

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060307.D
 Acq On : 20 Sep 2018 19:48
 Operator : VA/AP
 Sample : J5023-05
 Misc : 5.19/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-PIT-2

Quant Time: Sep 21 05:23:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	3242	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.43	114	174	50.00	ug/l	-0.33
63) Chlorobenzene-d5	9.35	117	157	50.00	ug/l	-0.57
72) 1,4-Dichlorobenzene-d4	12.63	152	64	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	458	10.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.98%	
35) Dibromofluoromethane	4.10	113	59	38.04	ug/l	-0.19
Spiked Amount	50.000		Recovery	=	76.08%	
50) Toluene-d8	7.25	98	103	25.50	ug/l	-0.46
Spiked Amount	50.000		Recovery	=	51.00%	
62) 4-Bromofluorobenzene	10.83	95	227	130.01	ug/l	-0.67
Spiked Amount	50.000		Recovery	=	260.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	185	Below Cal	#	40
3) Chloromethane	1.13	50	79	1.79	ug/l #	42
4) Vinyl Chloride	1.16	62	59	1.31	ug/l #	43
5) Bromomethane	1.25	94	145	Below Cal		96
6) Chloroethane	1.43	64	93	4.34	ug/l #	40
8) Diethyl Ether	1.57	74	66	4.73	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	1.98	101	71	1.59	ug/l #	23
10) Methyl Iodide	1.97	142	81	1.13	ug/l #	24
11) Tert butyl alcohol	2.72	59	75	15.08	ug/l #	63
12) 1,1-Dichloroethene	1.85	96	261	7.07	ug/l #	1
13) Acrolein	2.06	56	498	627.39	ug/l	99
14) Allyl chloride	2.18	41	953	14.80	ug/l #	65
15) Acrylonitrile	3.03	53	225	36.49	ug/l #	30
16) Acetone	2.32	43	591	48.07	ug/l #	60
17) Carbon Disulfide	1.88	76	197	Below Cal	#	70
18) Methyl Acetate	2.43	43	699	34.13	ug/l #	62
19) Methyl tert-butyl Ether	2.54	73	328	3.57	ug/l #	59
20) Methylene Chloride	2.26	84	544	10.51	ug/l #	1
21) trans-1,2-Dichloroethene	2.40	96	93	2.44	ug/l #	1
22) Diisopropyl ether	2.91	45	334	2.75	ug/l #	24
23) Vinyl Acetate	3.33	43	1428	29.93	ug/l #	79
25) 2-Butanone	4.46	43	1307	78.98	ug/l #	56
26) 2,2-Dichloropropane	3.77	77	117	2.60	ug/l #	58
27) cis-1,2-Dichloroethene	3.59	96	291	5.81	ug/l	1
28) Bromochloromethane	3.79	49	66	2.15	ug/l #	67
29) Tetrahydrofuran	4.19	42	409	67.49	ug/l #	49
30) Chloroform	4.04	83	177	1.86	ug/l #	15
31) Cyclohexane	3.87	56	332	4.99	ug/l #	1
32) 1,1,1-Trichloroethane	4.22	97	224	2.99	ug/l #	21
36) 1,1-Dichloropropene	4.20	75	86	39.62	ug/l #	1
37) Ethyl Acetate	4.04	43	1613	1756.39	ug/l #	1
38) Carbon Tetrachloride	3.91	117	59	25.31	ug/l #	3
39) Methylcyclohexane	5.36	83	231	98.20	ug/l #	16
40) Benzene	4.51	78	134	27.23	ug/l #	53

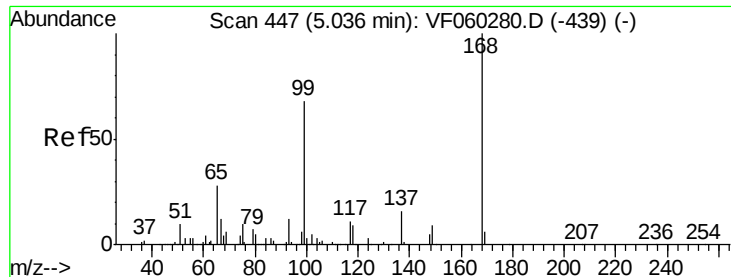
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060307.D
 Acq On : 20 Sep 2018 19:48
 Operator : VA/AP
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 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.62	41	552	1107.72	ug/l #	40
42) 1,2-Dichloroethane	4.78	62	74	40.85	ug/l	79
43) Isopropyl Acetate	6.70	43	447	404.31	ug/l #	48
44) Trichloroethene	5.41	130	60	40.97	ug/l	1
45) 1,2-Dichloropropane	6.05	63	87	68.31	ug/l #	42
46) Dibromomethane	5.88	93	64	70.30	ug/l #	45
47) Bromodichloromethane	6.22	83	146	66.73	ug/l #	26
48) Methyl methacrylate	6.51	41	592	762.80	ug/l #	34
49) 1,4-Dioxane	6.19	88	142	20480.28	ug/l #	1
51) 4-Methyl-2-Pentanone	7.94	43	561	658.36	ug/l #	35
52) Toluene	7.35	92	154	49.46	ug/l #	72
53) t-1,3-Dichloropropene	7.88	75	61	34.56	ug/l #	42
54) cis-1,3-Dichloropropene	6.96	75	99	44.53	ug/l #	29
55) 1,1,2-Trichloroethane	8.18	97	214	226.47	ug/l #	17
56) Ethyl methacrylate	8.27	69	193	169.12	ug/l #	41
57) 1,3-Dichloropropane	8.52	76	70	44.74	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.27	63	148	1466.97	ug/l	100
59) 2-Hexanone	9.20	43	359	591.71	ug/l	71
60) Dibromochloromethane	8.38	129	63	44.73	ug/l #	13
64) Tetrachloroethene	8.42	164	62	43.56	ug/l #	1
65) Chlorobenzene	9.96	112	62	17.42	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.11	131	82	55.53	ug/l #	6
67) Ethyl Benzene	10.02	91	131	19.91	ug/l #	46
68) m/p-Xylenes	10.25	106	60	26.40	ug/l #	1
69) o-Xylene	10.86	106	63	24.71	ug/l #	1
70) Styrene	10.88	104	101	28.09	ug/l #	31
71) Bromoform	10.81	173	72	88.78	ug/l #	31
73) Isopropylbenzene	11.19	105	60	10.44	ug/l #	51
74) N-amyl acetate	11.48	43	290	236.70	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	11.75	83	218	214.10	ug/l #	27
76) 1,2,3-Trichloropropane	11.91	75	90	123.45	ug/l #	1
78) n-propylbenzene	11.63	91	126	16.69	ug/l #	57
79) 2-Chlorotoluene	11.79	91	174	44.90	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.90	105	253	54.70	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.99	75	63	163.51	ug/l #	1
82) 4-Chlorotoluene	11.97	91	221	56.73	ug/l #	43
83) tert-Butylbenzene	12.13	119	65	13.86	ug/l #	35
84) 1,2,4-Trimethylbenzene	12.29	105	105	22.36	ug/l #	31
85) sec-Butylbenzene	12.41	105	172	27.80	ug/l #	58
86) p-Isopropyltoluene	12.53	119	105	19.19	ug/l #	1
89) n-Butylbenzene	12.93	91	804	Below	Cal #	28
90) Hexachloroethane	13.01	117	85	64.79	ug/l #	22
91) 1,2-Dichlorobenzene	13.03	146	70	31.71	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.67	75	59	308.62	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.16	180	76	47.37	ug/l #	1
95) Naphthalene	14.50	128	245	87.10	ug/l #	68
96) 1,2,3-Trichlorobenzene	14.73	180	69	46.55	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

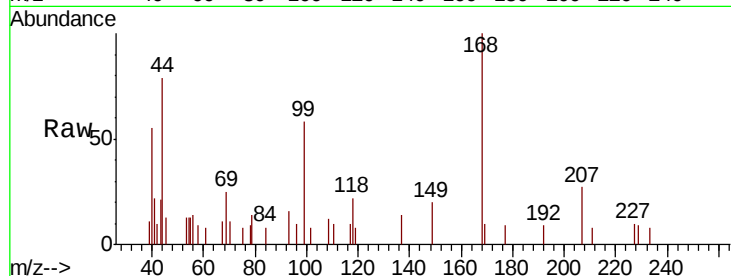
NB-PIT-2

Tot Ion:168 Resp: 3242

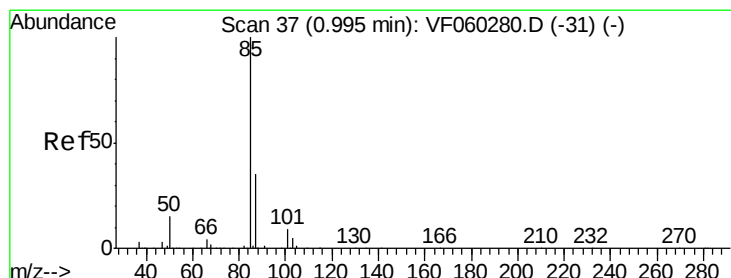
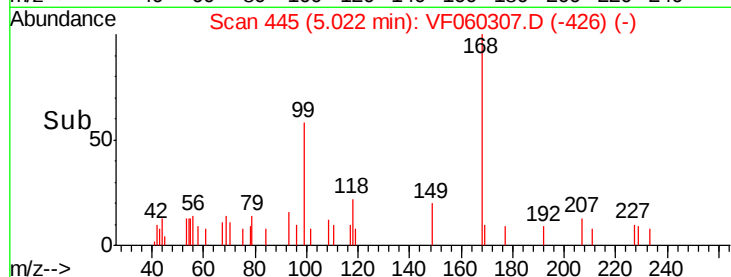
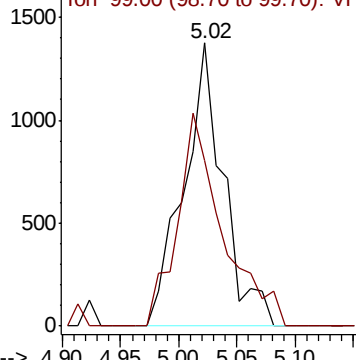
Ion Ratio Lower Upper

168 100

99 58.3 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.99 min Scan# 36

Delta R.T. -0.00 min

Lab File: VF060307.D

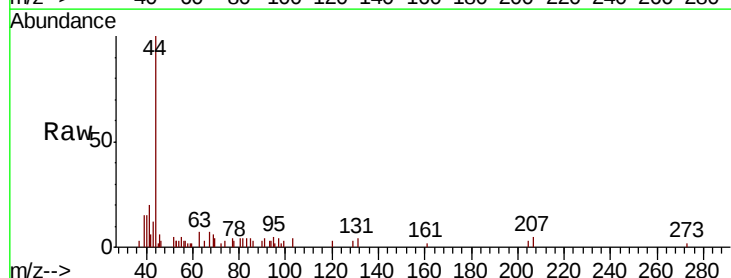
Acq: 20 Sep 2018 19:48

Tgt Ion: 85 Resp: 185

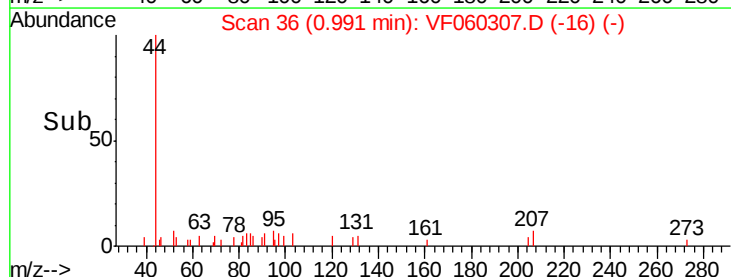
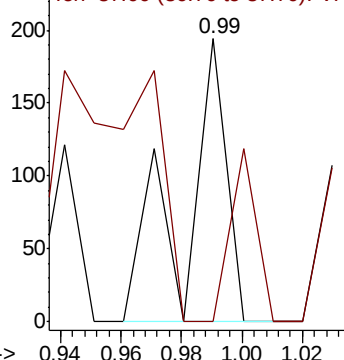
Ion Ratio Lower Upper

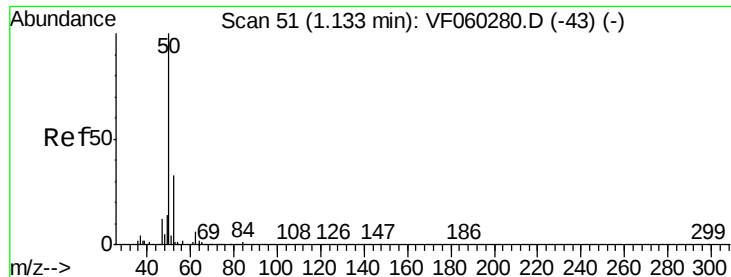
85 100

87 0.0 17.3 52.0#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 1.79 ug/l

RT: 1.13 min Scan# 50

Delta R.T. -0.00 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

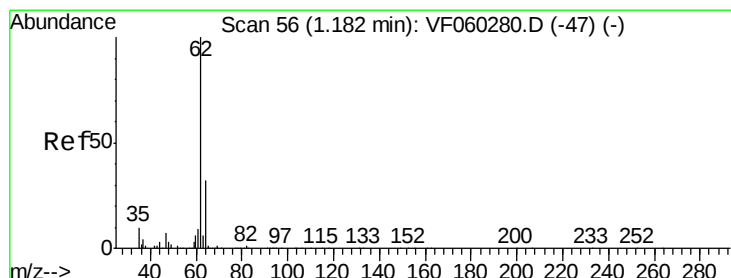
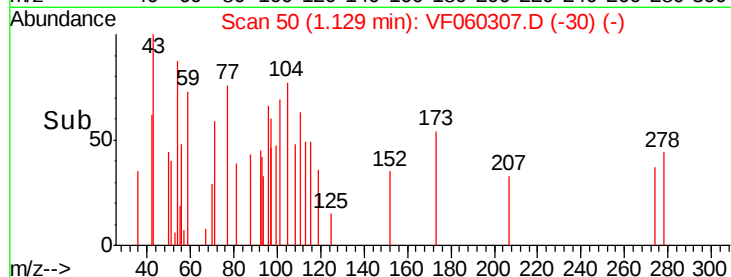
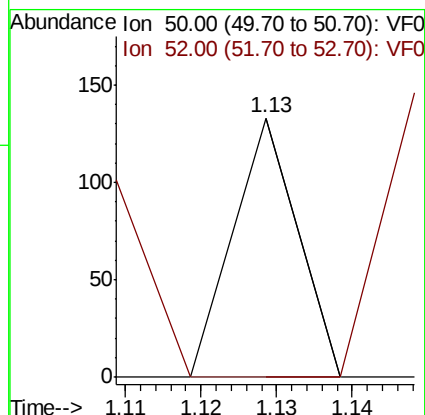
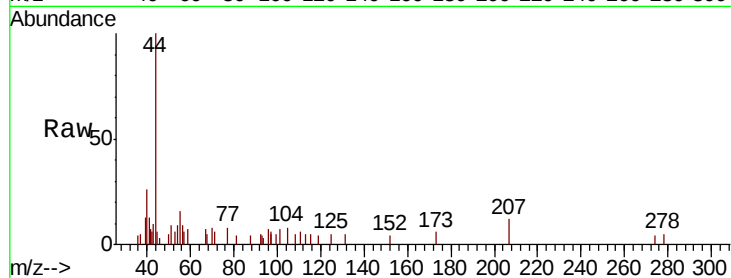
NB-PIT-2

Tot Ion: 50 Resp: 79

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



#4

Vinyl Chloride

Concen: 1.31 ug/l

RT: 1.16 min Scan# 53

Delta R.T. -0.02 min

Lab File: VF060307.D

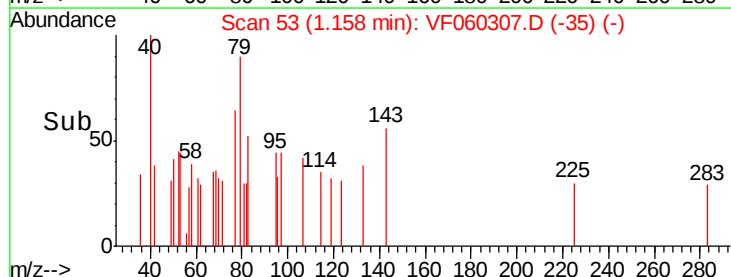
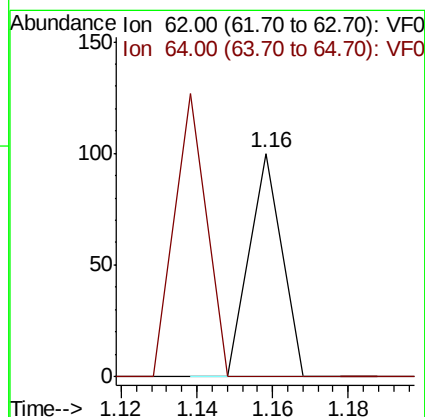
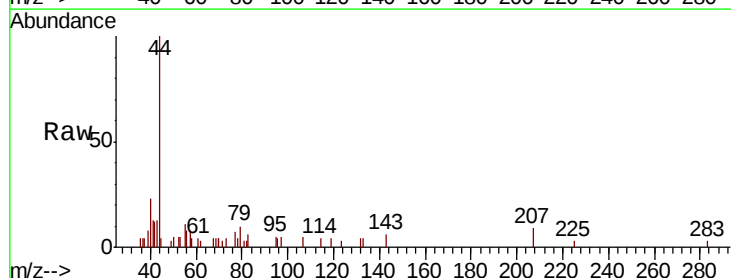
Acq: 20 Sep 2018 19:48

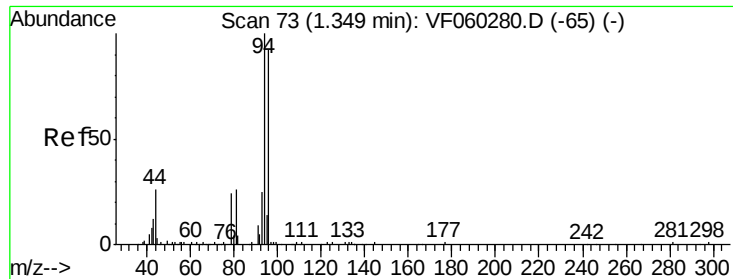
Tgt Ion: 62 Resp: 59

Ion Ratio Lower Upper

62 100

64 0.0 25.2 37.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.25 min Scan# 62

Delta R.T. -0.10 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

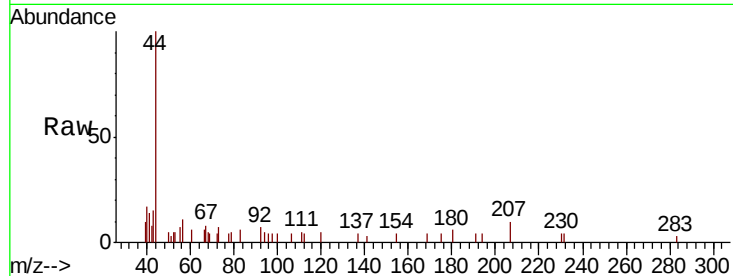
NB-PIT-2

Tot Ion: 94 Resp: 145

Ion Ratio Lower Upper

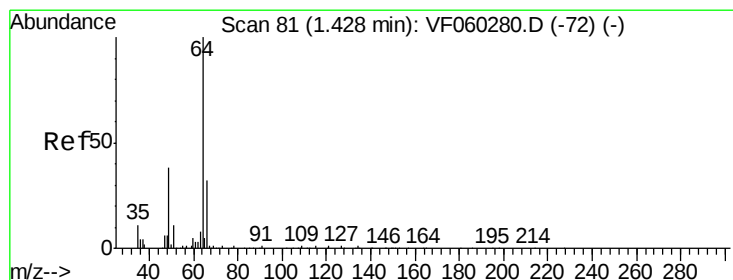
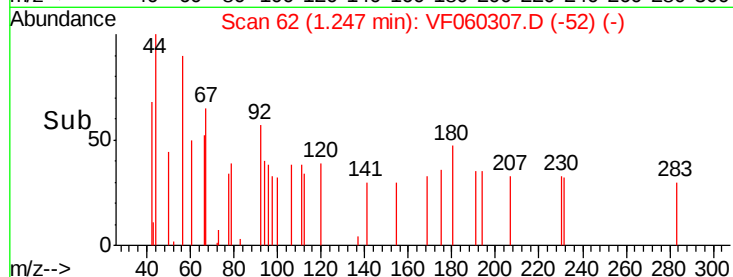
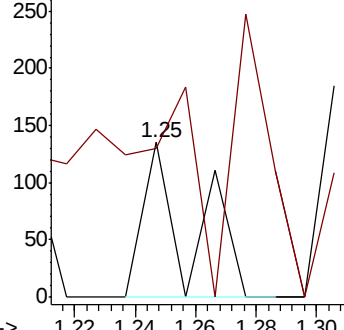
94 100

96 96.3 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 4.34 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.01 min

Lab File: VF060307.D

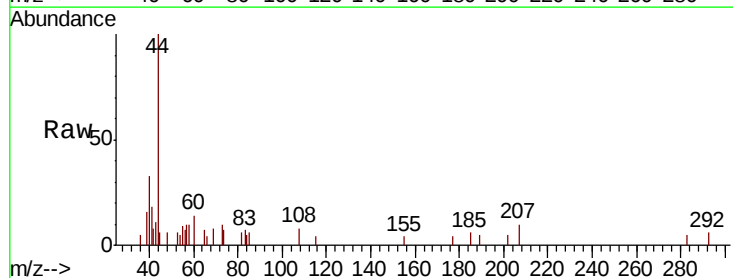
Acq: 20 Sep 2018 19:48

Tgt Ion: 64 Resp: 93

Ion Ratio Lower Upper

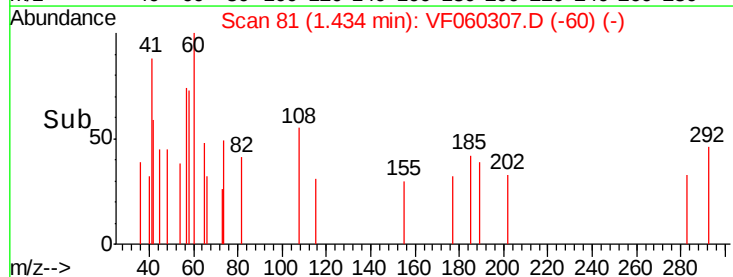
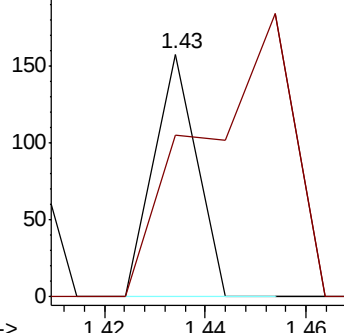
64 100

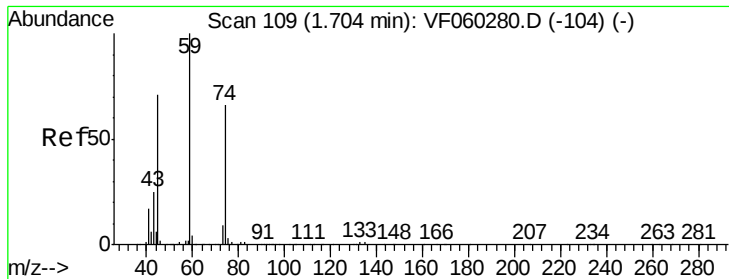
66 66.5 26.2 39.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#8

Diethyl Ether

Concen: 4.73 ug/l

RT: 1.57 min Scan# 95

Delta R.T. -0.13 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

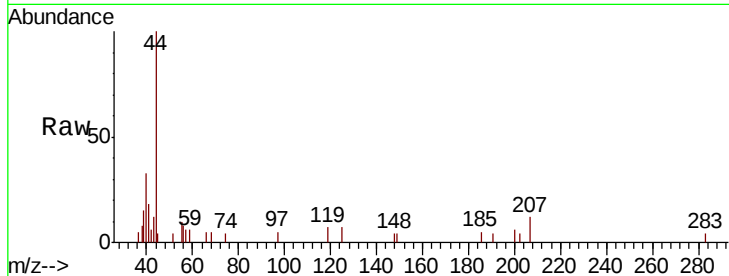
NB-PIT-2

Tot Ion: 74 Resp: 66

Ion Ratio Lower Upper

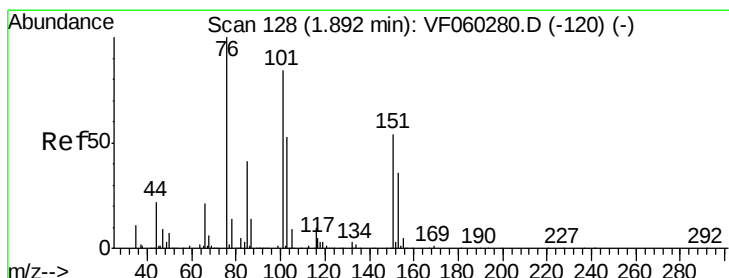
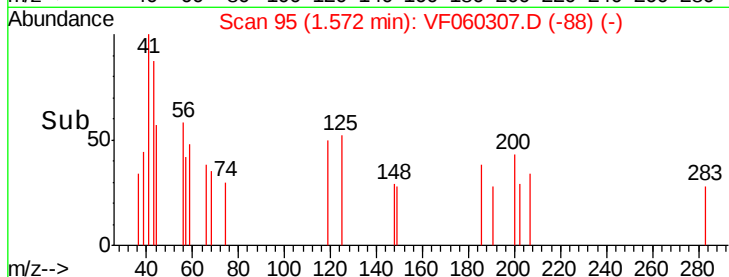
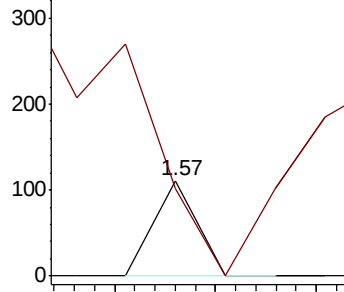
74 100

45 91.9 53.9 161.7



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.59 ug/l

RT: 1.98 min Scan# 136

Delta R.T. 0.08 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

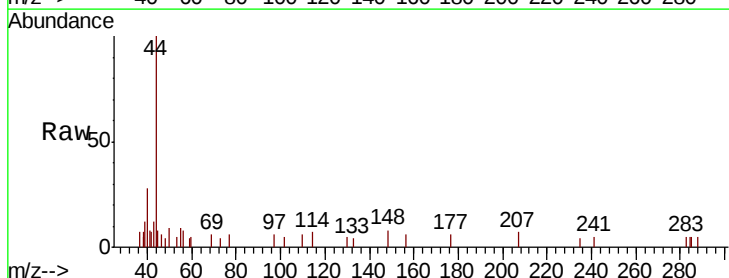
Tgt Ion: 101 Resp: 71

Ion Ratio Lower Upper

101 100

85 0.0 38.7 58.1#

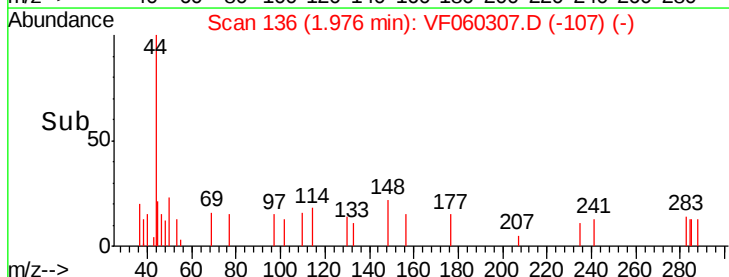
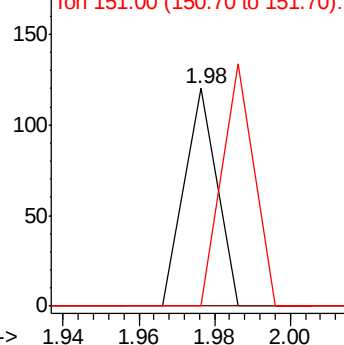
151 0.0 50.8 76.2#

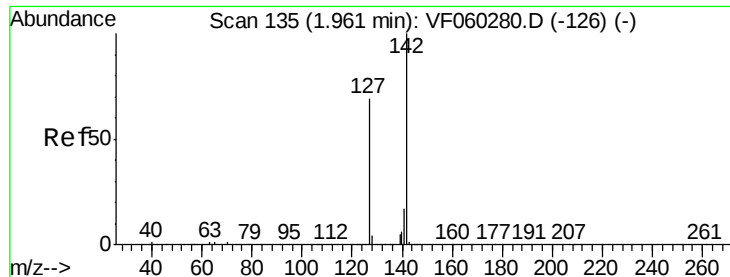


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V

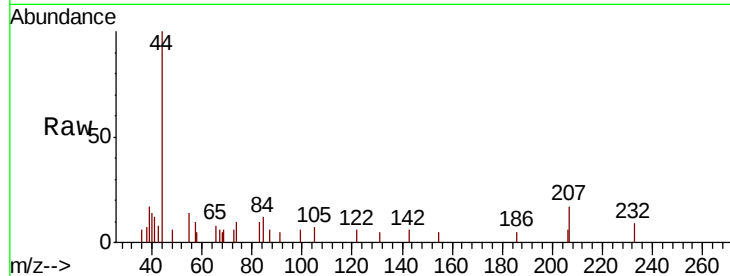




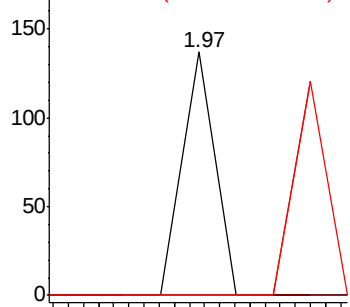
#10
Methvl Iodide
Concen: 1.13 ug/l
RT: 1.97 min Scan# 135
Delta R.T. 0.01 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

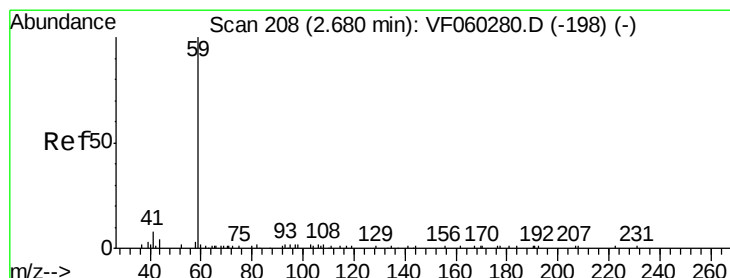
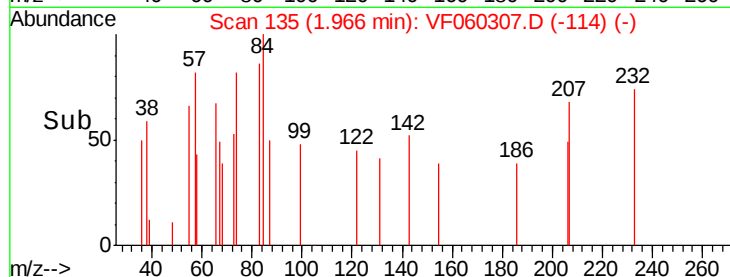
Tot Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 55.4 83.0#
141 0.0 13.3 19.9#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

