

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062843.D
 Acq On : 4 Jun 2019 17:14
 Operator : FY/SY
 Sample : K3173-02
 Misc : 4.41g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-02-004-A

Quant Time: Jun 05 05:22:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.09	168	1332	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.86	114	228	50.00	ug/l	0.06
63) Chlorobenzene-d5	10.00	117	135	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	12.59	152	435	50.00	ug/l	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.08	65	488	52.98	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	105.96%	
35) Dibromofluoromethane	4.38	113	78	45.27	ug/l	0.04
Spiked Amount				50.000		
			Recovery	=	90.54%	
50) Toluene-d8	7.82	98	86	19.74	ug/l	0.08
Spiked Amount				50.000		
			Recovery	=	39.48%	
62) 4-Bromofluorobenzene	11.65	95	113	72.10	ug/l	0.14
Spiked Amount				50.000		
			Recovery	=	144.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	83	1.314	ug/l #	1
3) Chloromethane	1.08	50	839	60.875	ug/l	90
4) Vinyl Chloride	1.18	62	263	19.203	ug/l #	22
5) Bromomethane	1.41	94	465	59.533	ug/l #	59
6) Chloroethane	1.48	64	545	106.430	ug/l	96
7) Trichlorofluoromethane	1.58	101	182	9.387	ug/l #	16
8) Diethyl Ether	1.73	74	363	95.160	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	1.94	101	92	7.547	ug/l #	19
10) Methyl Iodide	1.98	142	155	6.342	ug/l #	36
11) Tert butyl alcohol	2.69	59	571	1023.324	ug/l #	70
12) 1,1-Dichloroethene	1.92	96	617	55.741	ug/l #	9
13) Acrolein	2.24	56	494	2282.660	ug/l	96
14) Allyl chloride	2.22	41	741	86.291	ug/l #	43
15) Acrylonitrile	3.10	53	101	48.172	ug/l #	48
16) Acetone	2.32	43	617	292.672	ug/l	95
17) Carbon Disulfide	1.95	76	369	11.406	ug/l #	4
18) Methyl Acetate	2.46	43	194	52.660	ug/l #	46
19) Methyl tert-butyl Ether	2.53	73	587	29.271	ug/l #	1
20) Methylene Chloride	2.36	84	458	42.964	ug/l #	12
21) trans-1,2-Dichloroethene	2.44	96	452	40.727	ug/l #	15
22) Diisopropyl ether	2.95	45	1301	53.326	ug/l #	69
23) Vinyl Acetate	3.36	43	1382	82.742	ug/l #	73
24) 1,1-Dichloroethane	3.02	63	323	17.732	ug/l #	88
25) 2-Butanone	4.53	43	1525	310.627	ug/l #	5
26) 2,2-Dichloropropane	3.78	77	1321	127.718	ug/l	85
27) cis-1,2-Dichloroethene	3.70	96	727	38.969	ug/l	54
28) Bromochloromethane	3.93	49	409	41.277	ug/l #	3
29) Tetrahydrofuran	4.30	42	928	494.217	ug/l #	57
30) Chloroform	4.08	83	164	6.388	ug/l #	59
31) Cyclohexane	3.93	56	637	25.829	ug/l #	50
32) 1,1,1-Trichloroethane	4.30	97	124	8.296	ug/l #	43
36) 1,1-Dichloropropene	4.58	75	593	282.522	ug/l #	53
37) Ethyl Acetate	4.39	43	638	795.161	ug/l #	21
38) Carbon Tetrachloride	4.24	117	150	105.742	ug/l #	51

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.71	83	567	217.047	ug/l #	71
40) Benzene	4.89	78	618	101.167	ug/l #	52
41) Methacrylonitrile	5.05	41	1904	4268.625	ug/l #	47
42) 1,2-Dichloroethane	5.19	62	153	131.689	ug/l #	69
43) Isopropyl Acetate	7.20	43	966	911.392	ug/l #	99
44) Trichloroethene	5.79	130	80	46.403	ug/l #	3
45) 1,2-Dichloropropane	6.54	63	164	106.983	ug/l #	44
46) Dibromomethane	6.38	93	117	130.725	ug/l #	2
47) Bromodichloromethane	6.66	83	166	91.072	ug/l #	7
48) Methyl methacrylate	6.98	41	499	913.511	ug/l #	53
49) 1,4-Dioxane	7.22	88	238	33055.058	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	1391	1838.203	ug/l #	91
52) Toluene	7.90	92	207	62.914	ug/l #	1
53) t-1,3-Dichloropropene	8.51	75	80	52.966	ug/l #	1
54) cis-1,3-Dichloropropene	7.53	75	683	312.394	ug/l #	67
55) 1,1,2-Trichloroethane	8.76	97	272	276.718	ug/l #	13
56) Ethyl methacrylate	8.86	69	374	354.611	ug/l #	75
57) 1,3-Dichloropropane	9.09	76	364	226.768	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.55	63	243	659.256	ug/l #	51
59) 2-Hexanone	9.78	43	1035	1918.927	ug/l #	92
60) Dibromochloromethane	8.96	129	134	110.112	ug/l #	35
61) 1,2-Dibromoethane	9.28	107	142	139.100	ug/l #	1
64) Tetrachloroethene	8.31	164	64	61.693	ug/l #	5
65) Chlorobenzene	9.90	112	96	36.823	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.03	131	66	63.567	ug/l #	1
67) Ethyl Benzene	10.01	91	455	101.703	ug/l #	95
68) m/p-Xylenes	10.11	106	273	159.465	ug/l #	90
69) o-Xylene	10.82	106	534	308.081	ug/l #	41
70) Styrene	10.92	104	253	99.030	ug/l #	1
71) Bromoform	10.86	173	76	152.585	ug/l #	28
73) Isopropylbenzene	11.23	105	291	9.587	ug/l #	44
74) N-amyl acetate	11.26	43	726	84.866	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.81	83	69	10.645	ug/l #	25
76) 1,2,3-Trichloropropane	11.86	75	354	82.392	ug/l #	42
77) Bromobenzene	11.62	156	95	12.457	ug/l #	30
78) n-propylbenzene	11.70	91	143	3.902	ug/l #	49
79) 2-Chlorotoluene	11.78	91	110	5.246	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.83	105	108	4.351	ug/l #	72
81) trans-1,4-Dichloro-2-buten	11.94	75	221	121.494	ug/l #	84
82) 4-Chlorotoluene	11.96	91	187	9.074	ug/l #	74
83) tert-Butylbenzene	12.15	119	390	15.857	ug/l #	30
84) 1,2,4-Trimethylbenzene	12.33	105	186	7.903	ug/l #	24
85) sec-Butylbenzene	12.35	105	176	5.431	ug/l #	55
86) p-Isopropyltoluene	12.51	119	206	7.636	ug/l #	19
87) 1,3-Dichlorobenzene	12.58	146	74	5.502	ug/l #	1
88) 1,4-Dichlorobenzene	12.65	146	175	13.942	ug/l #	23
89) n-Butylbenzene	12.92	91	189	6.965	ug/l #	24
90) Hexachloroethane	12.86	117	150	22.798	ug/l #	80
91) 1,2-Dichlorobenzene	13.00	146	127	10.743	ug/l #	36
92) 1,2-Dibromo-3-Chloropropan	13.74	75	372	526.780	ug/l #	15

