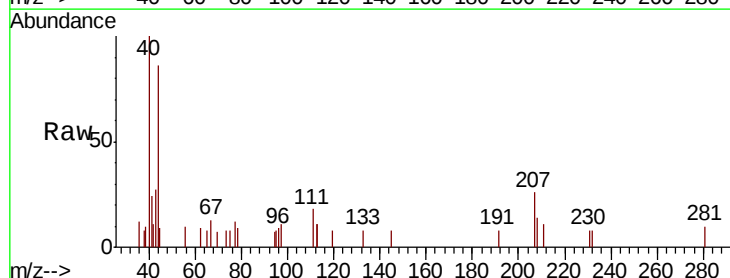
Tgt Ion: 43 Resp: 899

Ion Ratio Lower Upper

43 100

61 9.9 85.8 128.6#

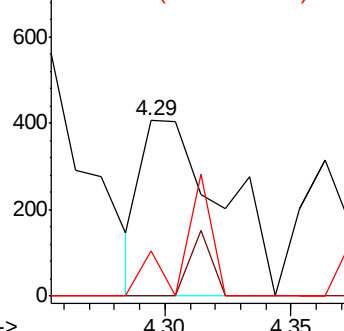
70 25.3 7.3 10.9#



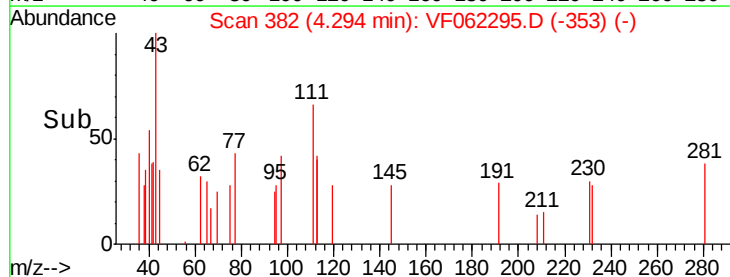
Abundance Ion 43.00 (42.70 to 43.70): VF0

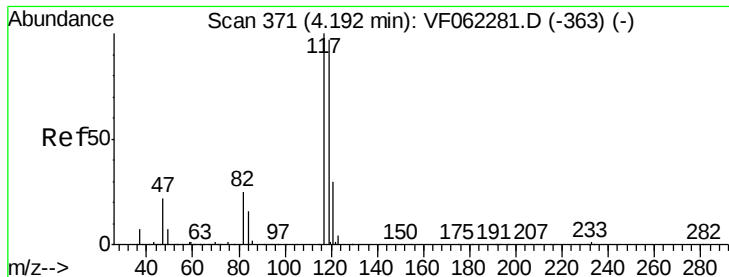
Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0



Time-->





#38

Carbon Tetrachloride

Concen: 4.345 ug/l

RT: 4.17 min Scan# 369

Delta R.T. -0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

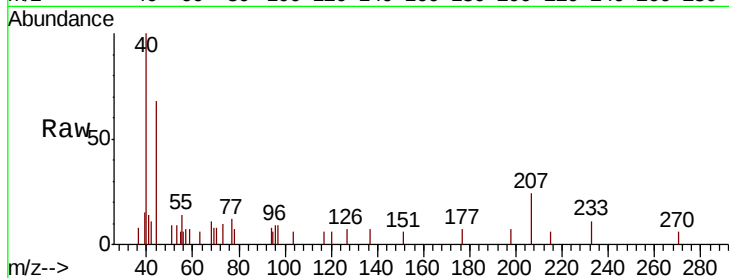
Tot Ion:117 Resp: 67

Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

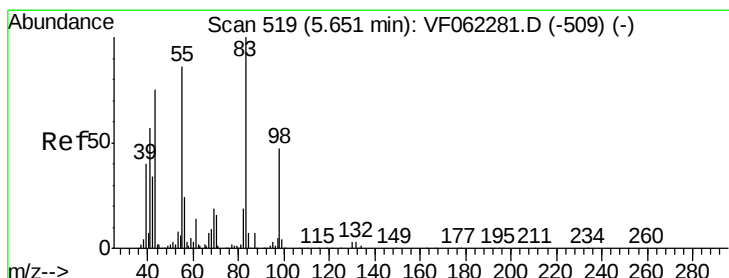
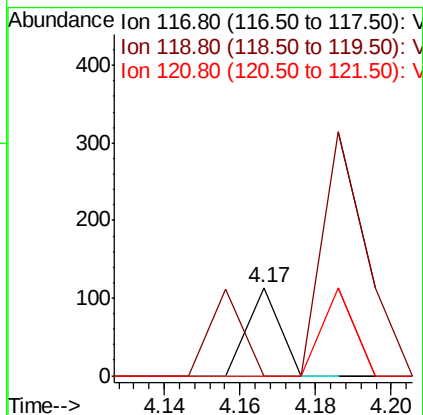
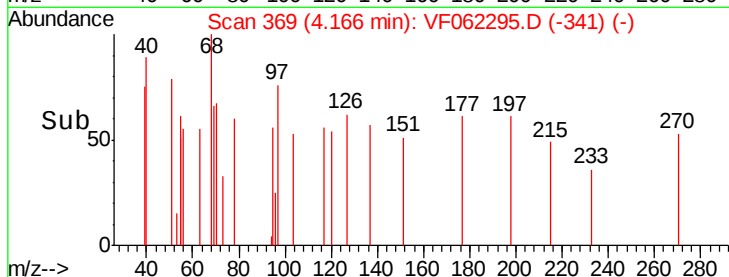
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 3.784 ug/l

RT: 5.65 min Scan# 520

Delta R.T. 0.00 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

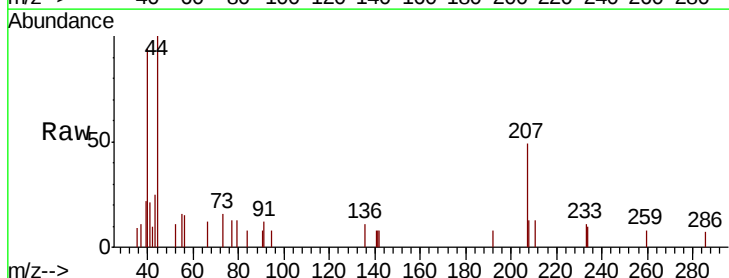
Tgt Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

55 0.0 68.7 103.1#

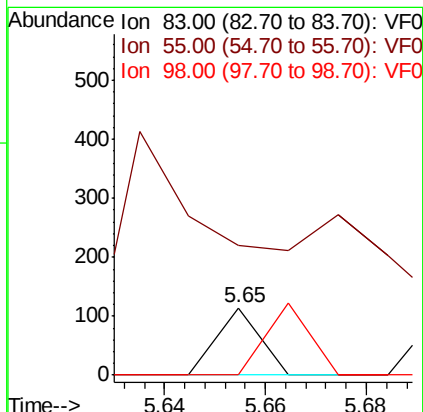
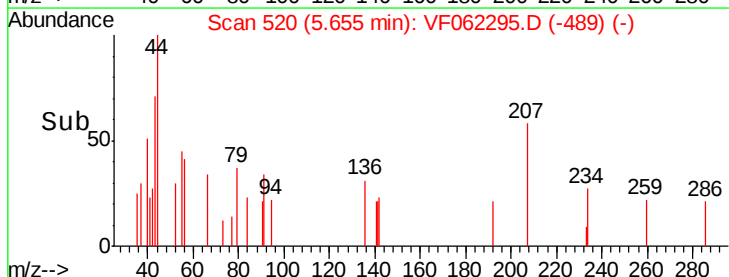
98 0.0 37.4 56.2#

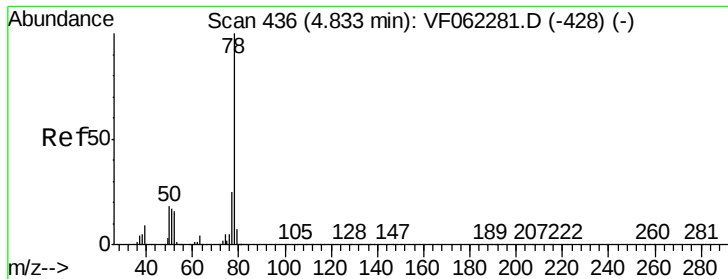


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 6.631 ug/l

RT: 4.84 min Scan# 437

Delta R.T. 0.00 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

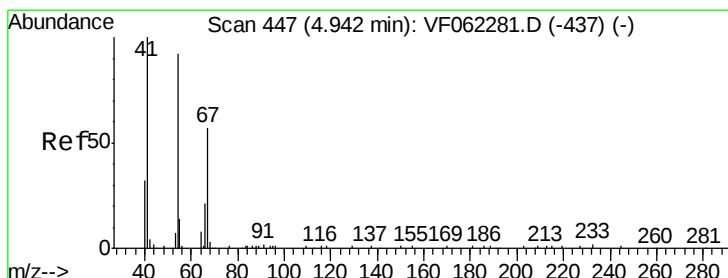
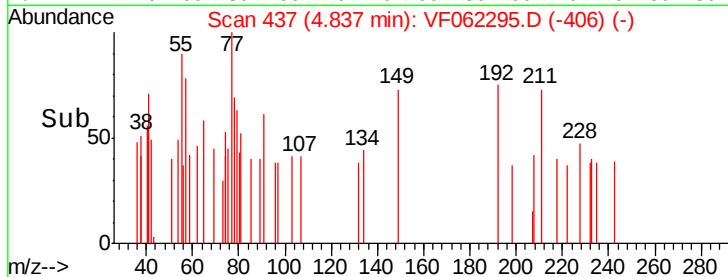
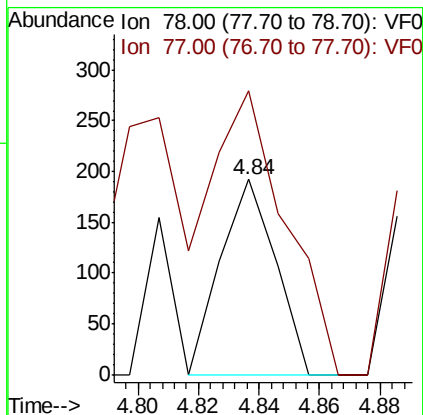
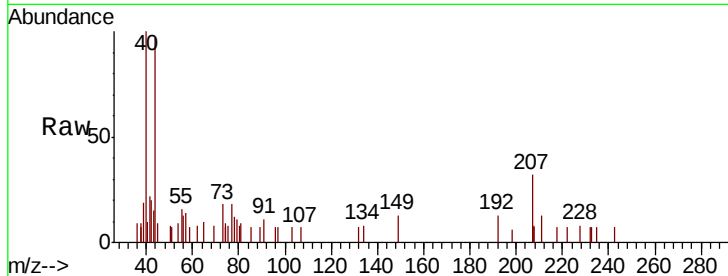
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

Tot Ion: 78 Resp: 243

Ion Ratio Lower Upper

78 100

77 145.3 19.7 29.5#



#41

Methacrylonitrile

Concen: 95.632 ug/l

RT: 4.91 min Scan# 444

Delta R.T. -0.04 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Tgt Ion: 41 Resp: 339

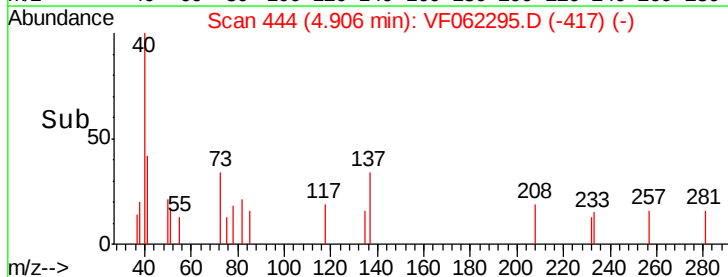
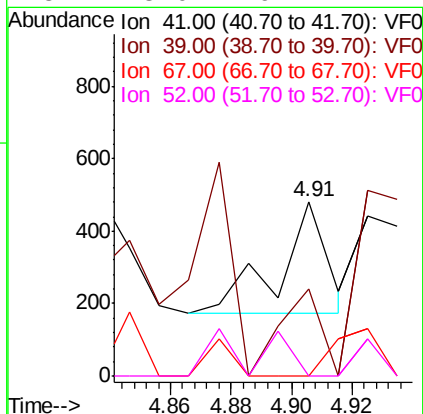
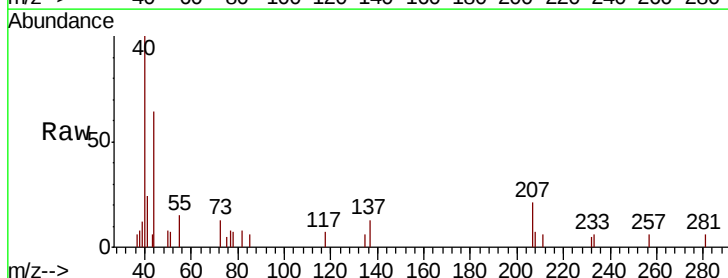
Ion Ratio Lower Upper

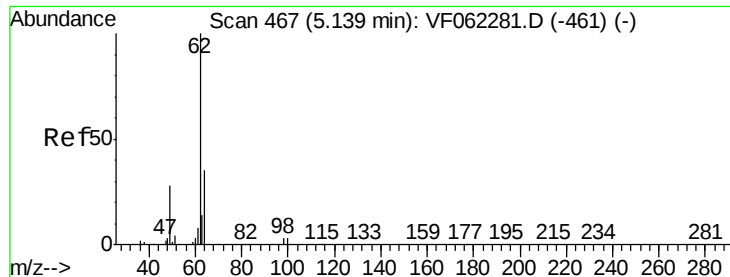
41 100

39 375.5 47.3 70.9#

67 41.0 41.3 61.9#

52 18.0 49.4 74.2#





#42

1,2-Dichloroethane

Concen: 5.944 ug/l

RT: 5.21 min Scan# 475

Delta R.T. 0.07 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

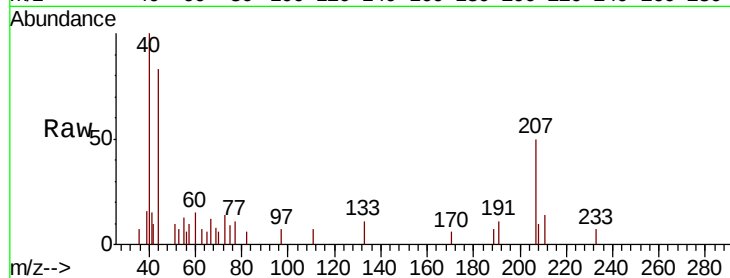
RBR200051RE

Tot Ion: 62 Resp: 69

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

5.21

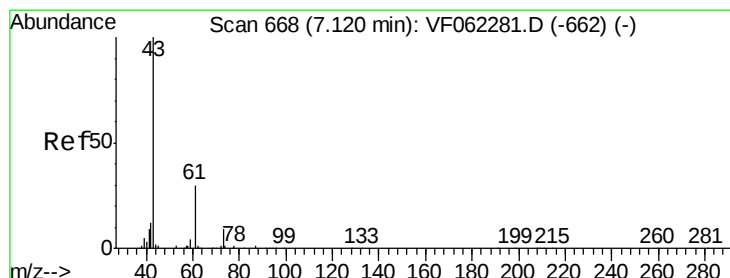
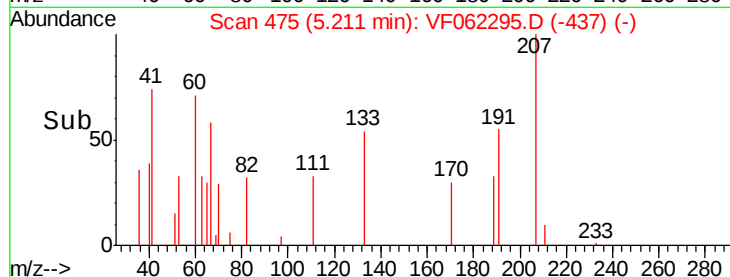
100

50

0

5.18 5.20 5.22 5.24

Time-->



#43

Isopropyl Acetate

Concen: 129.415 ug/l

RT: 7.11 min Scan# 668

Delta R.T. -0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

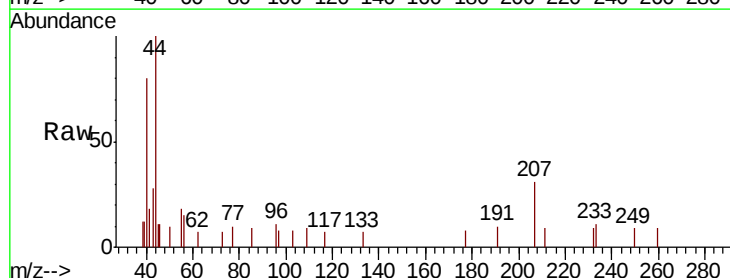
Tgt Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.6#