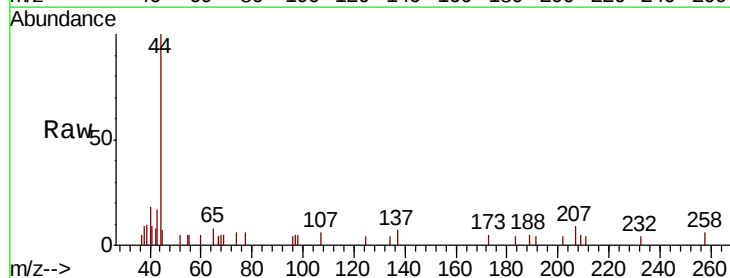


Time--> 1.94 1.96 1.98 2.00

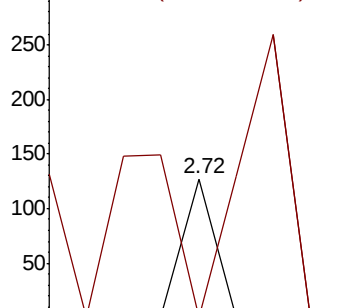


#11
Tert butyl alcohol
Concen: 15.08 ug/l
RT: 2.72 min Scan# 211
Delta R.T. 0.04 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

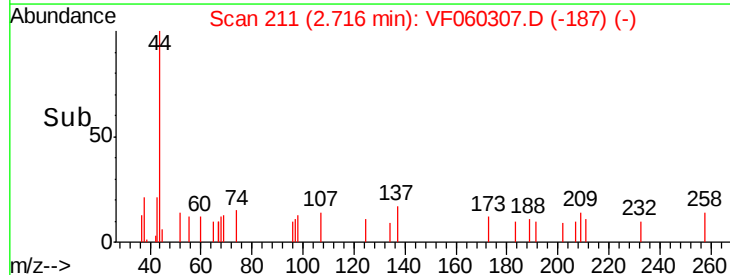
Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 12.4 18.6#

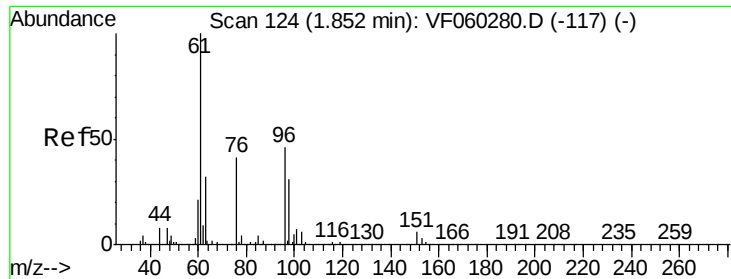


Abundance Ion 59.00 (58.70 to 59.70): VF0
Ion 57.00 (56.70 to 57.70): VF0



Time--> 2.68 2.70 2.72 2.74





#12

1,1-Dichloroethene

Concen: 7.07 ug/l

RT: 1.85 min Scan# 123

Delta R.T. -0.00 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

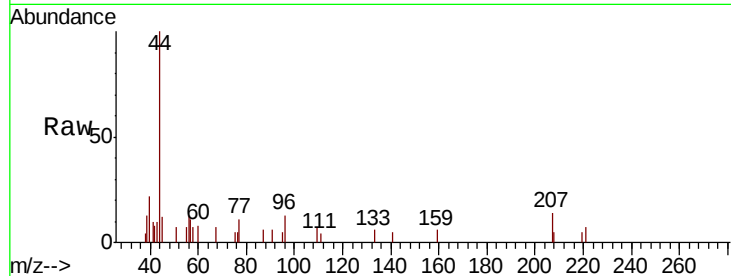
Tot Ion: 96 Resp: 261

Ion Ratio Lower Upper

96 100

61 0.0 172.2 258.2#

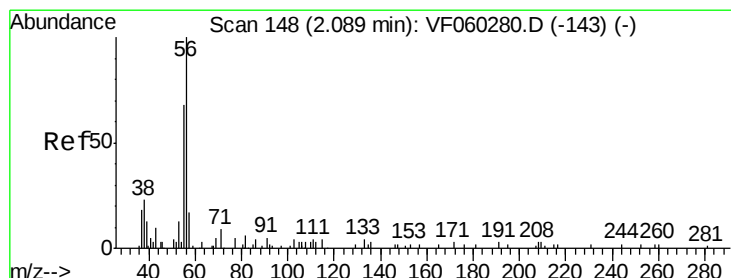
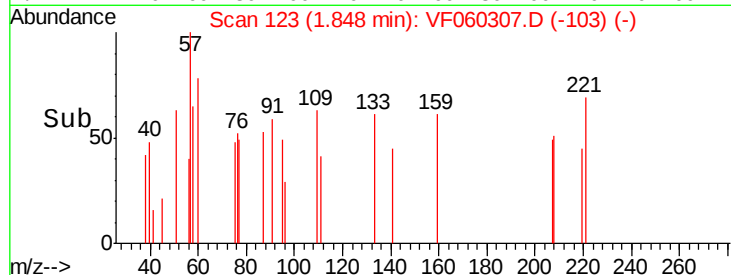
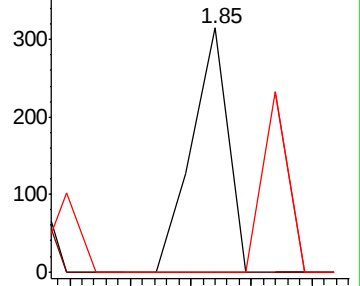
98 0.0 54.1 81.1#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#13

Acrolein

Concen: 627.39 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.02 min

Lab File: VF060307.D

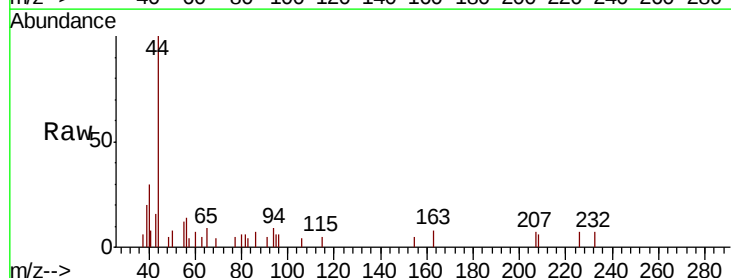
Acq: 20 Sep 2018 19:48

Tgt Ion: 56 Resp: 498

Ion Ratio Lower Upper

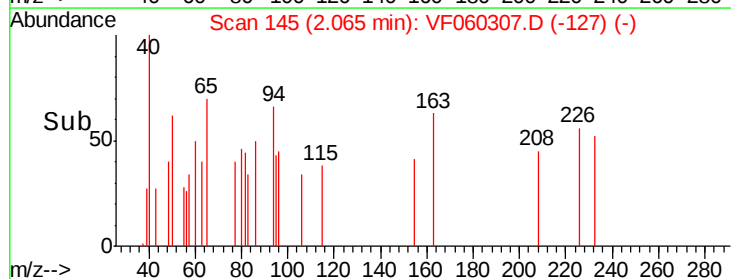
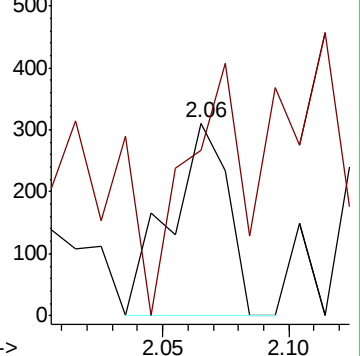
56 100

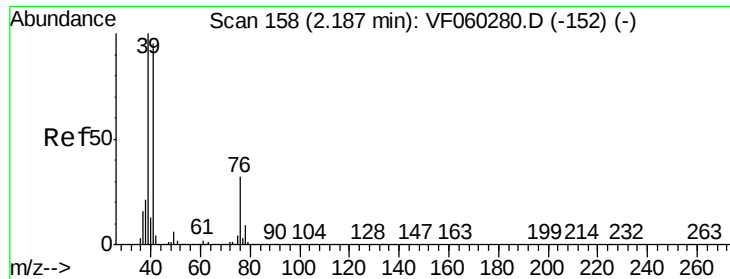
55 86.2 69.9 104.9



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

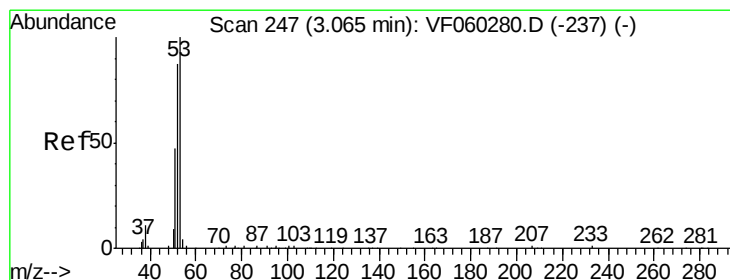
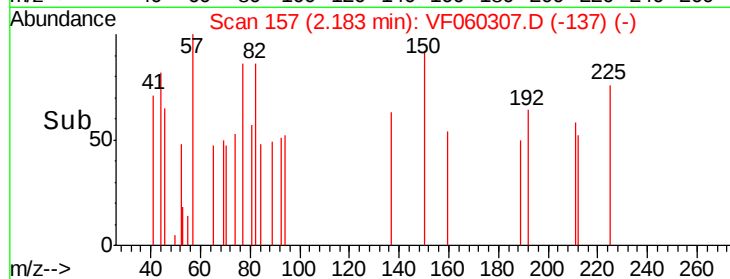
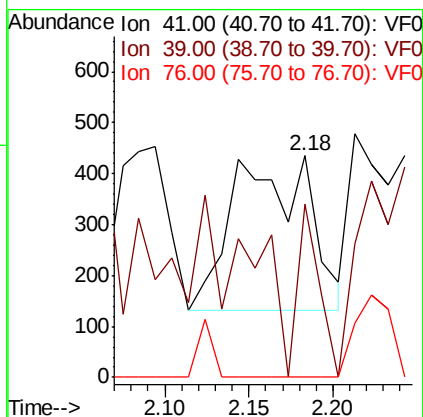
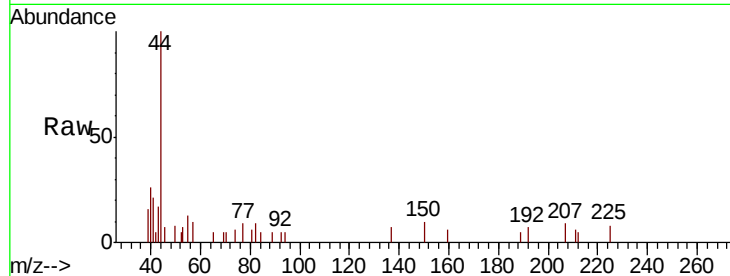




#14
Allvl chloride
Concen: 14.80 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

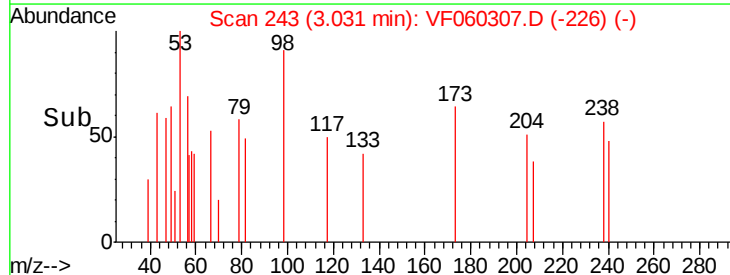
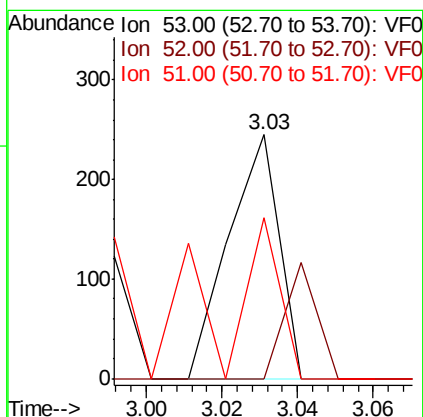
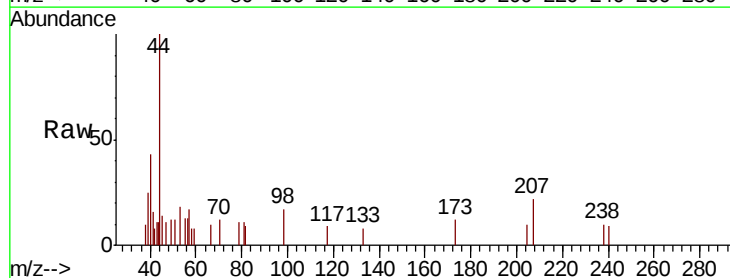
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

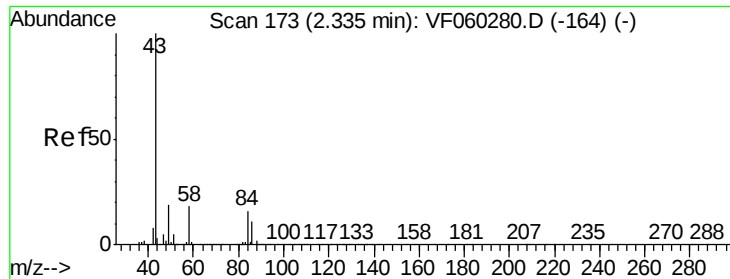
Tot Ion: 41 Resp: 953
Ion Ratio Lower Upper
41 100
39 77.9 84.8 127.2#
76 0.0 27.4 41.2#



#15
Acrylonitrile
Concen: 36.49 ug/l
RT: 3.03 min Scan# 243
Delta R.T. -0.03 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion: 53 Resp: 225
Ion Ratio Lower Upper
53 100
52 0.0 69.5 104.3#
51 65.7 38.1 57.1#





#16

Acetone

Concen: 48.07 ug/l

RT: 2.32 min Scan# 171

Delta R.T. -0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

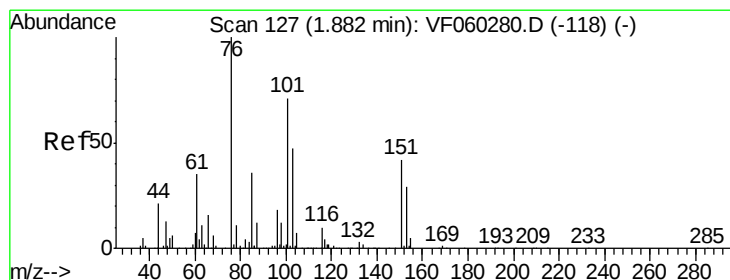
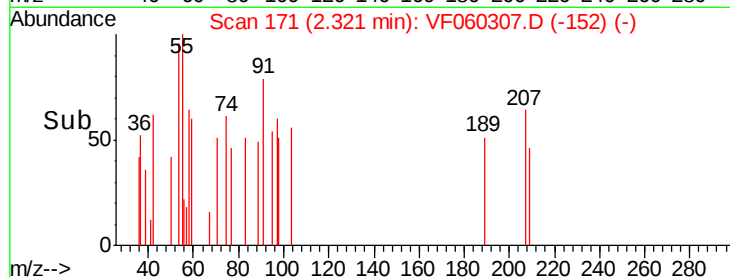
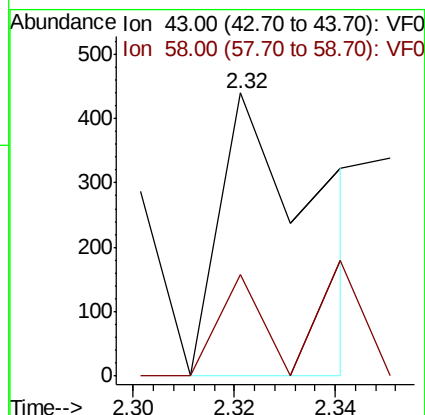
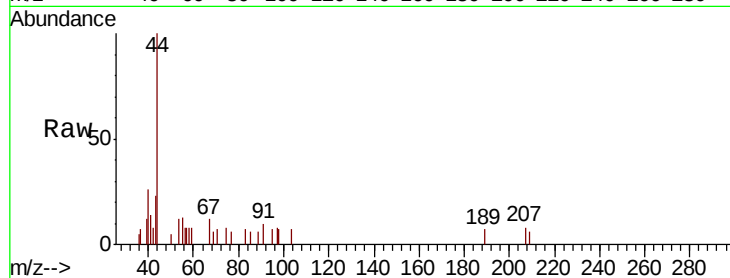
NB-PIT-2

Tot Ion: 43 Resp: 591

Ion Ratio Lower Upper

43 100

58 35.8 14.5 21.7#



#17

Carbon Disulfide

Concen: Below Cal

RT: 1.88 min Scan# 126

Delta R.T. -0.00 min

Lab File: VF060307.D

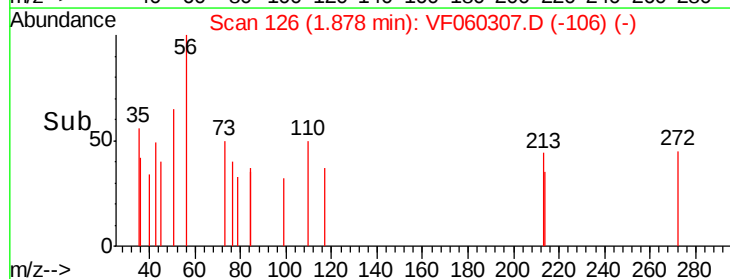
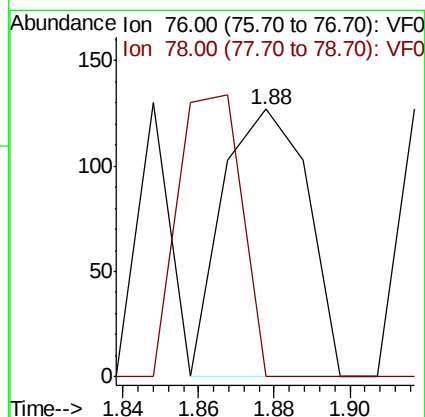
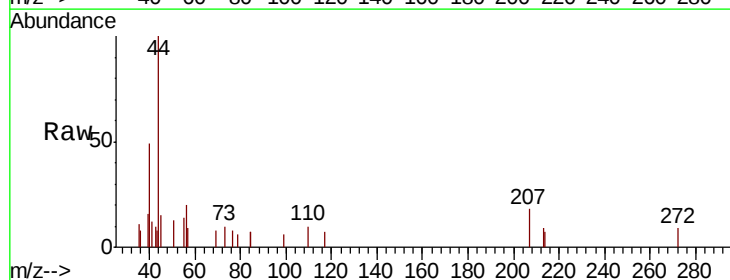
Acq: 20 Sep 2018 19:48

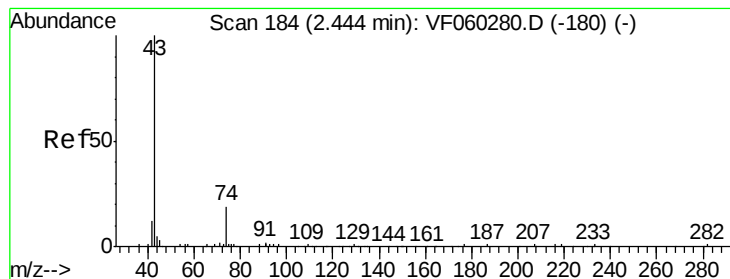
Tgt Ion: 76 Resp: 197

Ion Ratio Lower Upper

76 100

78 0.0 9.4 14.0#





#18

Methyl Acetate

Concen: 34.13 ug/l

RT: 2.43 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

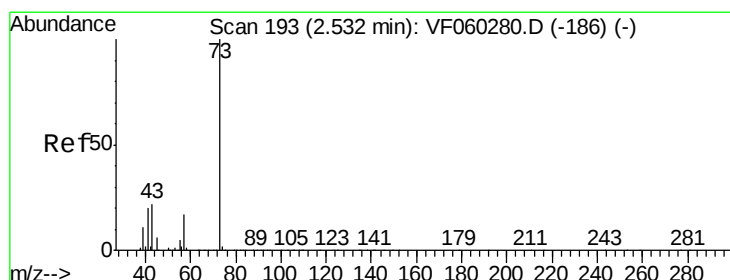
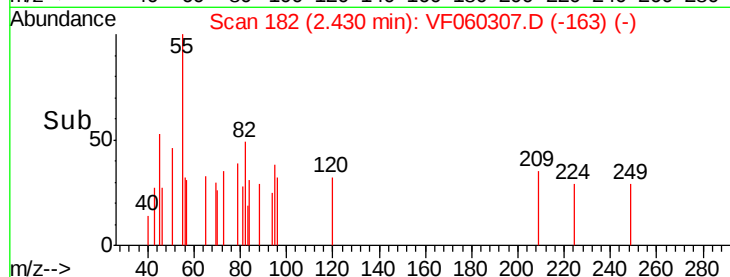
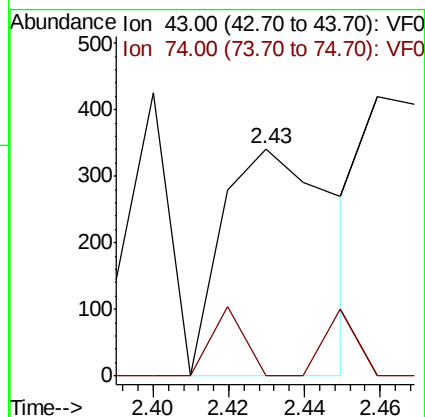
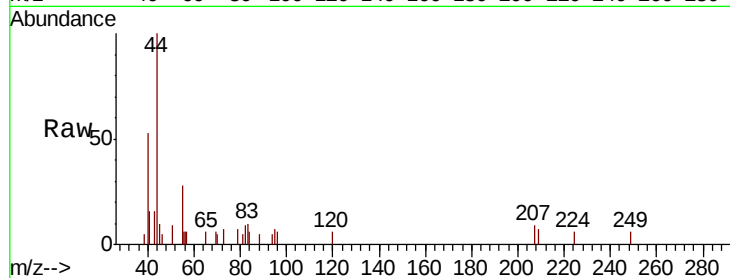
NB-PIT-2

Tot Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

74 0.0 12.7 19.1#



#19

Methyl tert-butyl Ether

Concen: 3.57 ug/l

RT: 2.54 min Scan# 193

Delta R.T. 0.01 min

Lab File: VF060307.D

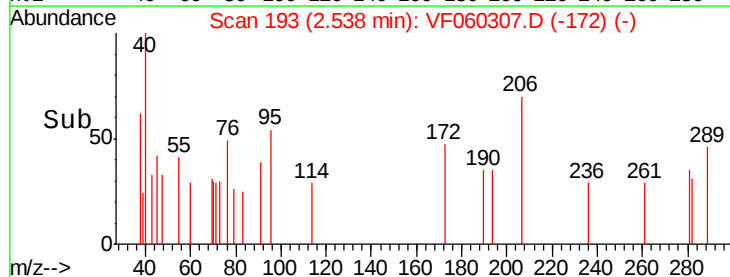
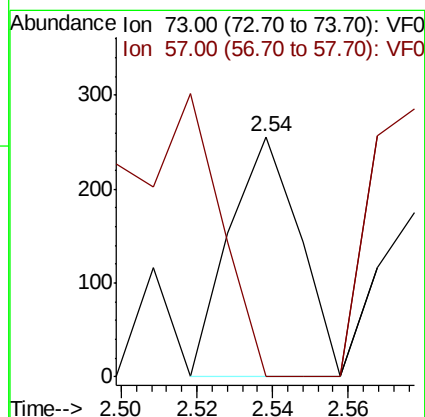
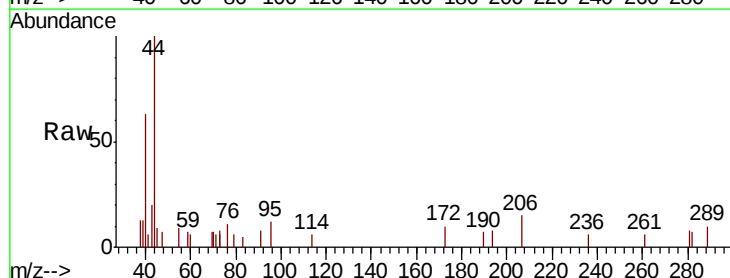
Acq: 20 Sep 2018 19:48

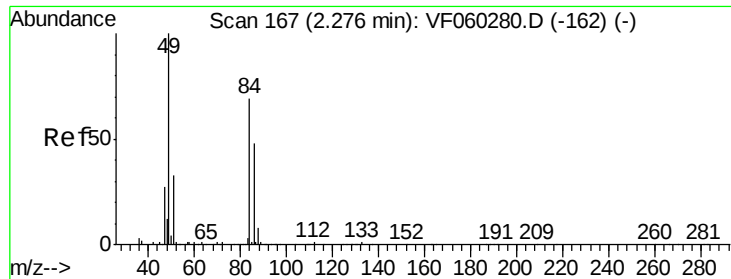
Tgt Ion: 73 Resp: 328

Ion Ratio Lower Upper

73 100

57 0.0 14.5 21.7#

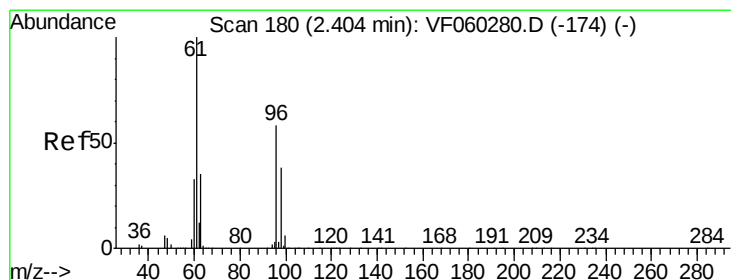
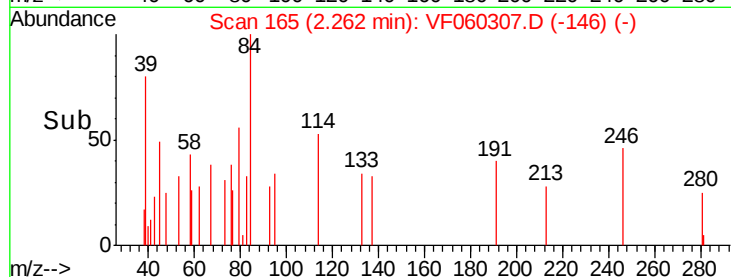
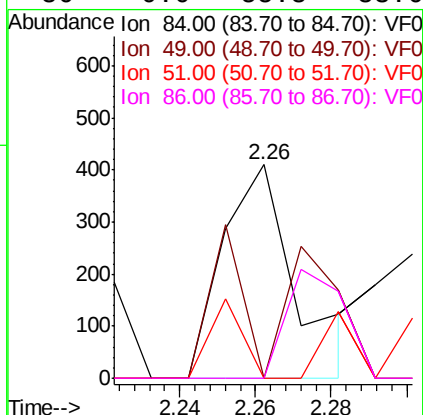
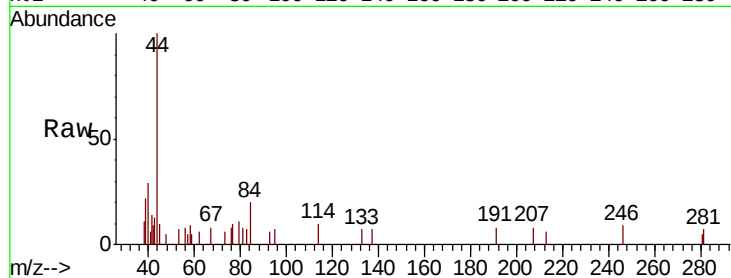




#20
Methvlene Chloride
Concen: 10.51 ug/l
RT: 2.26 min Scan# 165
Delta R.T. -0.01 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

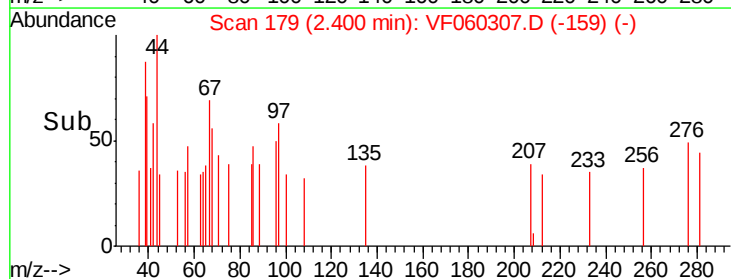
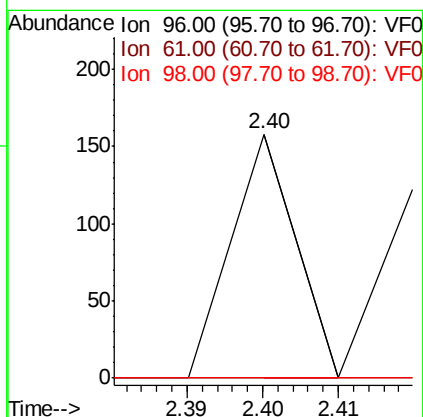
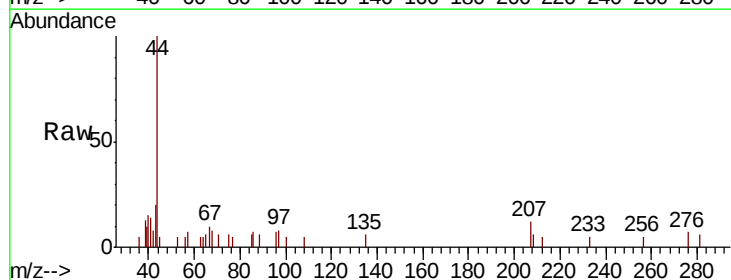
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

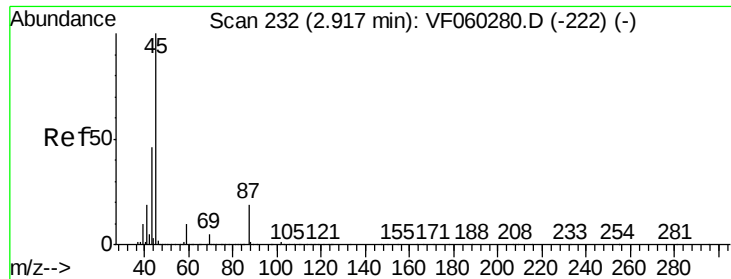
Tot Ion: 84 Resp: 544
Ion Ratio Lower Upper
84 100
49 0.0 118.3 177.5#
51 0.0 38.7 58.1#
86 0.0 55.8 83.6#