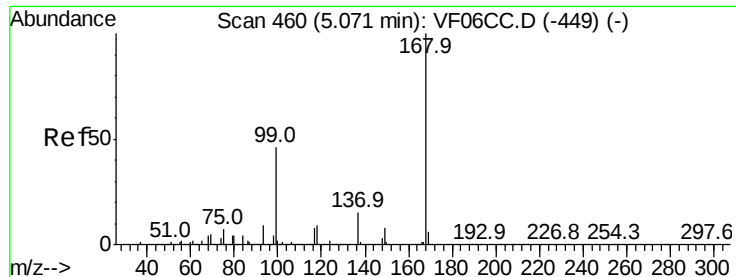
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.29	180	139	17.125	ug/l #	10
94) Hexachlorobutadiene	14.20	225	171	30.452	ug/l #	19
95) Naphthalene	14.51	128	418	31.433	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.63	180	250	33.741	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

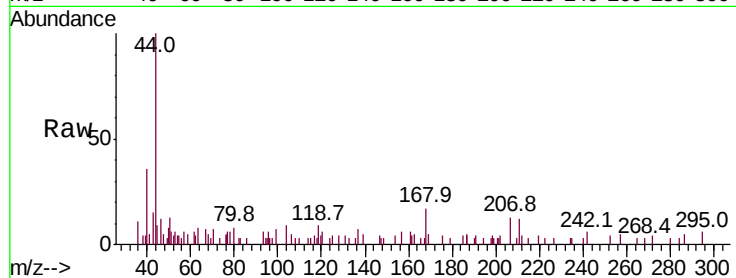
FK-SF-02-004-A

Tot Ion:168 Resp: 1332

Ion Ratio Lower Upper

168 100

99 39.7 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.09

600

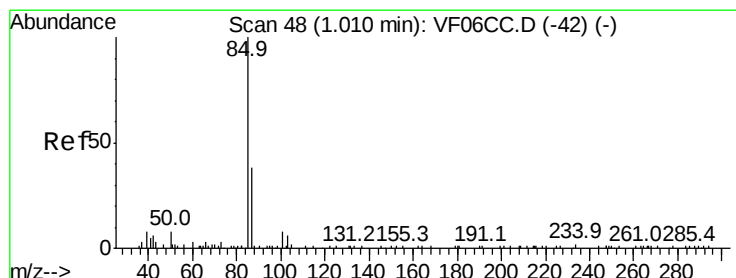
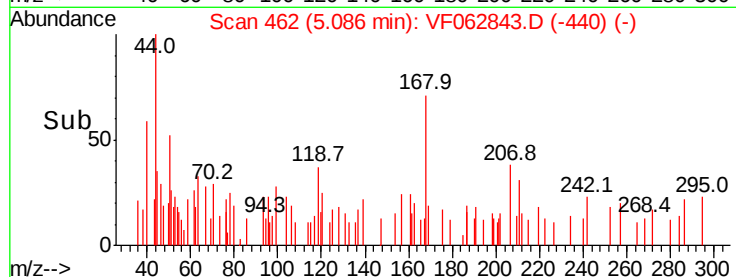
400

200

0

5.05 5.10 5.15

Time-->



#2

Dichlorodifluoromethane

Concen: 1.314 ug/l

RT: 1.00 min Scan# 47

Delta R.T. -0.02 min

Lab File: VF062843.D

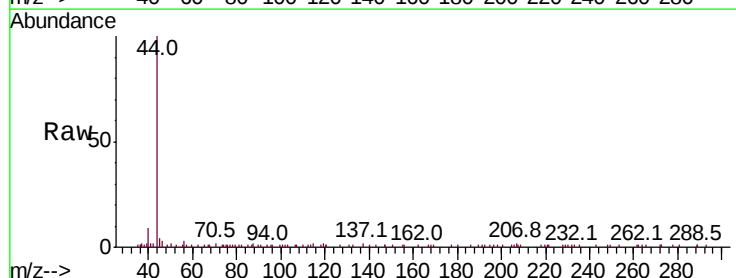
Acq: 4 Jun 2019 17:14

Tgt Ion: 85 Resp: 83

Ion Ratio Lower Upper

85 100

87 314.2 17.6 52.9#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

500

400

300

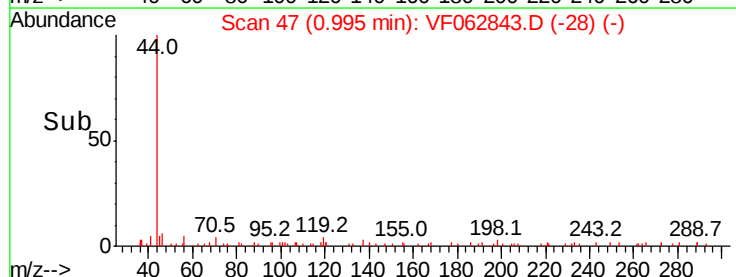
200

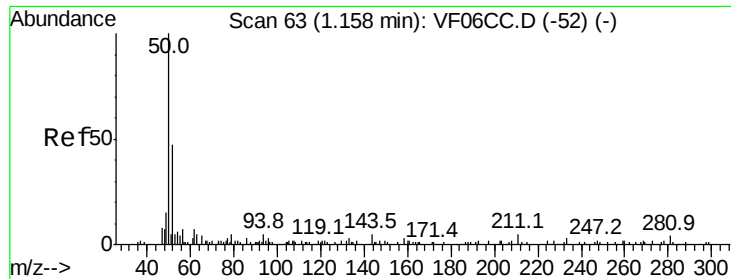
100

0

0.98 1.00 1.02

Time-->





#3

Chloromethane

Concen: 60.875 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.07 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

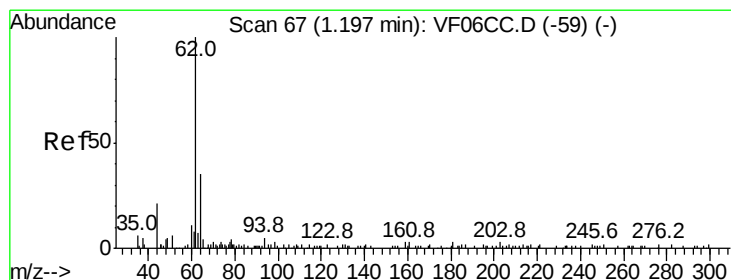
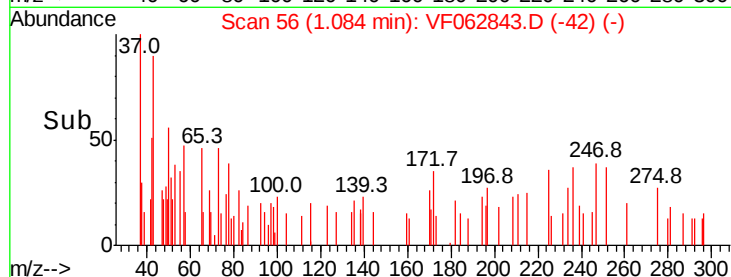
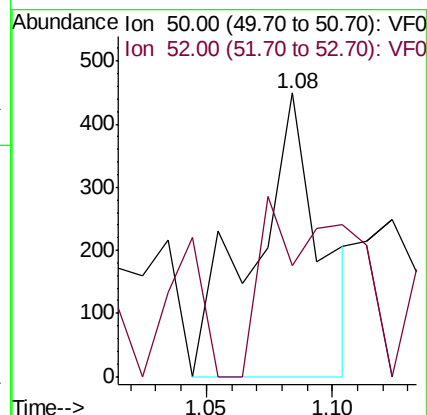
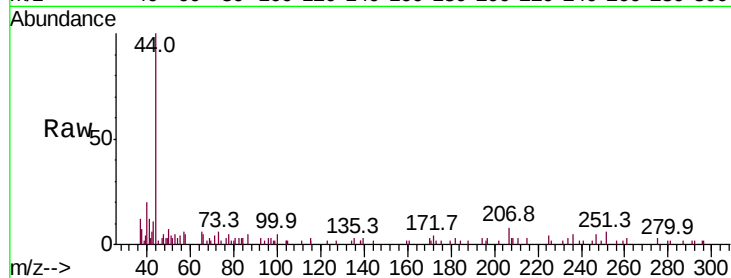
FK-SF-02-004-A