87 0.0 0.5 0.7#



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

500

400

300

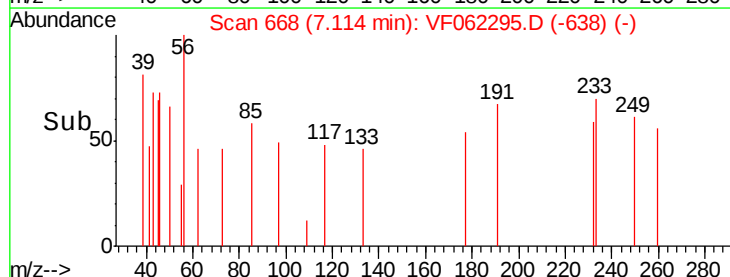
200

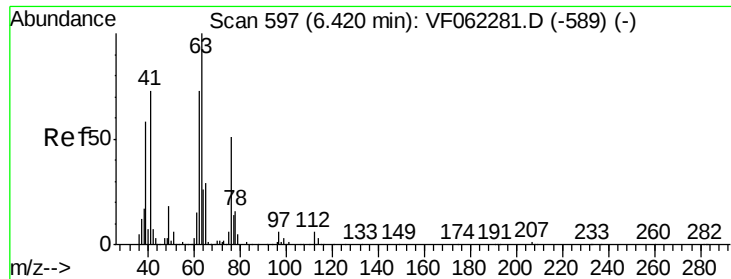
100

0

7.05 7.10 7.15

Time-->





#45

1,2-Dichloropropane

Concen: 26.143 ug/l

RT: 6.39 min Scan# 595

Delta R.T. -0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

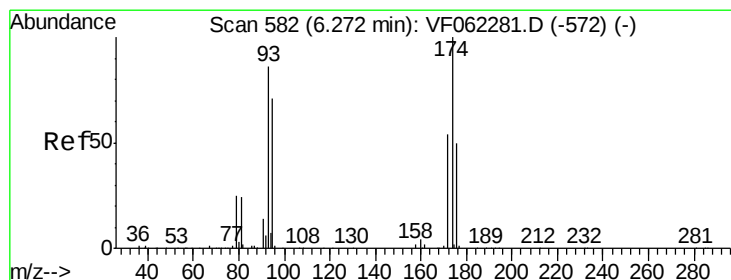
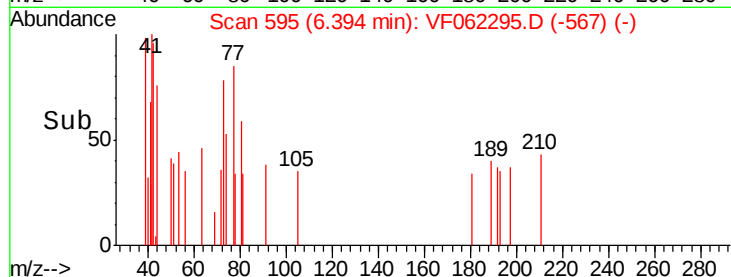
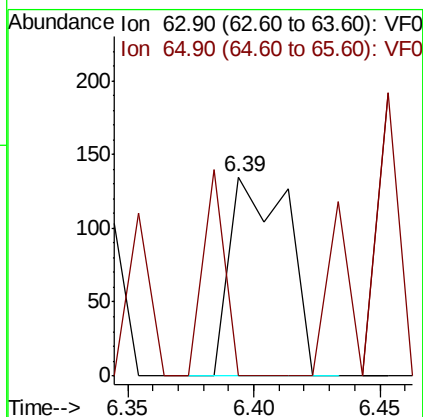
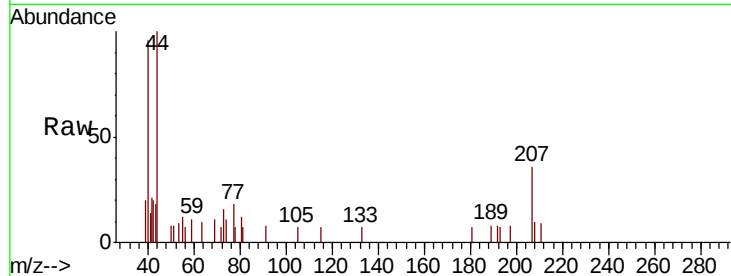
RBR200051RE

Tot Ion: 63 Resp: 216

Ion Ratio Lower Upper

63 100

65 0.0 23.5 35.3#



#46

Dibromomethane

Concen: 10.728 ug/l

RT: 6.30 min Scan# 585

Delta R.T. 0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

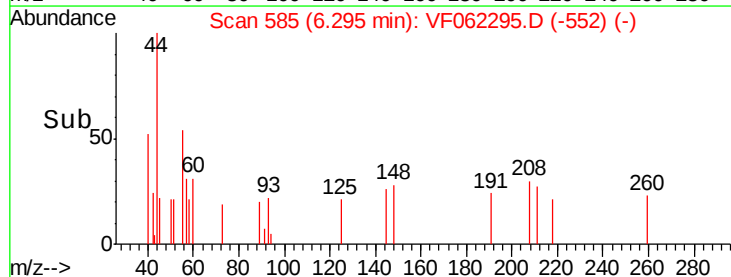
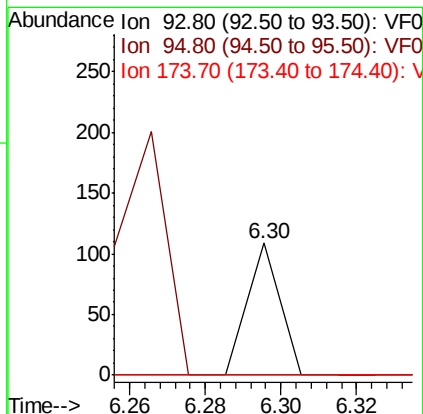
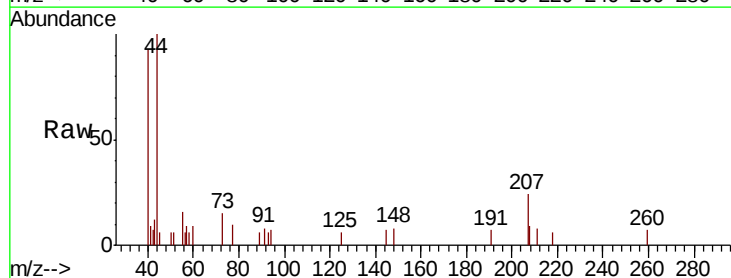
Tgt Ion: 93 Resp: 64

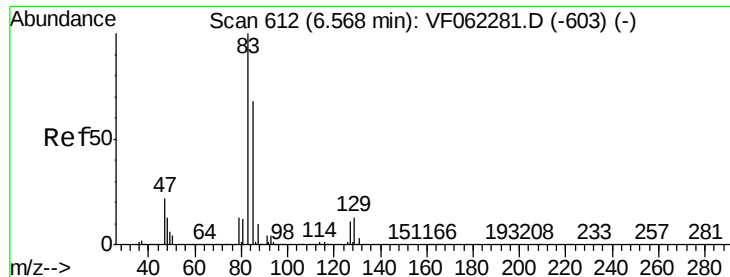
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

174 0.0 94.9 142.3#





#47

Bromodichloromethane

Concen: 7.700 ug/l

RT: 6.55 min Scan# 611

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

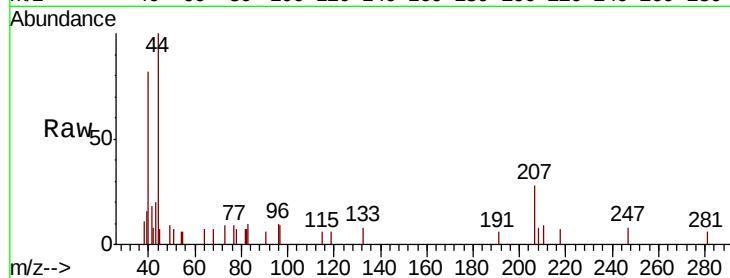
Tot Ion: 83 Resp: 108

Ion Ratio Lower Upper

83 100

85 0.0 54.6 81.8#

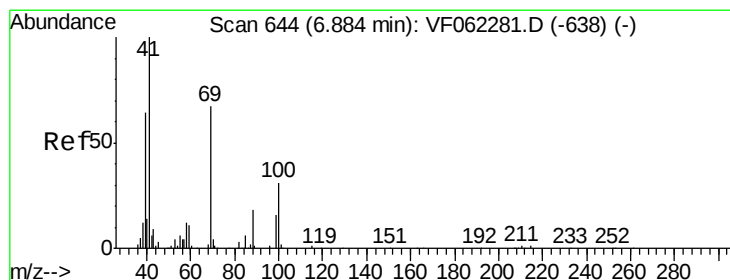
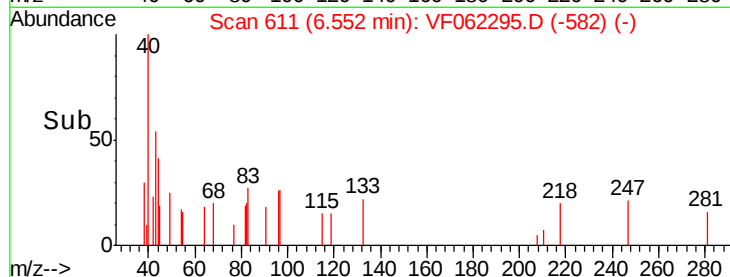
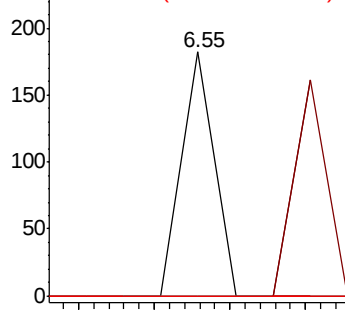
127 0.0 8.7 13.1#



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: 31.017 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.00 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

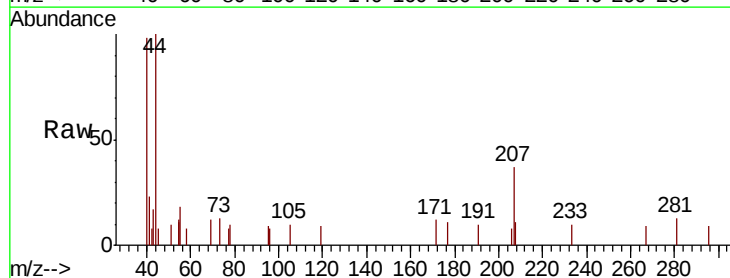
Tgt Ion: 41 Resp: 145

Ion Ratio Lower Upper

41 100

69 0.0 53.4 80.2#

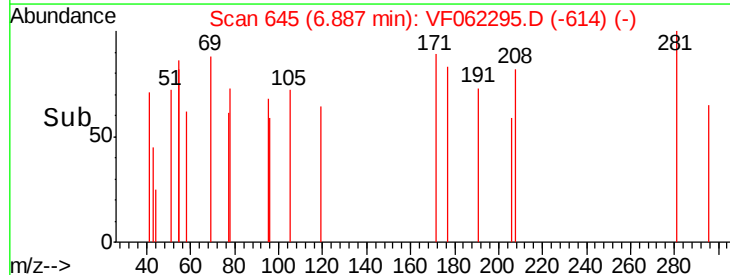
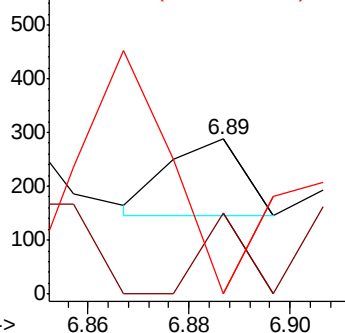
39 382.1 50.9 76.3#

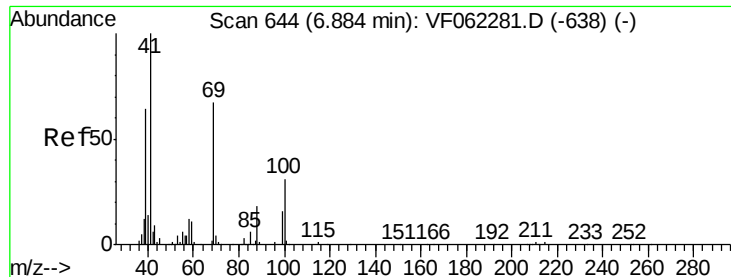


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

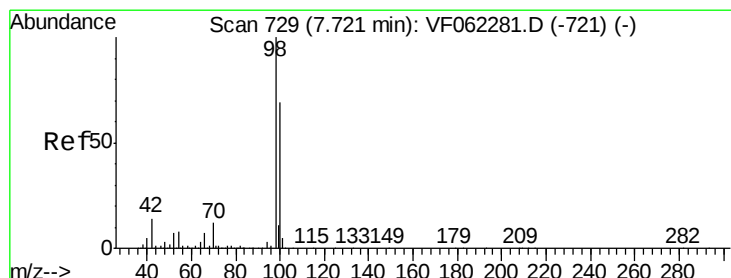
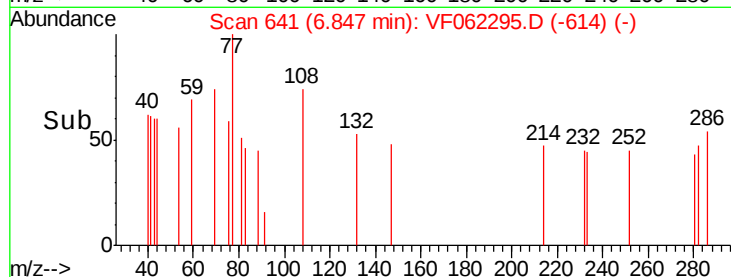
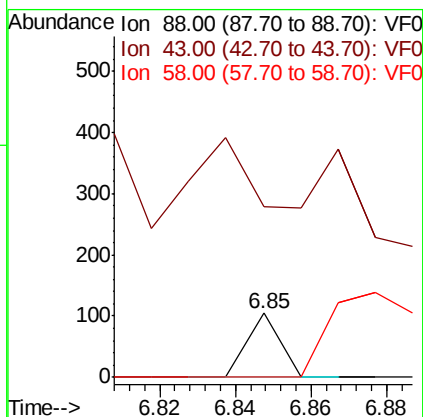
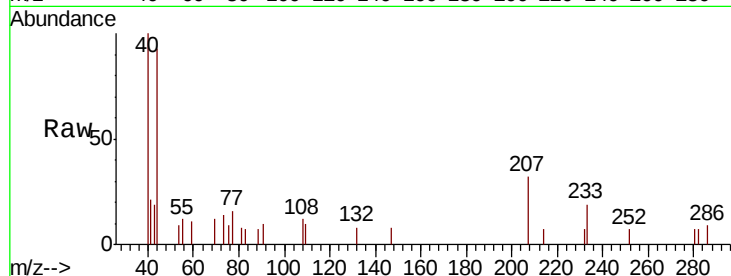




#49
1,4-Dioxane
Concen: 1151.753 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.04 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

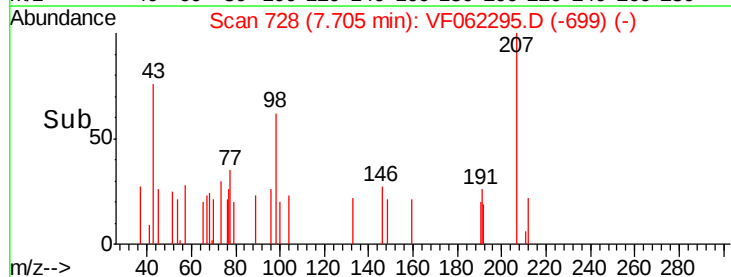
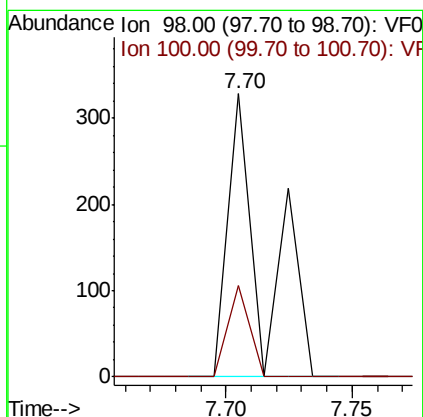
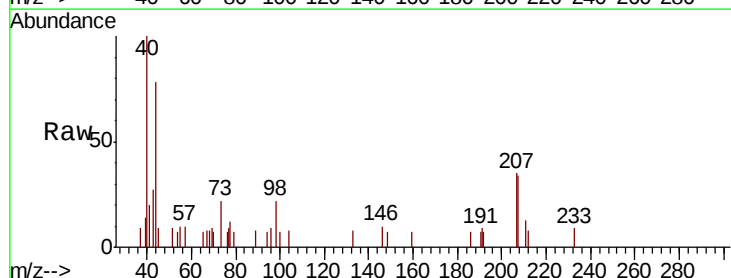
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

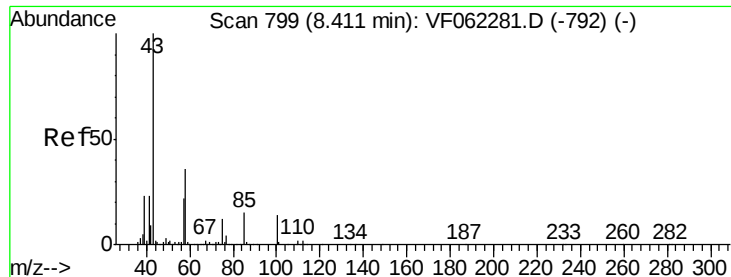
Tot Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 34.2 51.4#
58 0.0 50.7 76.1#



#50
Toluene-d8
Concen: 10.882 ug/l
RT: 7.70 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion: 98 Resp: 324
Ion Ratio Lower Upper
98 100
100 19.4 54.4 81.6#