#21
trans-1,2-Dichloroethene
Concen: 2.44 ug/l
RT: 2.40 min Scan# 179
Delta R.T. -0.00 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion: 96 Resp: 93
Ion Ratio Lower Upper
96 100
61 0.0 136.4 204.6#
98 0.0 51.8 77.6#

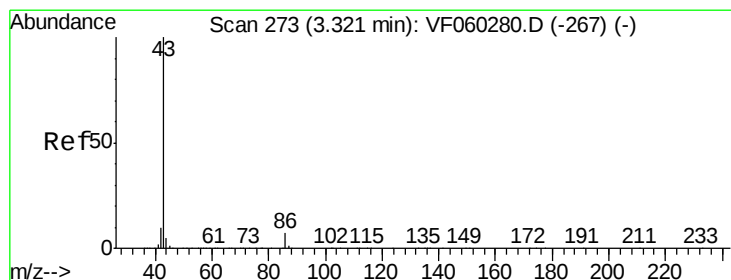
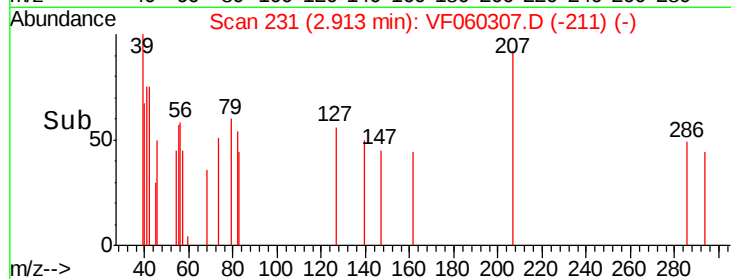
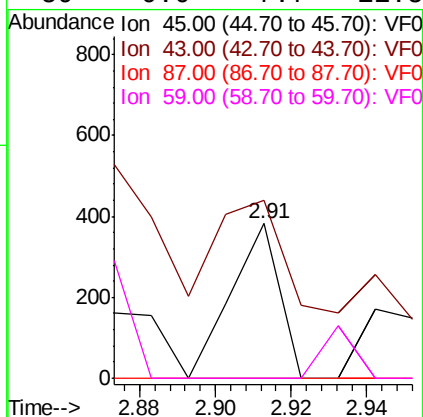
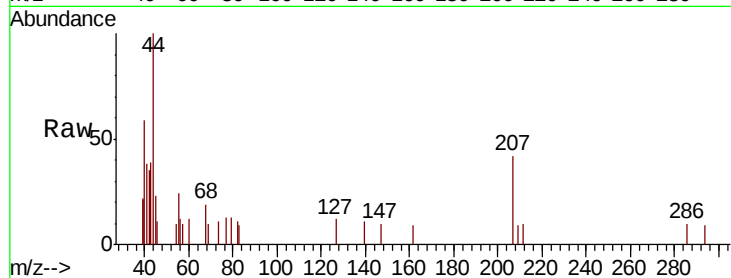




#22
Diisopropyl ether
Concen: 2.75 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.00 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

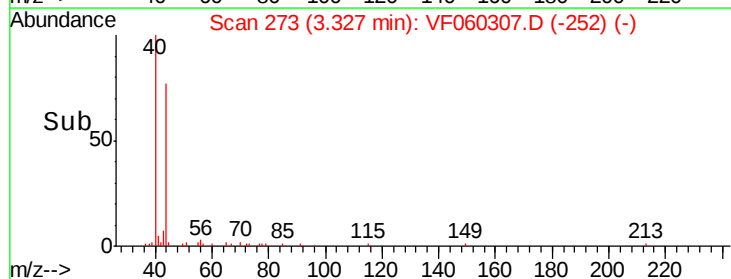
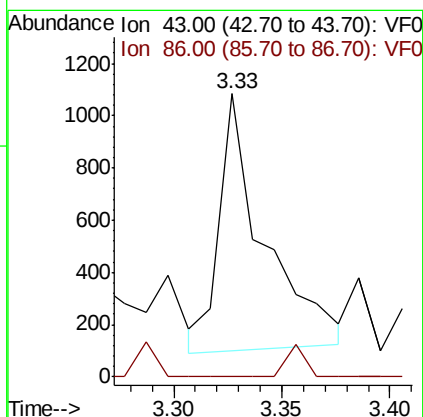
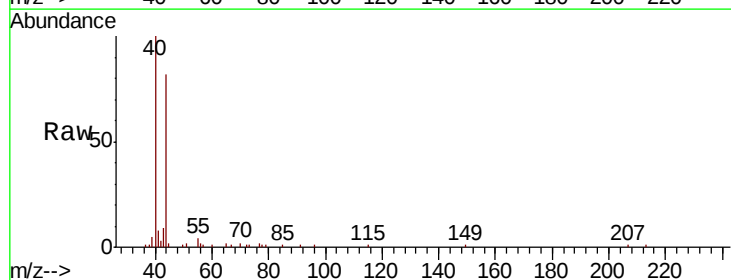
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

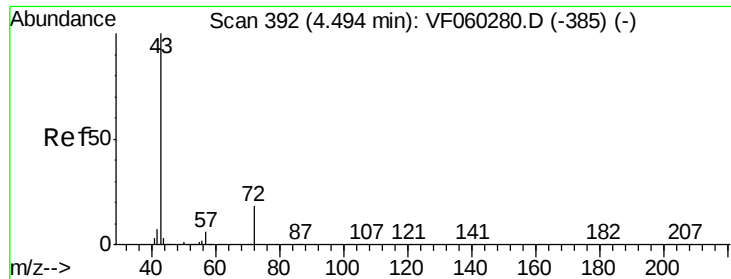
Tot Ion:	45	Resp:	334
Ion	Ratio	Lower	Upper
45	100		
43	114.9	38.2	57.2#
87	0.0	15.5	23.3#
59	0.0	7.7	11.5#



#23
Vinyl Acetate
Concen: 29.93 ug/l
RT: 3.33 min Scan# 273
Delta R.T. 0.01 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion:	43	Resp:	1428
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#





#25

2-Butanone

Concen: 78.98 ug/l

RT: 4.46 min Scan# 388

Delta R.T. -0.03 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

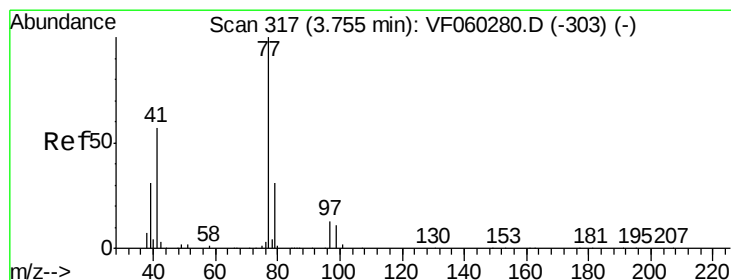
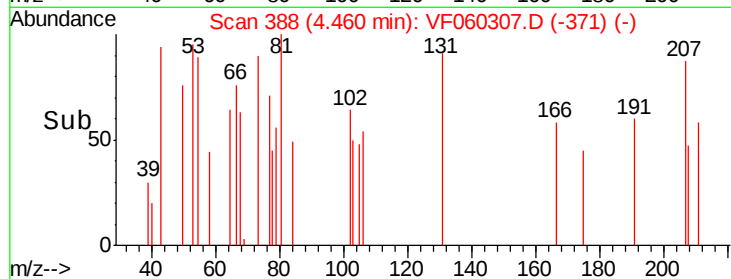
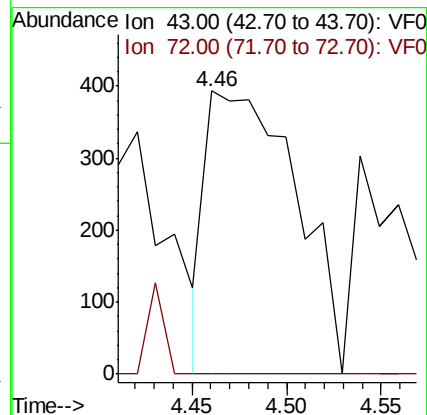
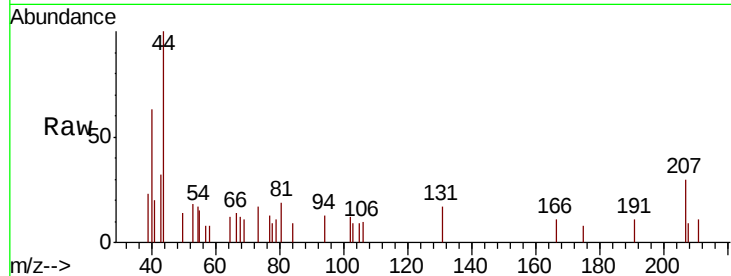
NB-PIT-2

Tot Ion: 43 Resp: 1307

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.2#



#26

2,2-Dichloropropane

Concen: 2.60 ug/l

RT: 3.77 min Scan# 318

Delta R.T. 0.02 min

Lab File: VF060307.D

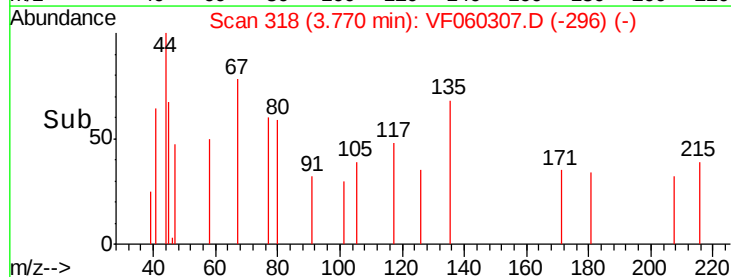
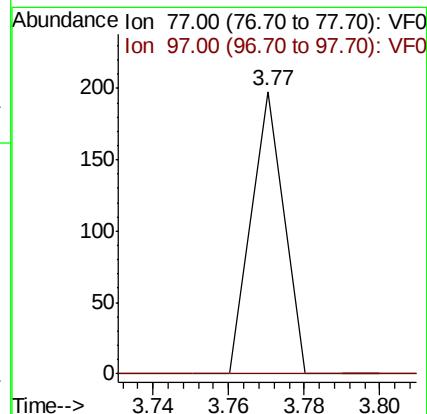
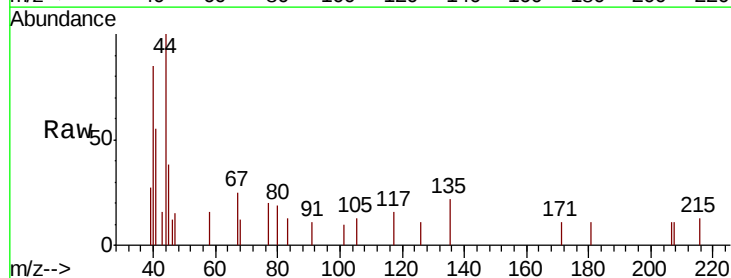
Acq: 20 Sep 2018 19:48

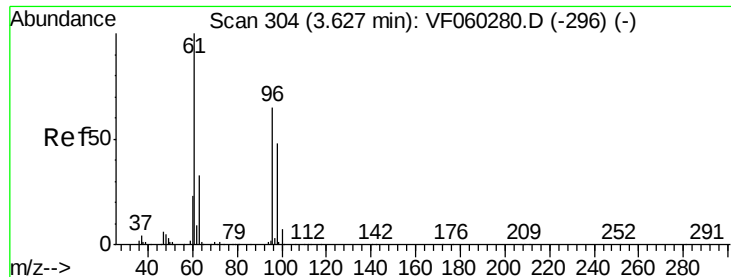
Tgt Ion: 77 Resp: 117

Ion Ratio Lower Upper

77 100

97 0.0 9.3 27.9#





#27

cis-1,2-Dichloroethene

Concen: 5.81 ug/l

RT: 3.59 min Scan# 300

Delta R.T. -0.03 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

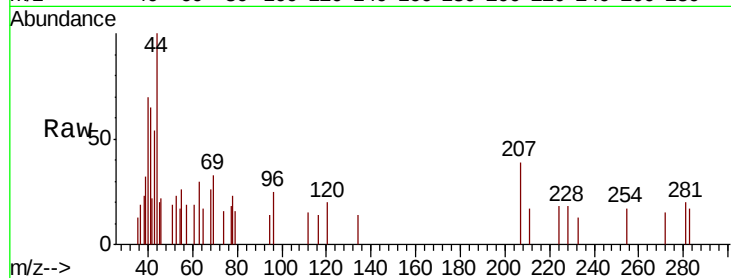
Tot Ion: 96 Resp: 291

Ion Ratio Lower Upper

96 100

61 0.0 0.0 304.8

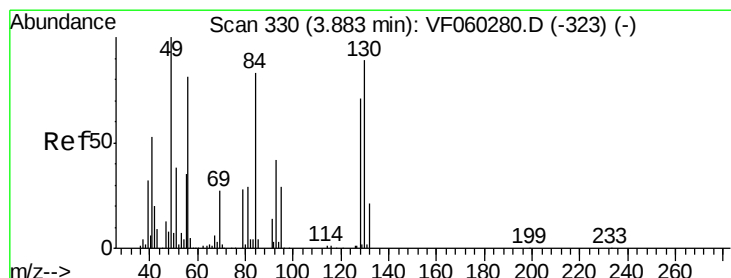
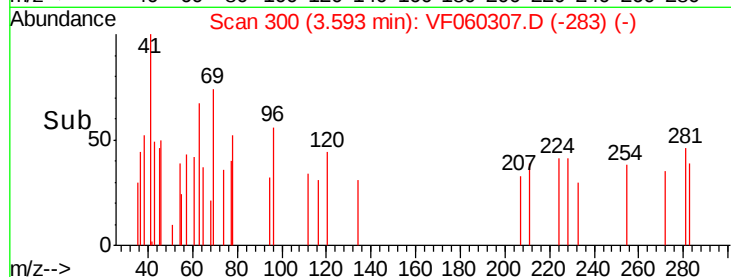
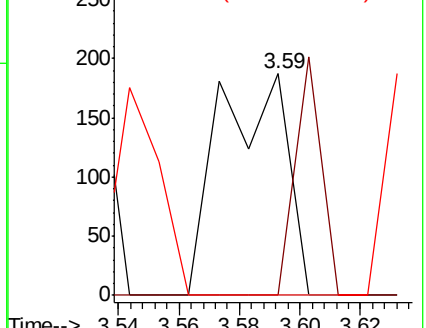
98 0.0 0.0 146.4



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane

Concen: 2.15 ug/l

RT: 3.79 min Scan# 320

Delta R.T. -0.09 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

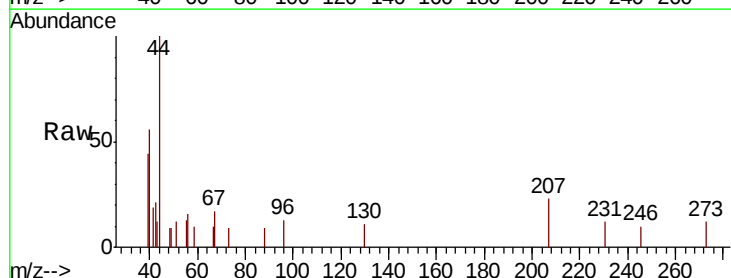
Tgt Ion: 49 Resp: 66

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

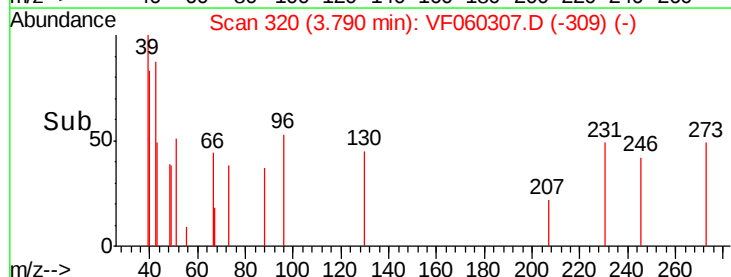
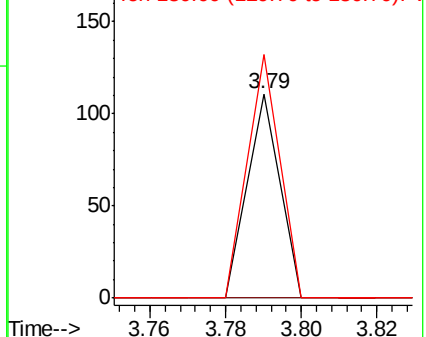
130 118.9 70.3 105.5#

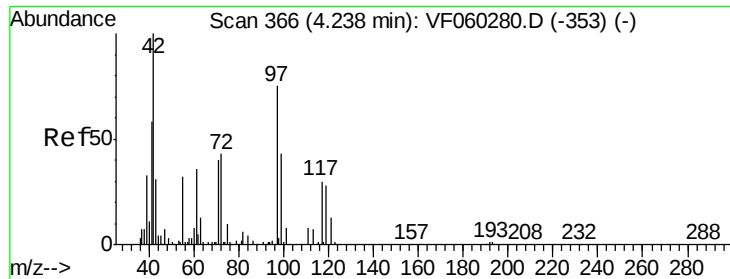


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V

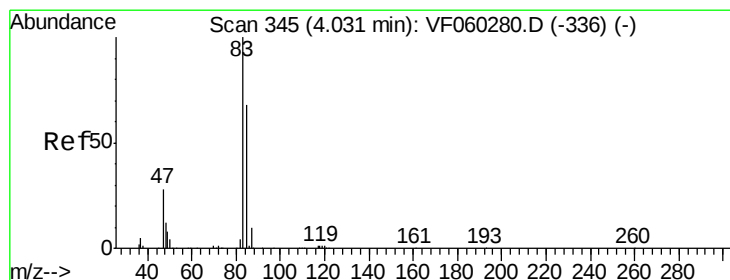
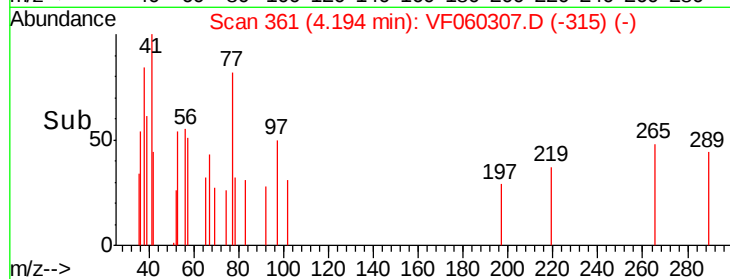
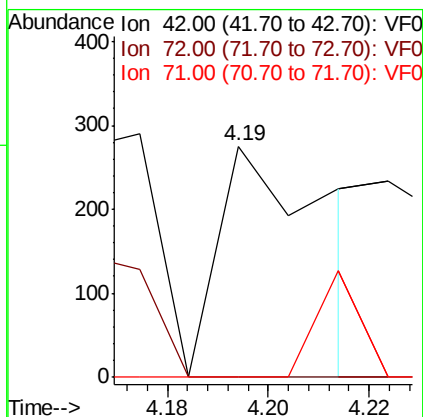
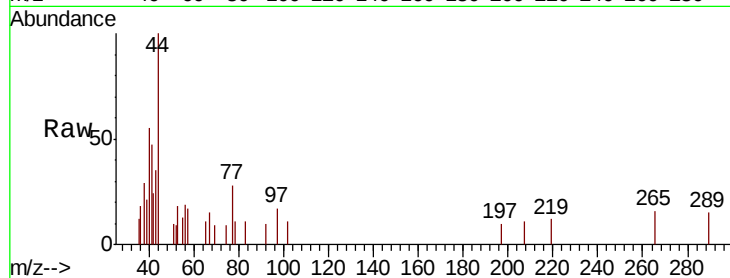




#29
Tetrahydrofuran
Concen: 67.49 ug/l
RT: 4.19 min Scan# 361
Delta R.T. -0.04 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

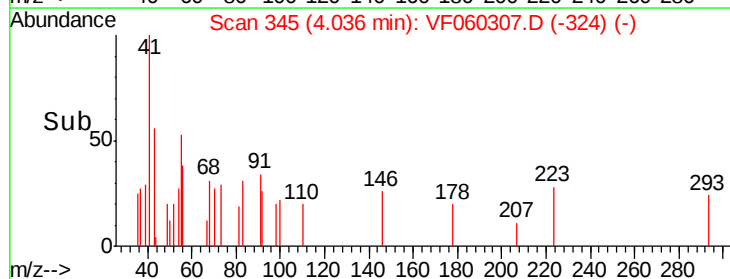
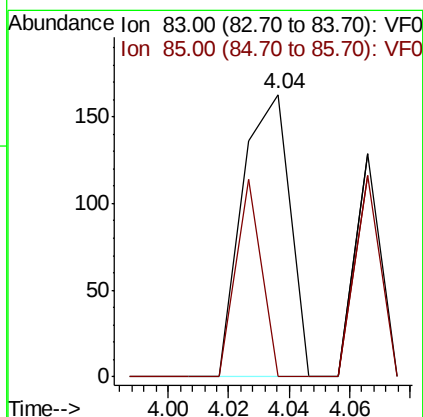
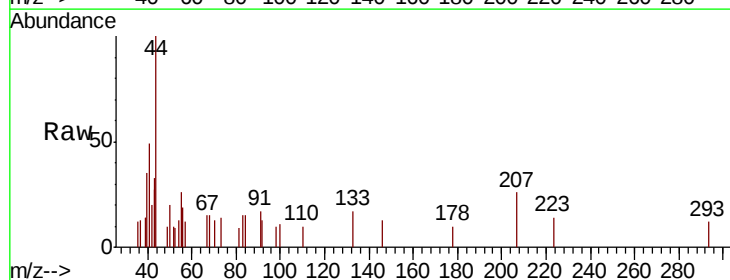
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

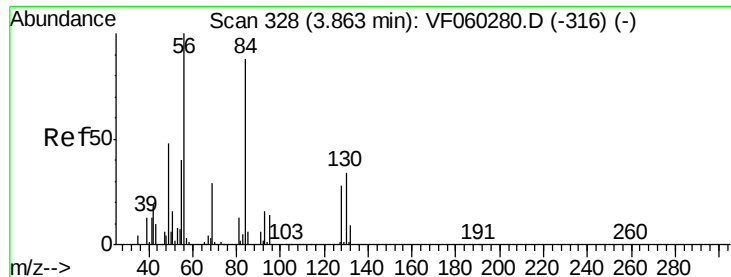
Tot Ion: 42 Resp: 409
Ion Ratio Lower Upper
42 100
72 0.0 32.6 49.0#
71 18.3 32.7 49.1#



#30
Chloroform
Concen: 1.86 ug/l
RT: 4.04 min Scan# 345
Delta R.T. 0.01 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion: 83 Resp: 177
Ion Ratio Lower Upper
83 100
85 0.0 54.9 82.3#





#31

Cyclohexane

Concen: 4.99 ug/l

RT: 3.87 min Scan# 328

Delta R.T. 0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampled :

NB-PIT-2

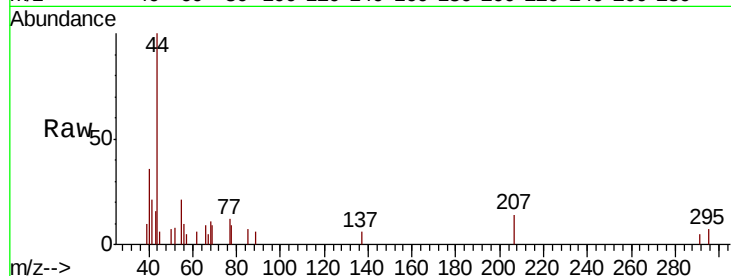
Tot Ion: 56 Resp: 332

Ion Ratio Lower Upper

56 100

69 97.8 23.8 35.6#

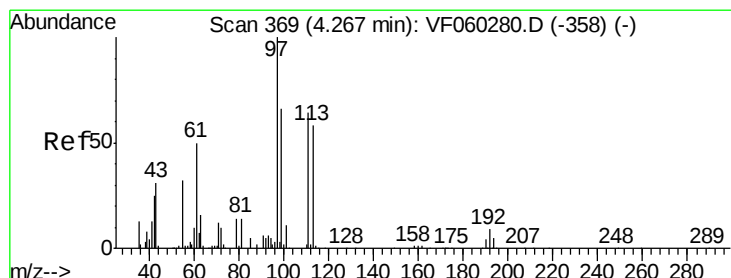
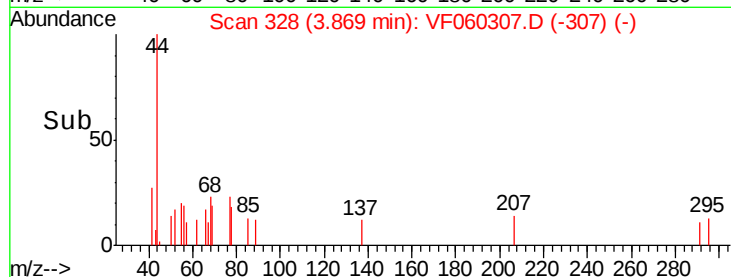
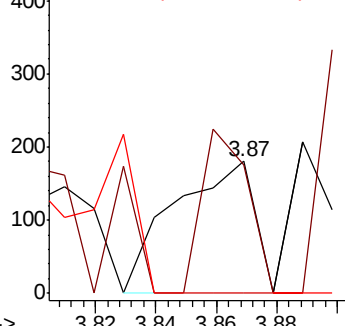
84 0.0 70.2 105.4#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 2.99 ug/l

RT: 4.22 min Scan# 364

Delta R.T. -0.04 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

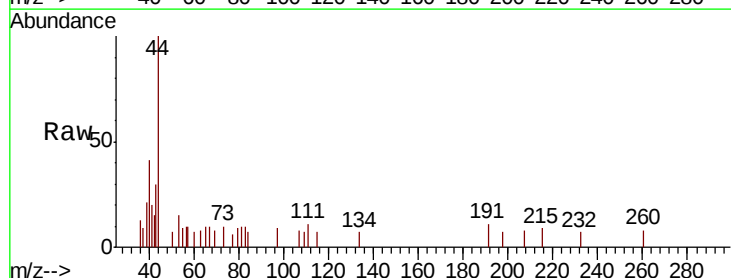
Tgt Ion: 97 Resp: 224

Ion Ratio Lower Upper

97 100

99 0.0 53.0 79.4#

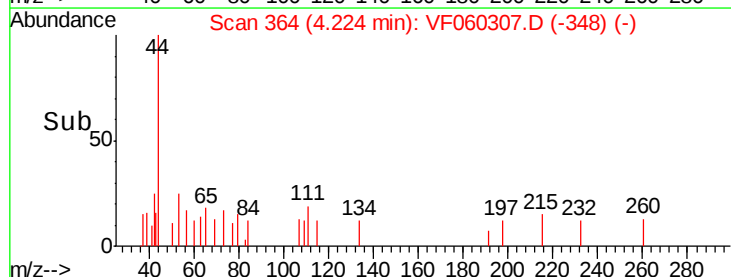
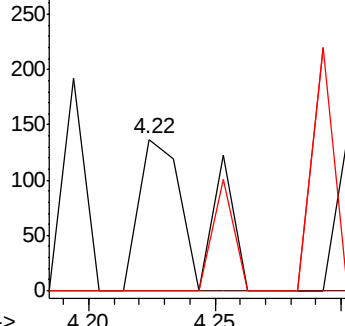
61 0.0 40.6 61.0#

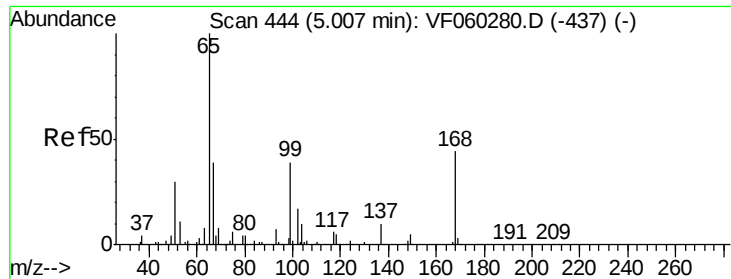


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 10.49 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.00 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

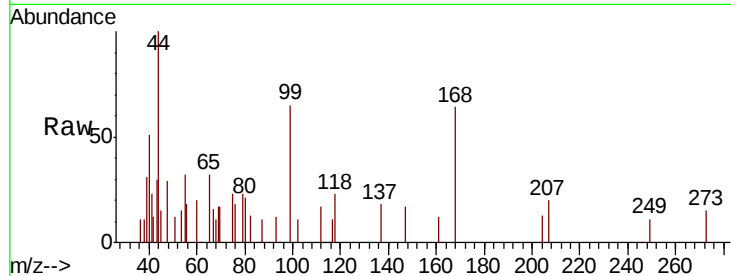
NB-PIT-2

Tot Ion: 65 Resp: 458

Ion Ratio Lower Upper

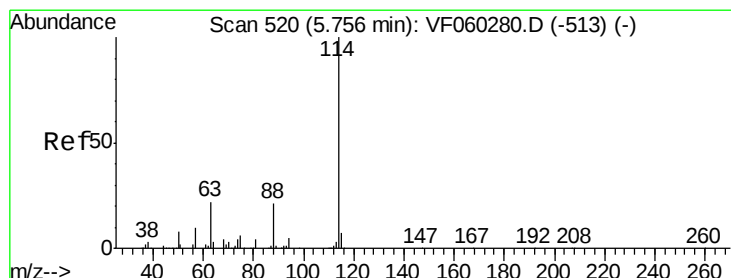
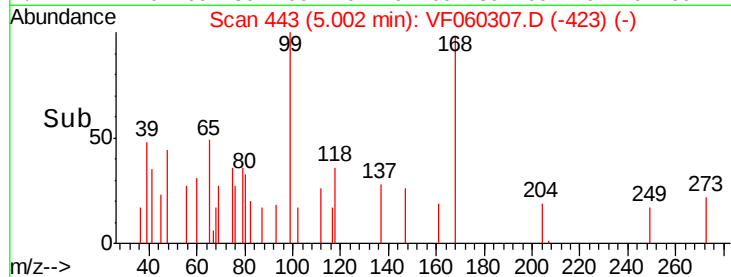
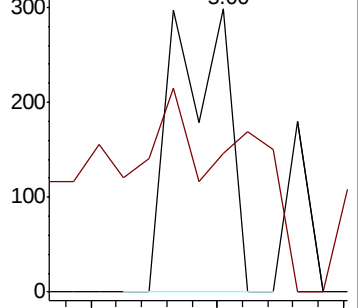
65 100