Tot Ion: 50 Resp: 839

Ion Ratio Lower Upper

50 100

52 39.2 27.0 40.4



#4

Vinyl Chloride

Concen: 19.203 ug/l

RT: 1.18 min Scan# 66

Delta R.T. -0.02 min

Lab File: VF062843.D

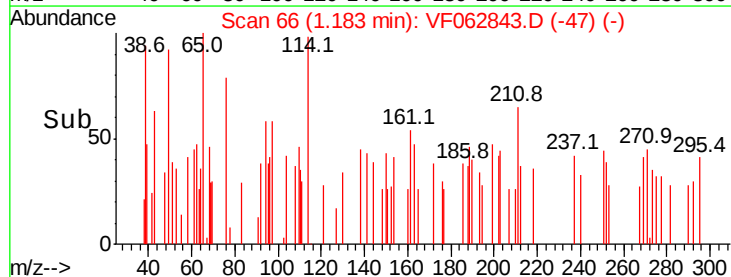
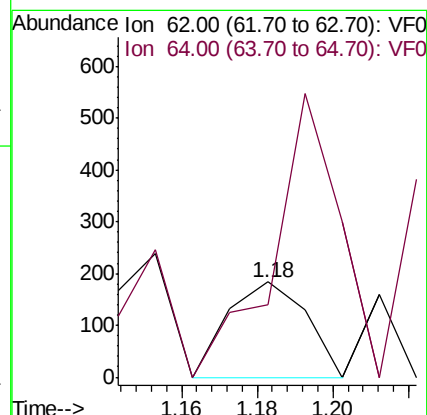
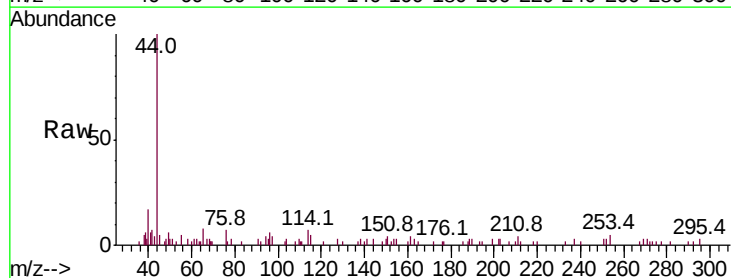
Acq: 4 Jun 2019 17:14

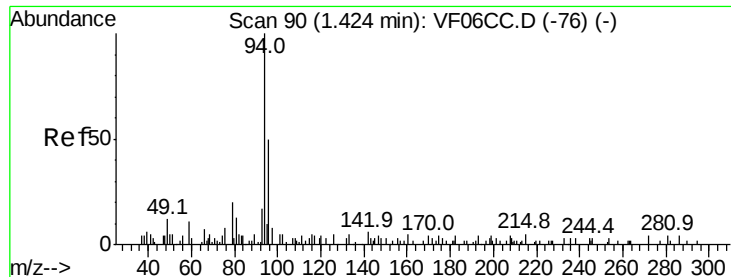
Tgt Ion: 62 Resp: 263

Ion Ratio Lower Upper

62 100

64 76.5 26.2 39.2#





#5

Bromomethane

Concen: 59.533 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.00 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

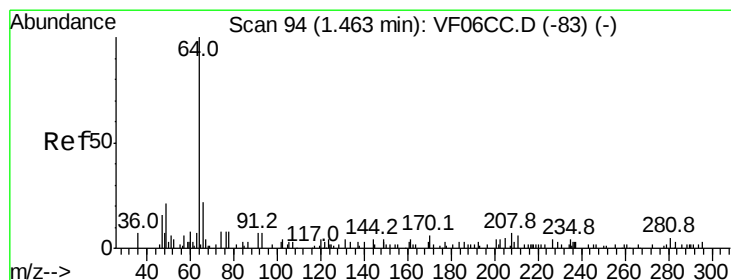
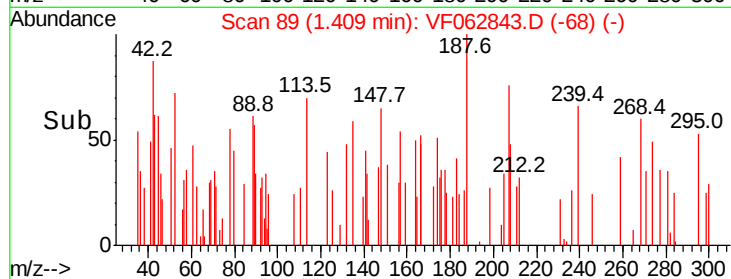
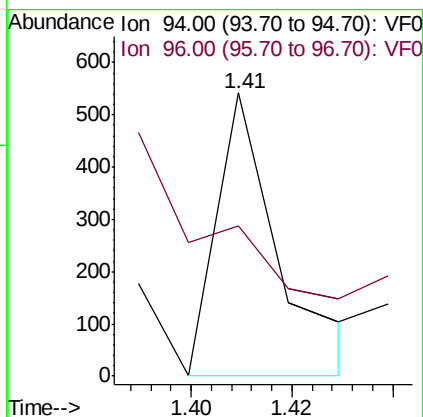
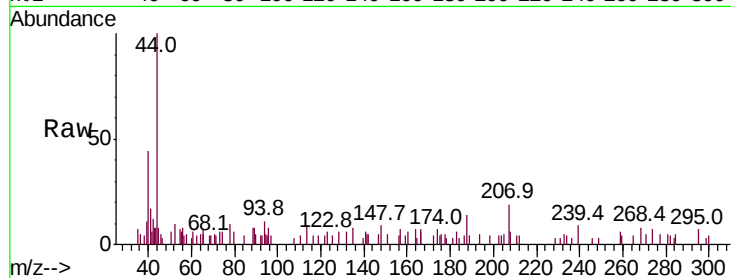
FK-SF-02-004-A