#51

4-Methyl-2-Pentanone

Concen: 44.156 ug/l

RT: 8.59 min Scan# 818

Delta R.T. 0.18 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

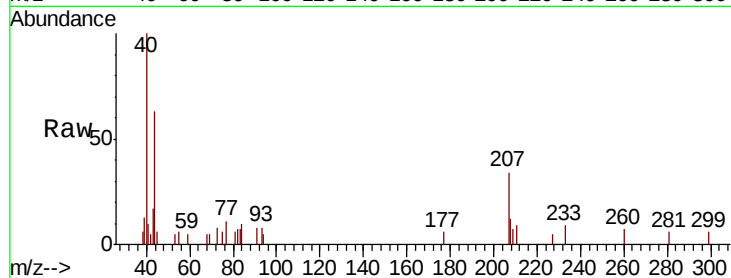
RBR200051RE

Tot Ion: 43 Resp: 222

Ion Ratio Lower Upper

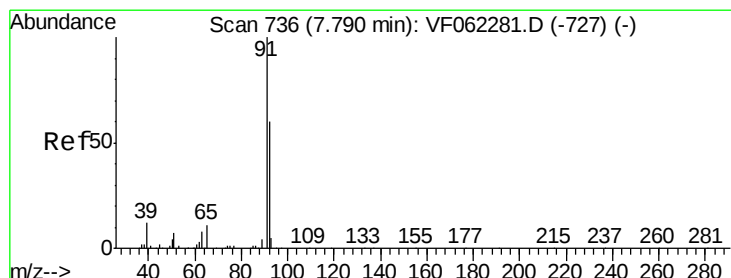
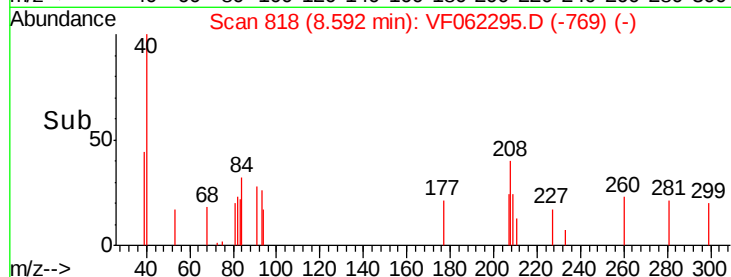
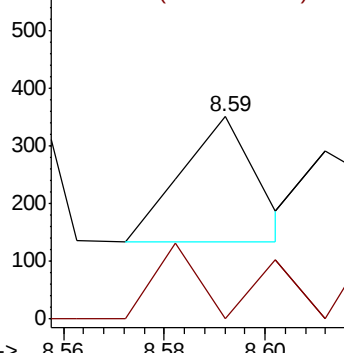
43 100

58 35.1 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 2.790 ug/l

RT: 7.61 min Scan# 718

Delta R.T. -0.18 min

Lab File: VF062295.D

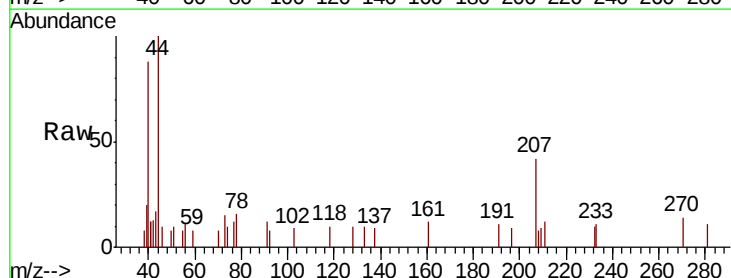
Acq: 25 Apr 2019 16:41

Tgt Ion: 92 Resp: 59

Ion Ratio Lower Upper

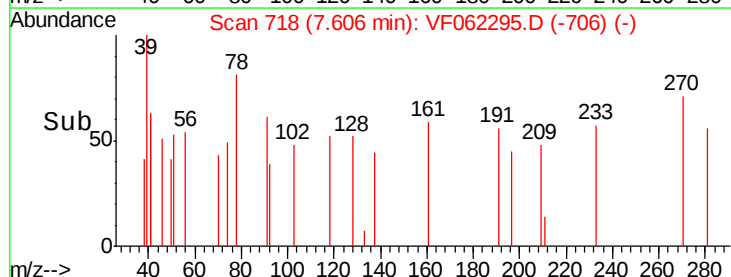
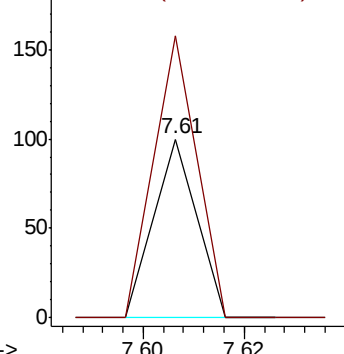
92 100

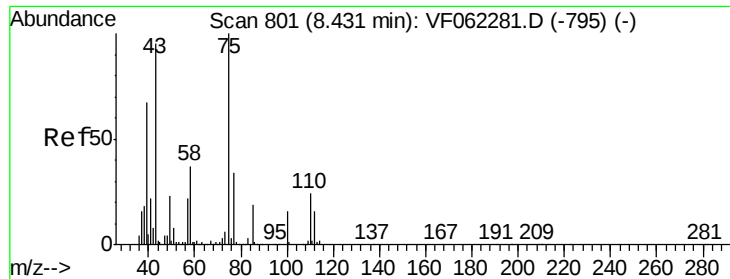
91 157.6 132.5 198.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 6.109 ug/l

RT: 8.44 min Scan# 803

Delta R.T. 0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

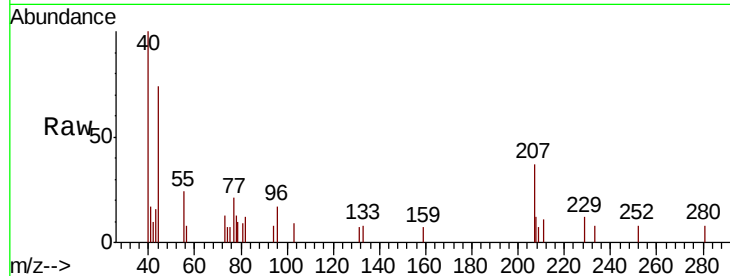
RBR200051RE

Tot Ion: 75 Resp: 63

Ion Ratio Lower Upper

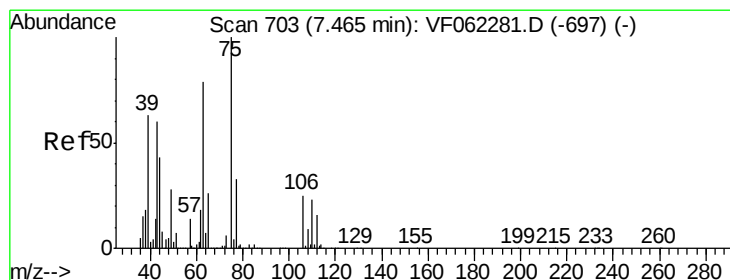
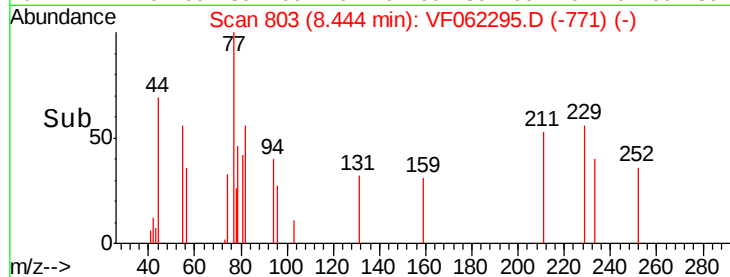
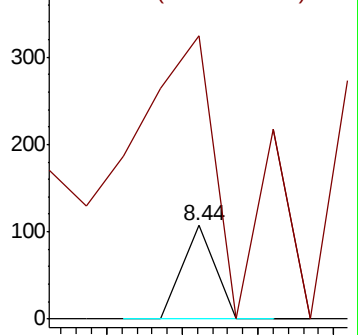
75 100

77 129.0 26.9 40.3#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0



#54

cis-1,3-Dichloropropene

Concen: 5.525 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

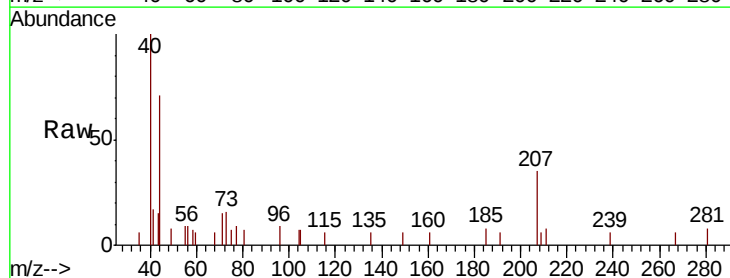
Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#

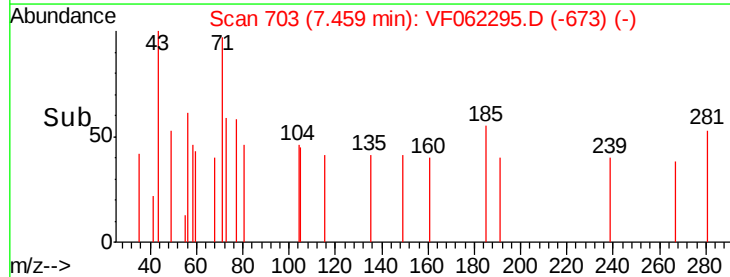
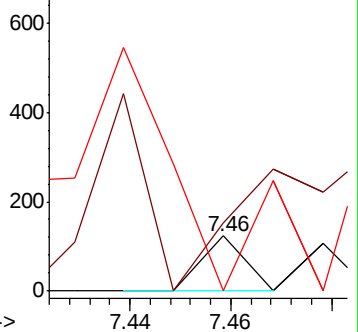
39 0.0 50.2 75.2#

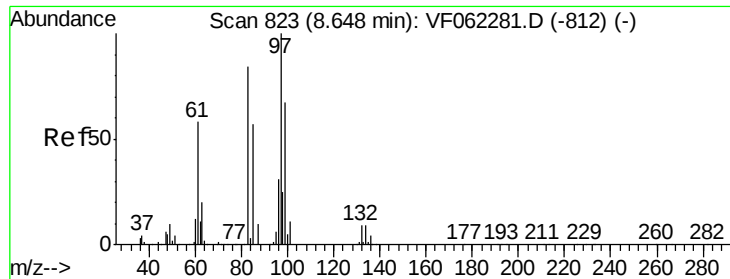


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 11.989 ug/l

RT: 8.67 min Scan# 826

Delta R.T. 0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

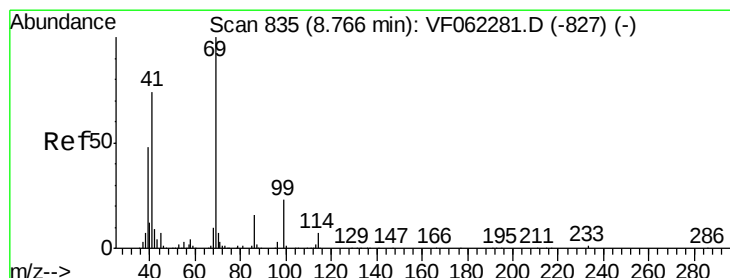
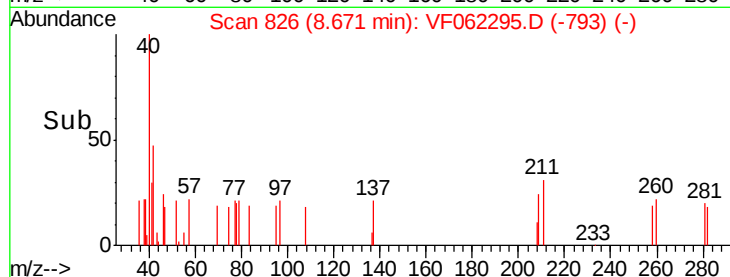
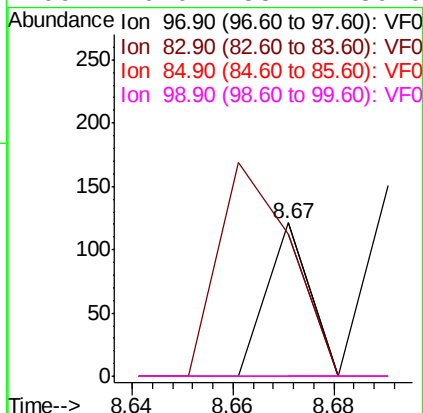
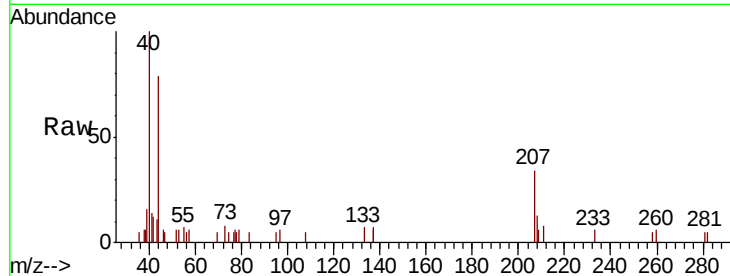
Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

Tot Ion:	97	Resp:	72
Ion	Ratio	Lower	Upper
97	100		
83	92.6	67.5	101.3
85	0.0	45.3	67.9#
99	0.0	53.4	80.0#



#56

Ethyl methacrylate

Concen: 27.282 ug/l

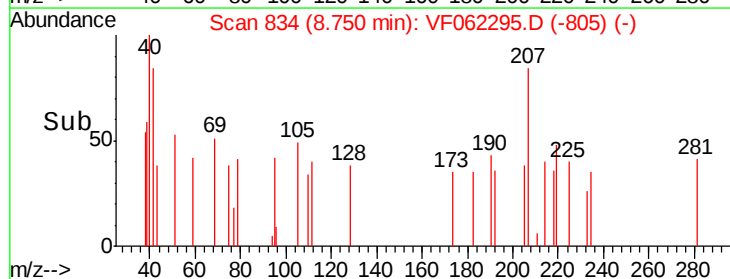
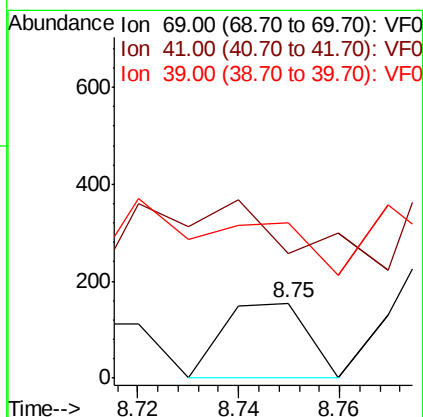
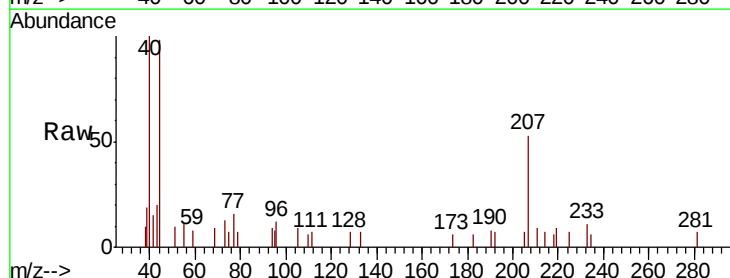
RT: 8.75 min Scan# 834

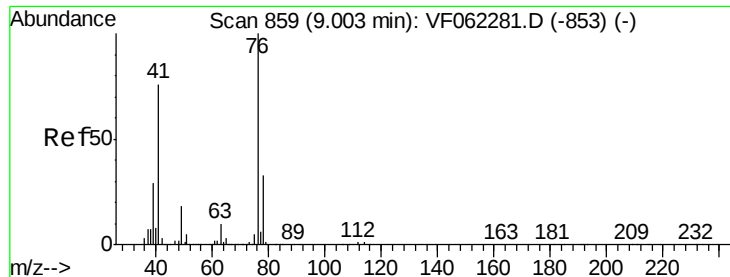
Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Tgt Ion:	69	Resp:	180
Ion	Ratio	Lower	Upper
69	100		
41	290.6	61.5	92.3#
39	0.0	37.9	56.9#





#57

1,3-Dichloropropane

Concen: 17.474 ug/l

RT: 9.03 min Scan# 862

Delta R.T. 0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

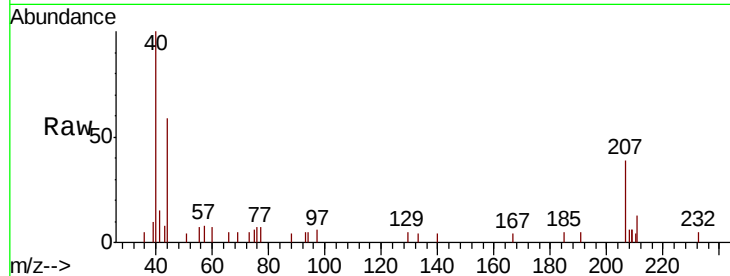
RBR200051RE

Tot Ion: 76 Resp: 165

Ion Ratio Lower Upper

76 100

78 58.2 27.0 40.6#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0

9.03

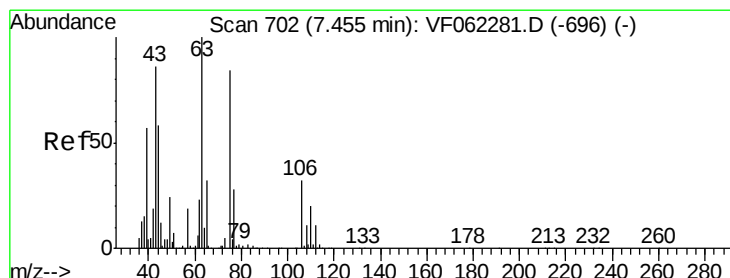
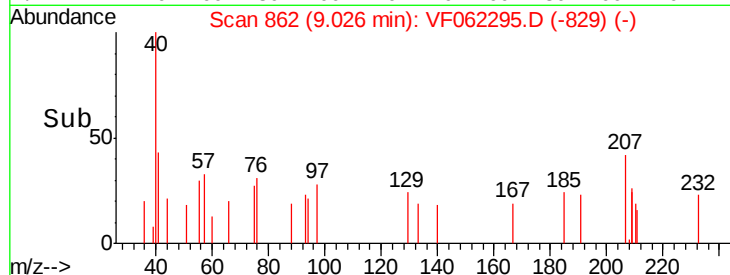
150