67 49.0 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.43 min Scan# 486

Delta R.T. -0.33 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

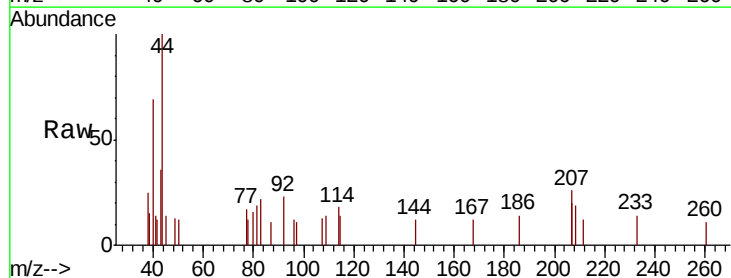
Tgt Ion:114 Resp: 174

Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.8

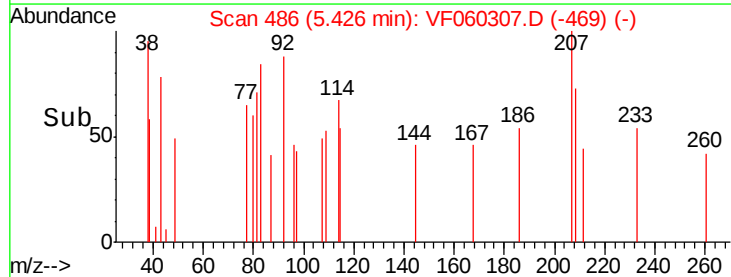
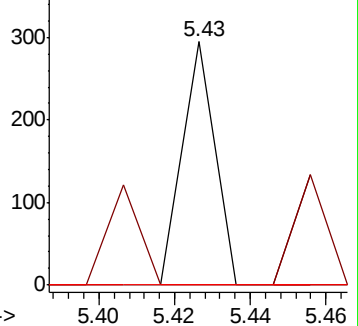
88 0.0 0.0 41.2

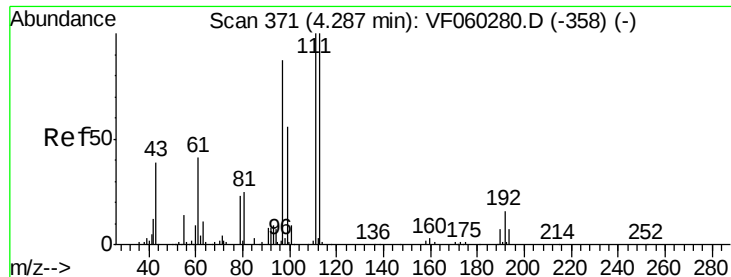


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 38.04 ug/l

RT: 4.10 min Scan# 351

Delta R.T. -0.19 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampled :

NB-PIT-2

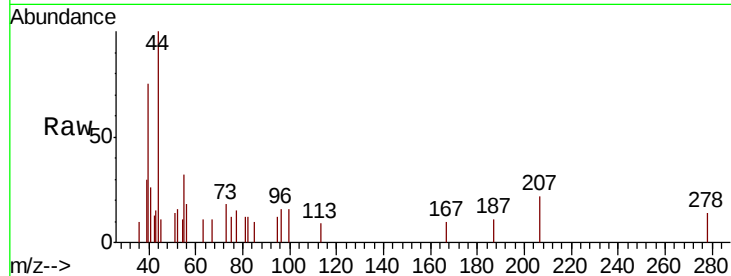
Tot Ion:113 Resp: 59

Ion Ratio Lower Upper

113 100

111 0.0 79.6 119.4#

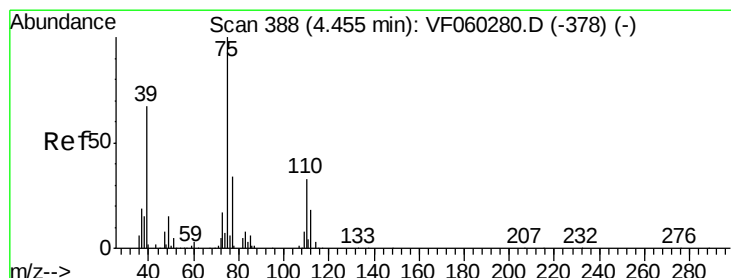
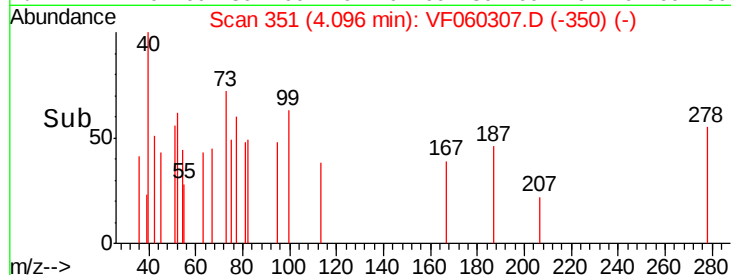
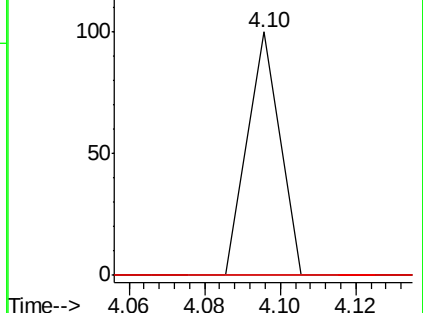
192 0.0 13.0 19.6#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 39.62 ug/l

RT: 4.20 min Scan# 362

Delta R.T. -0.25 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

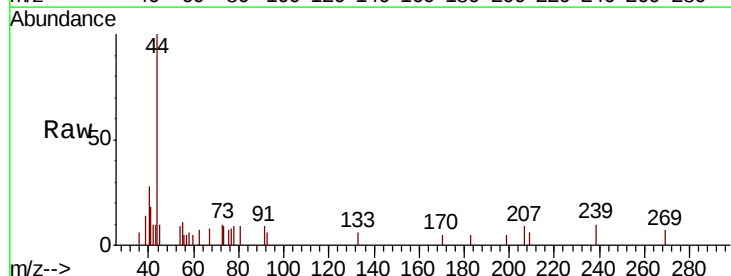
Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.2#

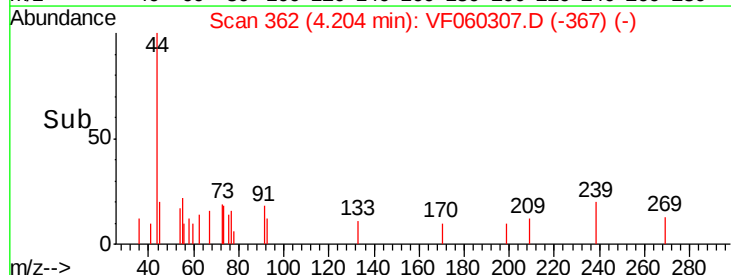
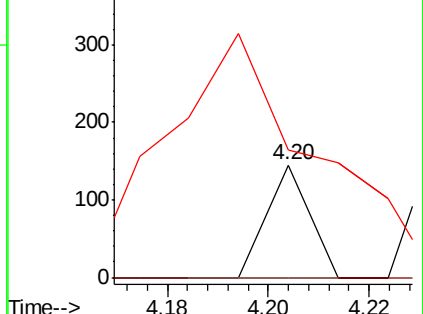
77 113.1 27.3 40.9#

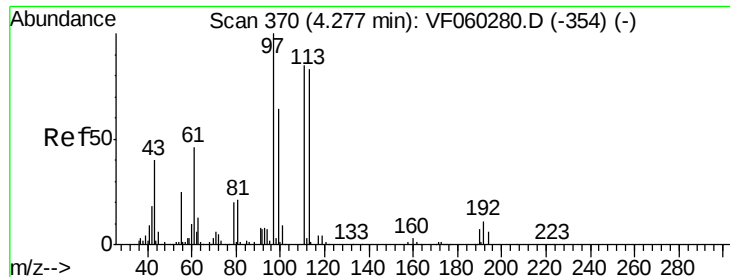


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

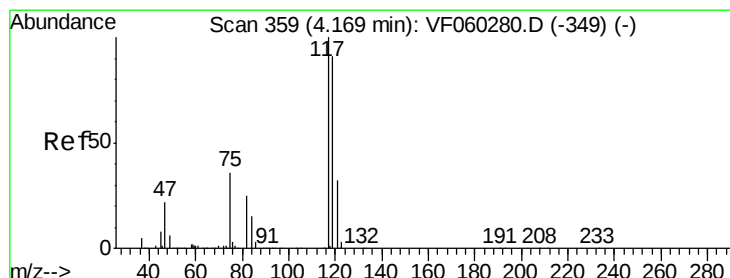
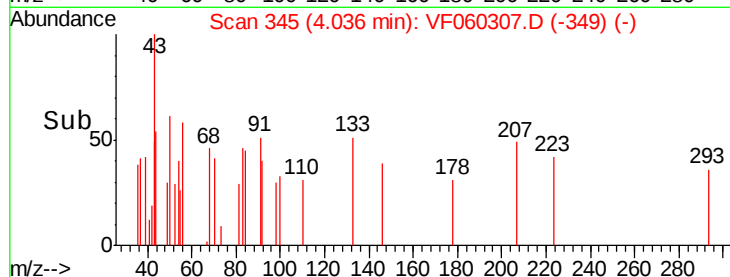
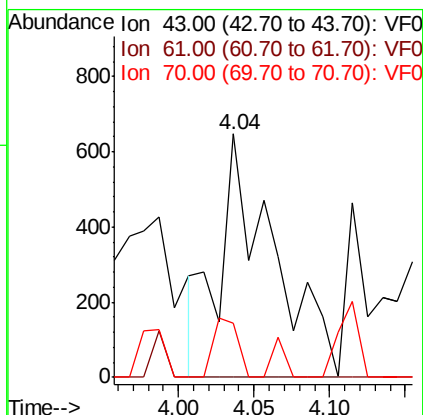
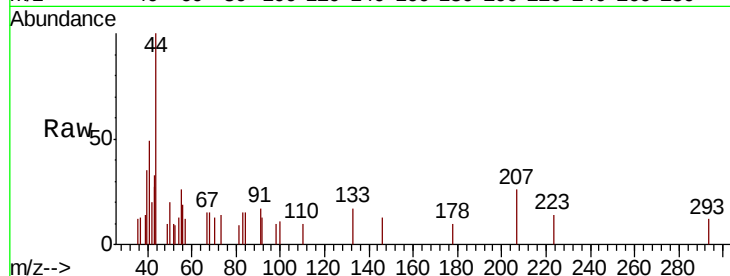




#37
Ethyl Acetate
Concen: 1756.39 ug/l
RT: 4.04 min Scan# 345
Delta R.T. -0.24 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

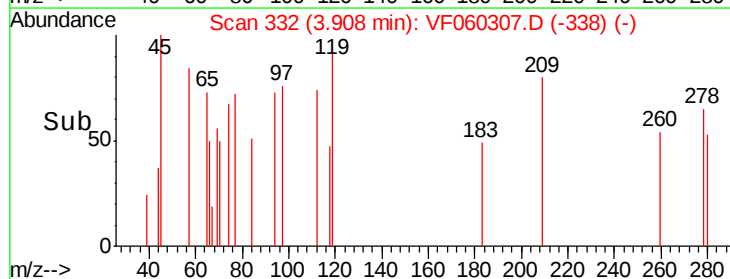
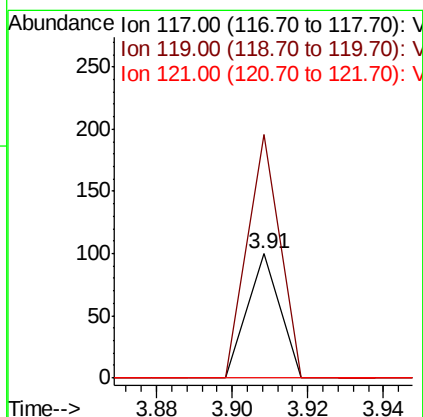
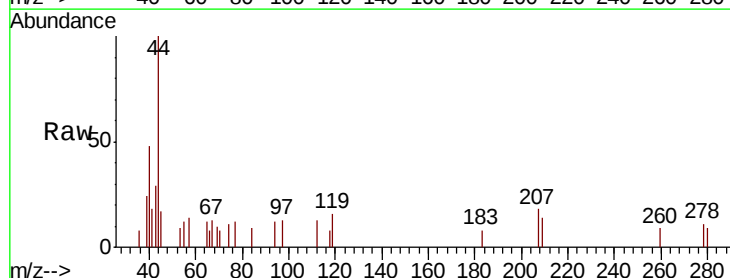
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

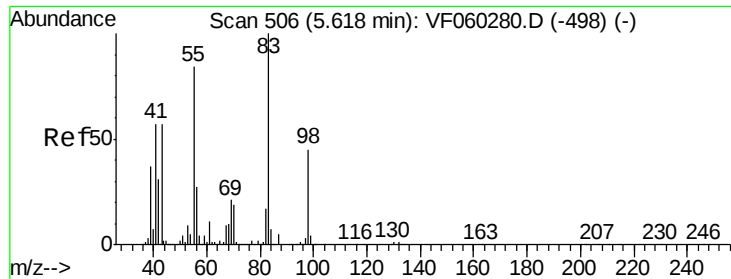
Tot Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
61 0.0 91.1 136.7#
70 22.1 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 25.31 ug/l
RT: 3.91 min Scan# 332
Delta R.T. -0.26 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion: 117 Resp: 59
Ion Ratio Lower Upper
117 100
119 196.0 73.0 109.6#
121 0.0 25.4 38.2#





#39

Methylcyclohexane

Concen: 98.20 ug/l

RT: 5.36 min Scan# 479

Delta R.T. -0.26 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

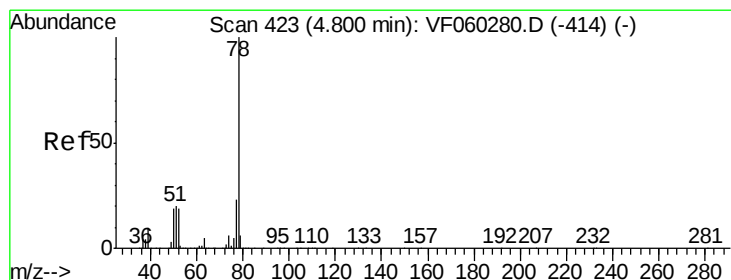
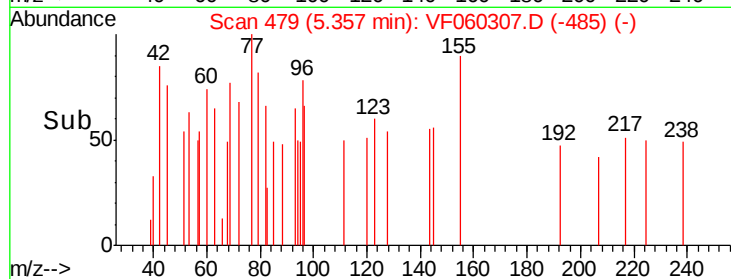
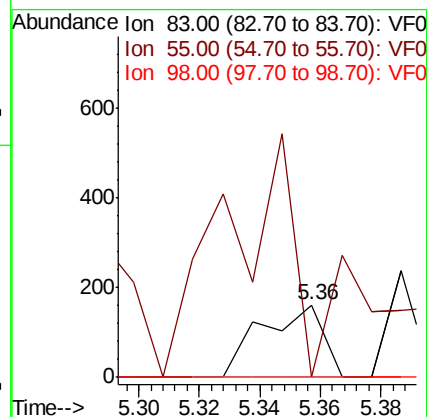
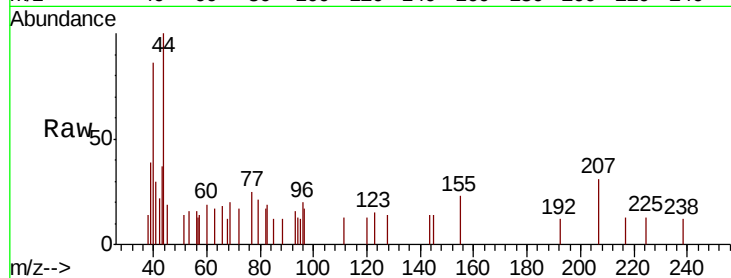
Tot Ion: 83 Resp: 231

Ion Ratio Lower Upper

83 100

55 0.0 67.3 100.9#

98 0.0 36.1 54.1#



#40

Benzene

Concen: 27.23 ug/l

RT: 4.51 min Scan# 393

Delta R.T. -0.29 min

Lab File: VF060307.D

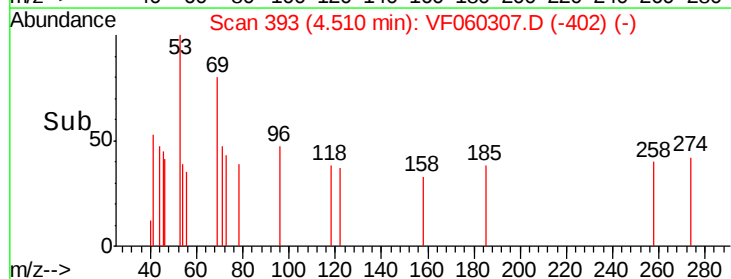
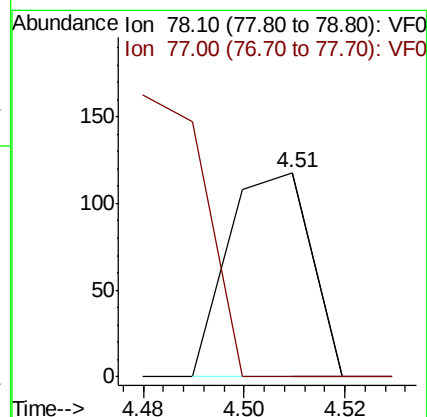
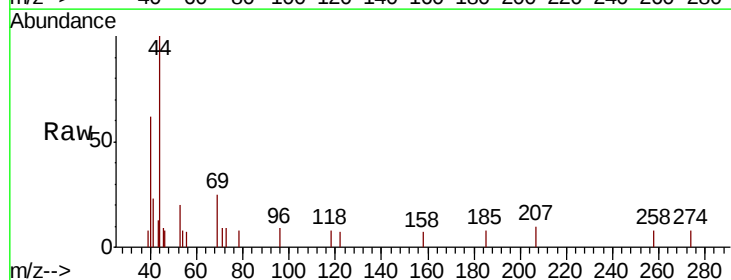
Acq: 20 Sep 2018 19:48

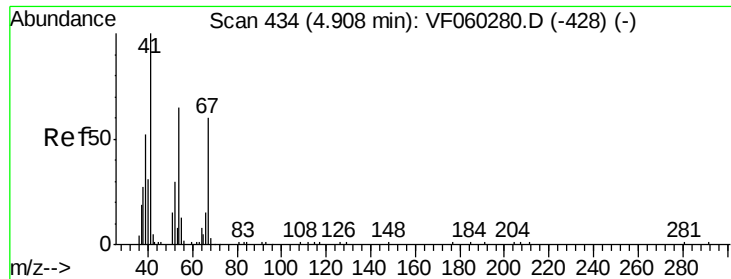
Tgt Ion: 78 Resp: 134

Ion Ratio Lower Upper

78 100

77 0.0 18.4 27.6#

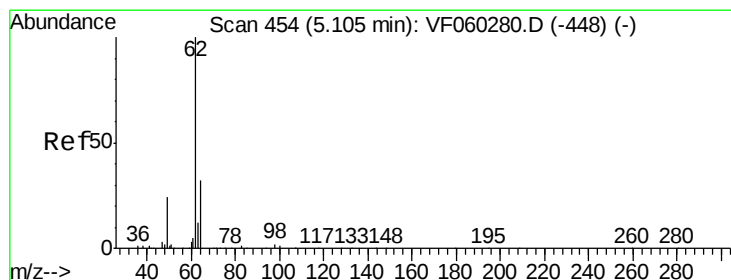
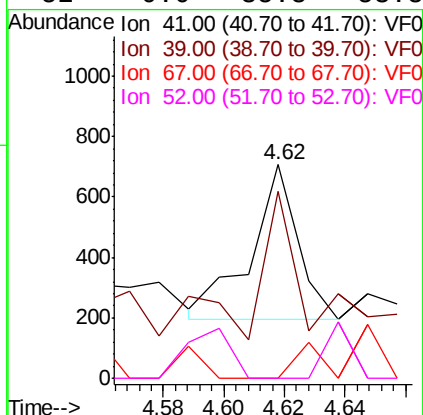
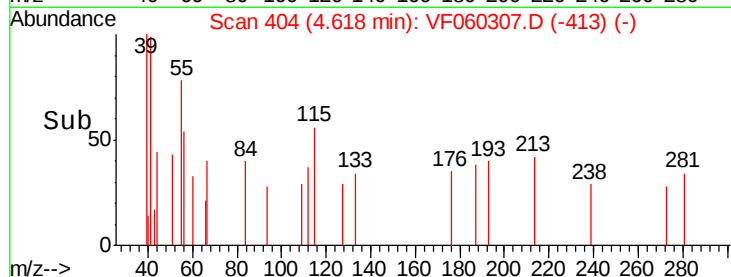
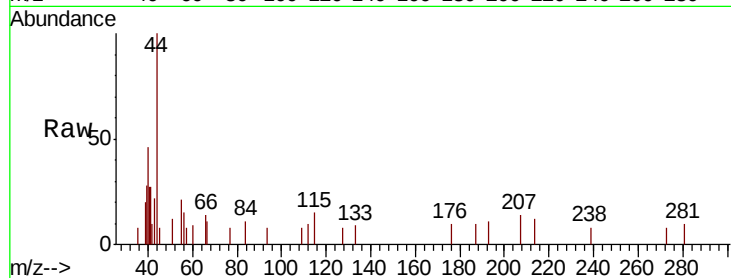




#41
Methacrylonitrile
Concen: 1107.72 ug/l
RT: 4.62 min Scan# 404
Delta R.T. -0.29 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

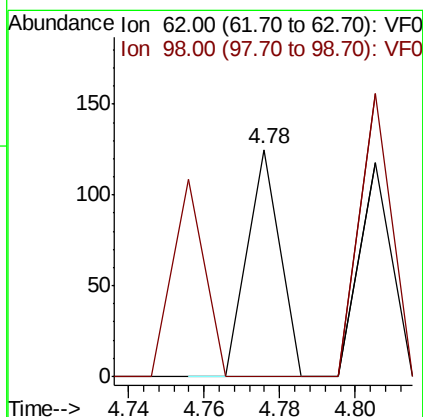
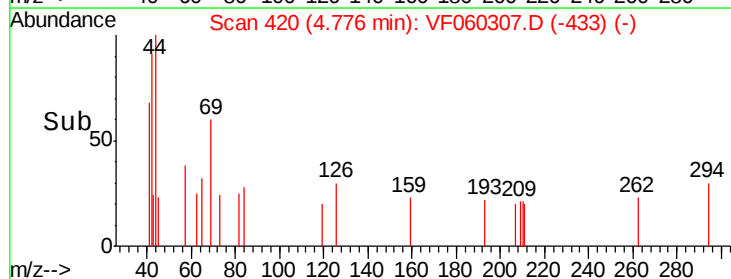
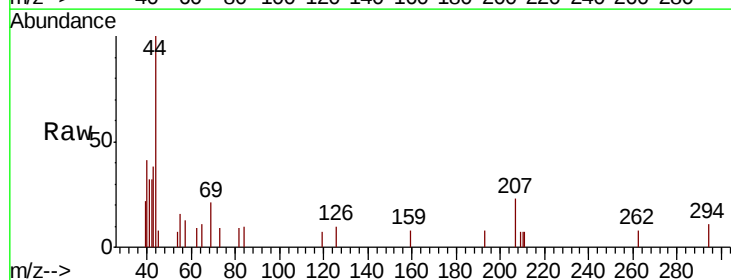
Instrument :
MSVOA_F
ClientSampled :
NB-PIT-2

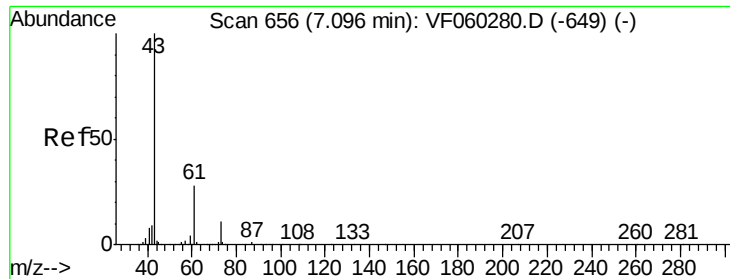
Tot Ion:	41	Resp:	552
Ion	Ratio	Lower	Upper
41	100		
39	87.3	49.1	73.7#
67	0.0	48.2	72.4#
52	0.0	35.8	53.8#



#42
1,2-Dichloroethane
Concen: 40.85 ug/l
RT: 4.78 min Scan# 420
Delta R.T. -0.33 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion:	62	Resp:	74
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	14.4



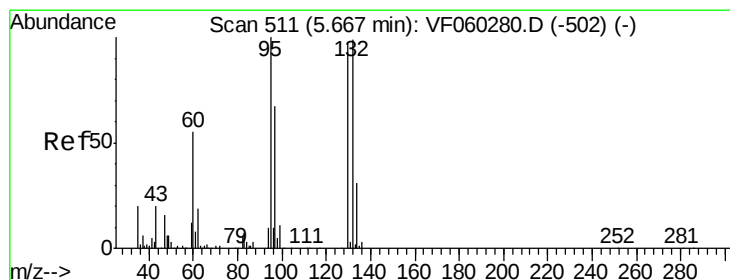
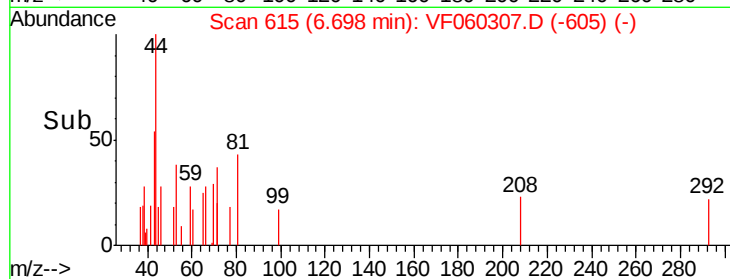
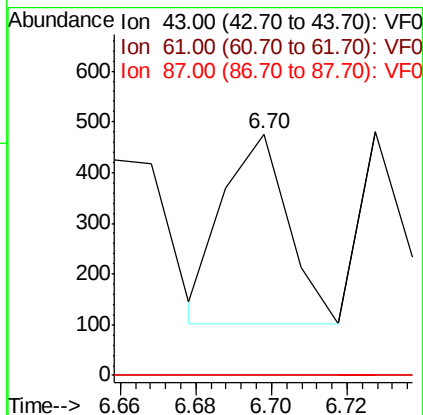
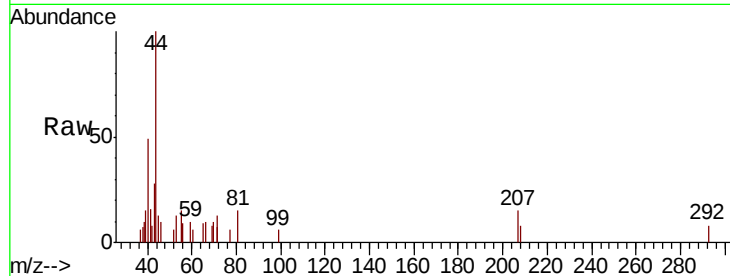


#43

Isopropyl Acetate
 Concen: 404.31 ug/l
 RT: 6.70 min Scan# 615
 Delta R.T. -0.40 min
 Lab File: VF060307.D
 Acq: 20 Sep 2018 19:48

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-PIT-2

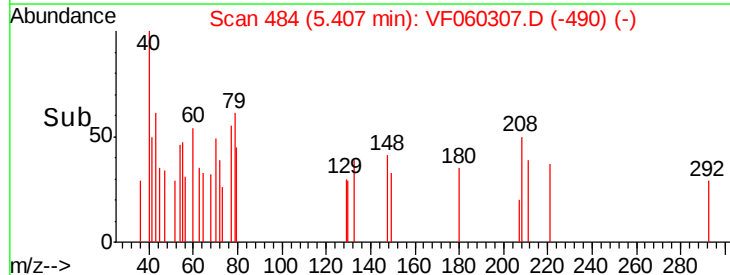
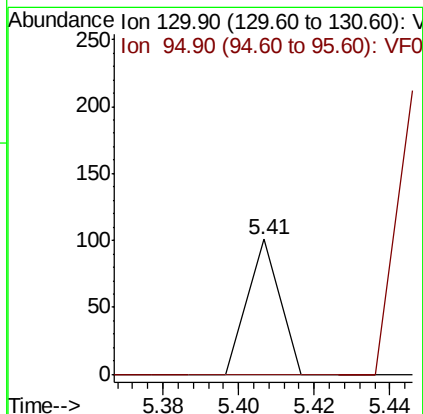
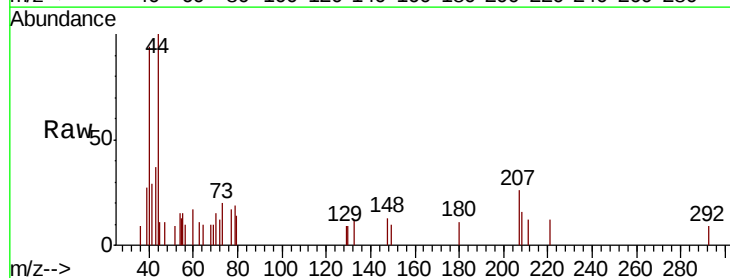
Tot Ion: 43 Resp: 447
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.4 33.6#
 87 0.0 0.6 0.8#

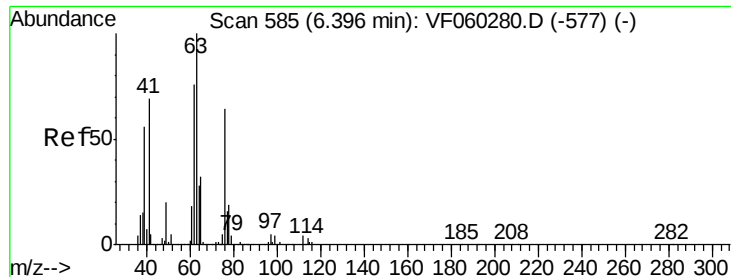


#44

Trichloroethene
 Concen: 40.97 ug/l
 RT: 5.41 min Scan# 484
 Delta R.T. -0.26 min
 Lab File: VF060307.D
 Acq: 20 Sep 2018 19:48

Tgt Ion: 130 Resp: 60
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 205.6