Tot Ion: 94 Resp: 465

Ion Ratio Lower Upper

94 100

96 53.0 73.8 110.6#



#6

Chloroethane

Concen: 106.430 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.01 min

Lab File: VF062843.D

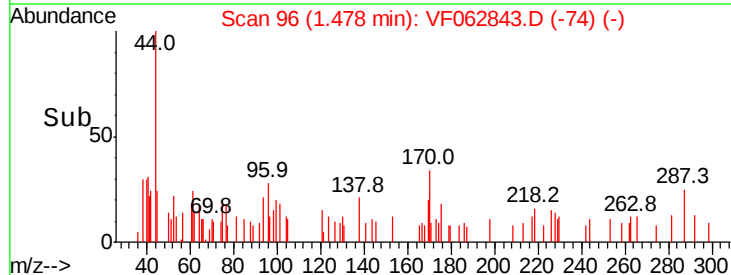
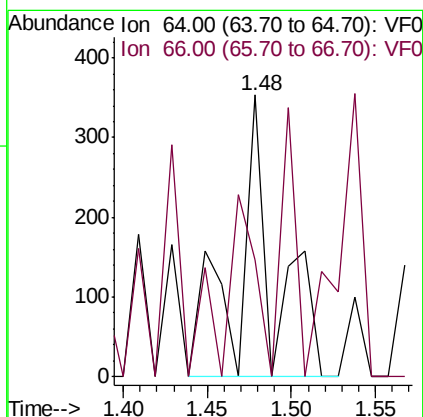
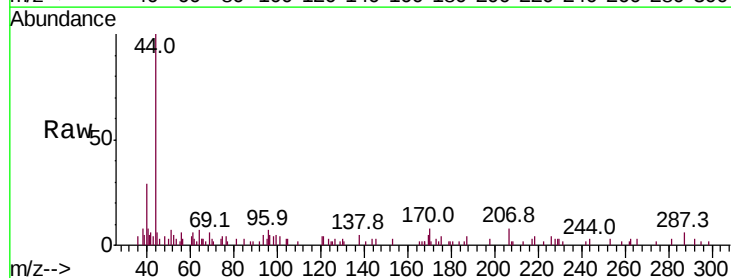
Acq: 4 Jun 2019 17:14

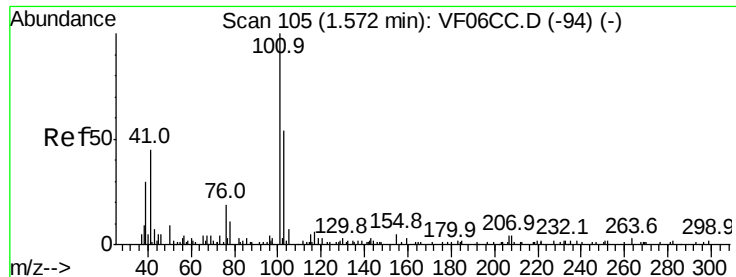
Tgt Ion: 64 Resp: 545

Ion Ratio Lower Upper

64 100

66 41.4 31.0 46.4



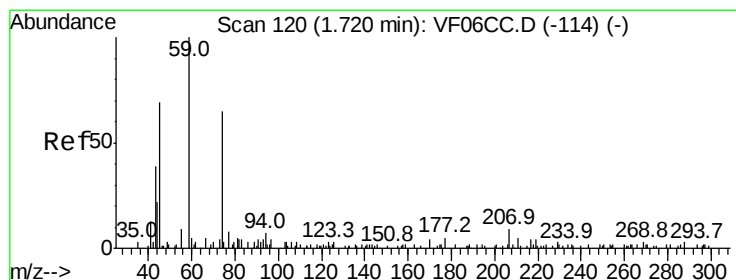
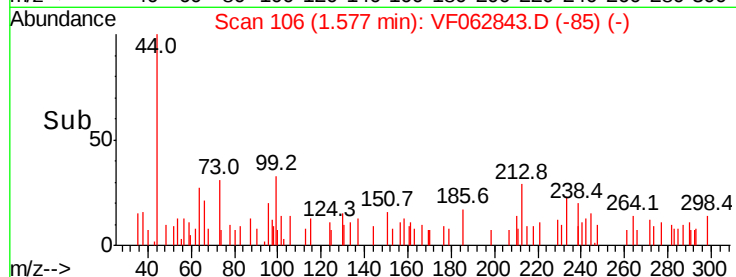
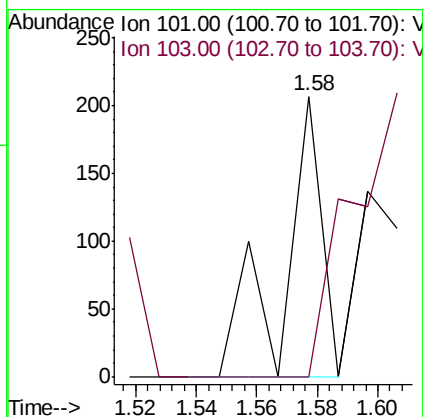
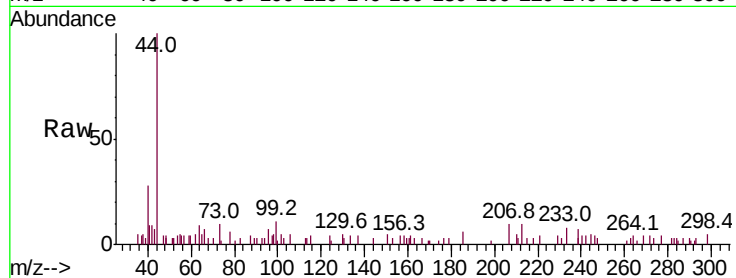


#7

Trichlorofluoromethane
 Concen: 9.387 ug/l
 RT: 1.58 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

Instrument :
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 FK-SF-02-004-A

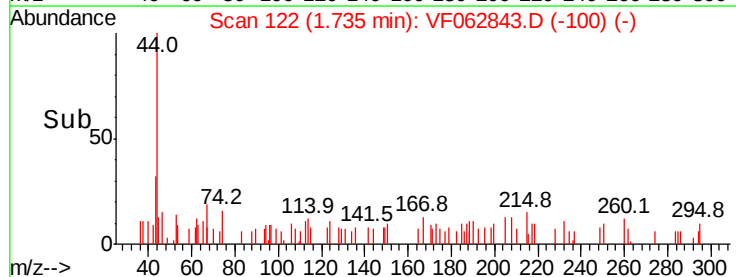
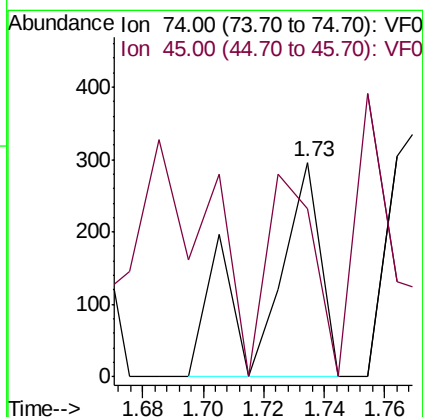
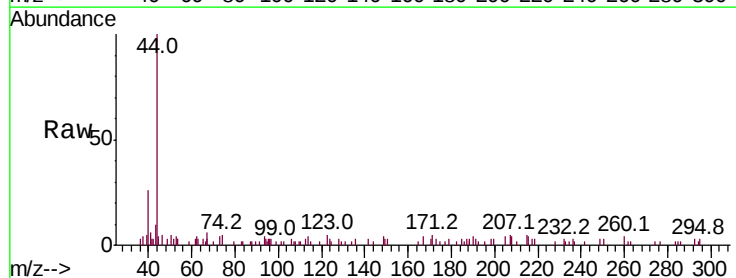
Tot Ion:101 Resp: 182
 Ion Ratio Lower Upper
 101 100
 103 0.0 54.6 82.0#