100

50

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 29.886 ug/l

RT: 7.39 min Scan# 696

Delta R.T. -0.07 min

Lab File: VF062295.D

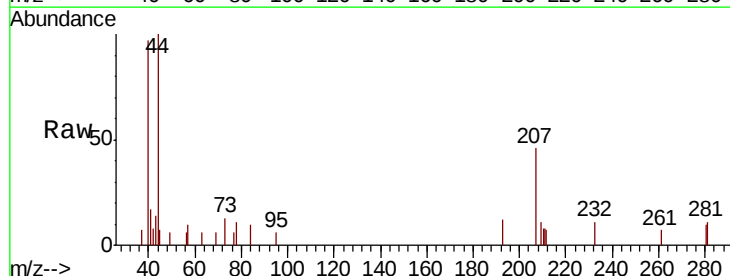
Acq: 25 Apr 2019 16:41

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

106 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

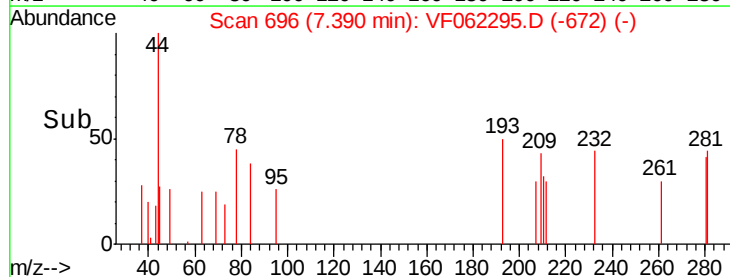
7.39

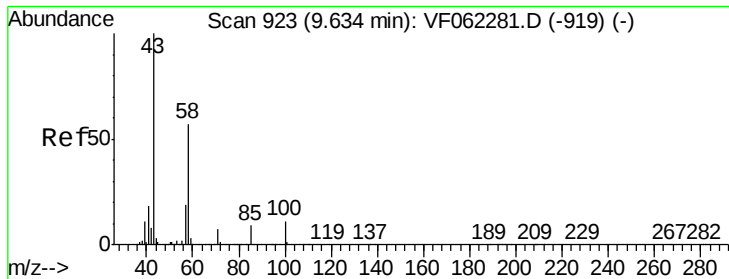
100

50

0

Time-->

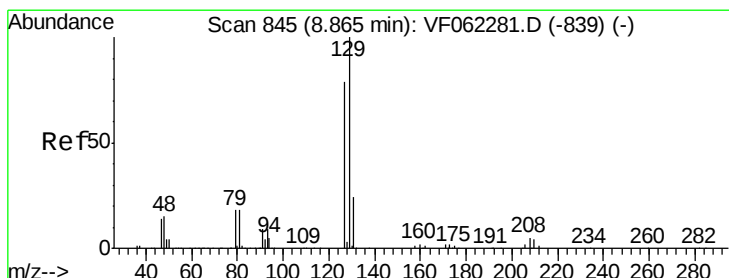
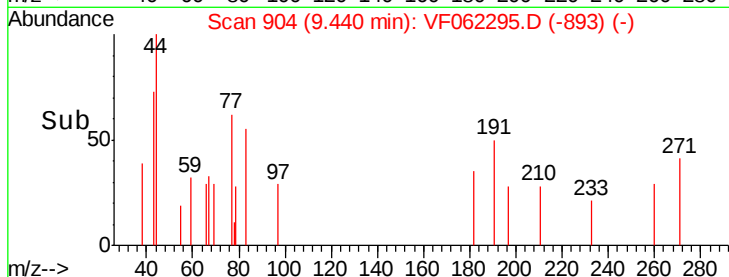
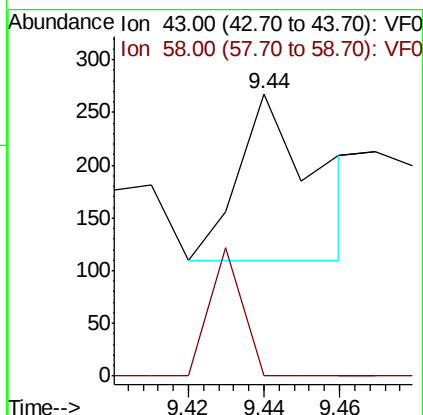
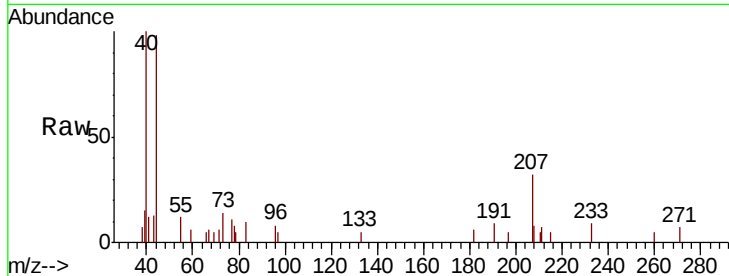




#59
2-Hexanone
Concen: 62.337 ug/l
RT: 9.44 min Scan# 904
Delta R.T. -0.19 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

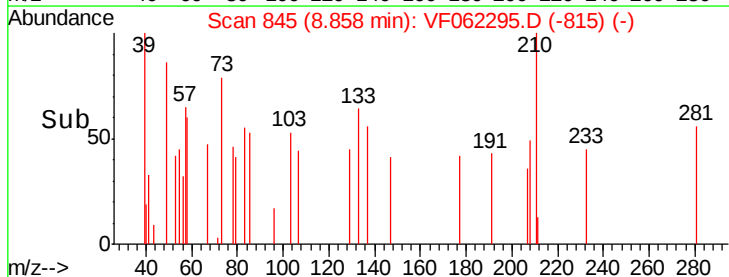
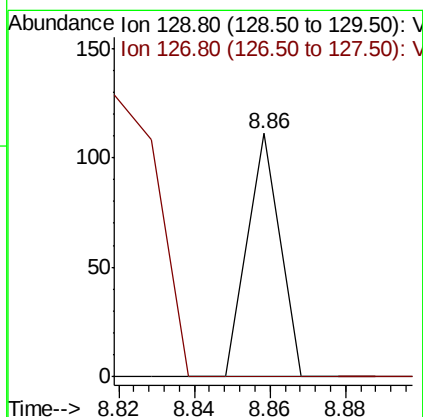
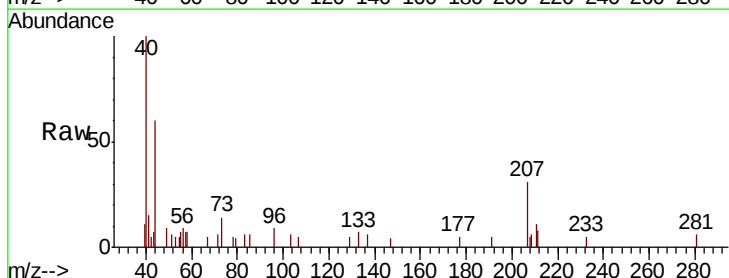
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

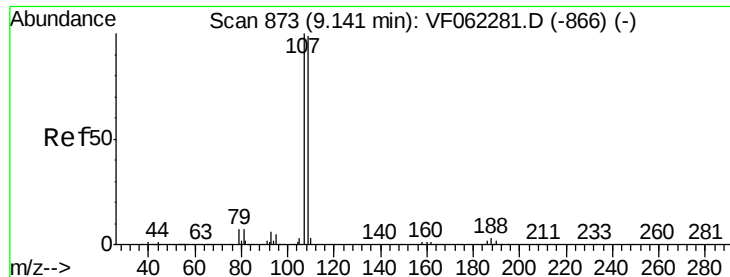
Tot Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 32.1 24.9 74.7



#60
Dibromochloromethane
Concen: 6.771 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion: 129 Resp: 66
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#61

1,2-Dibromoethane

Concen: 11.797 ug/l

RT: 9.15 min Scan# 875

Delta R.T. 0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

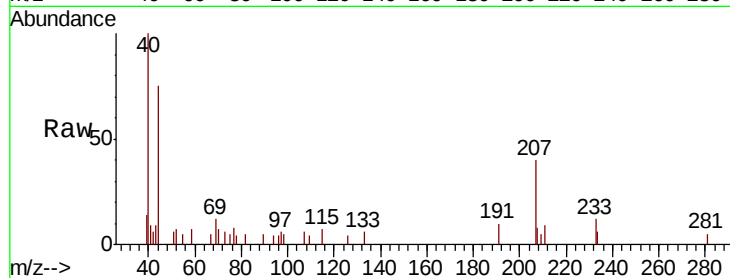
RBR200051RE

Tot Ion:107 Resp: 82

Ion Ratio Lower Upper

107 100

109 157.3 78.7 118.1#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.15

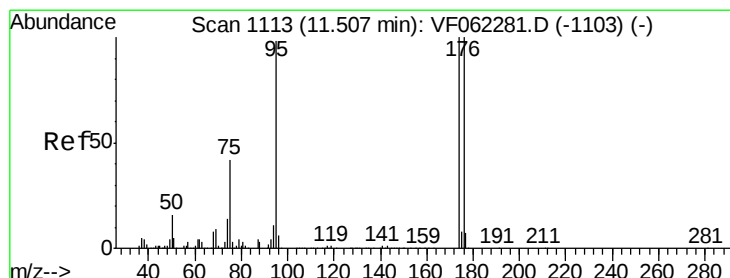
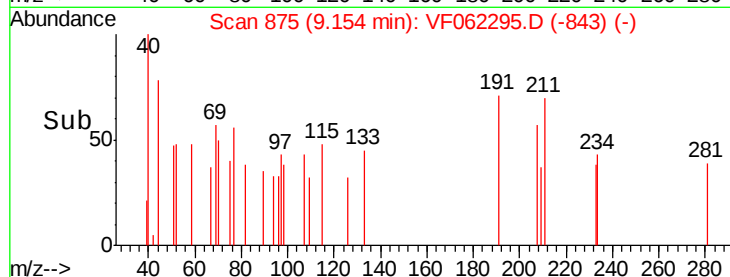
100

50

0

9.12 9.14 9.16 9.18

Time-->



#62

4-Bromofluorobenzene

Concen: 5.215 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.06 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

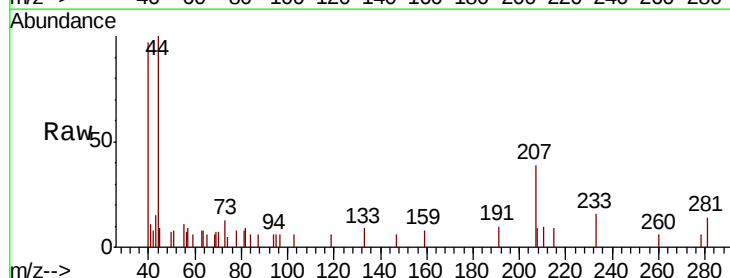
Tgt Ion: 95 Resp: 64

Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.2

176 0.0 0.0 184.8



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

11.45

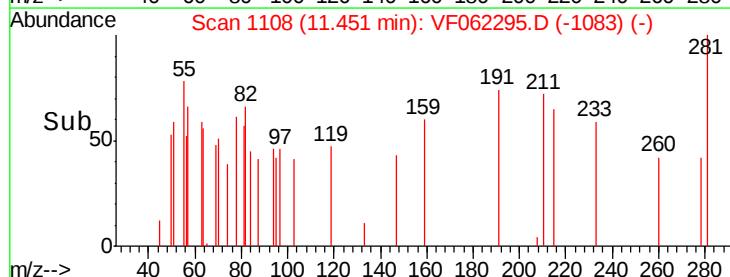
100

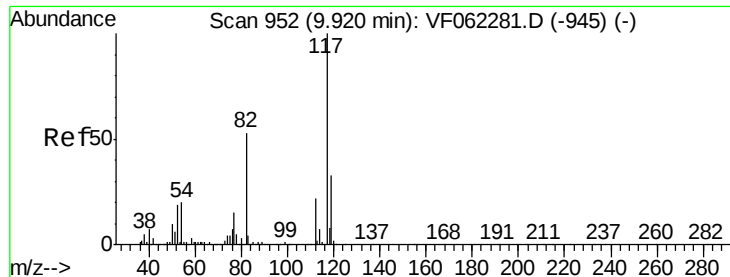
50

0

11.44 11.46 11.48

Time-->

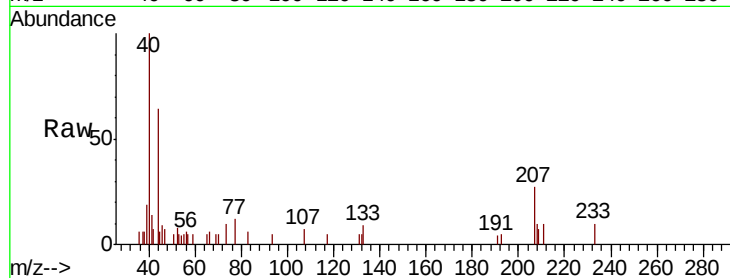




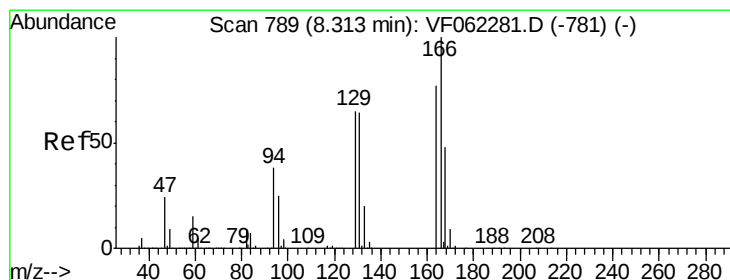
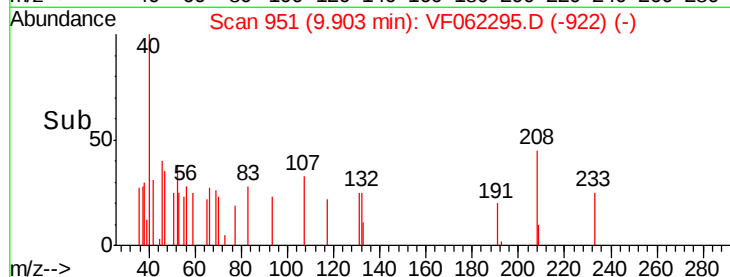
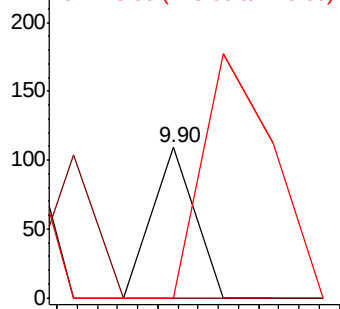
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

Tot Ion:117 Resp: 64
Ion Ratio Lower Upper
117 100
82 0.0 42.6 64.0#
119 0.0 26.1 39.1#

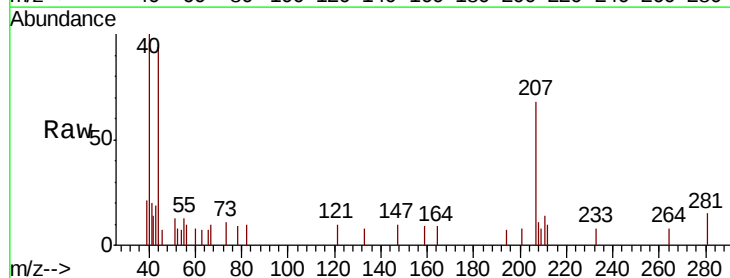


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

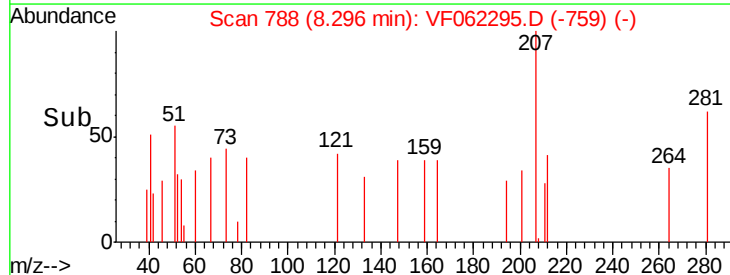
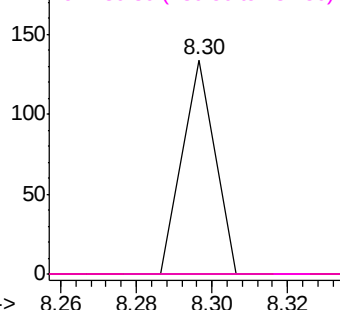


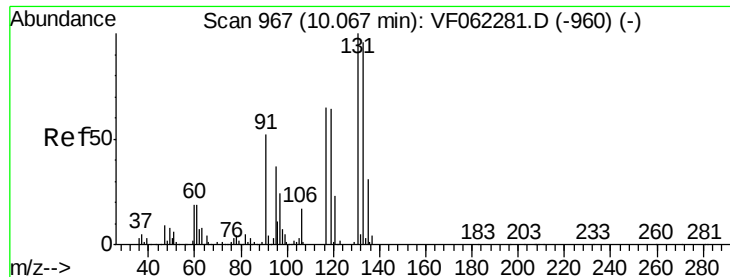
#64
Tetrachloroethene
Concen: 147.577 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion:164 Resp: 79
Ion Ratio Lower Upper
164 100
166 0.0 103.5 155.3#
129 0.0 67.6 101.4#
131 0.0 66.1 99.1#