#45

1,2-Dichloropropane

Concen: 68.31 ug/l

RT: 6.05 min Scan# 549

Delta R.T. -0.35 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

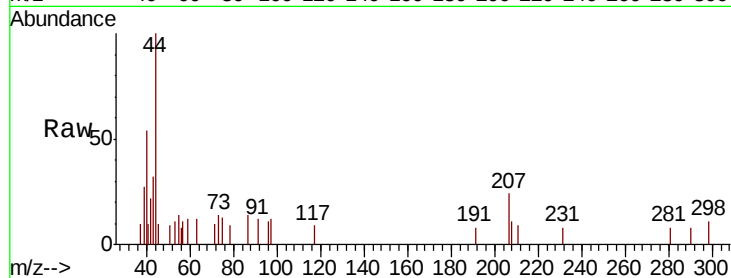
NB-PIT-2

Tot Ion: 63 Resp: 87

Ion Ratio Lower Upper

63 100

65 0.0 26.2 39.4#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.05

150

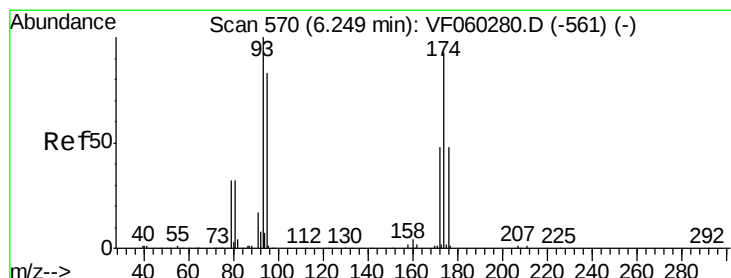
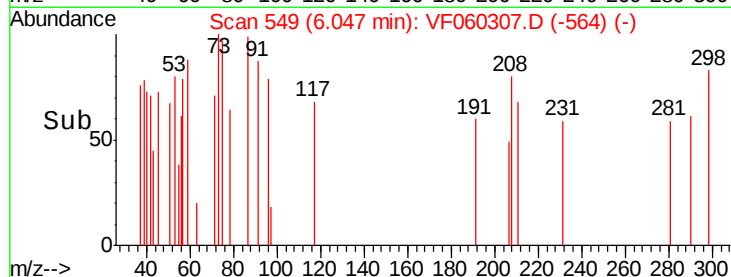
100

50

0

6.02 6.04 6.06 6.08

Time-->



#46

Dibromomethane

Concen: 70.30 ug/l

RT: 5.88 min Scan# 532

Delta R.T. -0.37 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

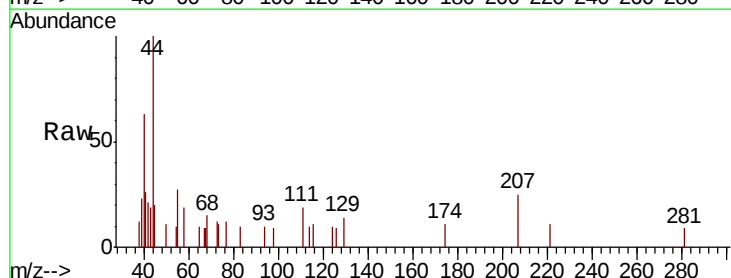
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

93 100

95 0.0 67.0 100.6#

174 114.7 74.8 112.2#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

150

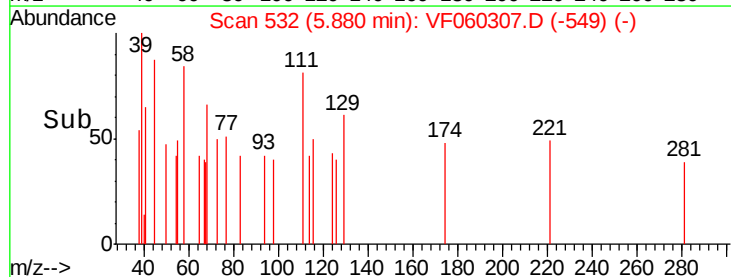
100

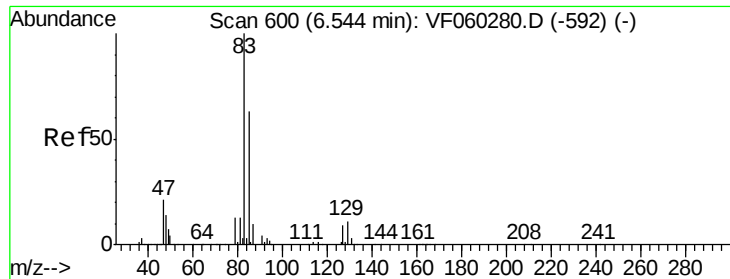
50

0

5.86 5.88 5.90

Time-->





#47

Bromodichloromethane

Concen: 66.73 ug/l

RT: 6.22 min Scan# 567

Delta R.T. -0.32 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

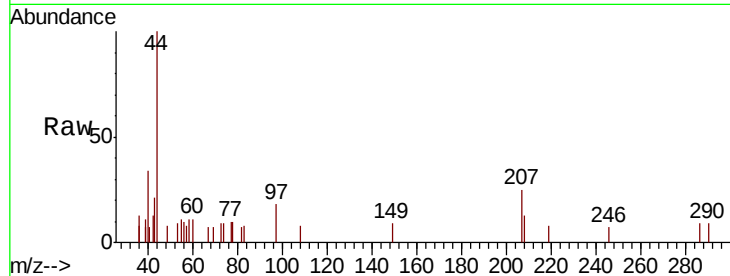
Tot Ion: 83 Resp: 146

Ion Ratio Lower Upper

83 100

85 0.0 50.6 76.0#

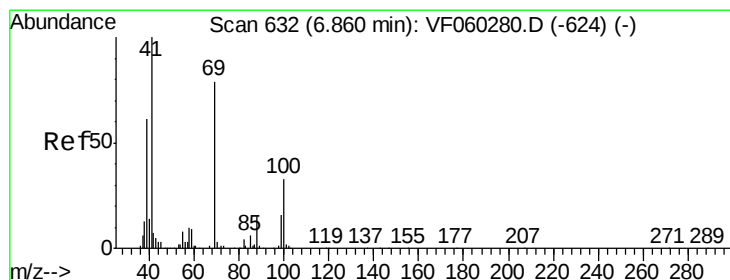
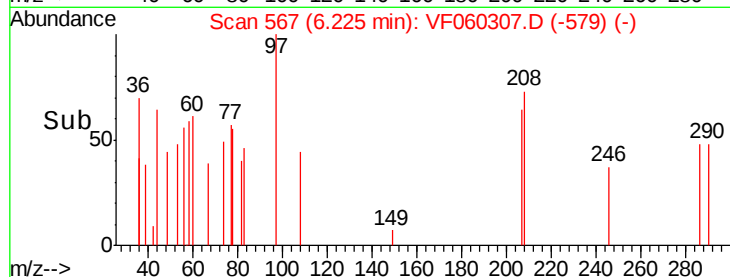
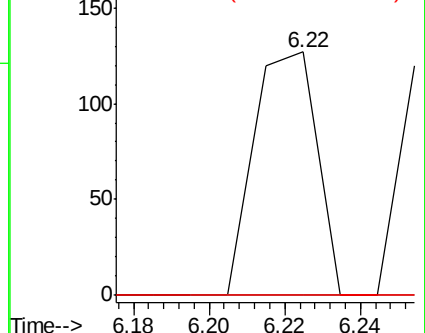
127 0.0 7.1 10.7#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 762.80 ug/l

RT: 6.51 min Scan# 596

Delta R.T. -0.35 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

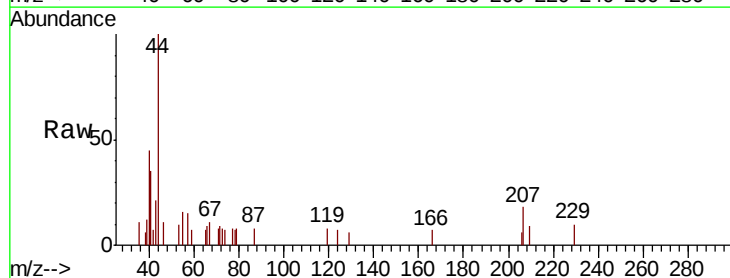
Tgt Ion: 41 Resp: 592

Ion Ratio Lower Upper

41 100

69 0.0 62.6 94.0#

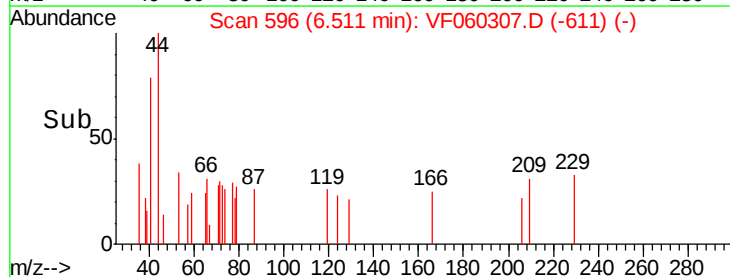
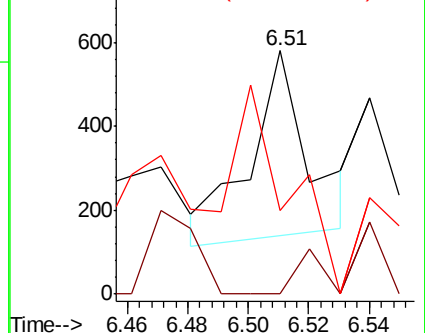
39 34.3 49.1 73.7#

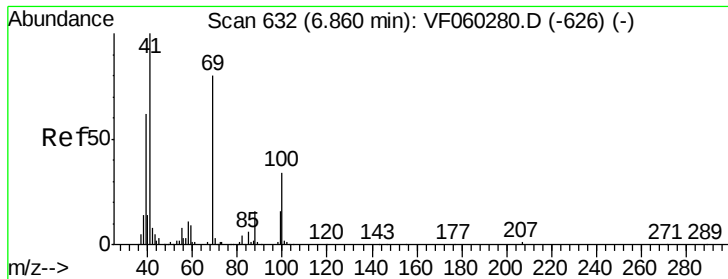


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 20480.28 ug/l

RT: 6.19 min Scan# 563

Delta R.T. -0.67 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

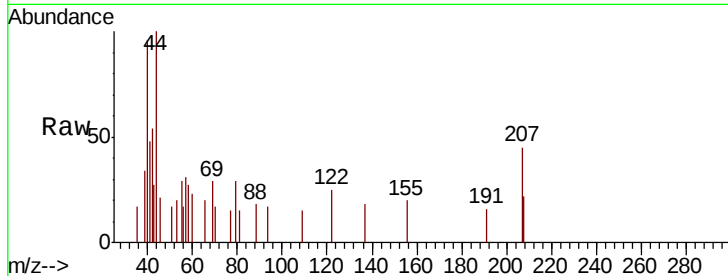
Tot Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 150.0 40.2 60.4#

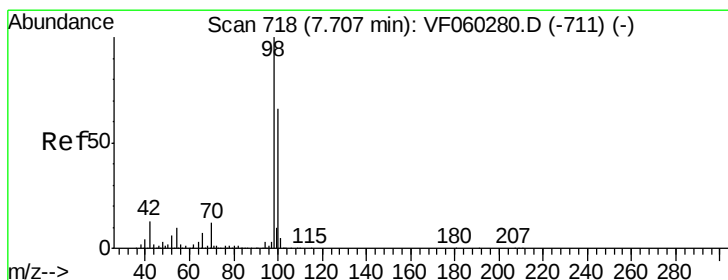
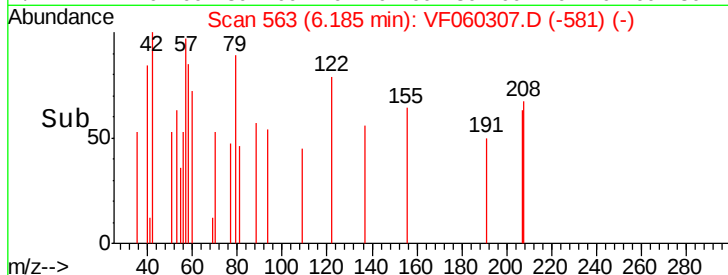
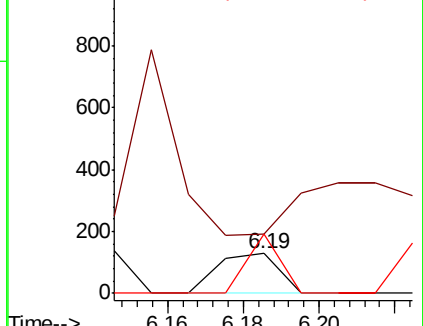
58 150.0 56.7 85.1#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 25.50 ug/l

RT: 7.25 min Scan# 671

Delta R.T. -0.46 min

Lab File: VF060307.D

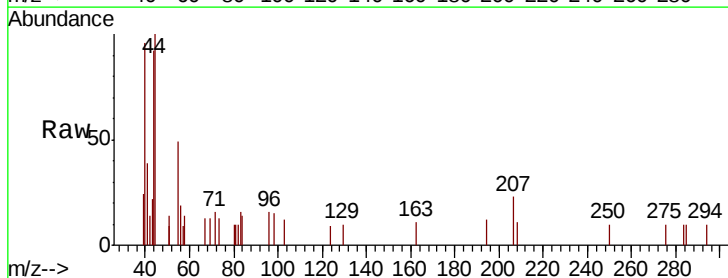
Acq: 20 Sep 2018 19:48

Tgt Ion: 98 Resp: 103

Ion Ratio Lower Upper

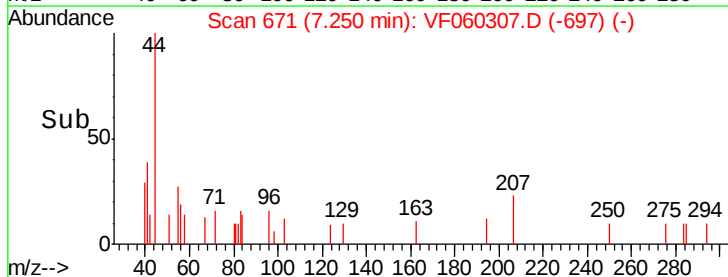
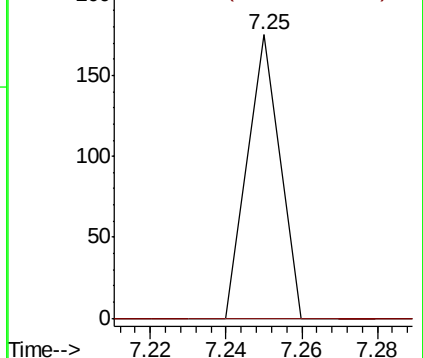
98 100

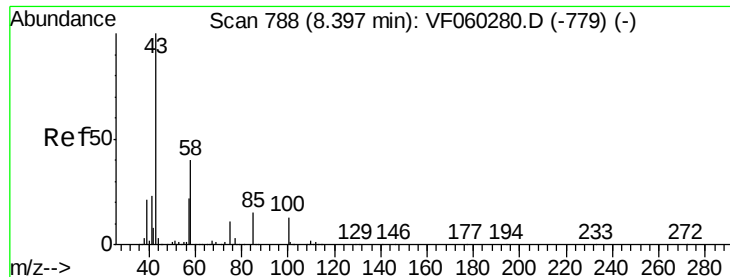
100 0.0 53.0 79.6#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 658.36 ug/l

RT: 7.94 min Scan# 741

Delta R.T. -0.46 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

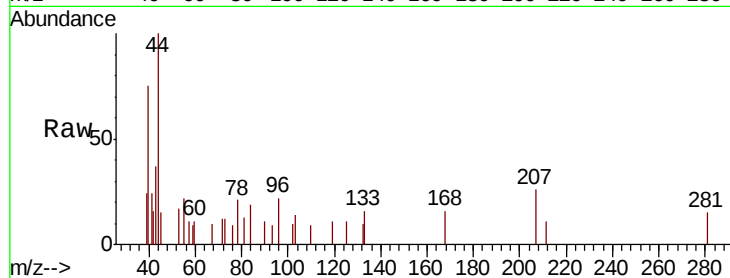
NB-PIT-2

Tot Ion: 43 Resp: 561

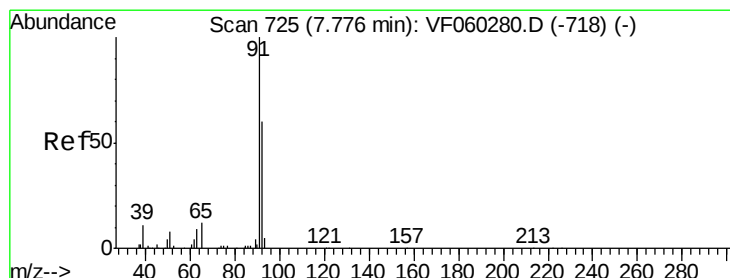
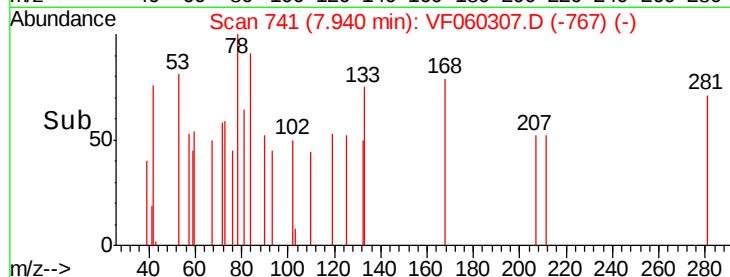
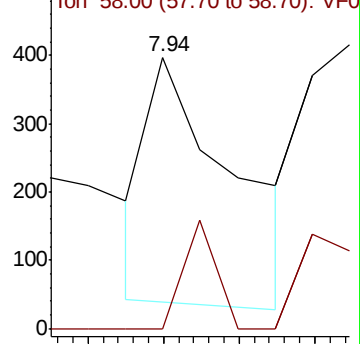
Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0



#52

Toluene

Concen: 49.46 ug/l

RT: 7.35 min Scan# 681

Delta R.T. -0.43 min

Lab File: VF060307.D

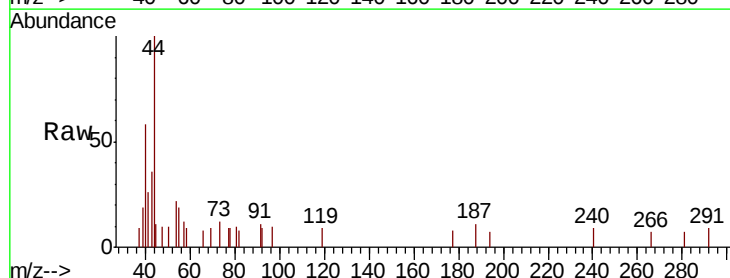
Acq: 20 Sep 2018 19:48

Tgt Ion: 92 Resp: 154

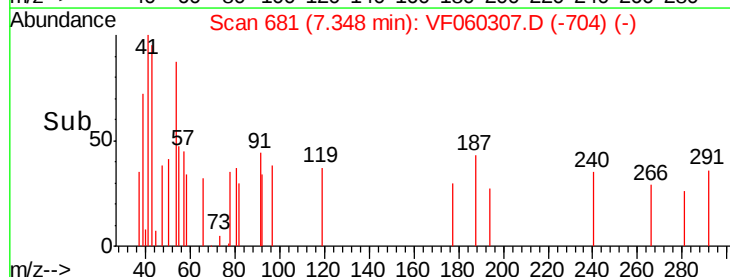
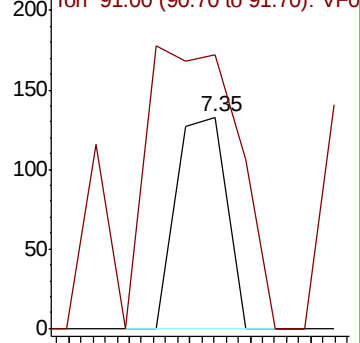
Ion Ratio Lower Upper

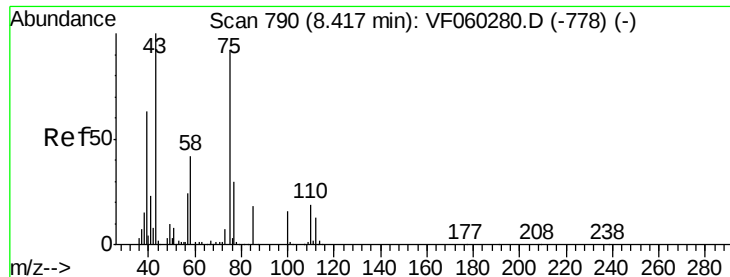
92 100

91 129.3 133.3 199.9#



Abundance Ion 92.00 (91.70 to 92.70): VF0





#53

t-1,3-Dichloropropene

Concen: 34.56 ug/l

RT: 7.88 min Scan# 735

Delta R.T. -0.54 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampled :

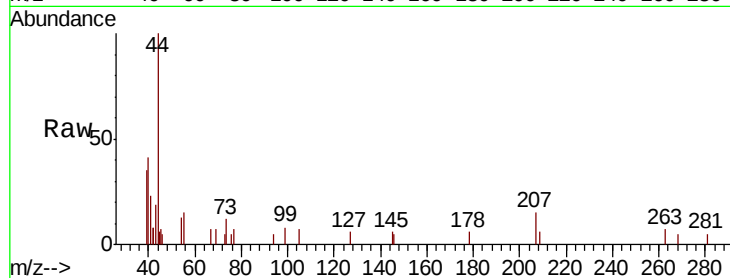
NB-PIT-2

Tot Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

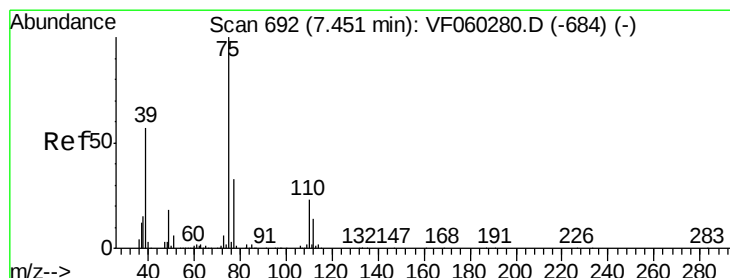
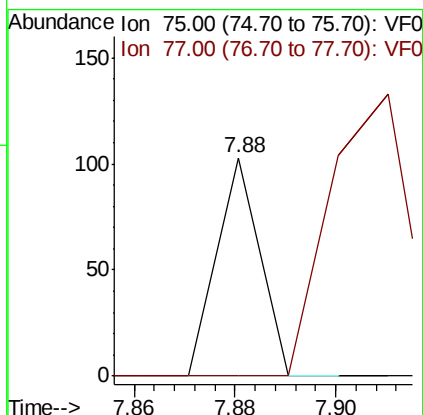
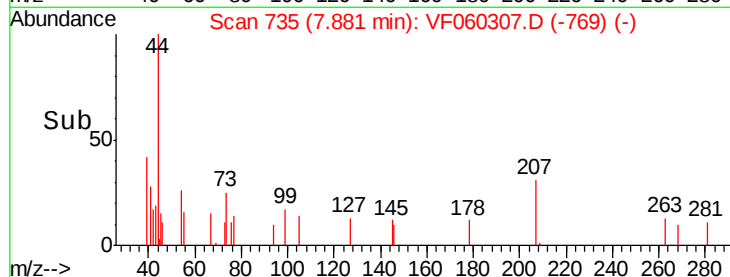
77 0.0 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.53 ug/l

RT: 6.96 min Scan# 642

Delta R.T. -0.49 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

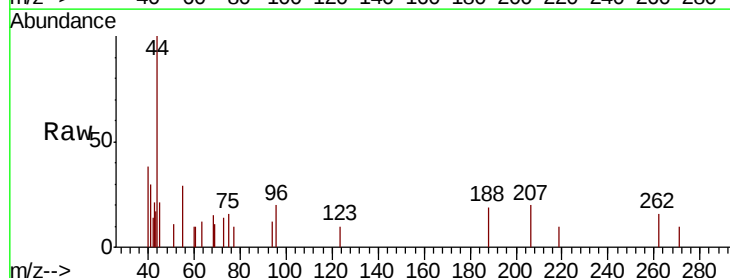
Tgt Ion: 75 Resp: 99

Ion Ratio Lower Upper

75 100

77 66.7 26.3 39.5#

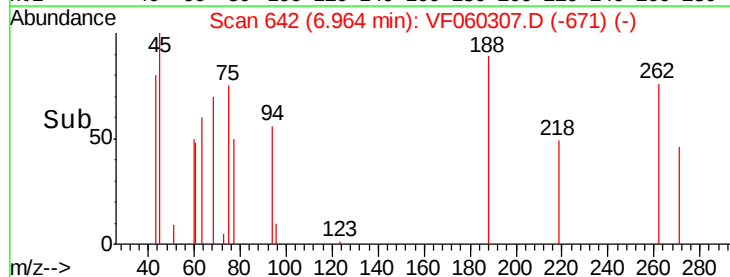
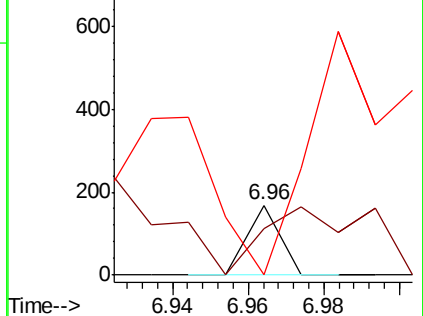
39 0.0 46.1 69.1#

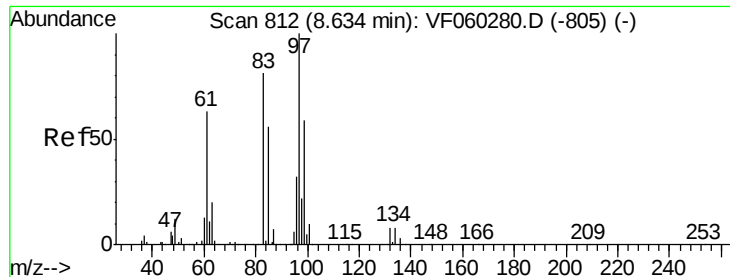


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 226.47 ug/l

RT: 8.18 min Scan# 765

Delta R.T. -0.46 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampled :

NB-PIT-2

Tot Ion: 97 Resp: 214

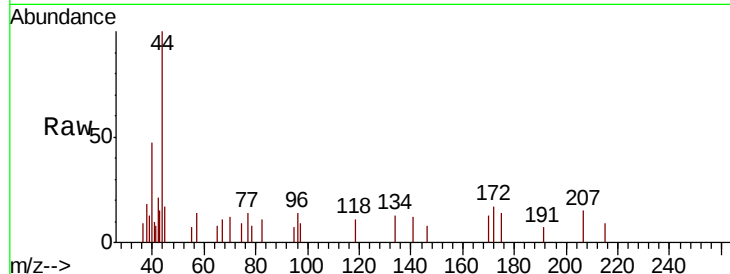
Ion Ratio Lower Upper

97 100

83 0.0 65.3 97.9#

85 0.0 44.7 67.1#

99 0.0 47.0 70.4#

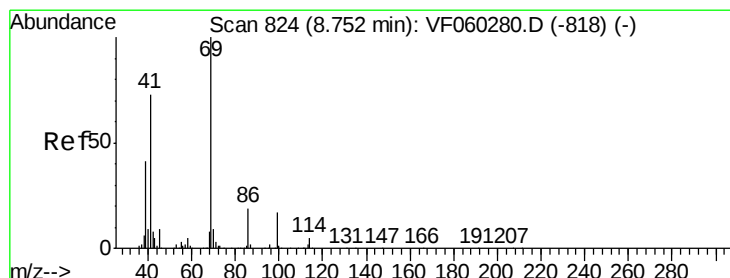
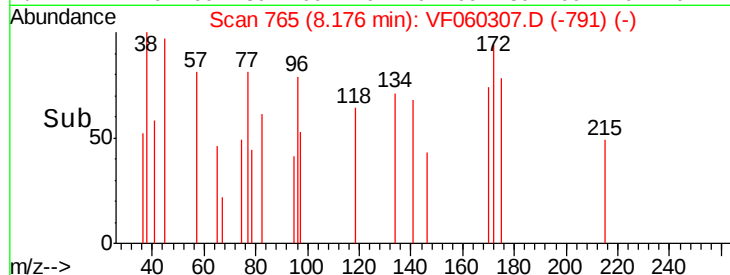
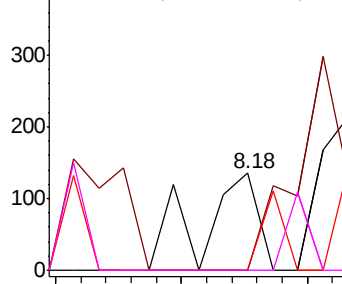


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 169.12 ug/l

RT: 8.27 min Scan# 774

Delta R.T. -0.49 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

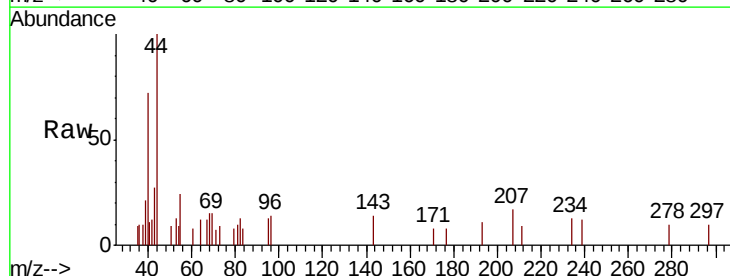
Tgt Ion: 69 Resp: 193

Ion Ratio Lower Upper

69 100

41 72.0 59.4 89.2

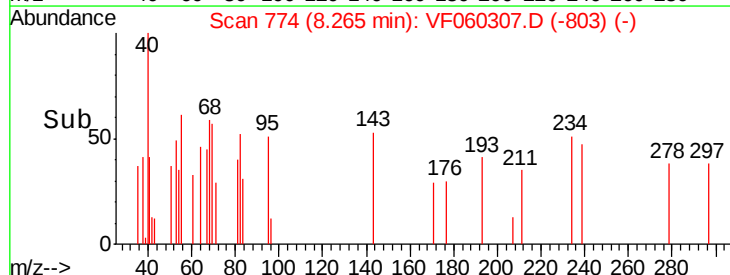
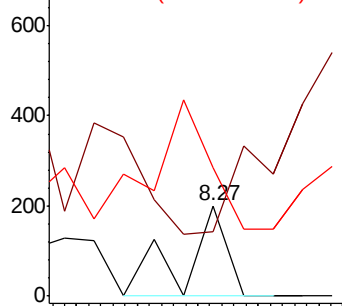
39 143.0 33.5 50.3#