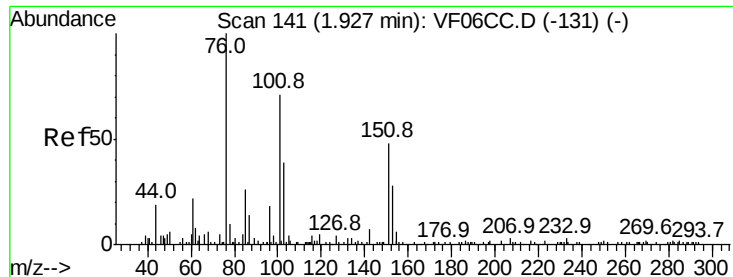


#8

Diethyl Ether
 Concen: 95.160 ug/l
 RT: 1.73 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

Tgt Ion: 74 Resp: 363
 Ion Ratio Lower Upper
 74 100
 45 78.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.547 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.00 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

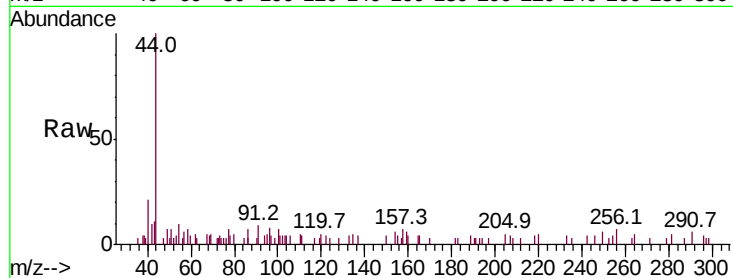
Tot Ion:101 Resp: 92

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

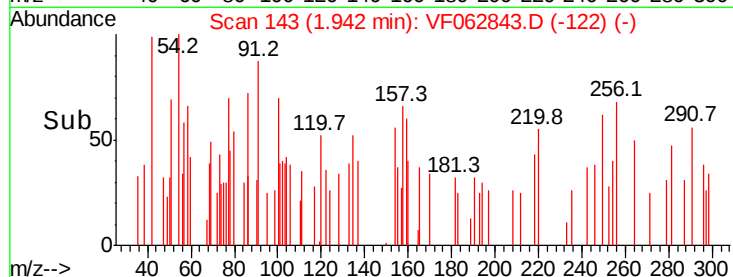
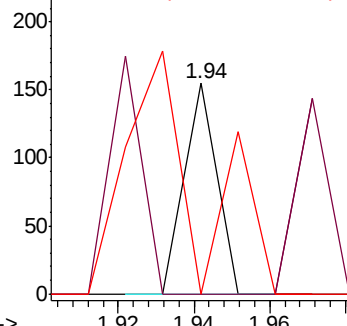
151 0.0 60.3 90.5#



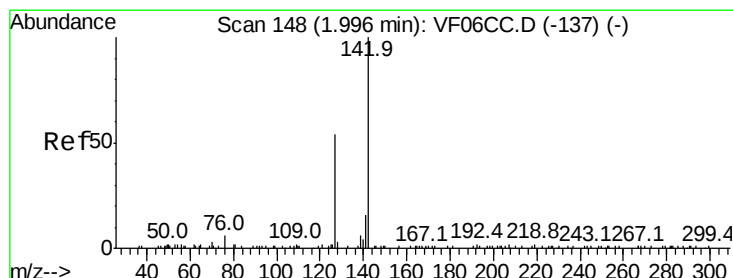
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



Time-->



#10

Methyl Iodide

Concen: 6.342 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.04 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

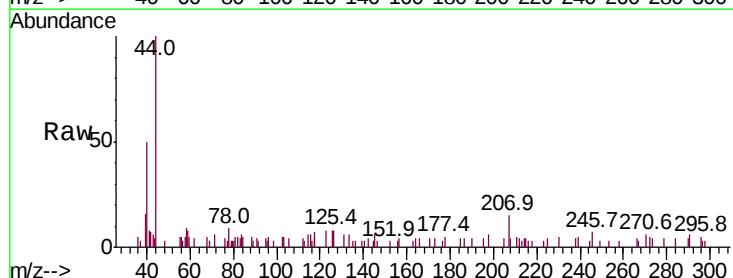
Tgt Ion:142 Resp: 155

Ion Ratio Lower Upper

142 100

127 0.0 39.4 59.2#

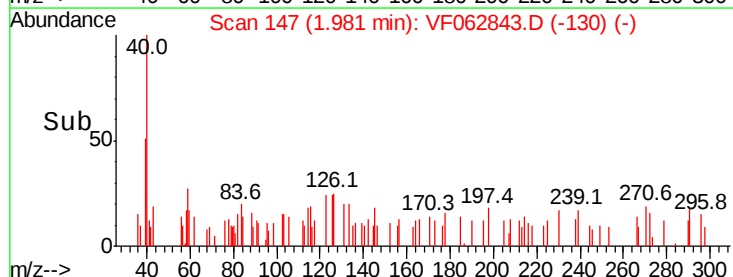
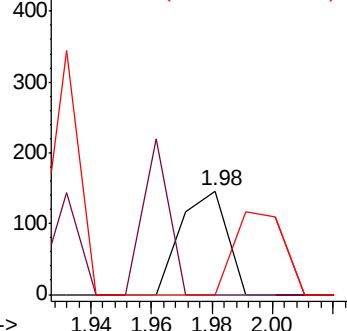
141 0.0 10.6 15.8#



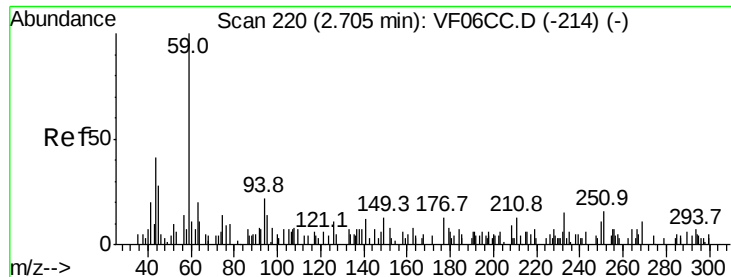
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