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





#66

1,1,1,2-Tetrachloroethane

Concen: 110.733 ug/l

RT: 10.02 min Scan# 963

Delta R.T. -0.05 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

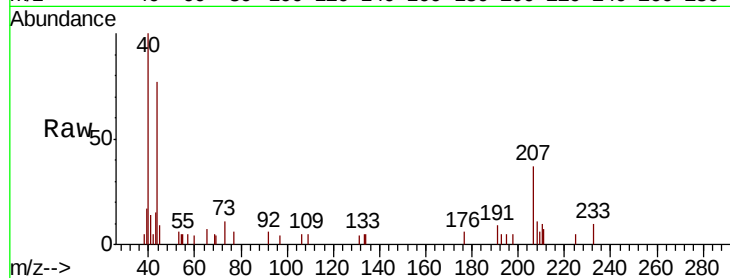
Tot Ion:131 Resp: 61

Ion Ratio Lower Upper

131 100

133 227.9 48.5 145.5#

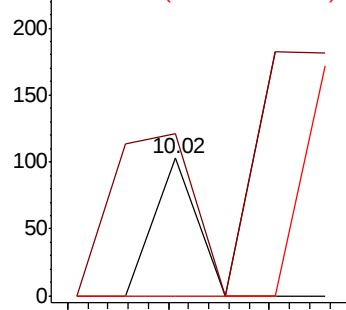
119 0.0 32.9 98.7#



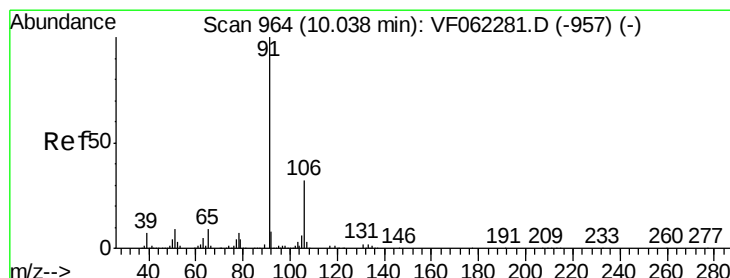
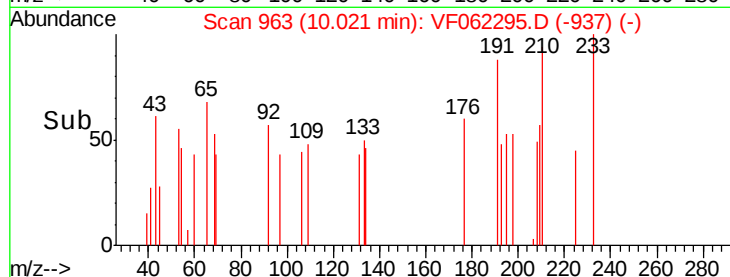
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->



#67

Ethyl Benzene

Concen: 53.118 ug/l

RT: 10.05 min Scan# 966

Delta R.T. 0.01 min

Lab File: VF062295.D

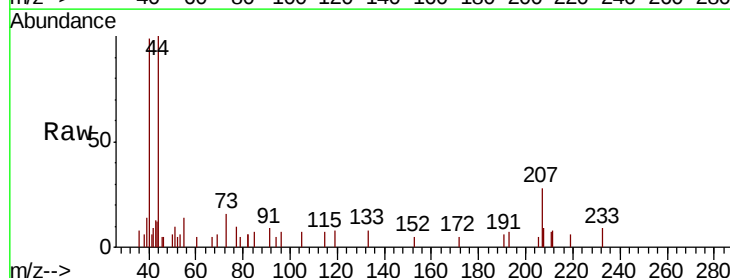
Acq: 25 Apr 2019 16:41

Tgt Ion: 91 Resp: 108

Ion Ratio Lower Upper

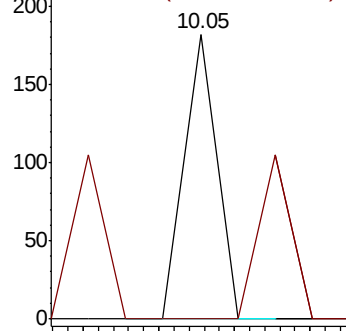
91 100

106 0.0 25.6 38.4#

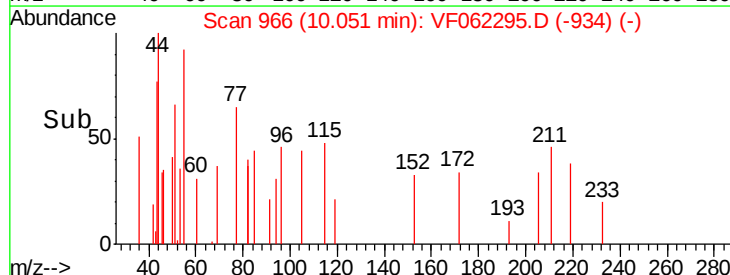


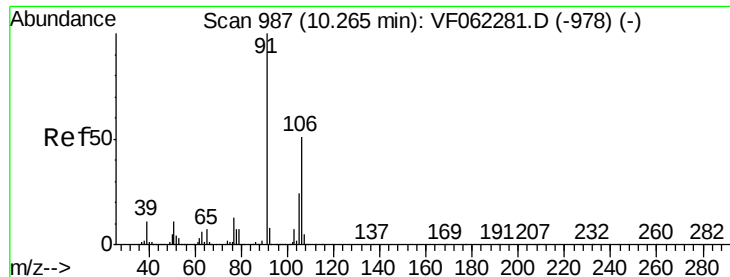
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



Time-->

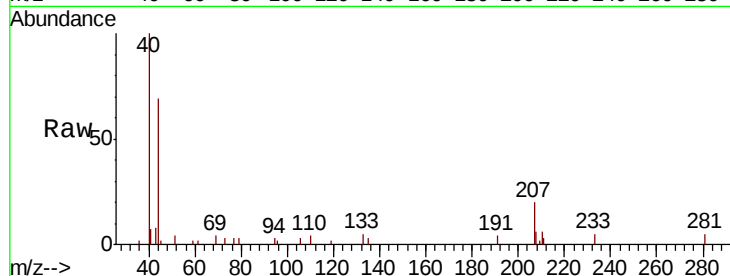




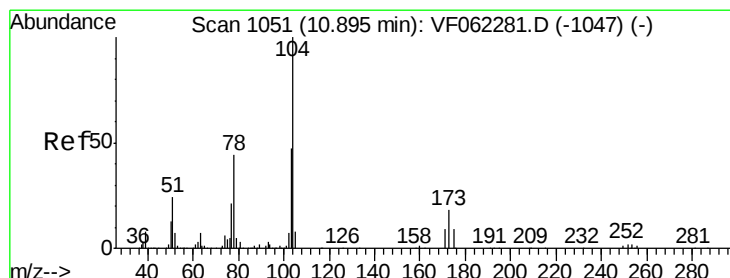
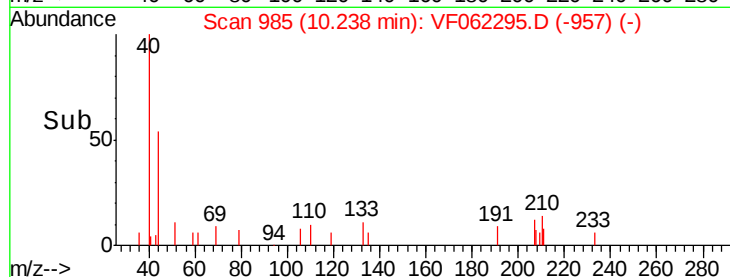
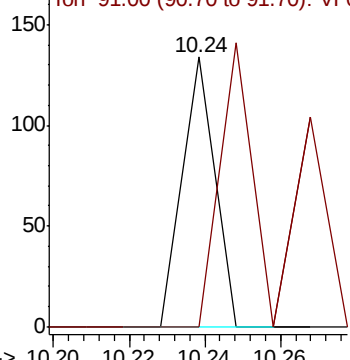
#68
m/p-Xvlenes
Concen: 104.361 ug/l
RT: 10.24 min Scan# 985
Delta R.T. -0.03 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

Tot Ion:106 Resp: 79
Ion Ratio Lower Upper
106 100
91 183.5 158.3 237.5

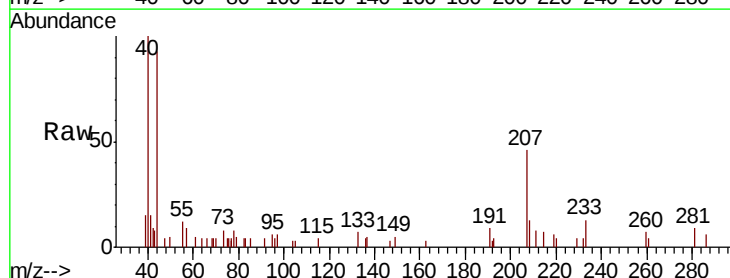


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

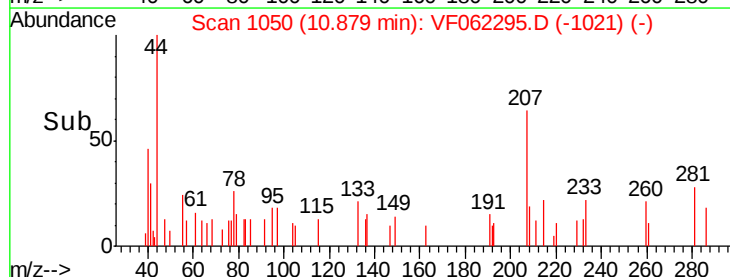
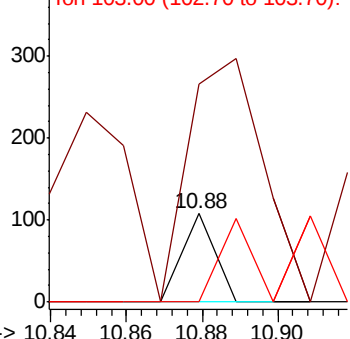


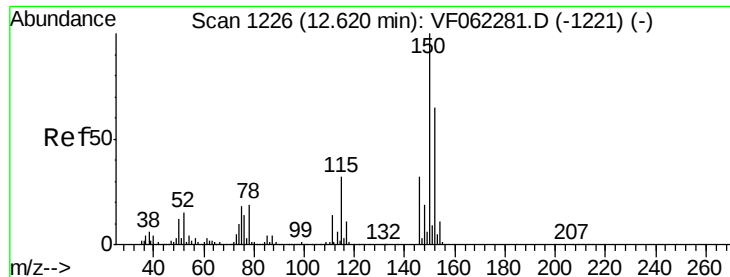
#70
Styrene
Concen: 52.349 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion:104 Resp: 64
Ion Ratio Lower Upper
104 100
78 637.5 35.9 53.9#
103 93.8 37.5 56.3#



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: 12.48 min Scan# 1212

Delta R.T. -0.14 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

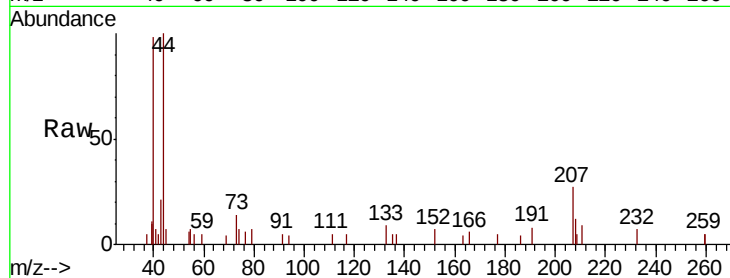
Tot Ion:152 Resp: 98

Ion Ratio Lower Upper

152 100

115 87.8 25.6 76.8#

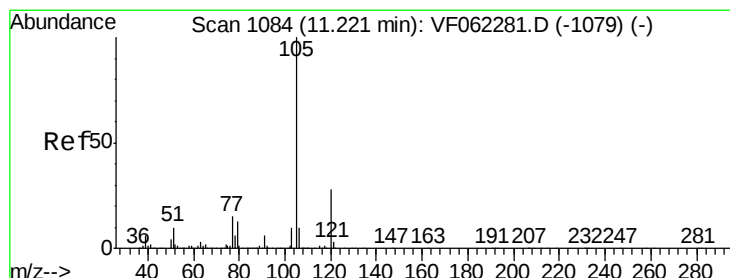
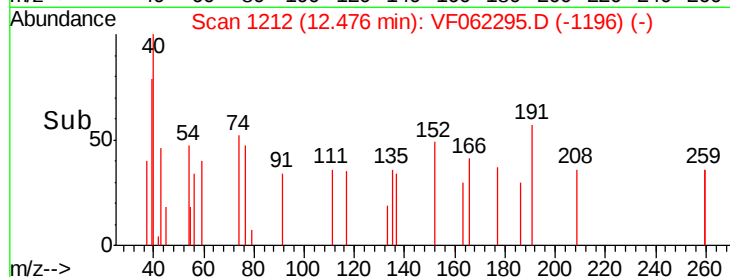
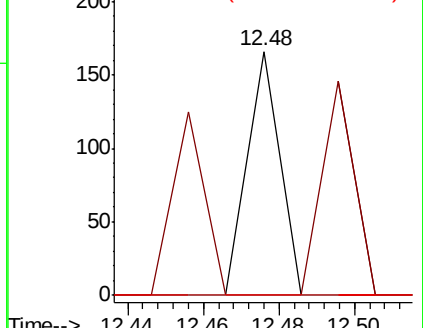
150 0.0 0.0 330.6



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: 27.553 ug/l

RT: 11.18 min Scan# 1081

Delta R.T. -0.04 min

Lab File: VF062295.D

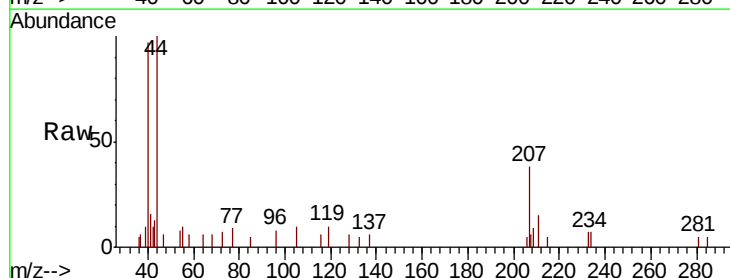
Acq: 25 Apr 2019 16:41

Tgt Ion:105 Resp: 185

Ion Ratio Lower Upper

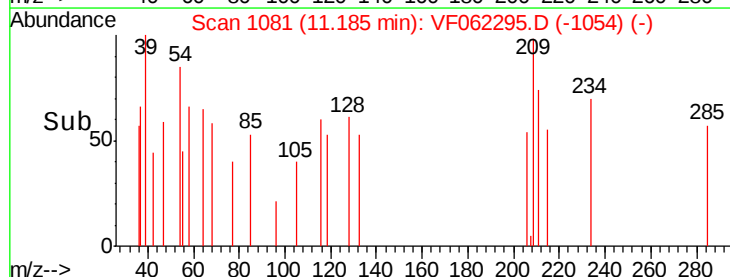
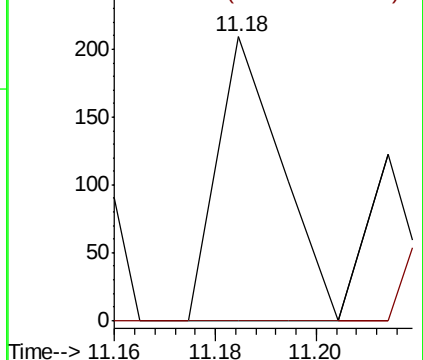
105 100

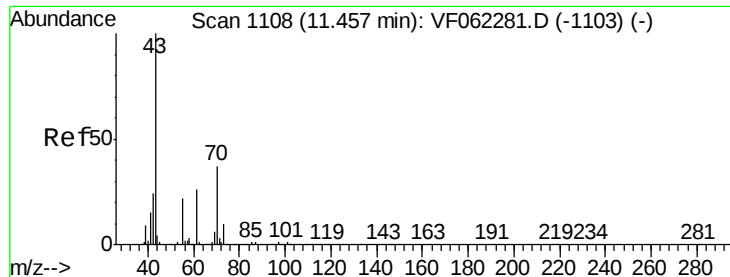
120 0.0 12.4 37.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 641.210 ug/l

RT: 11.42 min Scan# 1105

Delta R.T. -0.04 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

RBR200051RE

Tot Ion: 43 Resp: 992

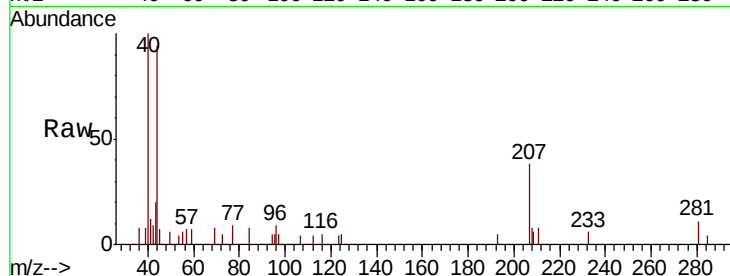
Ion Ratio Lower Upper

43 100

70 26.9 27.8 41.8#

55 26.6 16.6 24.8#

61 0.0 20.0 30.0#

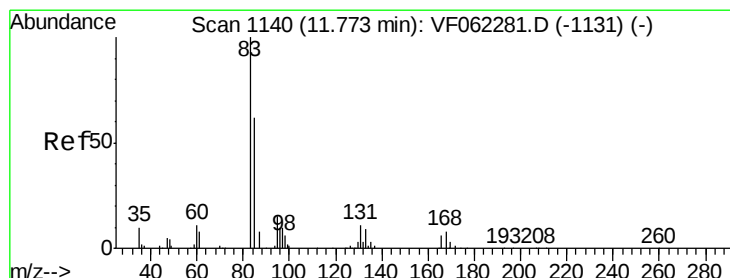
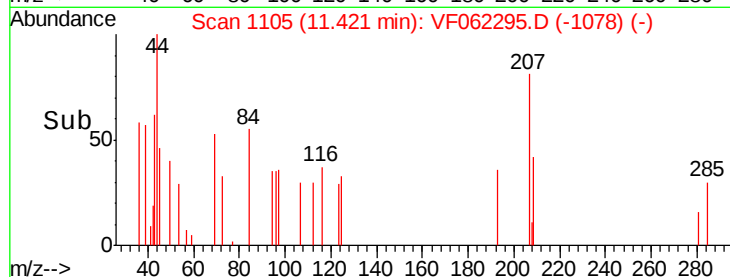
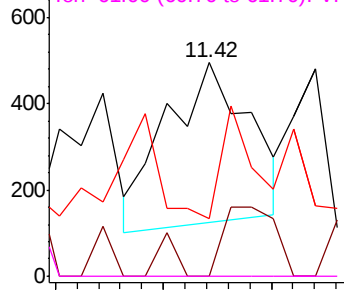