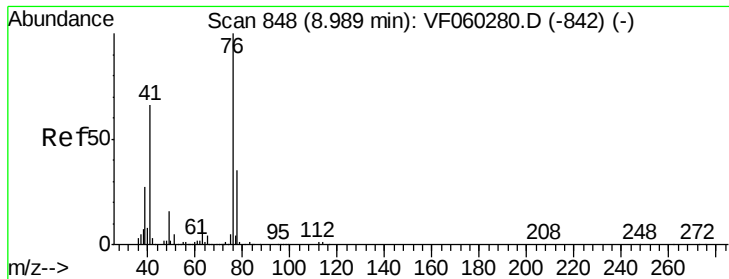


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 44.74 ug/l

RT: 8.52 min Scan# 800

Delta R.T. -0.47 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

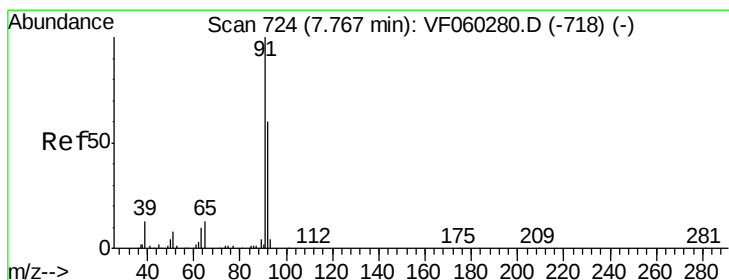
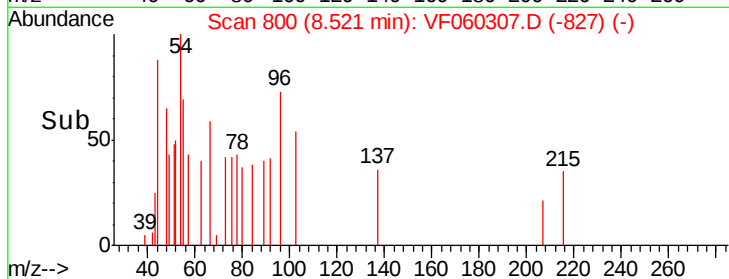
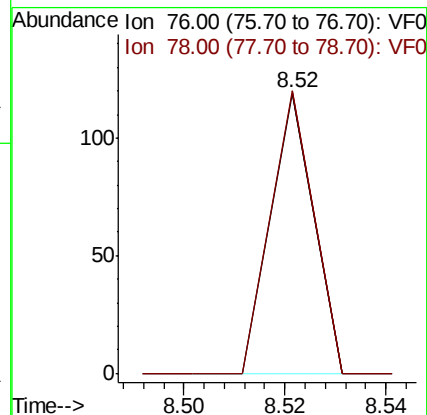
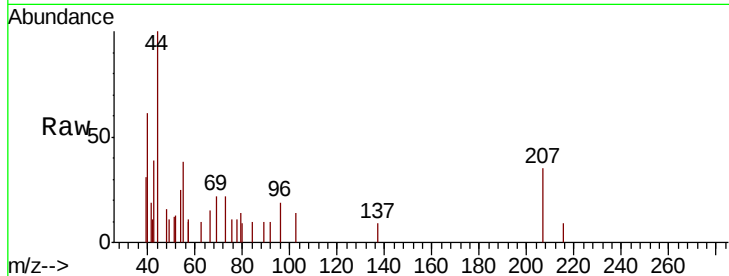
NB-PIT-2

Tot Ion: 76 Resp: 70

Ion Ratio Lower Upper

76 100

78 100.8 28.2 42.2#



#58

2-Chloroethyl Vinyl ether

Concen: 1466.97 ug/l

RT: 7.27 min Scan# 673

Delta R.T. -0.50 min

Lab File: VF060307.D

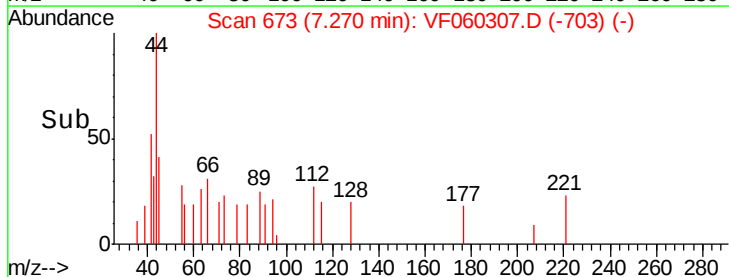
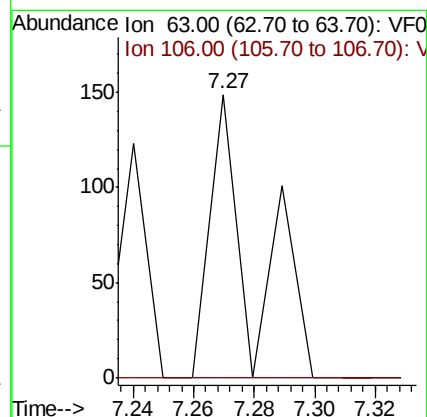
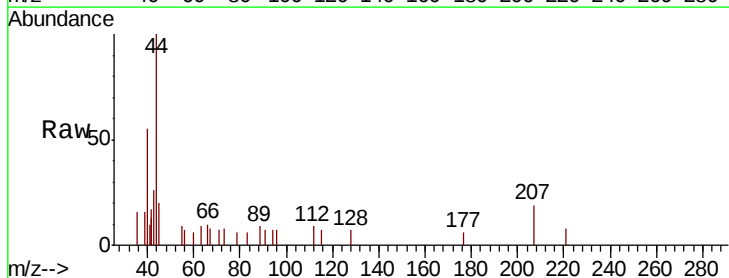
Acq: 20 Sep 2018 19:48

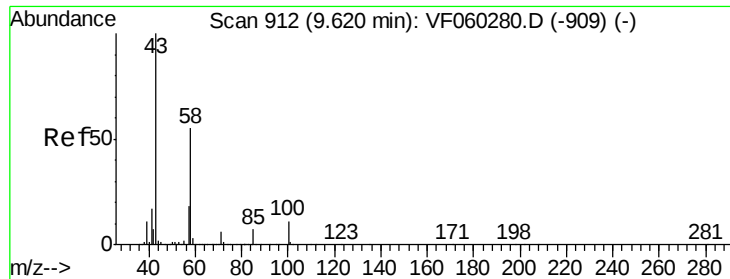
Tgt Ion: 63 Resp: 148

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

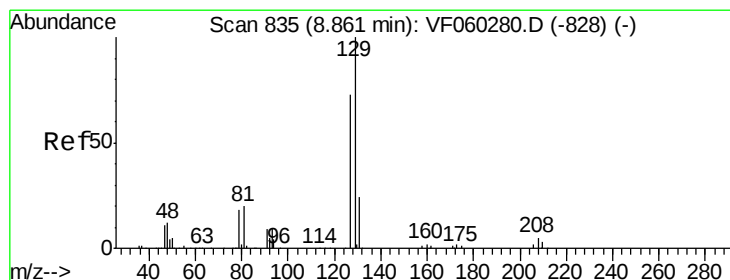
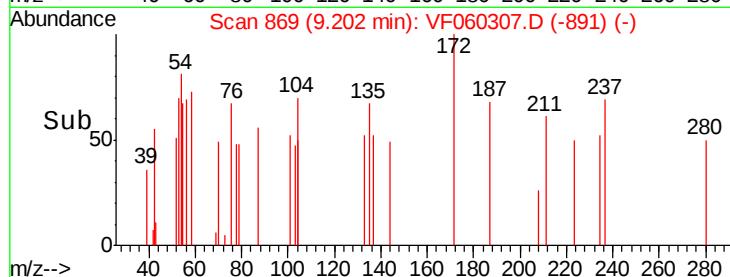
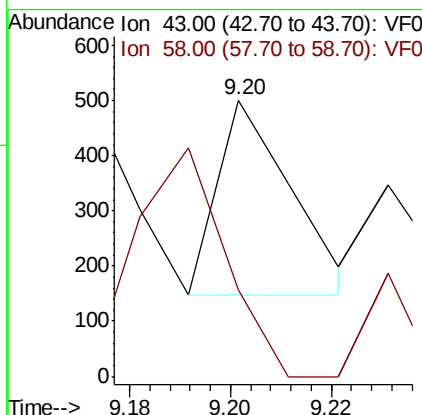
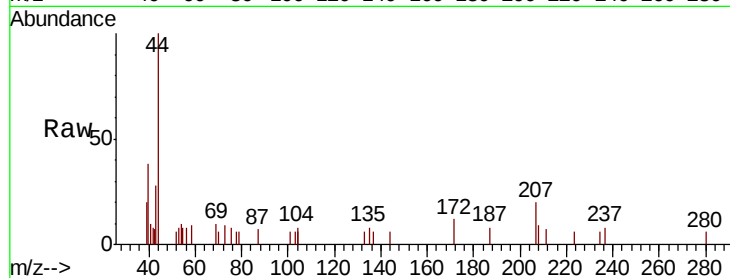




#59
2-Hexanone
Concen: 591.71 ug/l
RT: 9.20 min Scan# 869
Delta R.T. -0.42 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

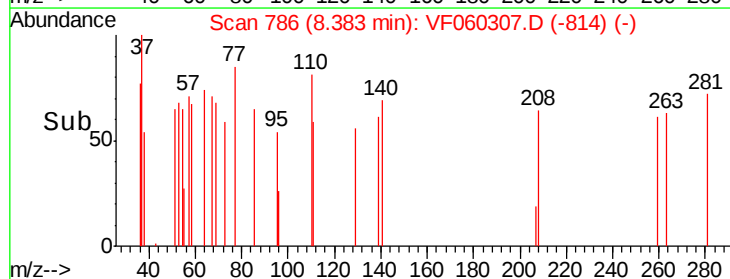
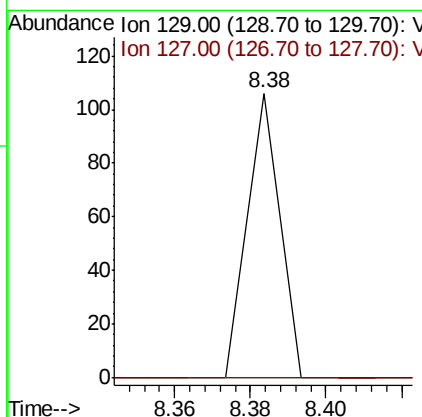
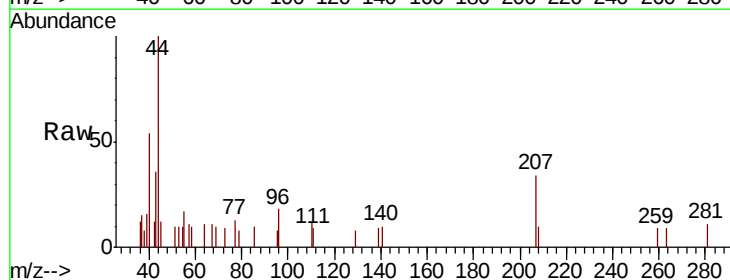
Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

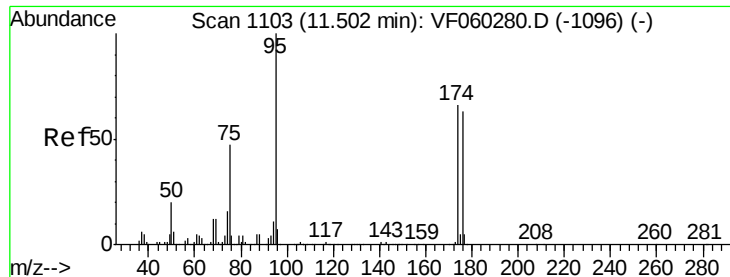
Tot Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
58 31.1 25.9 77.6



#60
Dibromochloromethane
Concen: 44.73 ug/l
RT: 8.38 min Scan# 786
Delta R.T. -0.48 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion: 129 Resp: 63
Ion Ratio Lower Upper
129 100
127 0.0 36.6 109.8#





#62

4-Bromofluorobenzene

Concen: 130.01 ug/l

RT: 10.83 min Scan# 1034

Delta R.T. -0.67 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

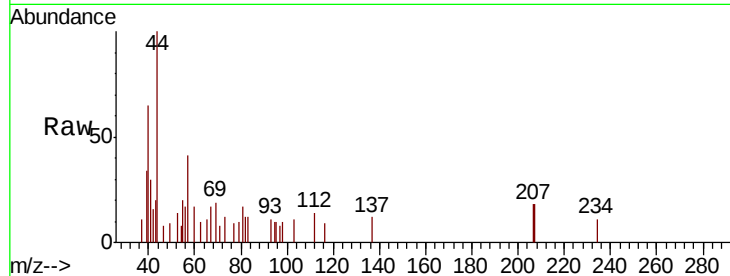
Tot Ion: 95 Resp: 227

Ion Ratio Lower Upper

95 100

174 0.0 0.0 131.2

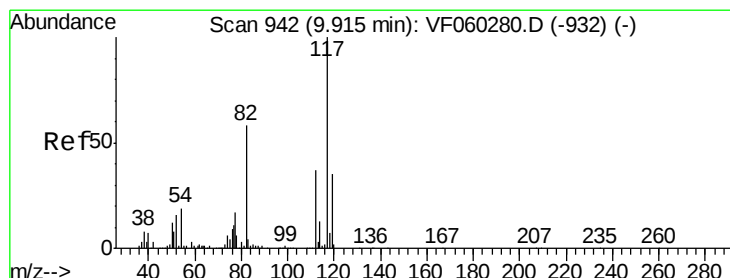
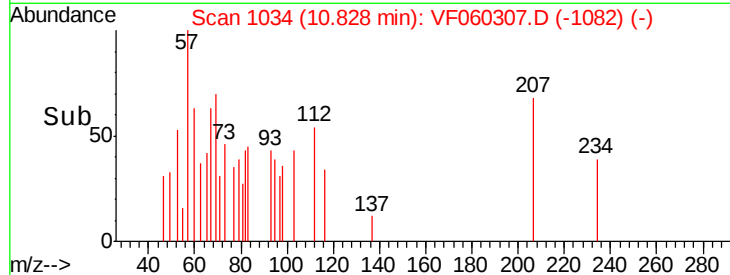
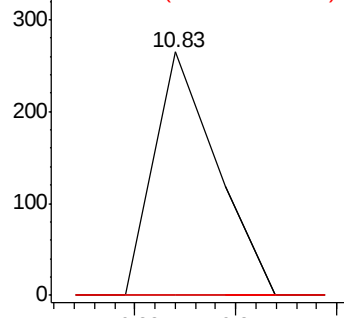
176 0.0 0.0 126.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.35 min Scan# 884

Delta R.T. -0.57 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

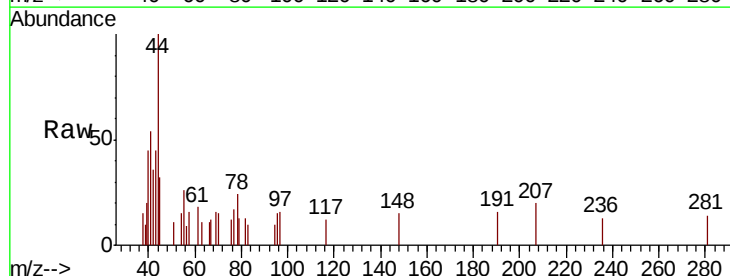
Tgt Ion: 117 Resp: 157

Ion Ratio Lower Upper

117 100

82 106.7 46.2 69.2#

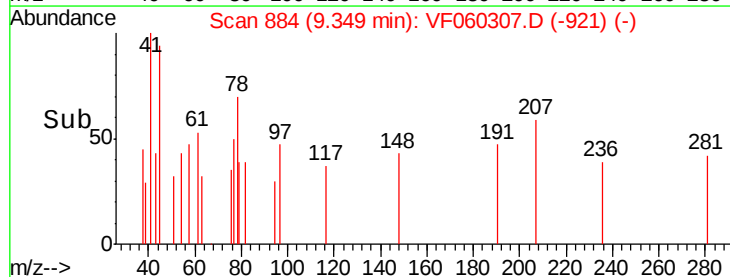
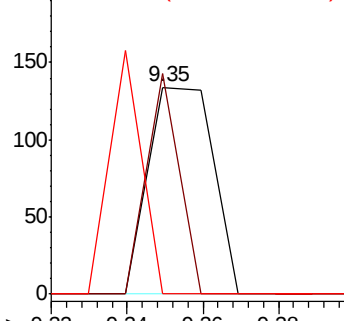
119 0.0 27.8 41.6#

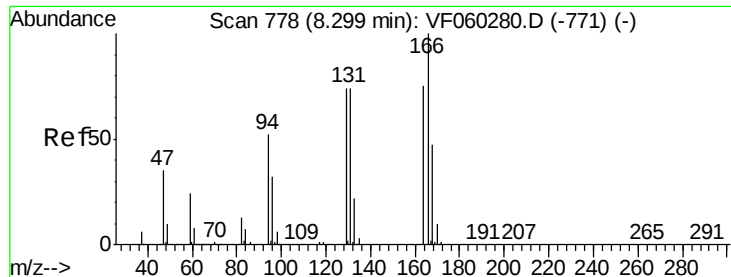


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 43.56 ug/l

RT: 8.42 min Scan# 790

Delta R.T. 0.12 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

Tot Ion:164 Resp: 62

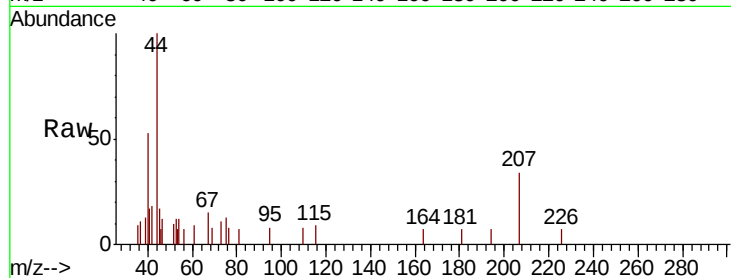
Ion Ratio Lower Upper

164 100

166 0.0 106.8 160.2#

129 0.0 78.8 118.2#

131 0.0 78.7 118.1#

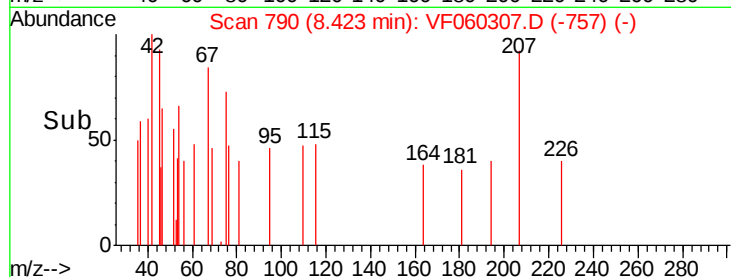
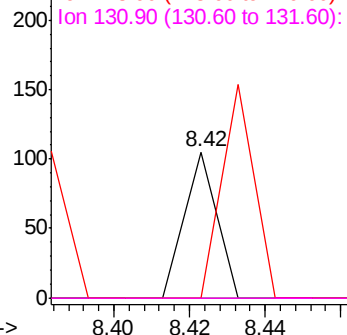


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 17.42 ug/l

RT: 9.96 min Scan# 946

Delta R.T. 0.03 min

Lab File: VF060307.D

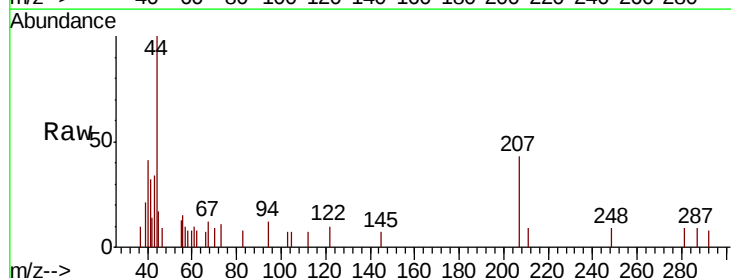
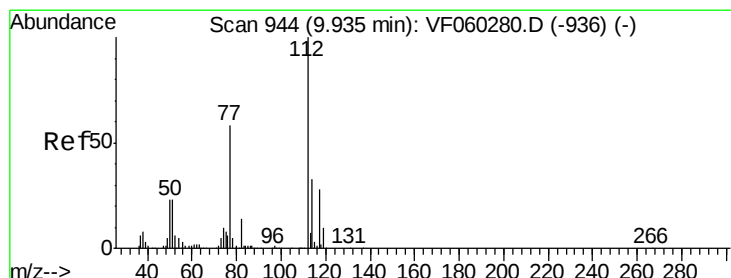
Acq: 20 Sep 2018 19:48

Tgt Ion:112 Resp: 62

Ion Ratio Lower Upper

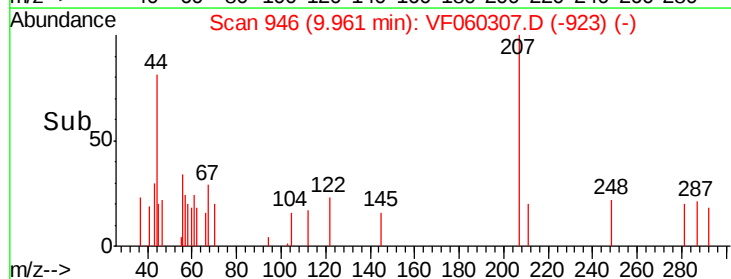
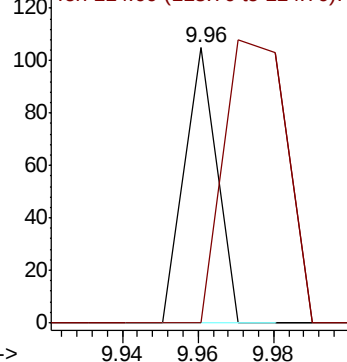
112 100

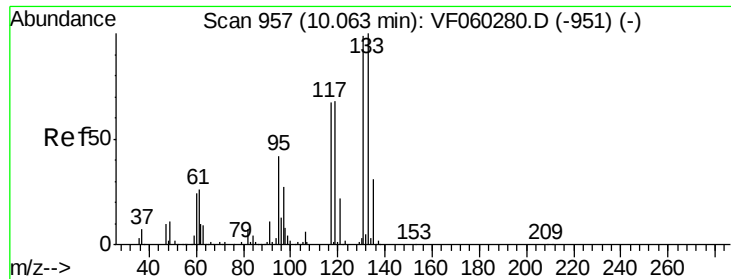
114 0.0 26.6 40.0#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 55.53 ug/l

RT: 10.11 min Scan# 961

Delta R.T. 0.05 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

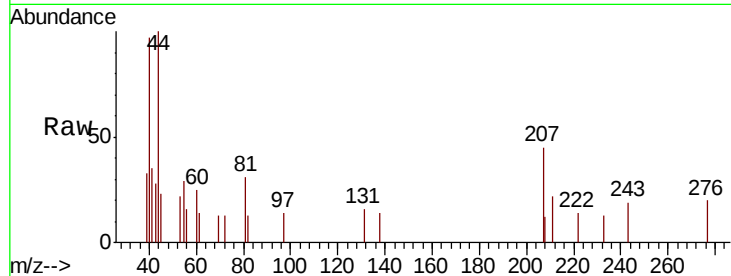
Tot Ion:131 Resp: 82

Ion Ratio Lower Upper

131 100

133 0.0 50.4 151.2#

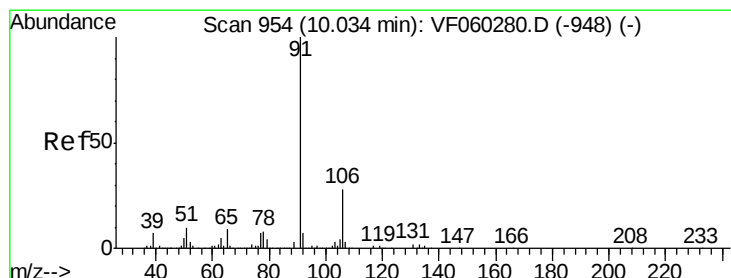
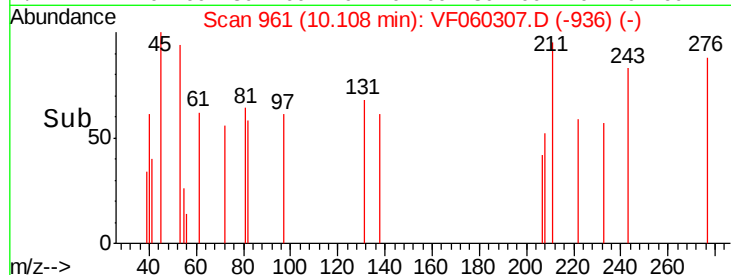
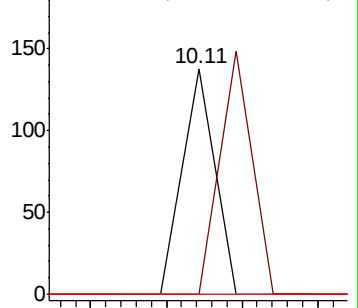
119 0.0 34.8 104.3#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 19.91 ug/l

RT: 10.02 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060307.D

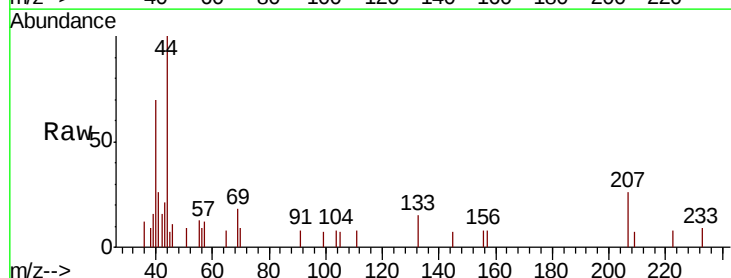
Acq: 20 Sep 2018 19:48

Tgt Ion: 91 Resp: 131

Ion Ratio Lower Upper

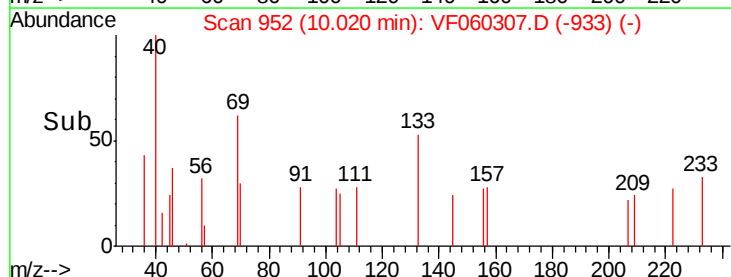
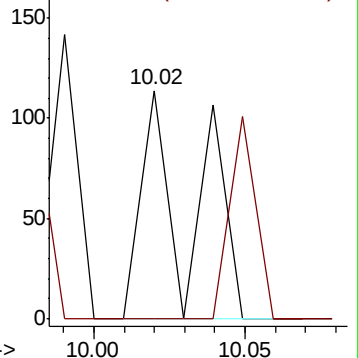
91 100

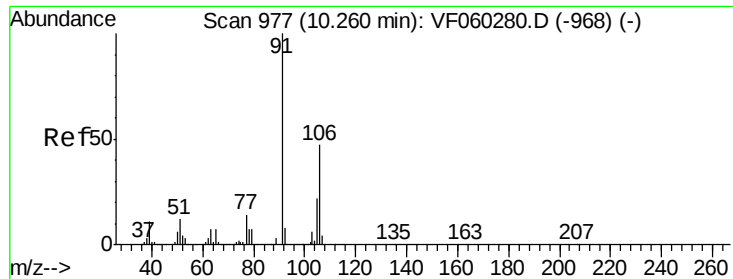
106 0.0 22.7 34.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 26.40 ug/l

RT: 10.25 min Scan# 975

Delta R.T. -0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

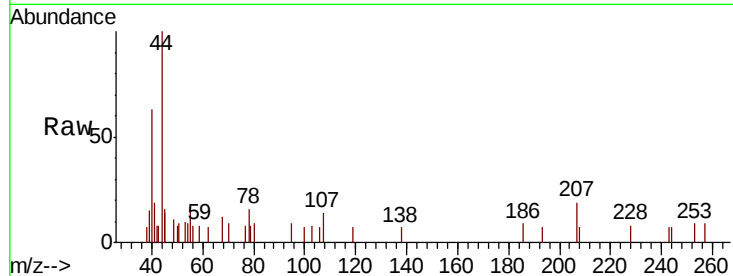
NB-PIT-2

Tot Ion:106 Resp: 60

Ion Ratio Lower Upper

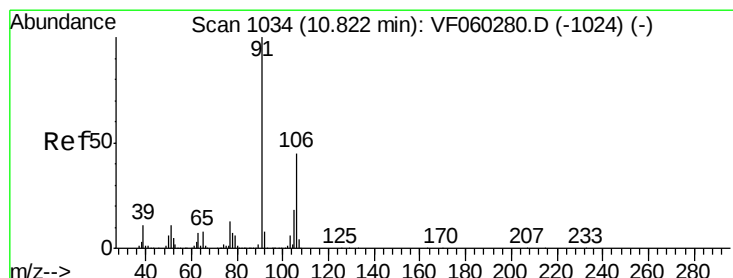
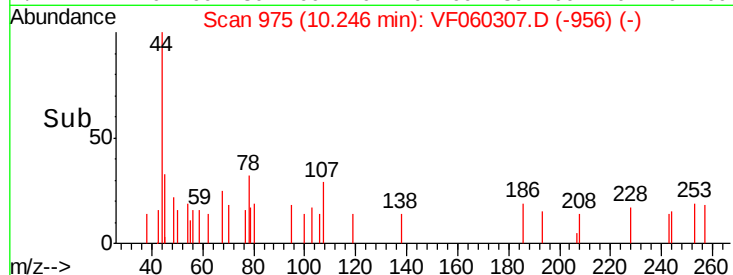
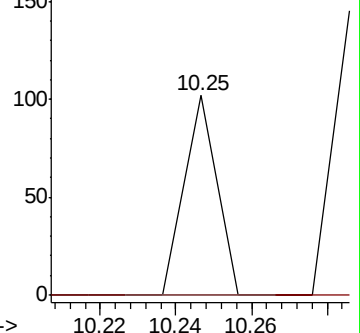
106 100

91 0.0 172.3 258.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 24.71 ug/l

RT: 10.86 min Scan# 1037

Delta R.T. 0.04 min

Lab File: VF060307.D

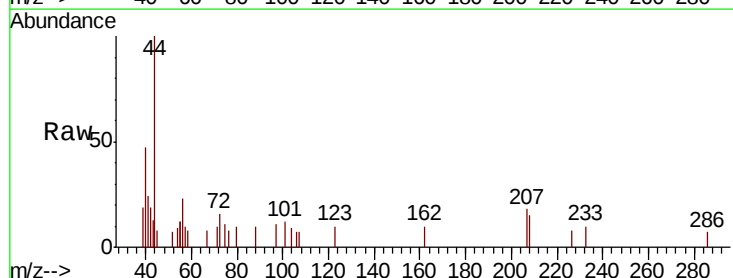
Acq: 20 Sep 2018 19:48

Tgt Ion:106 Resp: 63

Ion Ratio Lower Upper

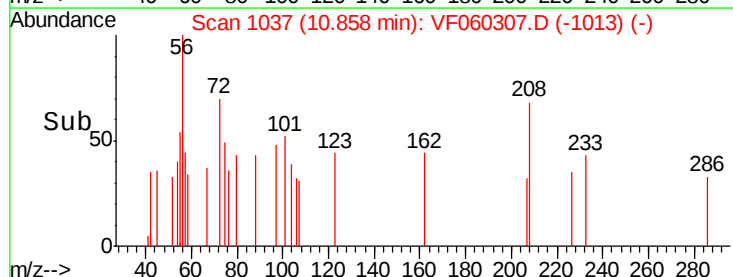
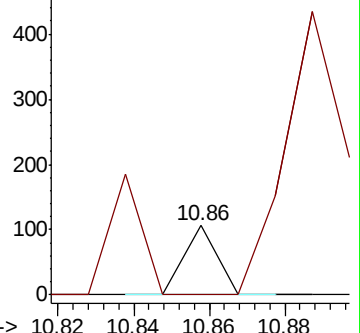
106 100