Time-->

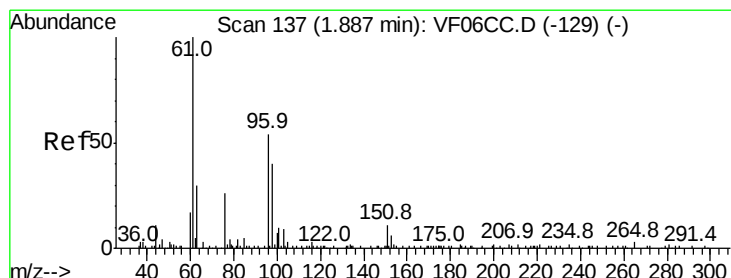
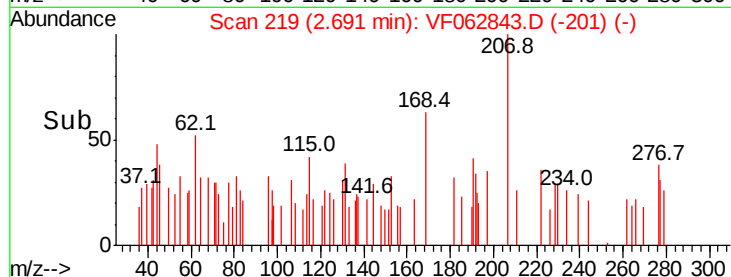
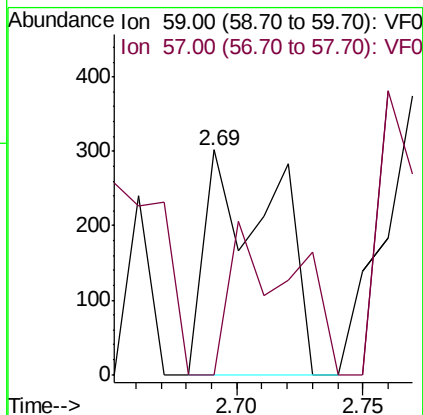
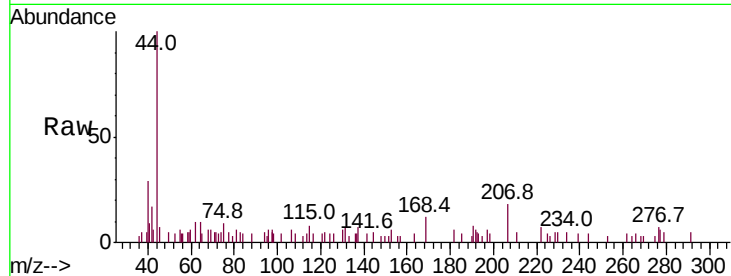


#11

Tert butyl alcohol
Concen: 1023.324 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.03 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

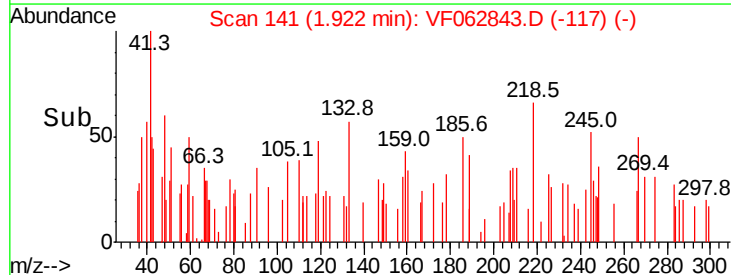
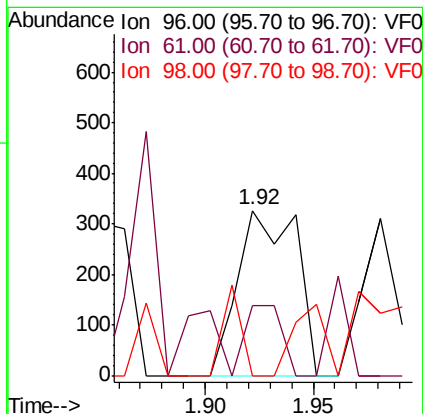
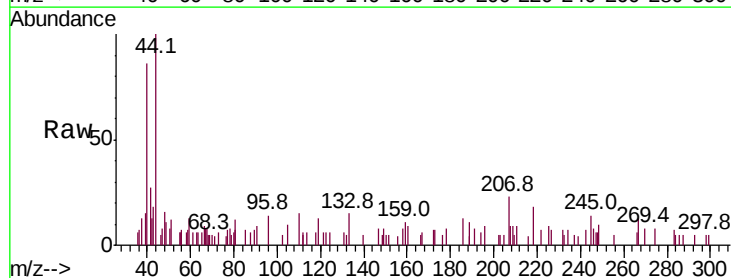
Tot Ion: 59 Resp: 571
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

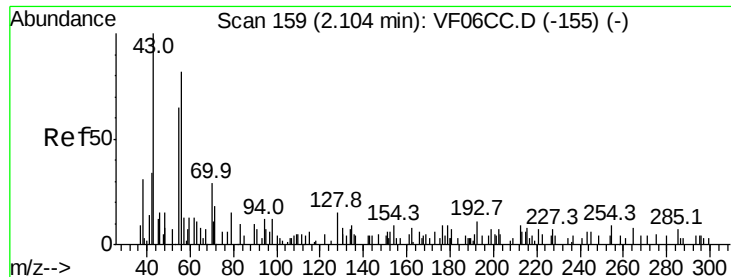


#12

1,1-Dichloroethene
Concen: 55.741 ug/l
RT: 1.92 min Scan# 141
Delta R.T. 0.03 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 96 Resp: 617
Ion Ratio Lower Upper
96 100
61 42.0 139.4 209.2#
98 0.0 50.3 75.5#

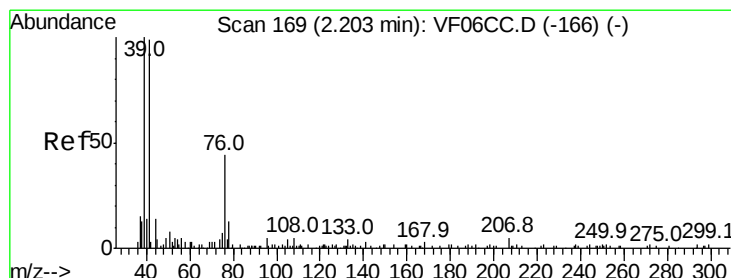
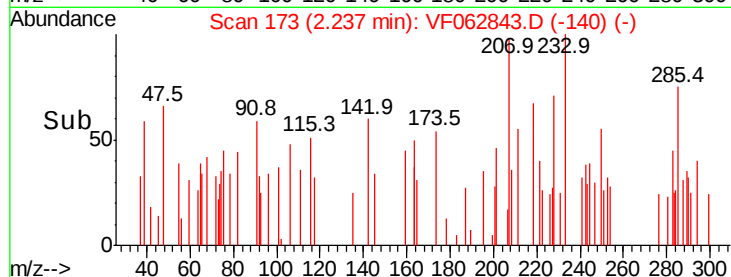
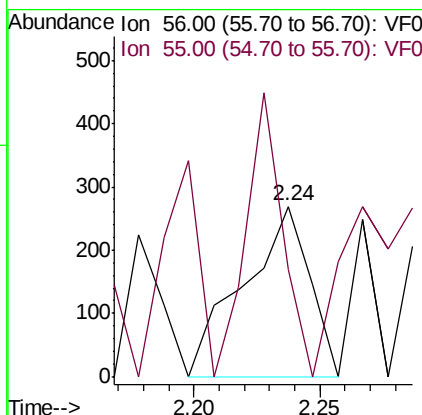
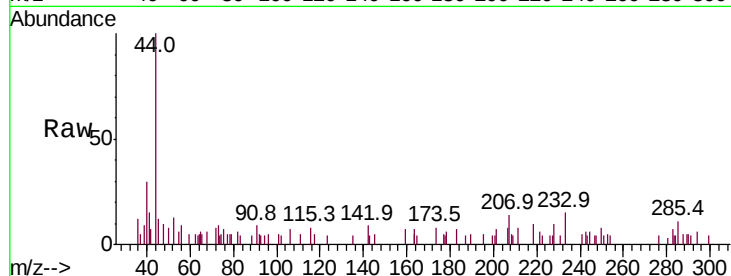