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 147.175 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

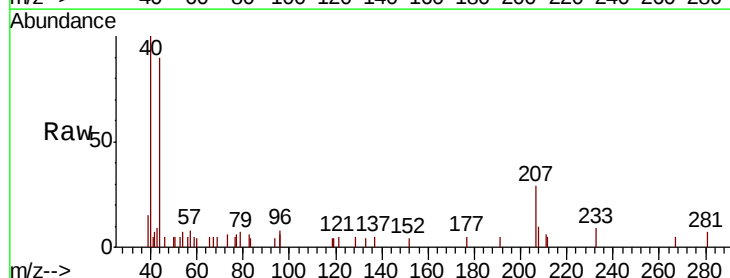
Tgt Ion: 83 Resp: 157

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

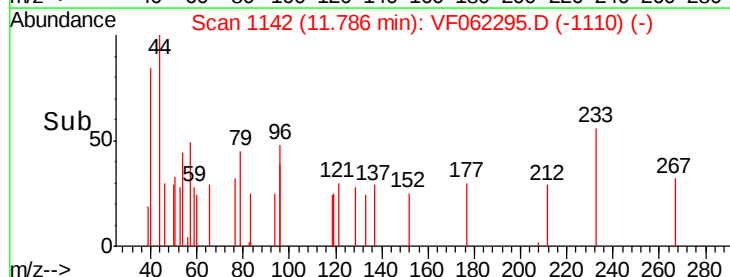
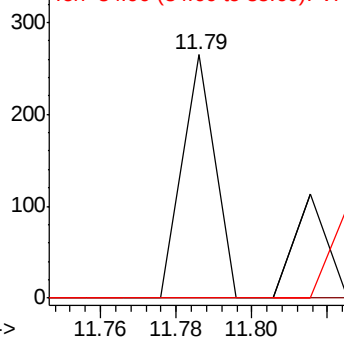
85 0.0 34.5 103.6#

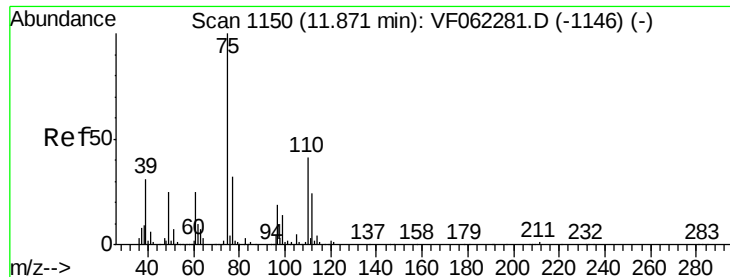


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0

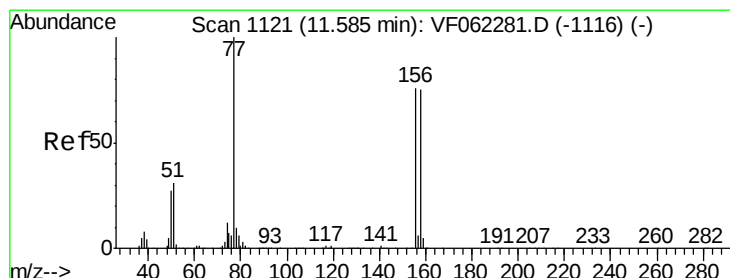
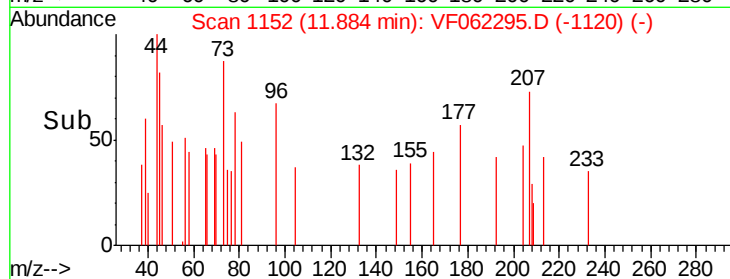
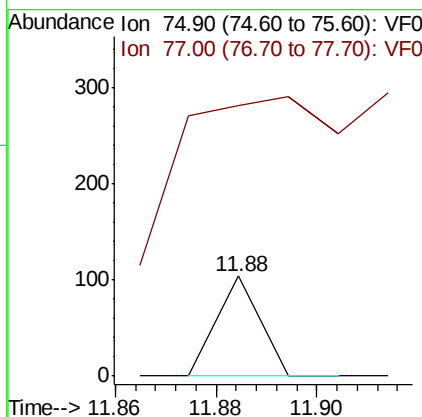
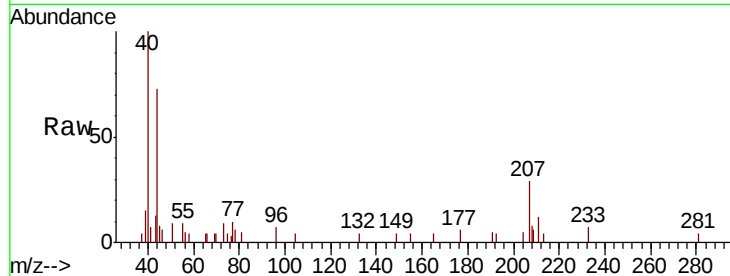




#76
 1,2,3-Trichloropropane
 Concen: 81.918 ug/l
 RT: 11.88 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

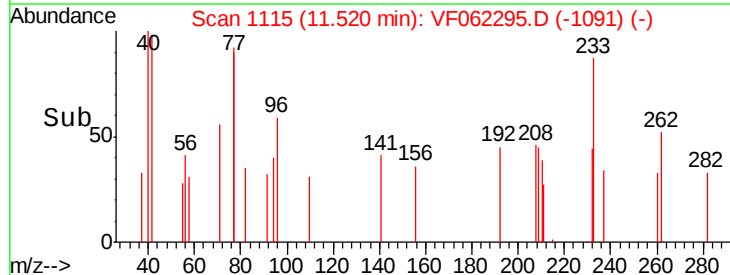
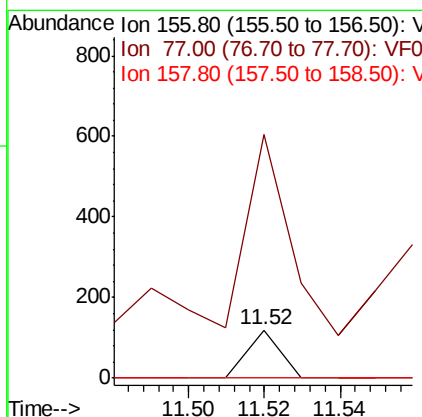
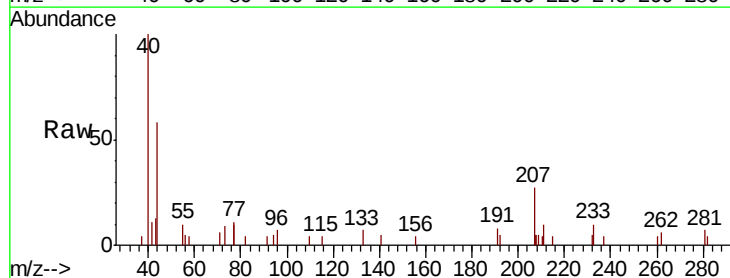
Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200051RE

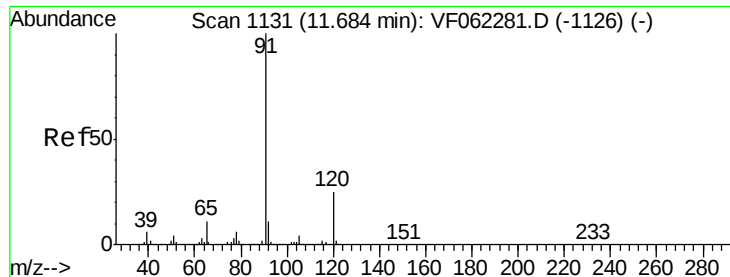
Tot Ion: 75 Resp: 62
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 41.703 ug/l
 RT: 11.52 min Scan# 1115
 Delta R.T. -0.07 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Tgt Ion: 156 Resp: 70
 Ion Ratio Lower Upper
 156 100
 77 545.7 67.3 201.9#
 158 0.0 49.5 148.5#

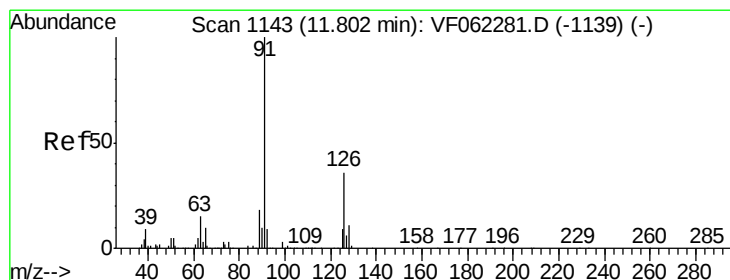
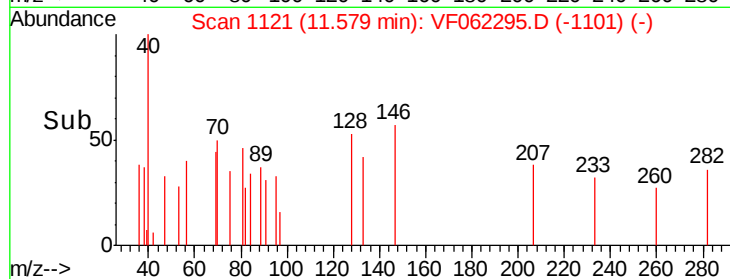
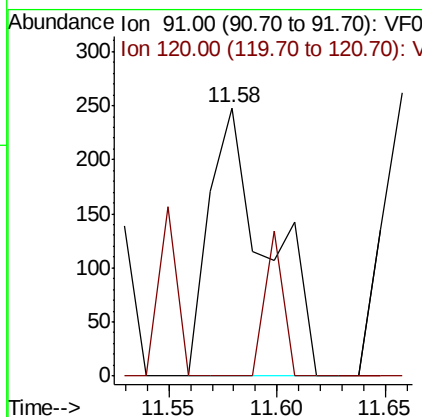
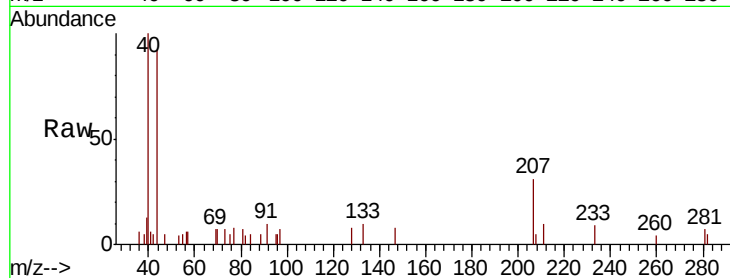




#78
n-propylbenzene
Concen: 65.534 ug/l
RT: 11.58 min Scan# 1121
Delta R.T. -0.11 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

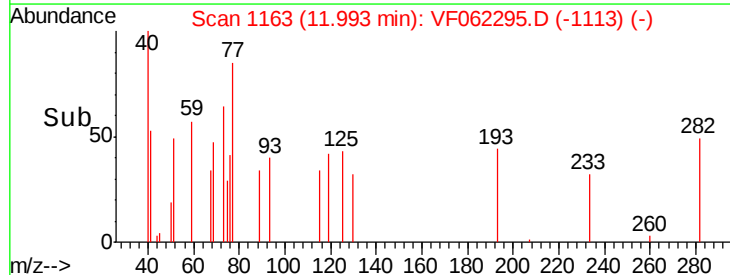
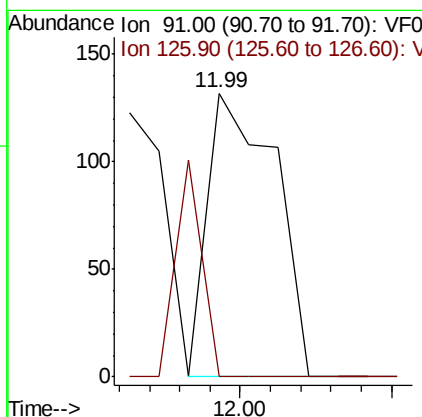
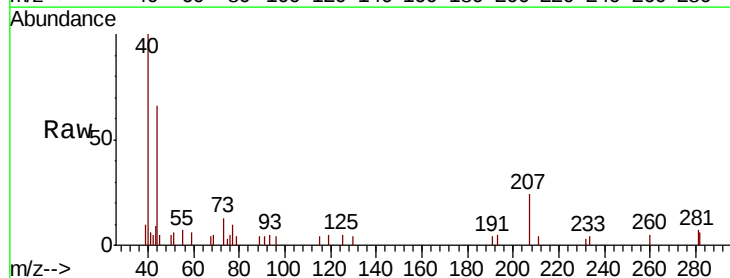
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

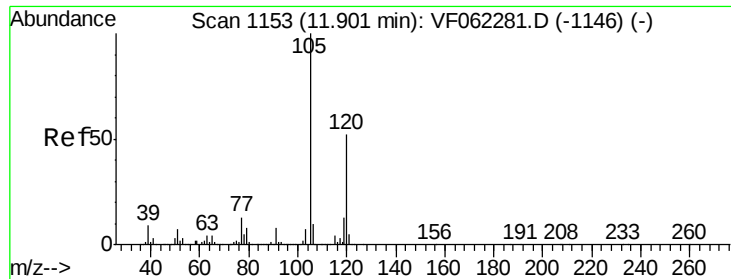
Tot Ion: 91 Resp: 463
Ion Ratio Lower Upper
91 100
120 17.1 11.8 35.4



#79
2-Chlorotoluene
Concen: 48.172 ug/l
RT: 11.99 min Scan# 1163
Delta R.T. 0.19 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion: 91 Resp: 205
Ion Ratio Lower Upper
91 100
126 29.3 17.9 53.8





#80

1,3,5-Trimethylbenzene

Concen: 26.463 ug/l

RT: 11.93 min Scan# 1157

Delta R.T. 0.03 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

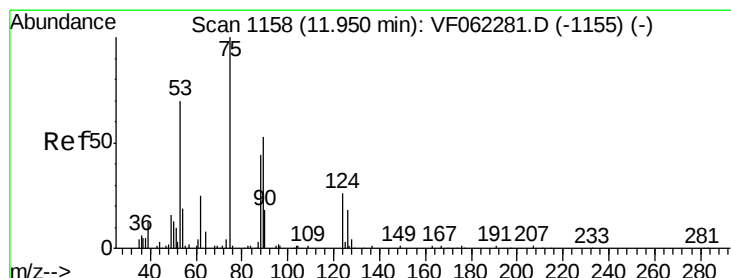
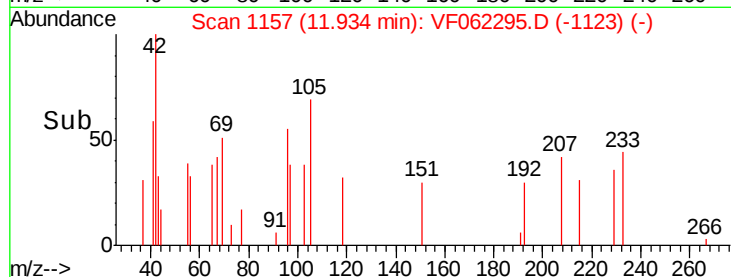
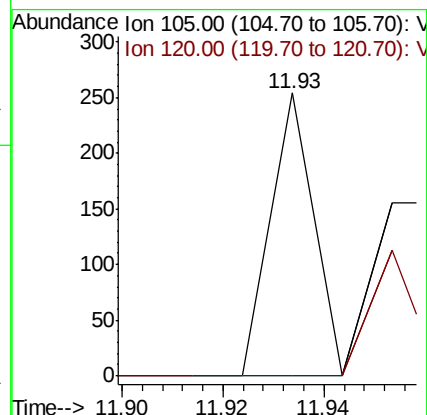
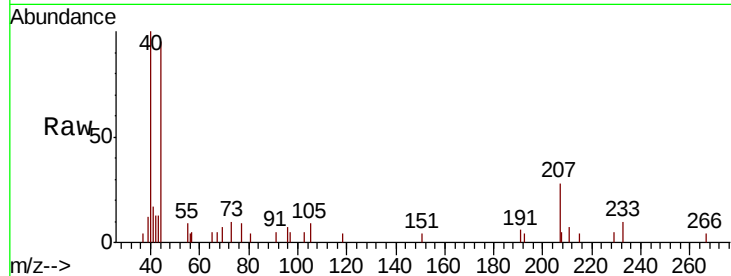
RBR200051RE