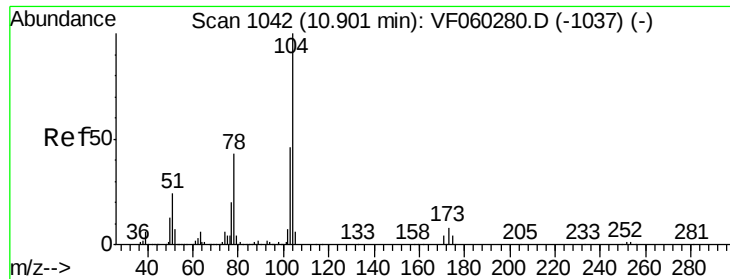
91 0.0 110.9 332.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





#70

Stvrene

Concen: 28.09 ug/l

RT: 10.88 min Scan# 1039

Delta R.T. -0.02 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

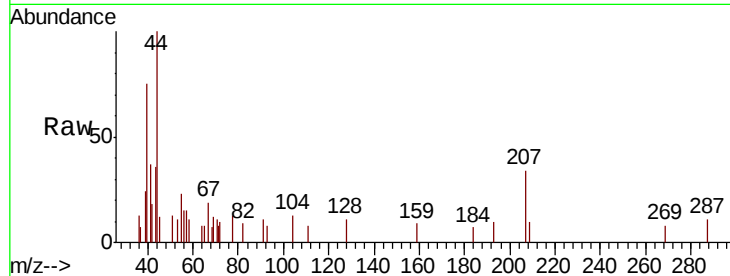
Tot Ion:104 Resp: 101

Ion Ratio Lower Upper

104 100

78 0.0 35.0 52.6#

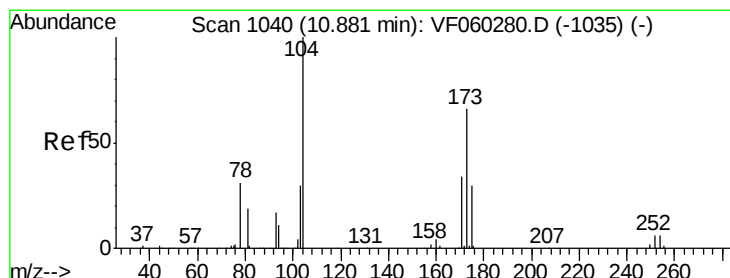
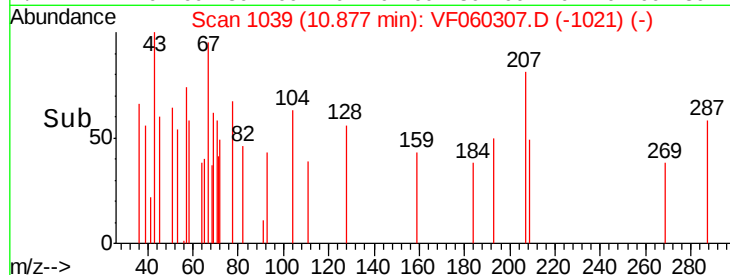
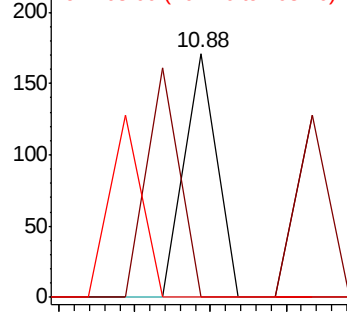
103 0.0 37.4 56.0#



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



#71

Bromoform

Concen: 88.78 ug/l

RT: 10.81 min Scan# 1032

Delta R.T. -0.07 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

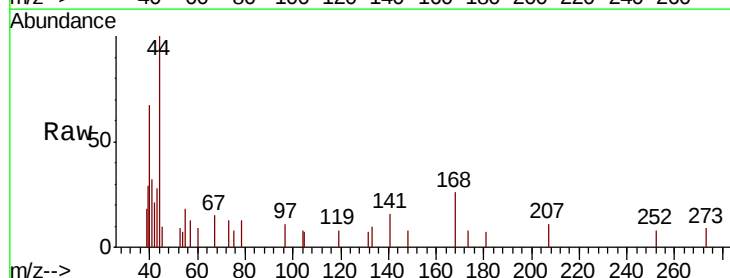
Tgt Ion:173 Resp: 72

Ion Ratio Lower Upper

173 100

175 0.0 22.3 66.9#

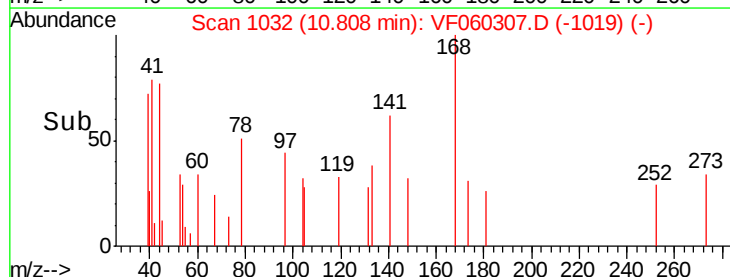
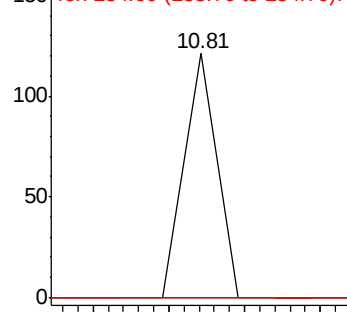
254 0.0 0.0 0.0

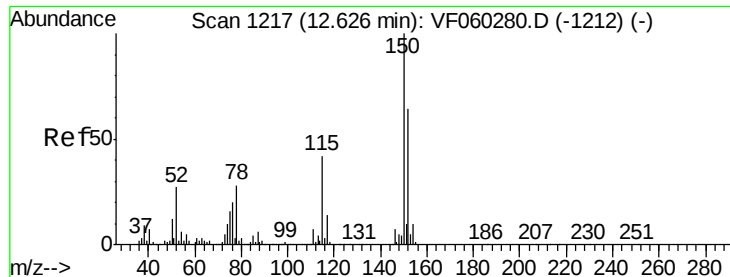


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



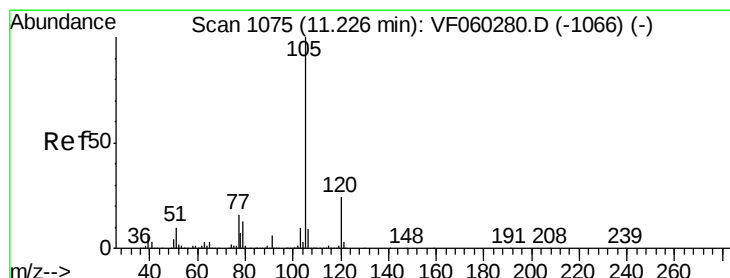
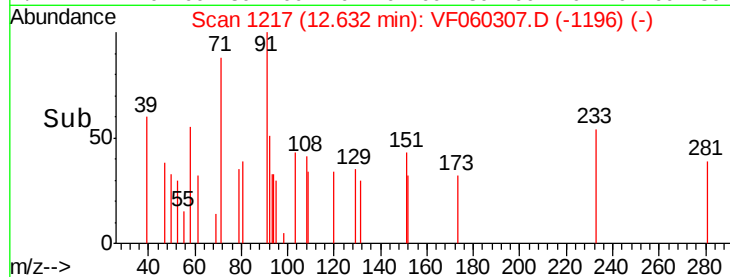
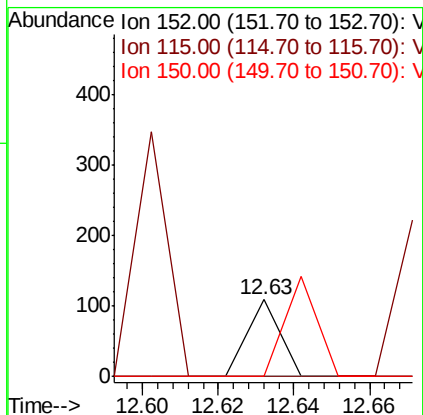
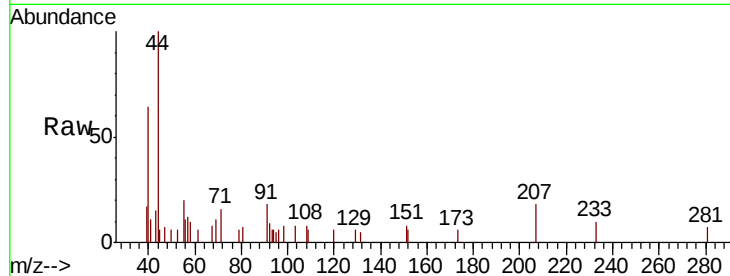


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Instrument :
MSVOA_F
ClientSampleId :
NB-PIT-2

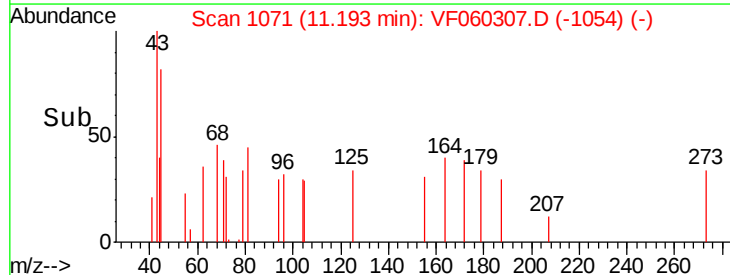
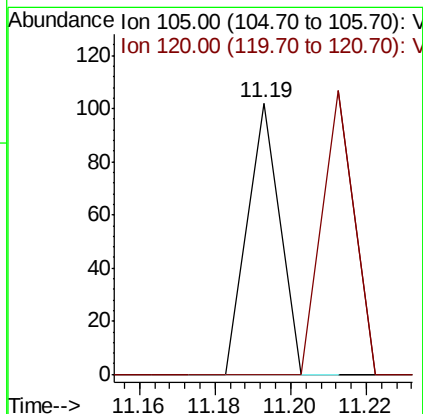
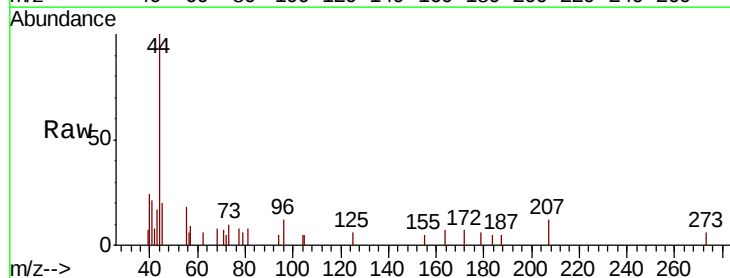
Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	32.6	97.8#
150	0.0	0.0	314.2

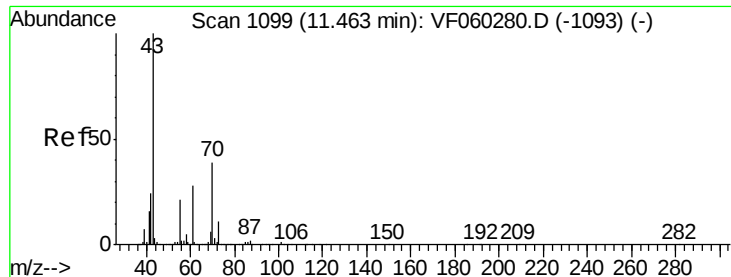


#73

Isopropylbenzene
Concen: 10.44 ug/l
RT: 11.19 min Scan# 1071
Delta R.T. -0.03 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.2	36.6#





#74

N-amvl acetate

Concen: 236.70 ug/l

RT: 11.48 min Scan# 1100

Delta R.T. 0.02 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

Tot Ion: 43 Resp: 290

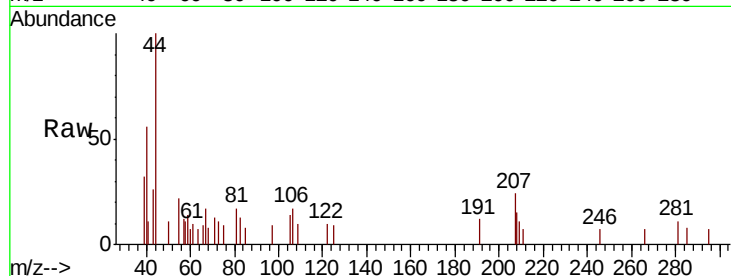
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 87.4 16.8 25.2#

61 37.6 22.6 34.0#



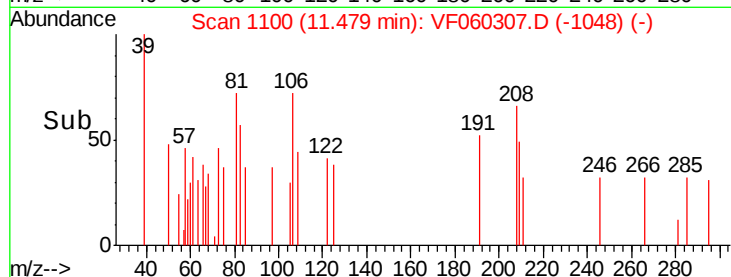
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

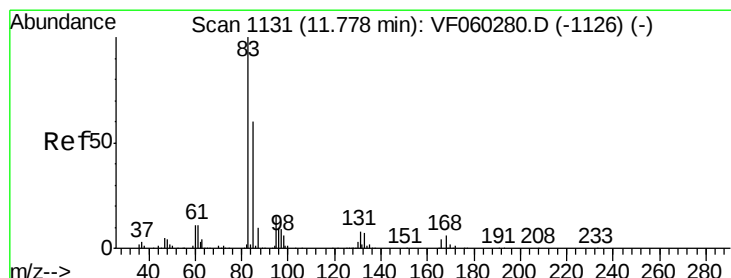
Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Time--> 11.44 11.46 11.48 11.50



Time--> 11.44 11.46 11.48 11.50



#75

1,1,2,2-Tetrachloroethane

Concen: 214.10 ug/l

RT: 11.75 min Scan# 1128

Delta R.T. -0.02 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

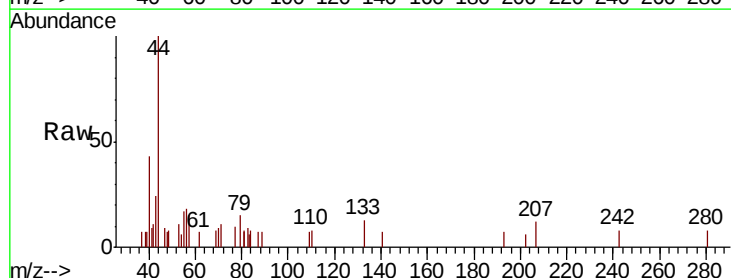
Tgt Ion: 83 Resp: 218

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

85 0.0 30.1 90.5#

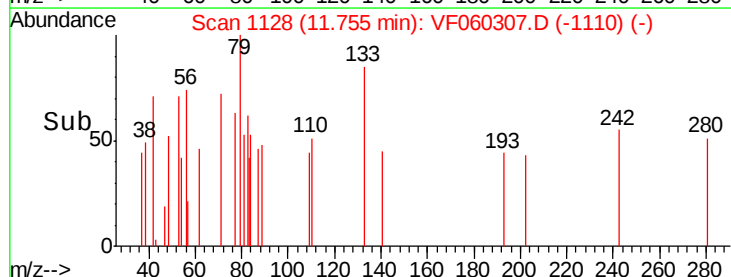


Abundance Ion 83.00 (82.70 to 83.70): VF0

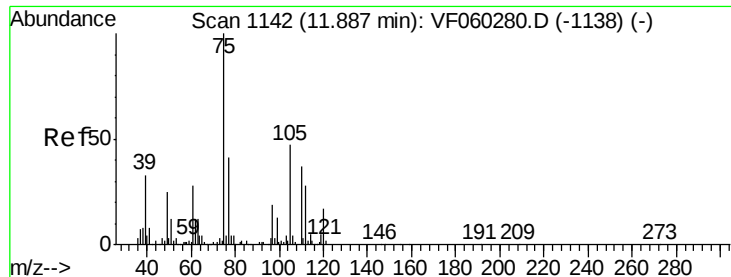
Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

Time--> 11.74 11.76 11.78



Time--> 11.74 11.76 11.78



#76

1,2,3-Trichloropropane

Concen: 123.45 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. 0.03 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

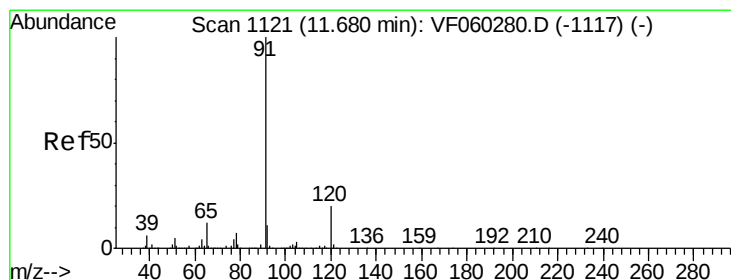
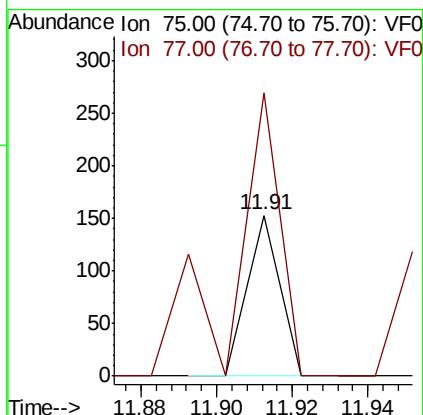
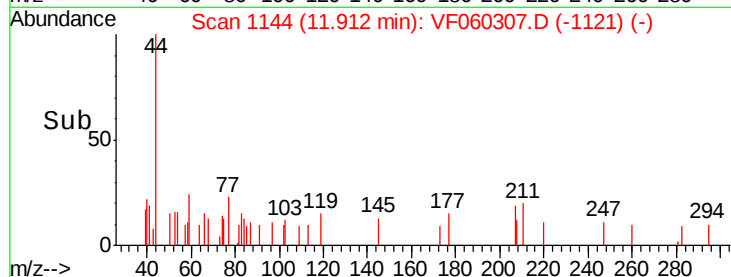
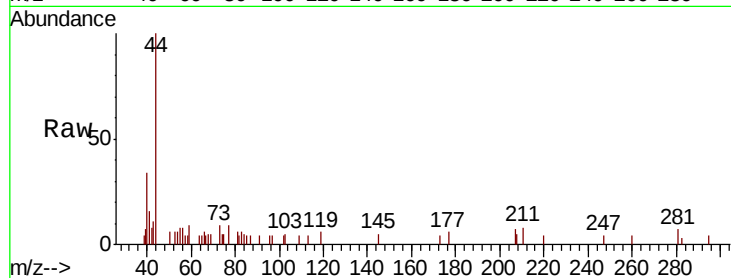
NB-PIT-2

Tot Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

77 175.8 20.5 61.5#



#78

n-propylbenzene

Concen: 16.69 ug/l

RT: 11.63 min Scan# 1115

Delta R.T. -0.05 min

Lab File: VF060307.D

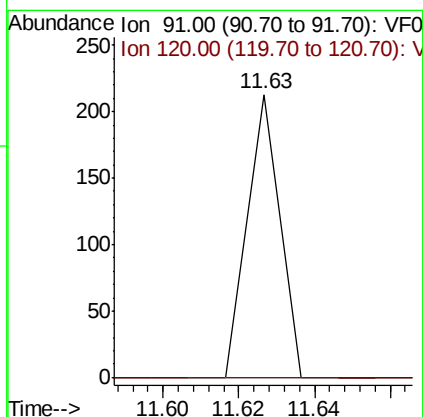
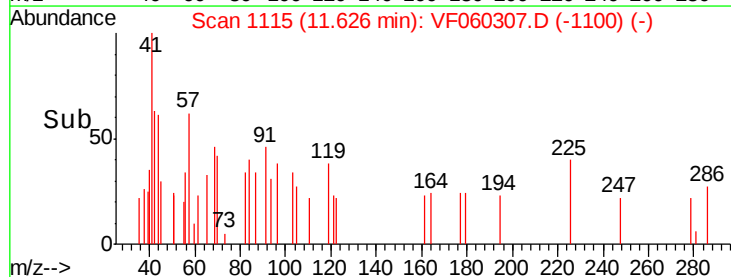
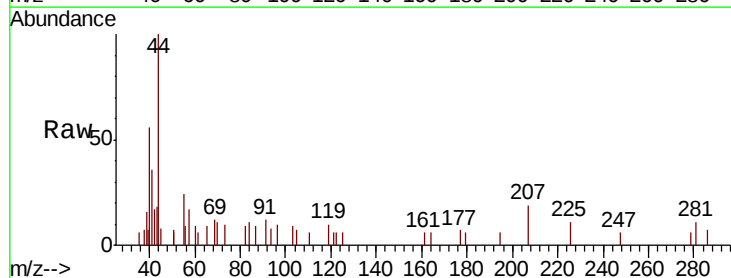
Acq: 20 Sep 2018 19:48

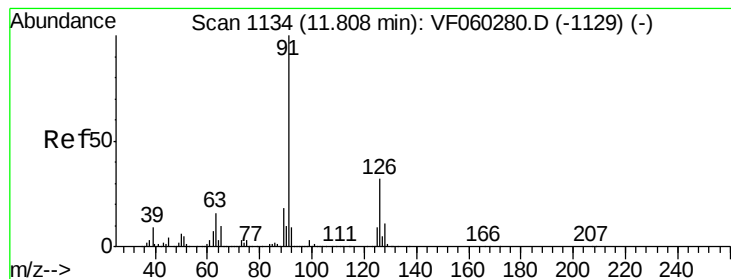
Tgt Ion: 91 Resp: 126

Ion Ratio Lower Upper

91 100

120 0.0 10.0 29.8#





#79

2-Chlorotoluene

Concen: 44.90 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. -0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

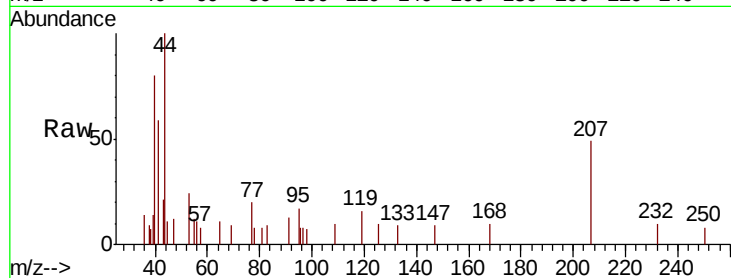
NB-PIT-2

Tot Ion: 91 Resp: 174

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.79

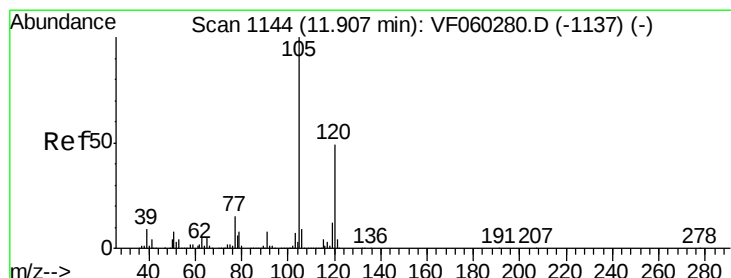
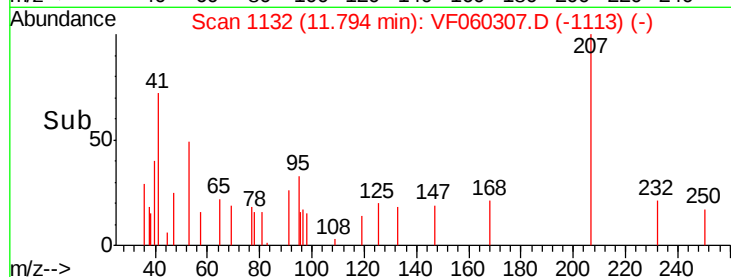
150

100

50

0

Time--> 11.75



#80

1,3,5-Trimethylbenzene

Concen: 54.70 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF060307.D

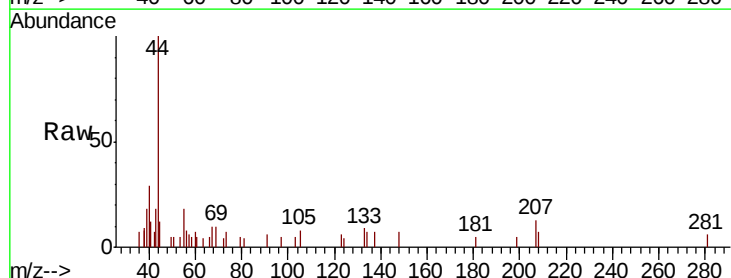
Acq: 20 Sep 2018 19:48

Tgt Ion: 105 Resp: 253

Ion Ratio Lower Upper

105 100

120 0.0 24.4 73.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.90

200

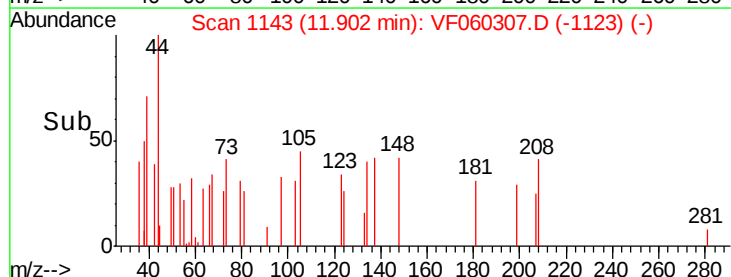
150

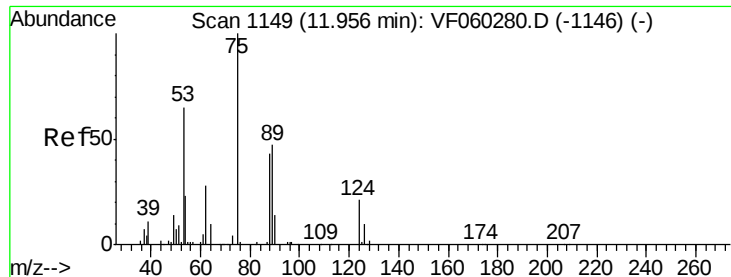
100

50

0

Time--> 11.85





#81

trans-1,4-Dichloro-2-butene

Concen: 163.51 ug/l

RT: 11.99 min Scan# 1152

Delta R.T. 0.04 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

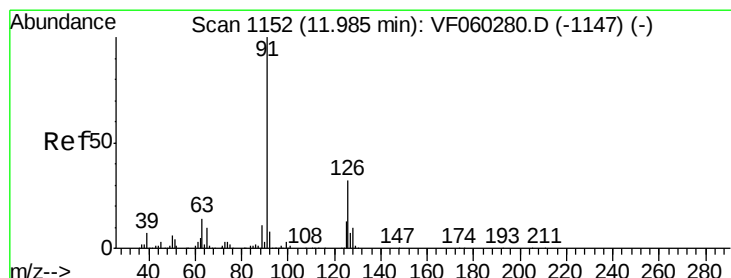
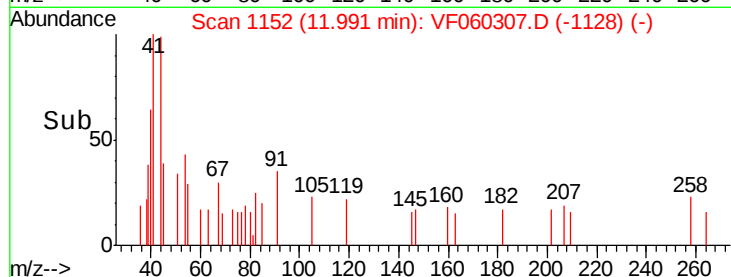
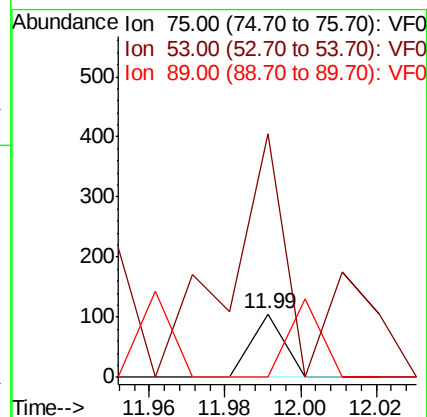
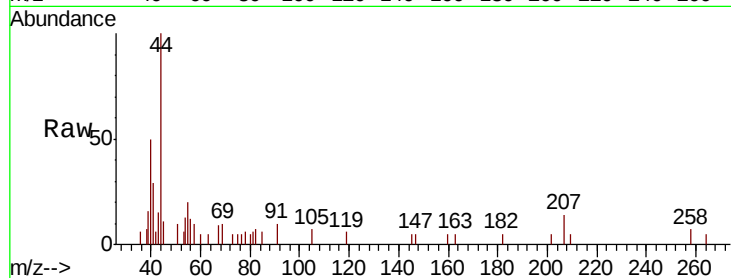
Tot Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

53 382.1 56.5 84.7#

89 0.0 40.6 60.8#



#82

4-Chlorotoluene

Concen: 56.73 ug/l

RT: 11.97 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VF060307.D

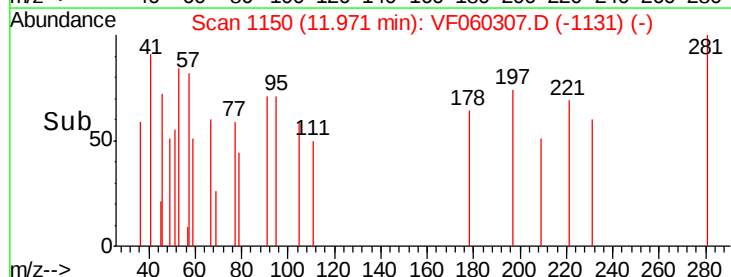
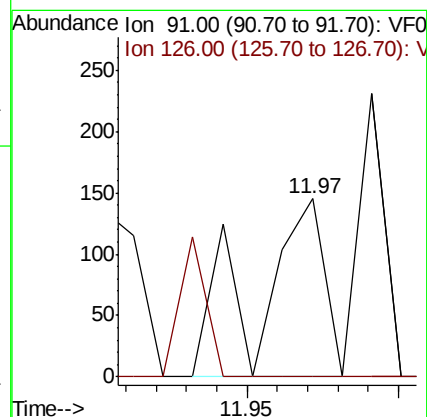
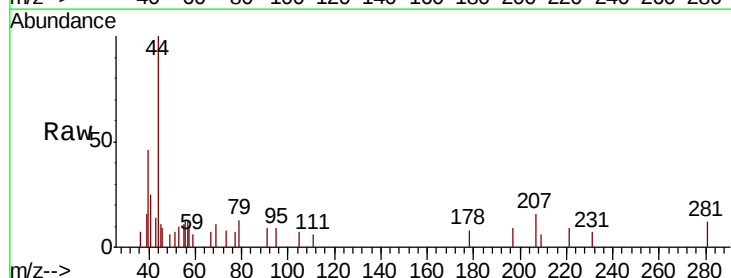
Acq: 20 Sep 2018 19:48