#13
Acrolein
Concen: 2282.660 ug/l
RT: 2.24 min Scan# 173
Delta R.T. 0.12 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

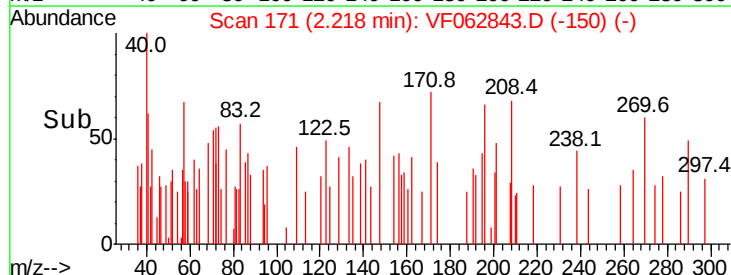
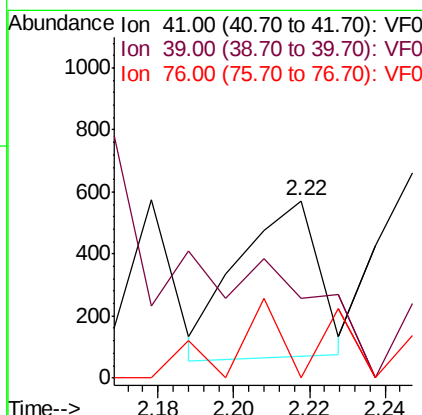
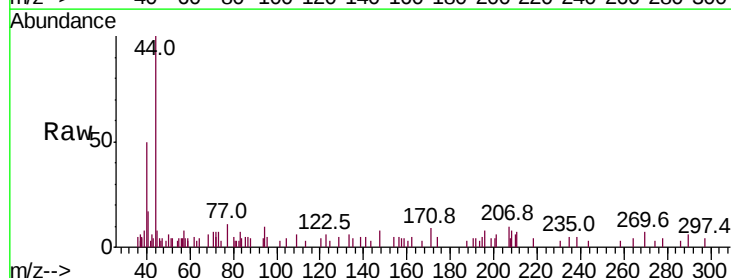
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

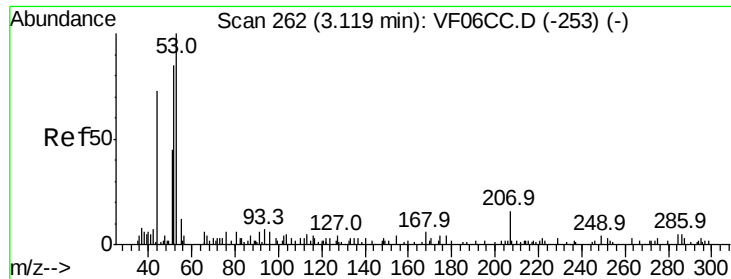
Tot Ion: 56 Resp: 494
Ion Ratio Lower Upper
56 100
55 63.2 52.9 79.3



#14
Allyl chloride
Concen: 86.291 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.00 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 41 Resp: 741
Ion Ratio Lower Upper
41 100
39 44.8 71.9 107.9#
76 0.0 39.6 59.4#





#15

Acrylonitrile

Concen: 48.172 ug/l

RT: 3.10 min Scan# 261

Delta R.T. -0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

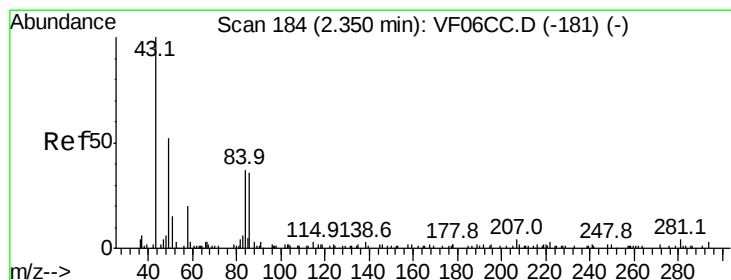
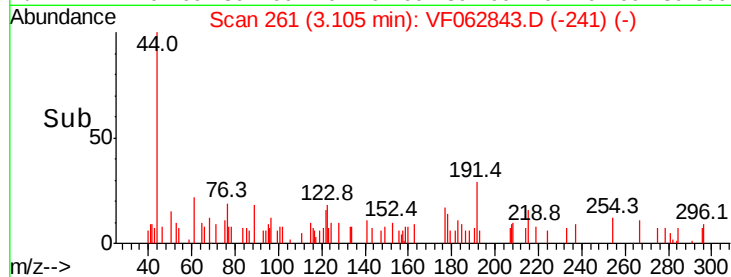
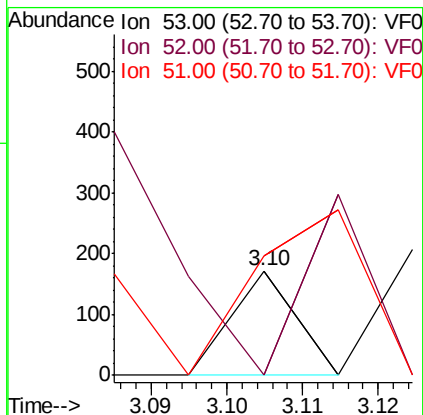
Tot Ion: 53 Resp: 101

Ion Ratio Lower Upper

53 100

52 100.0 68.1 102.1

51 115.2 27.7 41.5#



#16

Acetone

Concen: 292.672 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.05 min

Lab File: VF062843.D

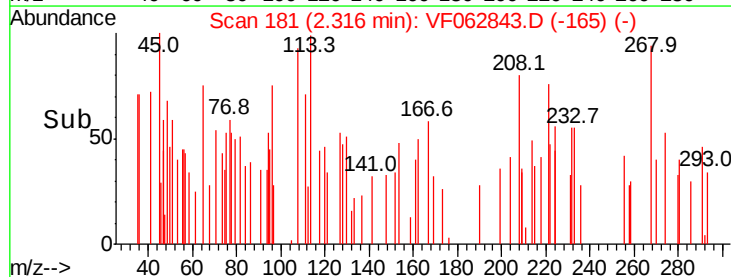
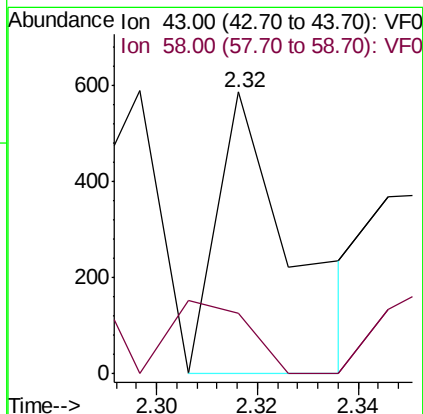
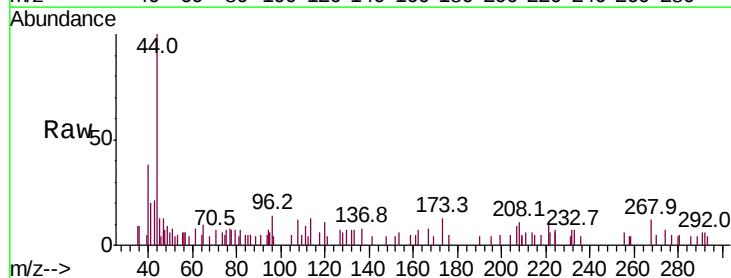
Acq: 4 Jun 2019 17:14