Tot Ion:105 Resp: 150

Ion Ratio Lower Upper

105 100

120 44.7 25.8 77.4



#81

trans-1,4-Dichloro-2-butene

Concen: 419.732 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

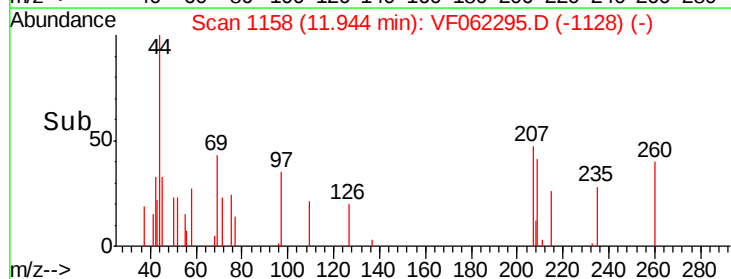
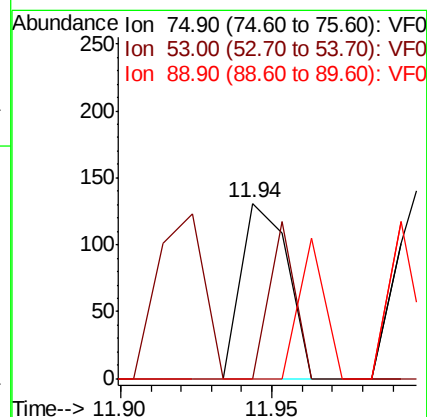
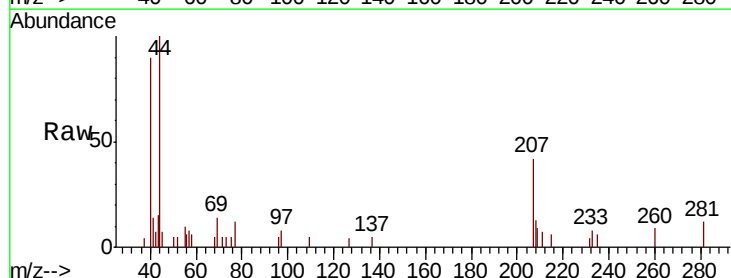
Tgt Ion: 75 Resp: 142

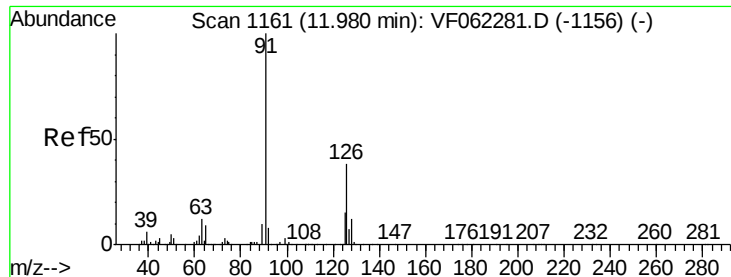
Ion Ratio Lower Upper

75 100

53 48.6 67.1 100.7#

89 43.7 0.0 0.0#

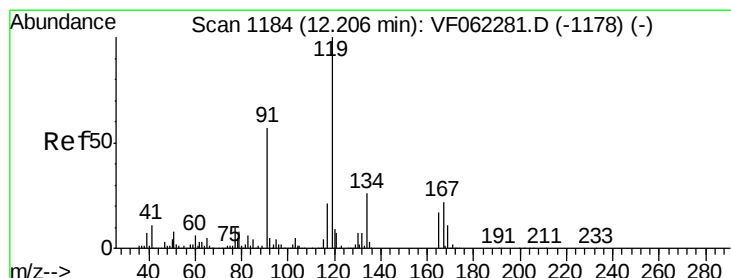
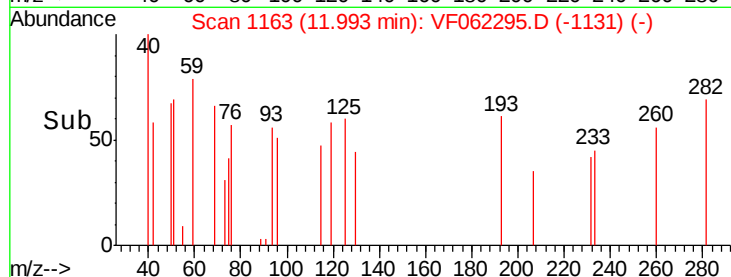
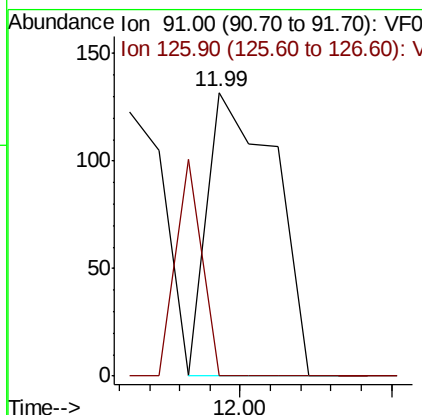
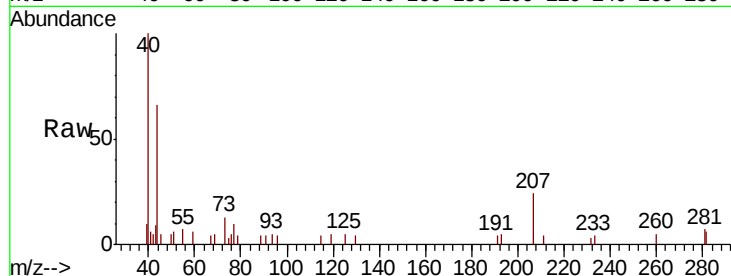




#82
4-Chlorotoluene
Concen: 48.683 ug/l
RT: 11.99 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

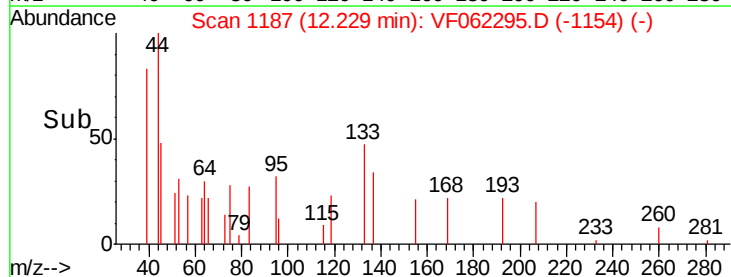
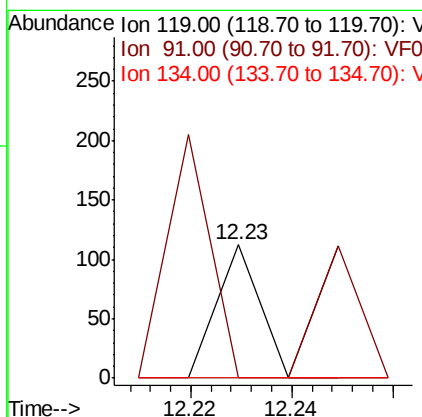
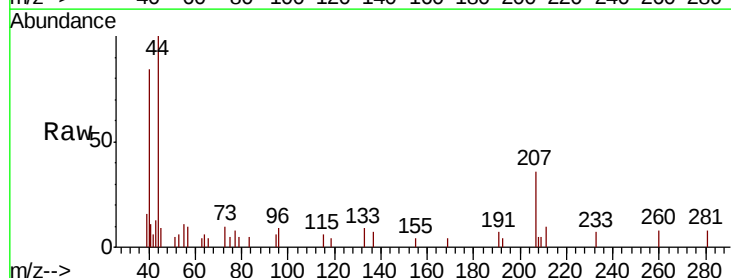
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

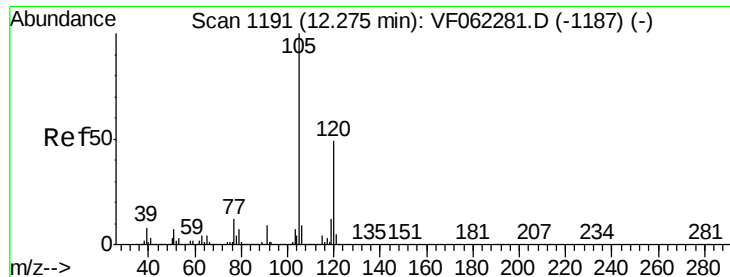
Tot Ion: 91 Resp: 205
Ion Ratio Lower Upper
91 100
126 29.3 17.3 52.0



#83
tert-Butylbenzene
Concen: 11.346 ug/l
RT: 12.23 min Scan# 1187
Delta R.T. 0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion: 119 Resp: 66
Ion Ratio Lower Upper
119 100
91 0.0 29.4 88.2#
134 0.0 11.9 35.7#

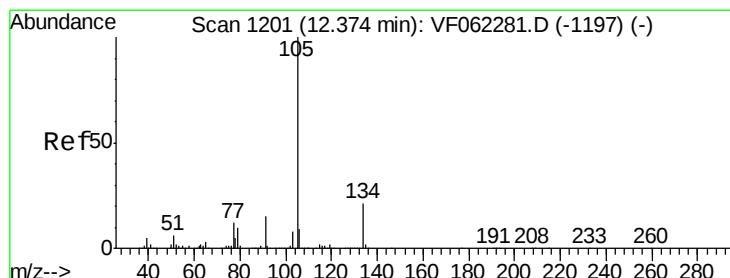
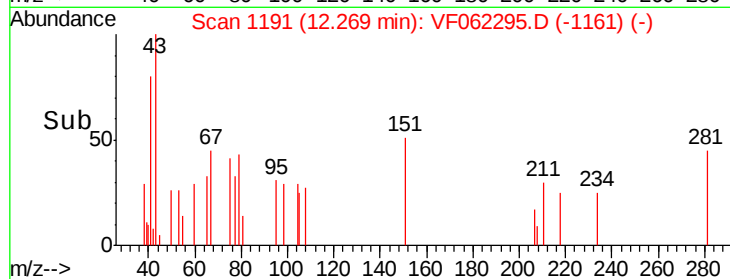
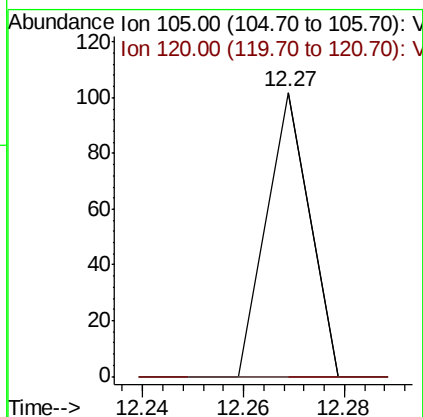
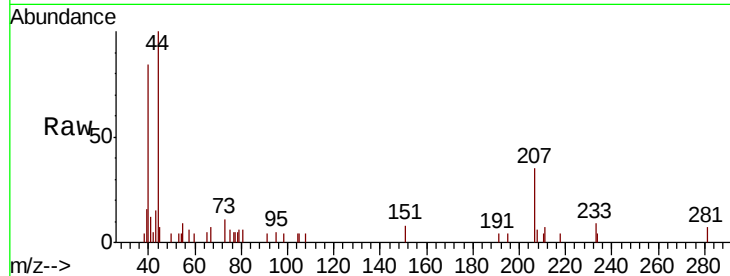




#84
1,2,4-Trimethylbenzene
Concen: 10.929 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

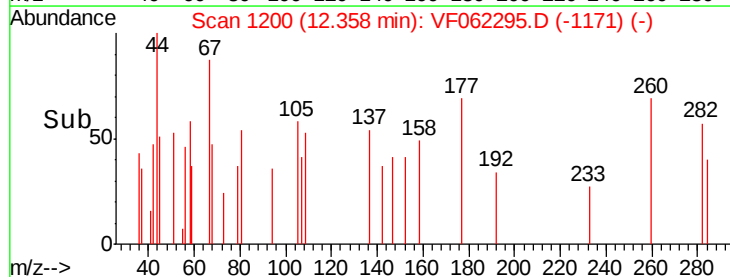
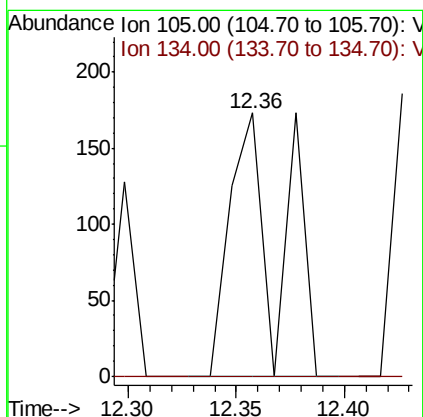
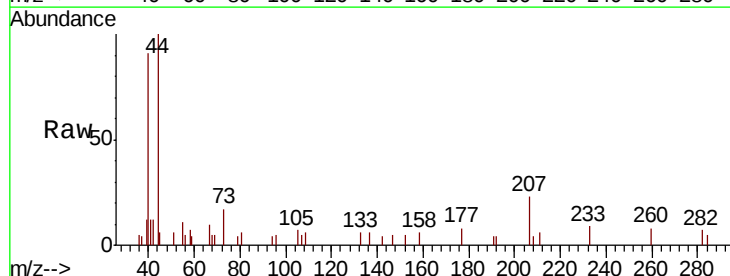
Instrument :
MSVOA_F
ClientSampleId :
RBR200051RE

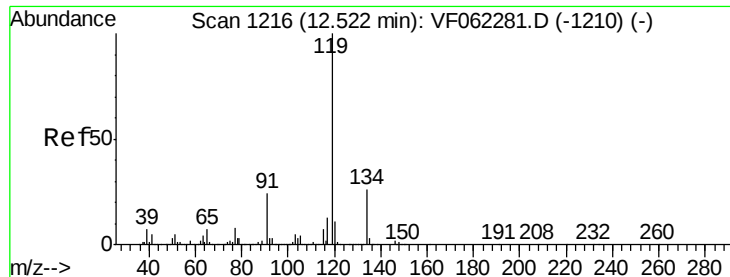
Tot Ion:105 Resp: 60
Ion Ratio Lower Upper
105 100
120 0.0 24.1 72.2#



#85
sec-Butylbenzene
Concen: 38.507 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF062295.D
Acq: 25 Apr 2019 16:41

Tgt Ion:105 Resp: 279
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

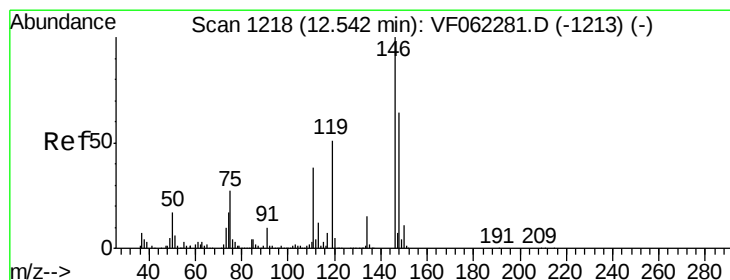
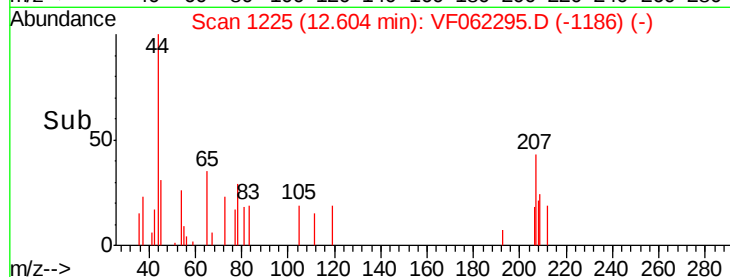
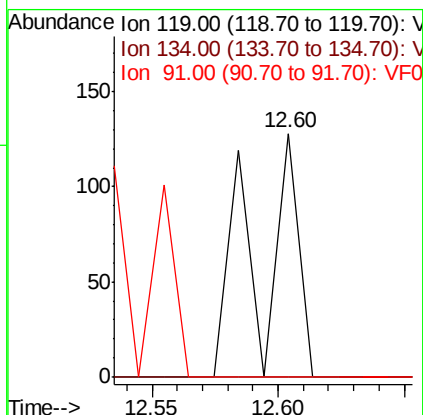
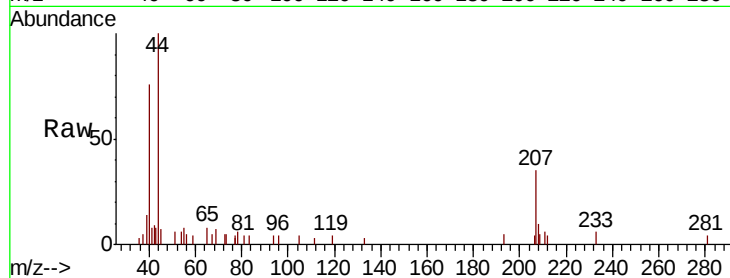




#86
 p-Isopropyltoluene
 Concen: 22.476 ug/l
 RT: 12.60 min Scan# 1225
 Delta R.T. 0.08 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

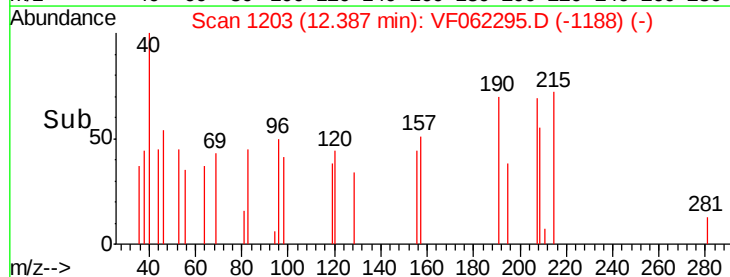
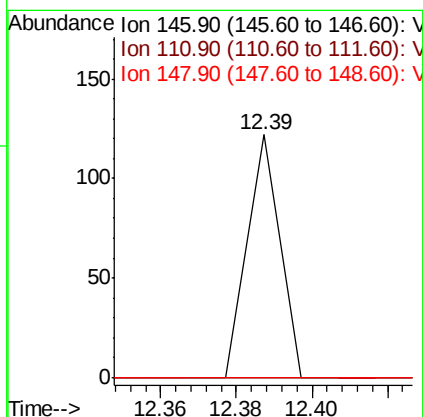
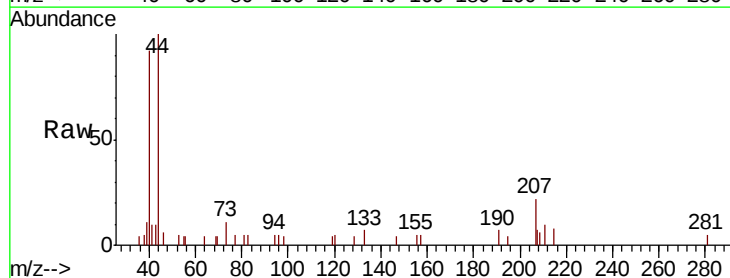
Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200051RE