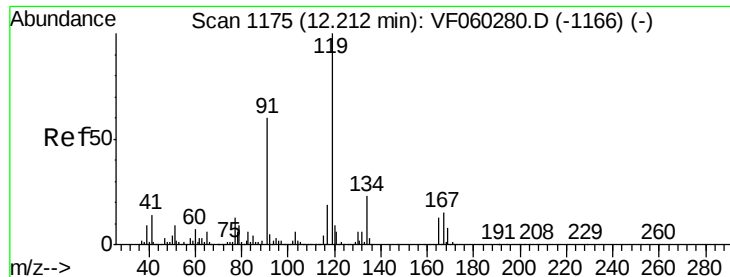
Tgt Ion: 91 Resp: 221

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#





#83

tert-Butylbenzene

Concen: 13.86 ug/l

RT: 12.13 min Scan# 1166

Delta R.T. -0.08 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

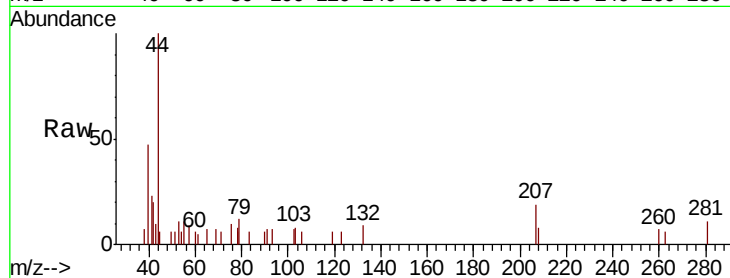
Tot Ion:119 Resp: 65

Ion Ratio Lower Upper

119 100

91 115.6 30.3 91.0#

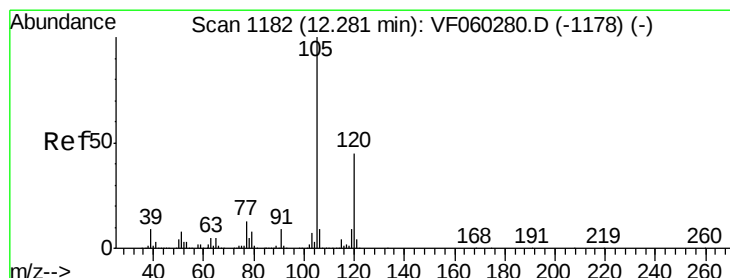
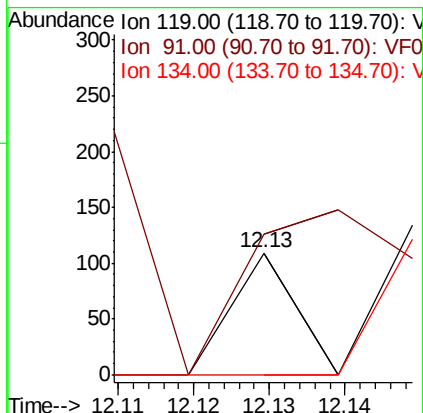
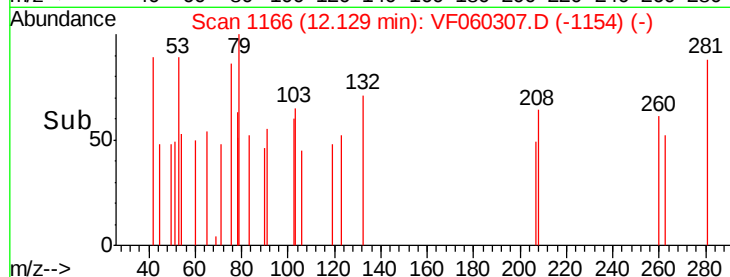
134 0.0 11.6 34.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.36 ug/l

RT: 12.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VF060307.D

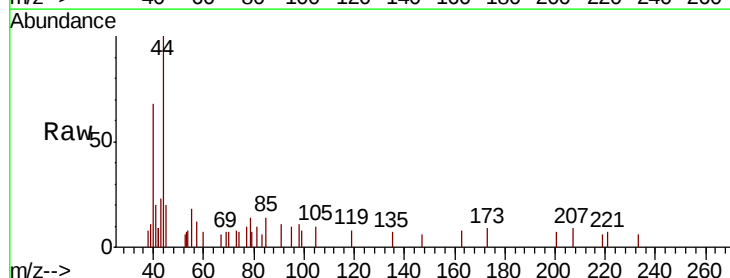
Acq: 20 Sep 2018 19:48

Tgt Ion:105 Resp: 105

Ion Ratio Lower Upper

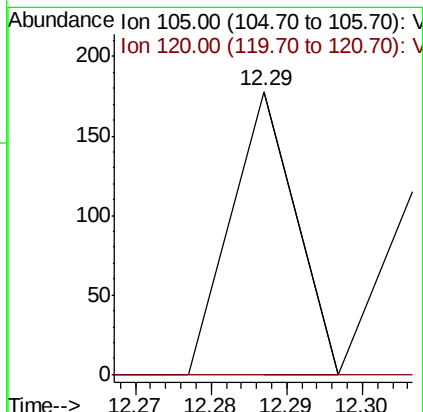
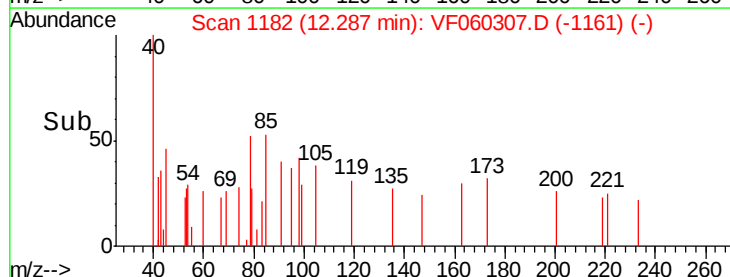
105 100

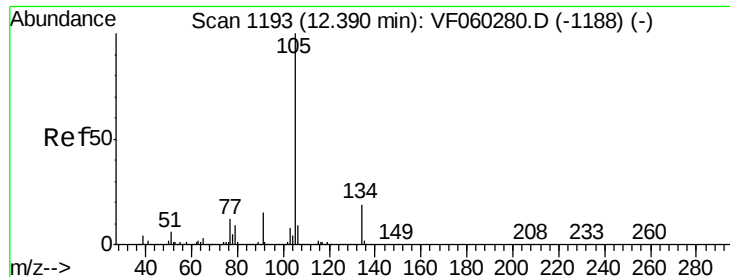
120 0.0 22.4 67.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

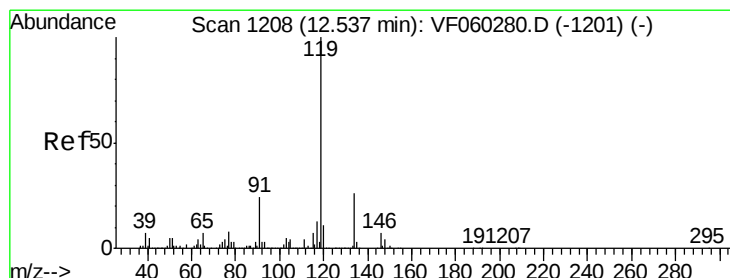
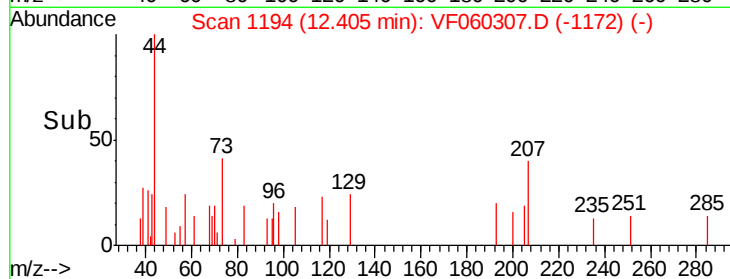
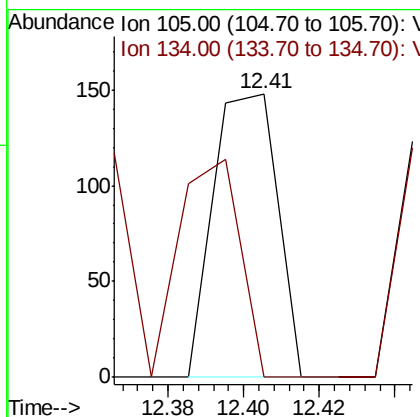
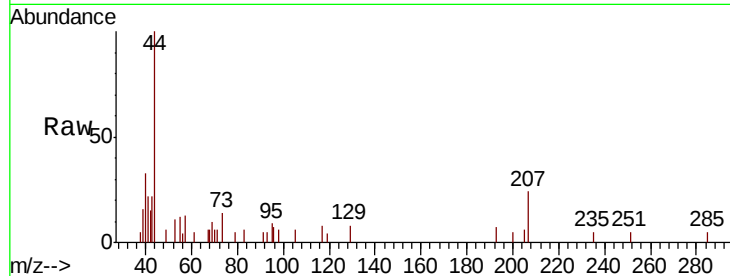




#85
 sec-Butylbenzene
 Concen: 27.80 ug/l
 RT: 12.41 min Scan# 1194
 Delta R.T. 0.02 min
 Lab File: VF060307.D
 Acq: 20 Sep 2018 19:48

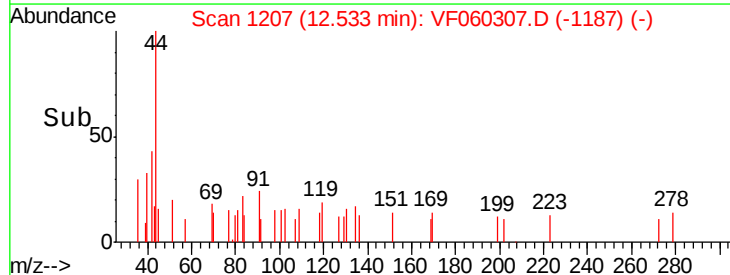
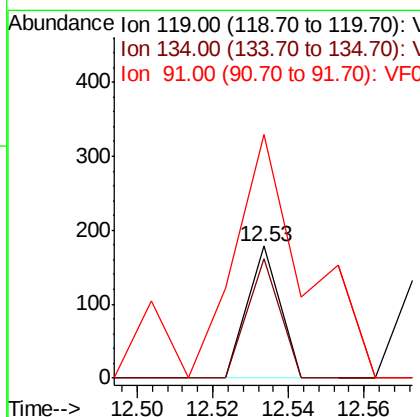
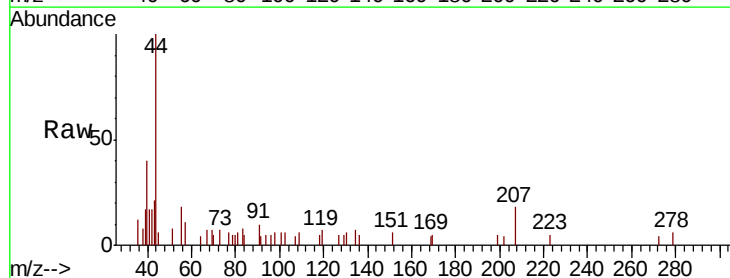
Instrument :
 MSVOA_F
 ClientSampleId :
 NB-PIT-2

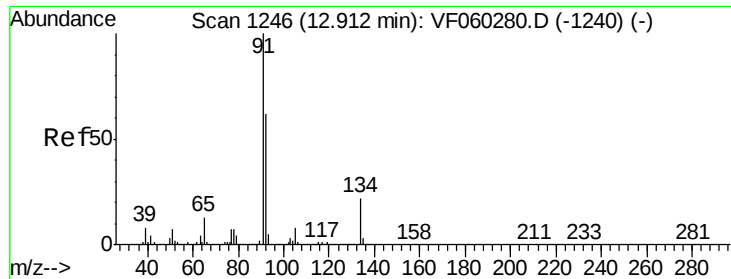
Tot Ion:105 Resp: 172
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 19.19 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: VF060307.D
 Acq: 20 Sep 2018 19:48

Tgt Ion:119 Resp: 105
 Ion Ratio Lower Upper
 119 100
 134 90.4 12.9 38.7#
 91 184.8 11.9 35.7#

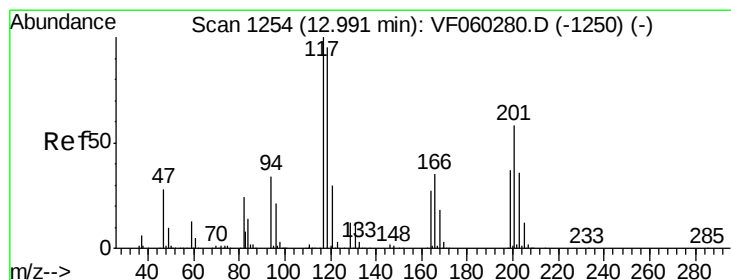
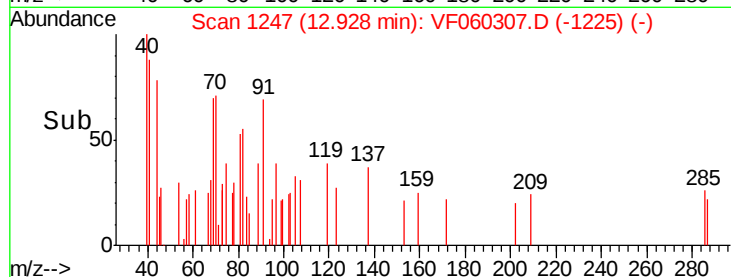
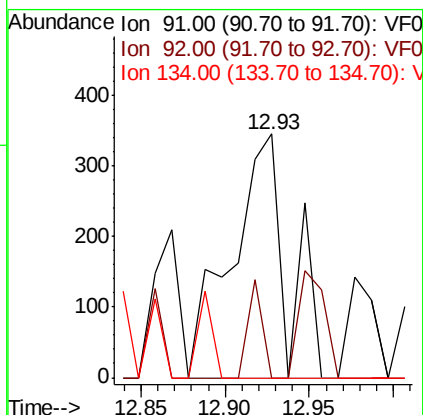
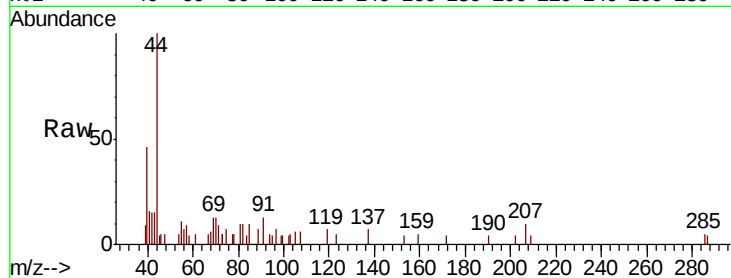




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.93 min Scan# 1247
Delta R.T. 0.02 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

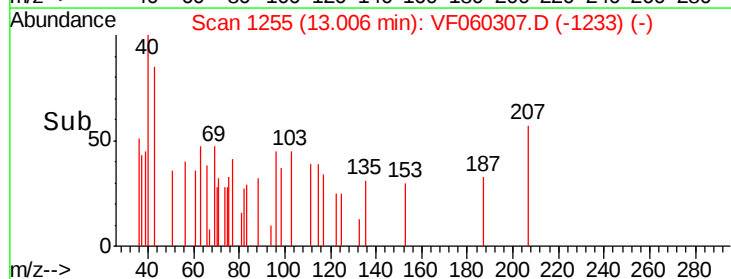
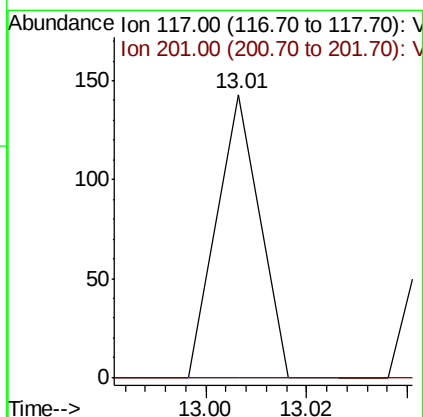
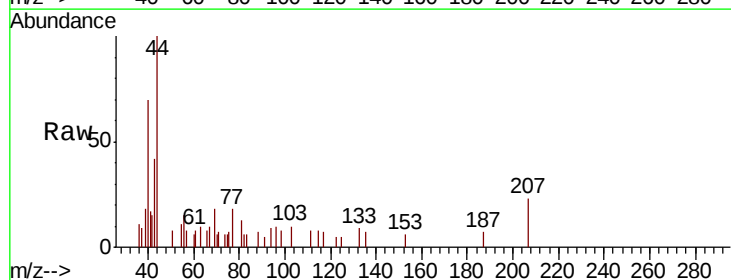
Instrument :
MSVOA_F
ClientSampled :
NB-PIT-2

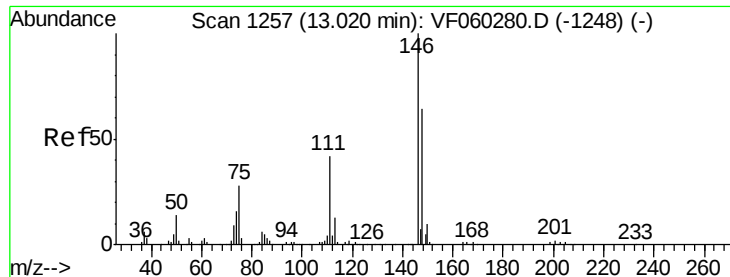
Tot Ion: 91 Resp: 804
Ion Ratio Lower Upper
91 100
92 0.0 31.1 93.5#
134 0.0 11.0 33.0#



#90
Hexachloroethane
Concen: 64.79 ug/l
RT: 13.01 min Scan# 1255
Delta R.T. 0.02 min
Lab File: VF060307.D
Acq: 20 Sep 2018 19:48

Tgt Ion: 117 Resp: 85
Ion Ratio Lower Upper
117 100
201 0.0 29.0 87.0#





#91

1,2-Dichlorobenzene

Concen: 31.71 ug/l

RT: 13.03 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

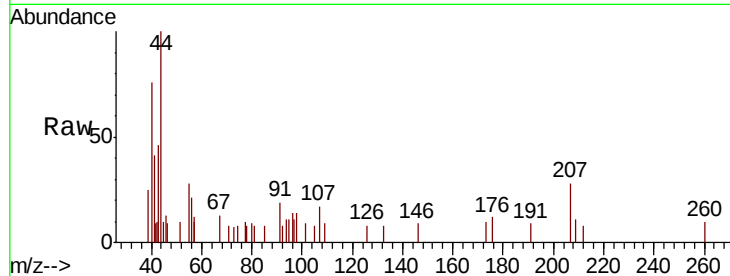
Tot Ion:146 Resp: 70

Ion Ratio Lower Upper

146 100

111 0.0 20.9 62.8#

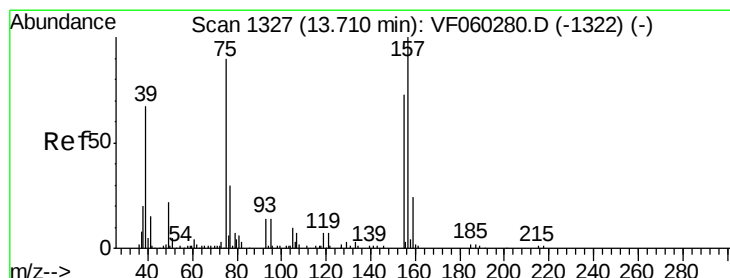
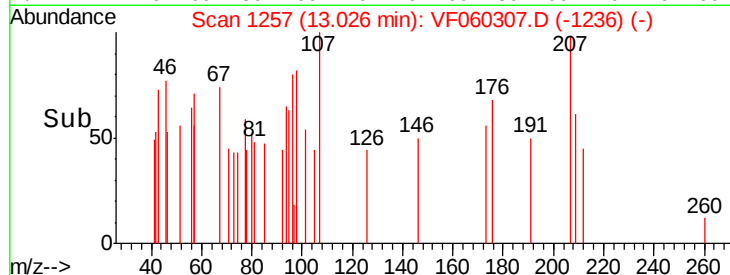
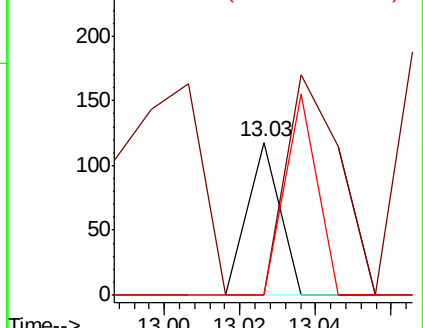
148 0.0 31.9 95.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 308.62 ug/l

RT: 13.67 min Scan# 1322

Delta R.T. -0.04 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

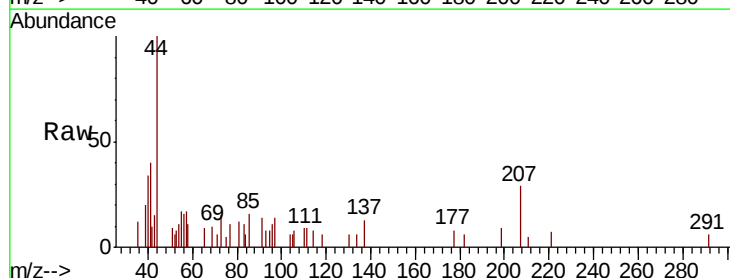
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 41.9 125.7#

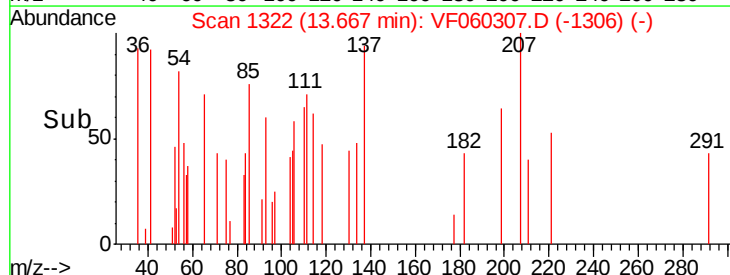
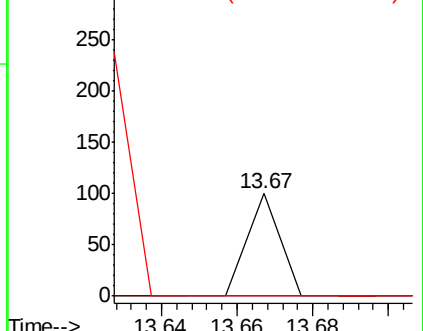
157 0.0 57.4 172.0#

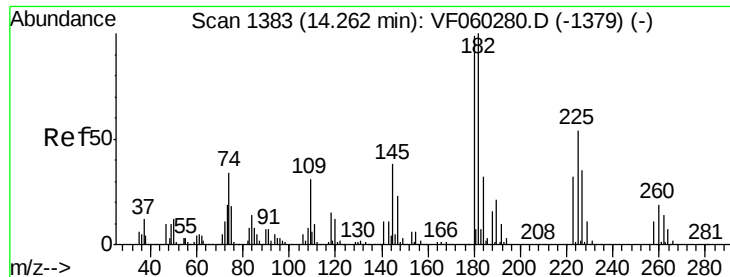


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

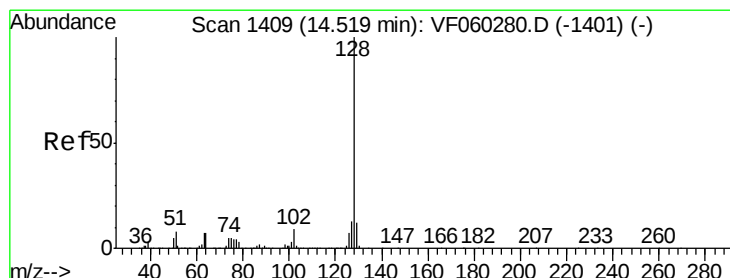
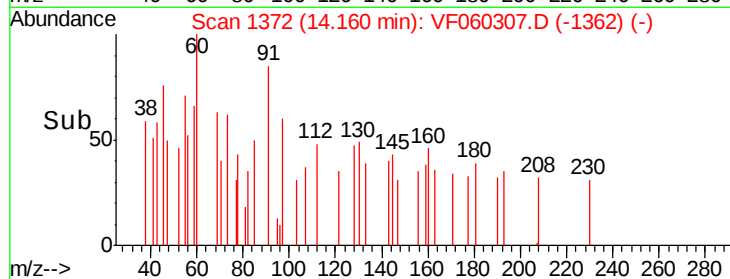
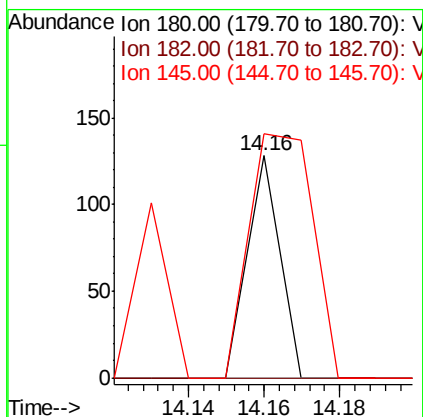
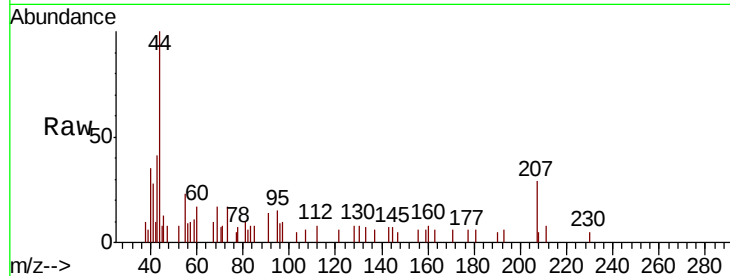




#93
 1,2,4-Trichlorobenzene
 Concen: 47.37 ug/l
 RT: 14.16 min Scan# 1372
 Delta R.T. -0.10 min
 Lab File: VF060307.D
 Acq: 20 Sep 2018 19:48

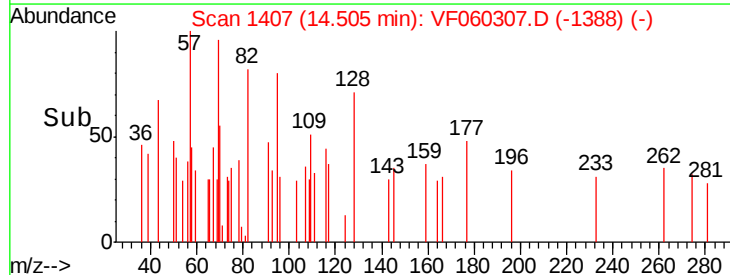
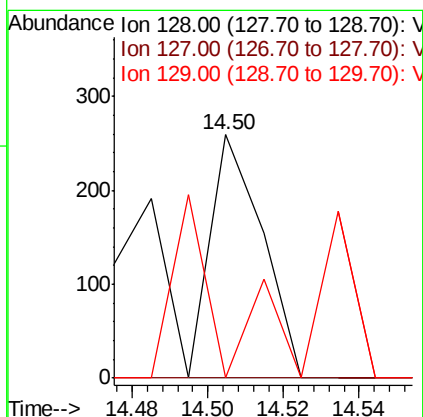
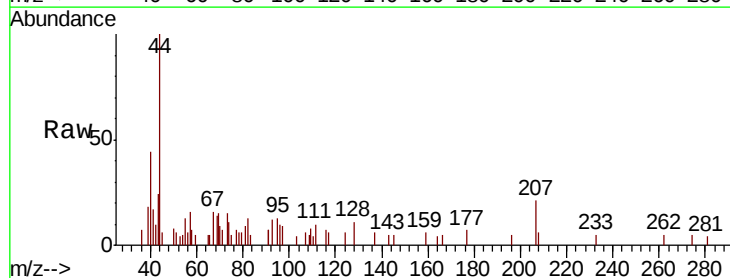
Instrument :
 MSVOA_F
 ClientSampled :
 NB-PIT-2

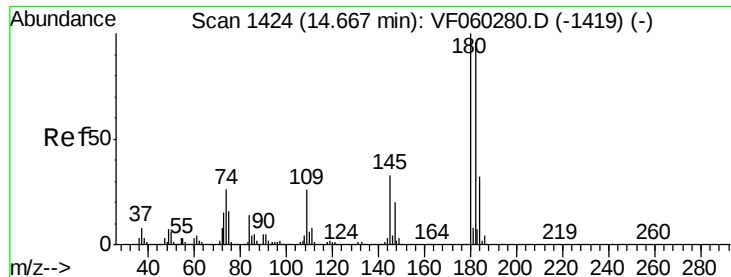
Tot Ion:180 Resp: 76
 Ion Ratio Lower Upper
 180 100
 182 0.0 50.3 151.0#
 145 110.2 18.9 56.9#



#95
 Naphthalene
 Concen: 87.10 ug/l
 RT: 14.50 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: VF060307.D
 Acq: 20 Sep 2018 19:48

Tgt Ion:128 Resp: 245
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.1 15.1#
 129 0.0 9.8 14.8#





#96

1,2,3-Trichlorobenzene

Concen: 46.55 ug/l

RT: 14.73 min Scan# 1430

Delta R.T. 0.06 min

Lab File: VF060307.D

Acq: 20 Sep 2018 19:48

Instrument :

MSVOA_F

ClientSampleId :

NB-PIT-2

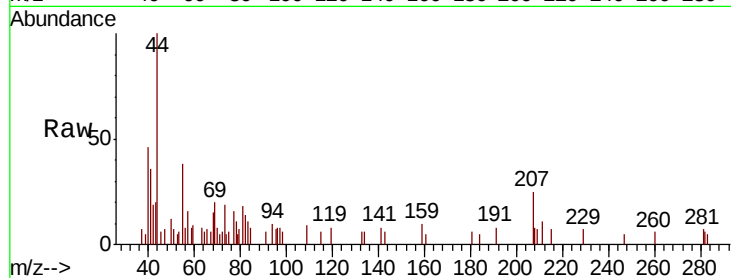
Tot Ion:180 Resp: 69

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.4#

145 0.0 16.4 49.1#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