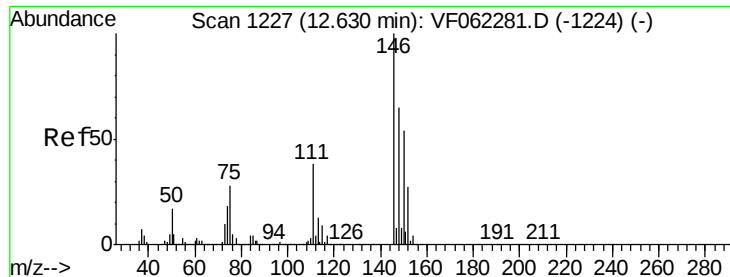
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	0.0	11.6	34.7#



#87
 1,3-Dichlorobenzene
 Concen: 24.245 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.15 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	55.8#
148	0.0	32.8	98.4#

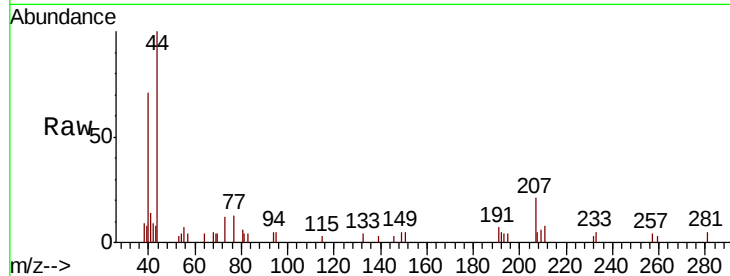




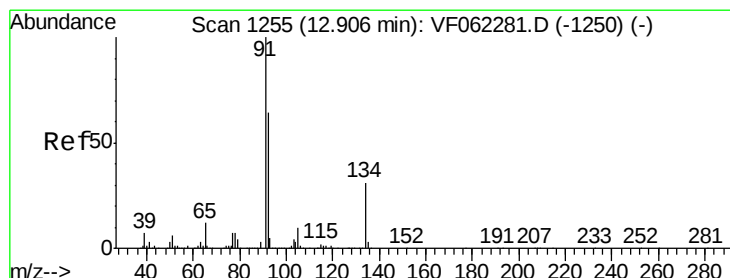
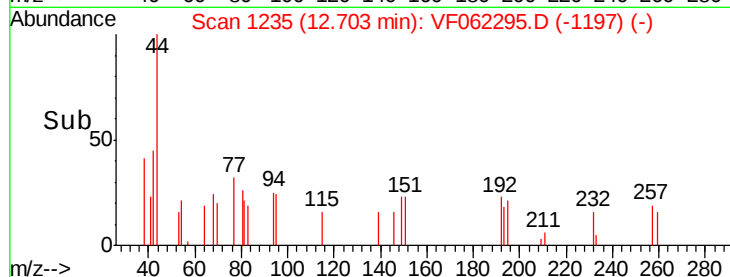
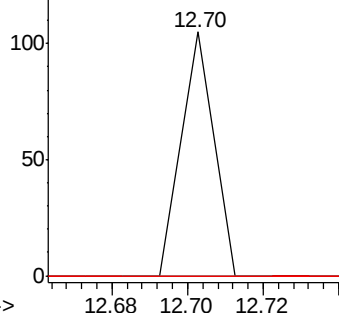
#88
 1,4-Dichlorobenzene
 Concen: 22.020 ug/l
 RT: 12.70 min Scan# 1235
 Delta R.T. 0.07 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Instrument :
 MSVOA_F
 ClientSampled :
 RBR200051RE

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	56.0#
148	0.0	32.5	97.5#

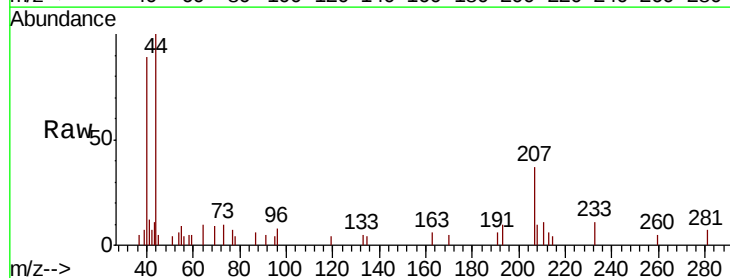


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

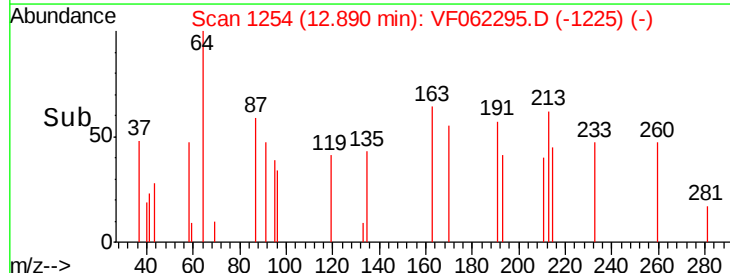
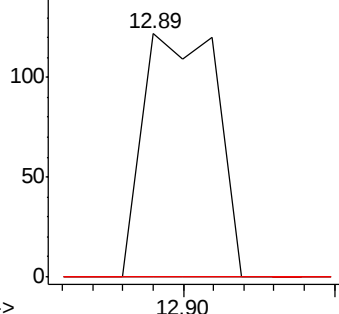


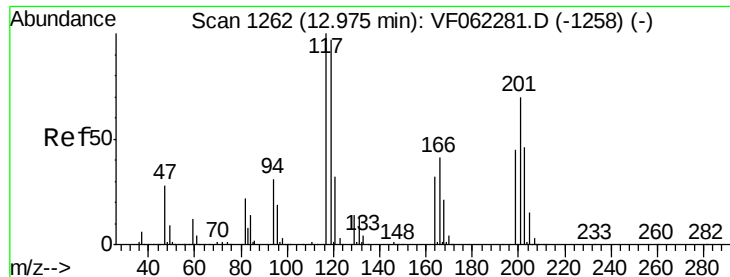
#89
 n-Butylbenzene
 Concen: 35.240 ug/l
 RT: 12.89 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.1	93.3#
134	0.0	14.4	43.4#



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: 54.658 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.02 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

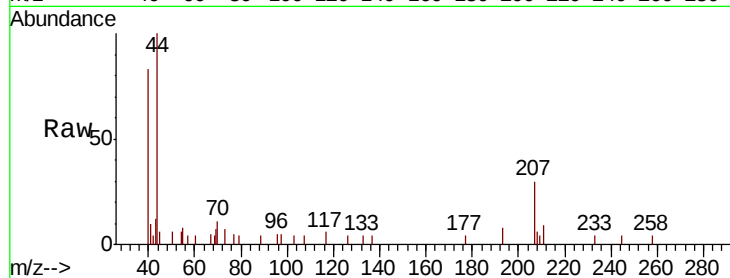
RBR200051RE

Tot Ion:117 Resp: 89

Ion Ratio Lower Upper

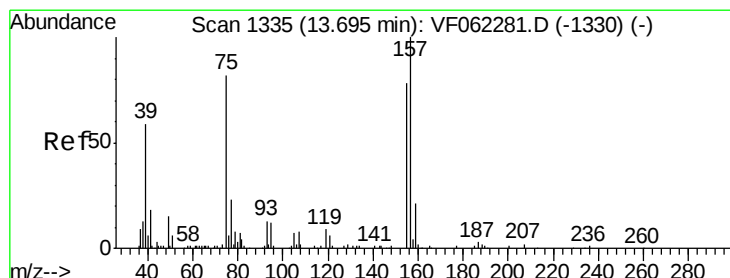
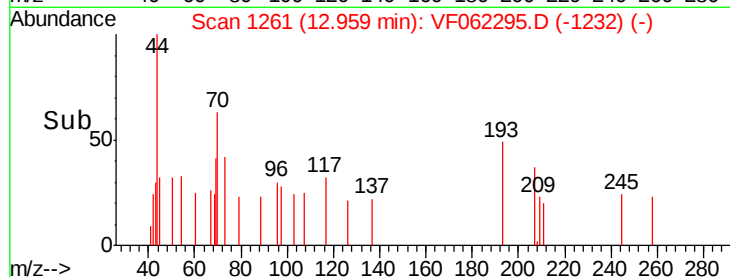
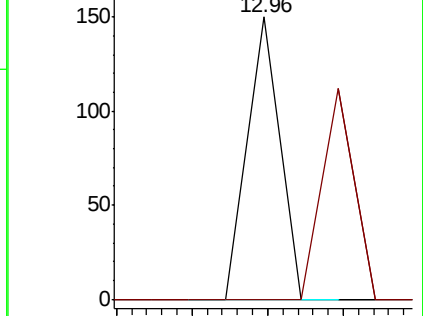
117 100

201 74.2 42.9 128.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 399.625 ug/l

RT: 13.79 min Scan# 1345

Delta R.T. 0.09 min

Lab File: VF062295.D

Acq: 25 Apr 2019 16:41

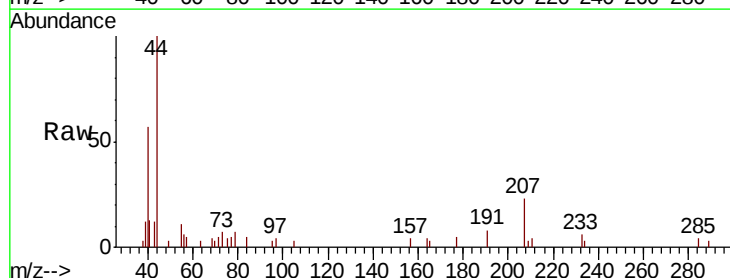
Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

75 100

155 74.4 51.7 155.2

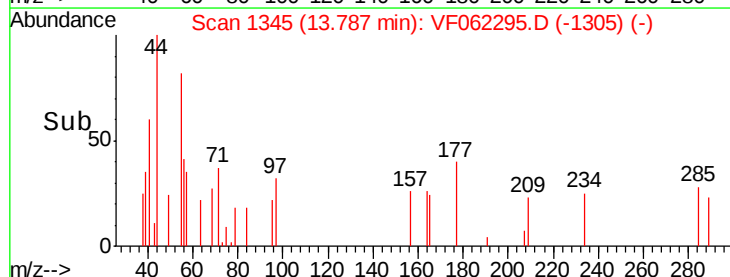
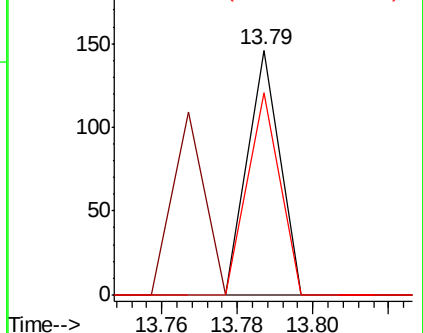
157 83.7 64.5 193.5

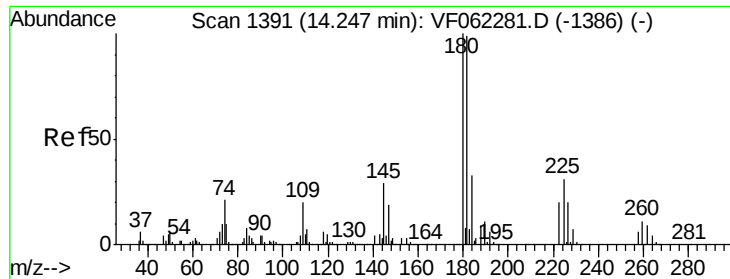


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

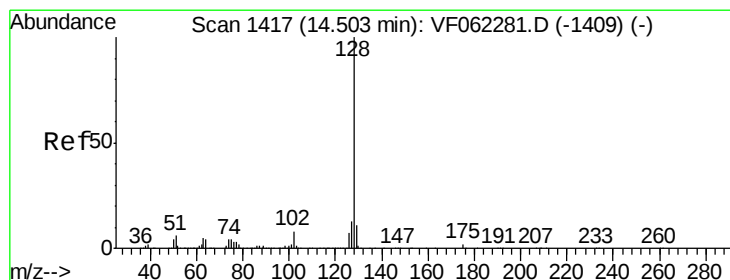
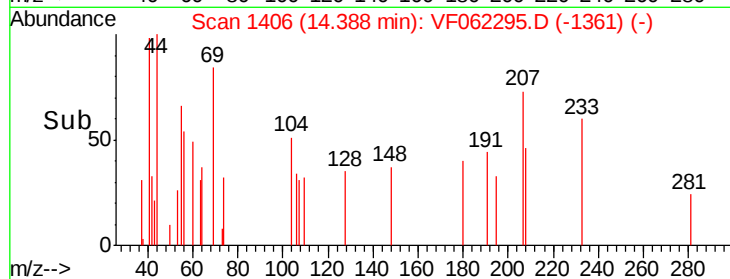
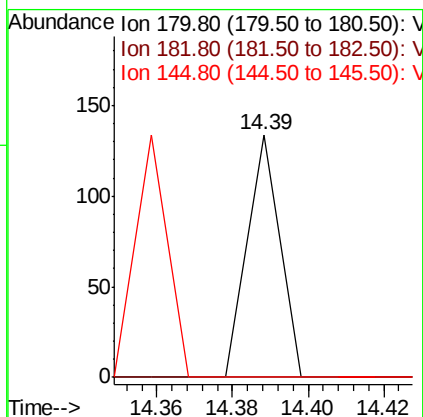
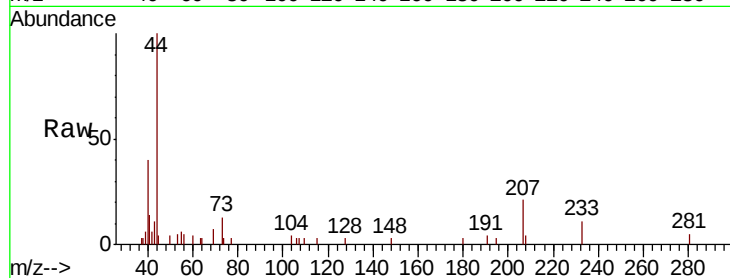




#93
 1,2,4-Trichlorobenzene
 Concen: 31.546 ug/l
 RT: 14.39 min Scan# 1406
 Delta R.T. 0.14 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

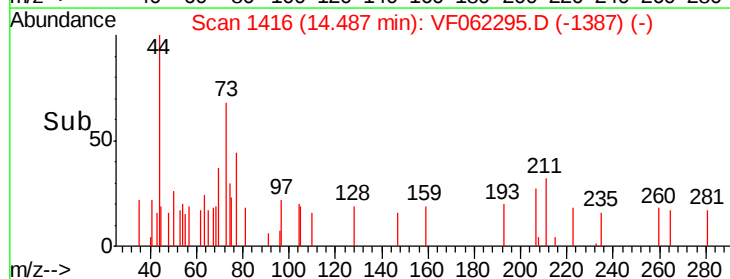
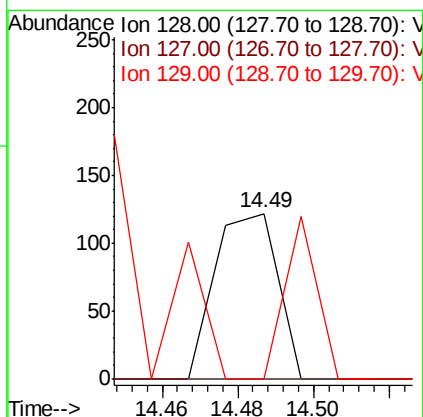
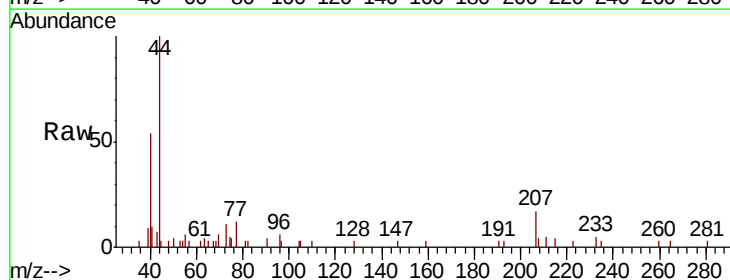
Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200051RE

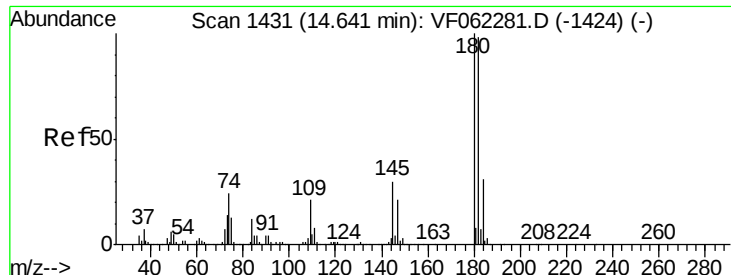
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.5	145.6#
145	0.0	16.7	50.1#



#95
 Naphthalene
 Concen: 35.828 ug/l
 RT: 14.49 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	51.1	8.9	13.3#

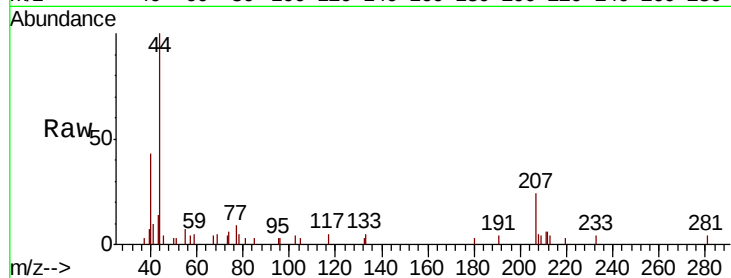




#96
 1,2,3-Trichlorobenzene
 Concen: 27.022 ug/l
 RT: 14.66 min Scan# 1434
 Delta R.T. 0.02 min
 Lab File: VF062295.D
 Acq: 25 Apr 2019 16:41

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200051RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.0	147.2#
145	101.6	14.5	43.5#



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