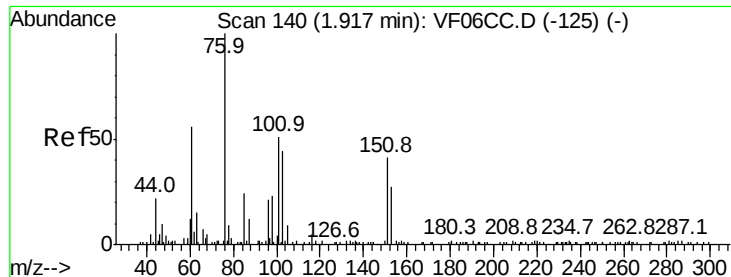
Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

43 100

58 21.3 19.0 28.4





#17

Carbon Disulfide

Concen: 11.406 ug/l

RT: 1.95 min Scan# 144

Delta R.T. 0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

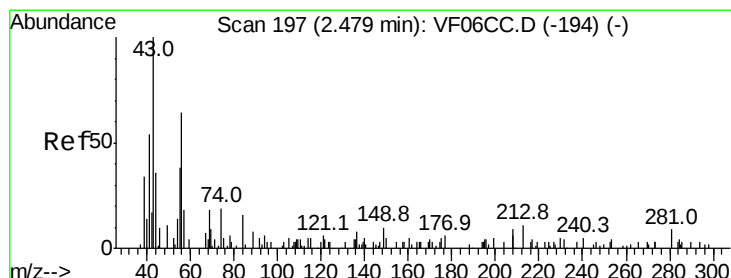
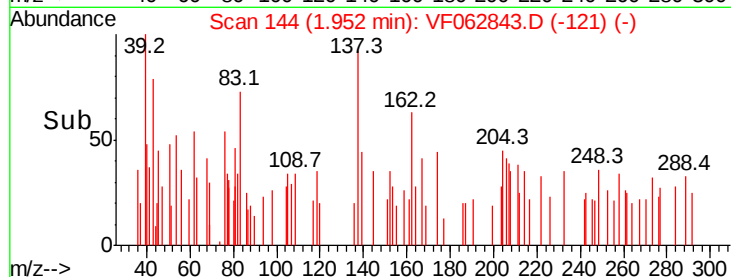
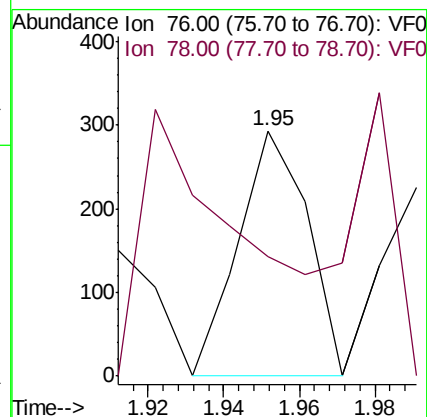
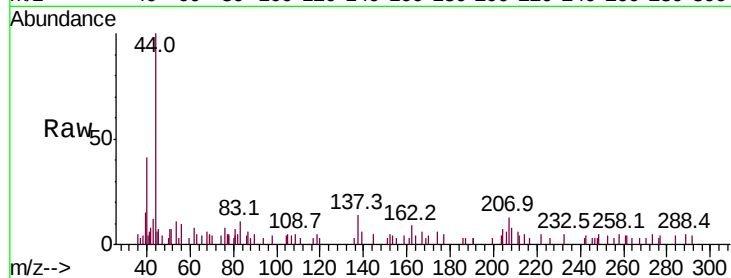
FK-SF-02-004-A

Tot Ion: 76 Resp: 369

Ion Ratio Lower Upper

76 100

78 48.8 9.4 14.2#



#18

Methyl Acetate

Concen: 52.660 ug/l

RT: 2.46 min Scan# 196

Delta R.T. -0.02 min

Lab File: VF062843.D

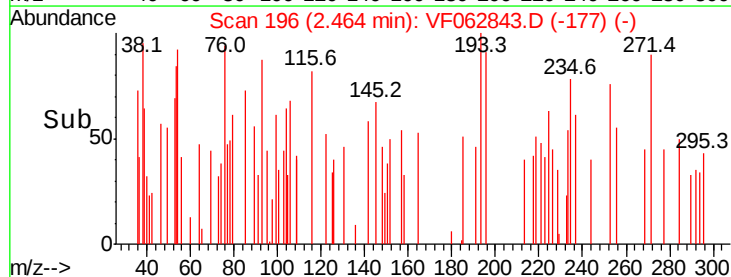
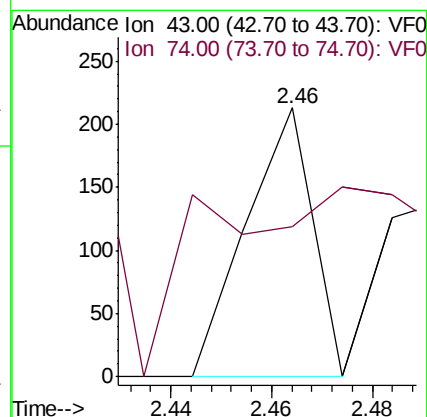
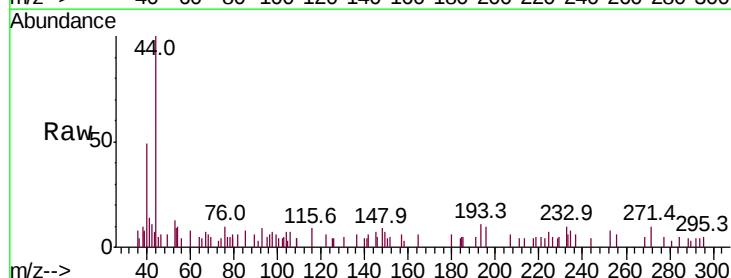
Acq: 4 Jun 2019 17:14

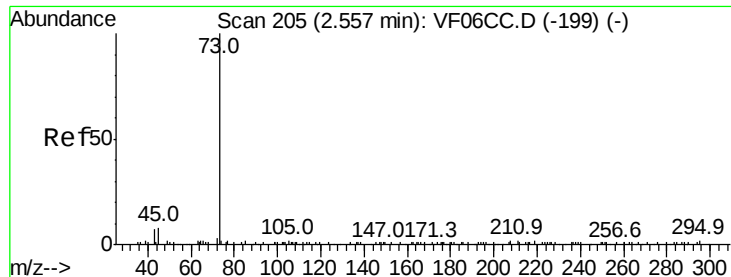
Tgt Ion: 43 Resp: 194

Ion Ratio Lower Upper

43 100

74 55.9 22.1 33.1#





#19

Methyl tert-butyl Ether

Concen: 29.271 ug/l

RT: 2.53 min Scan# 203

Delta R.T. -0.03 min

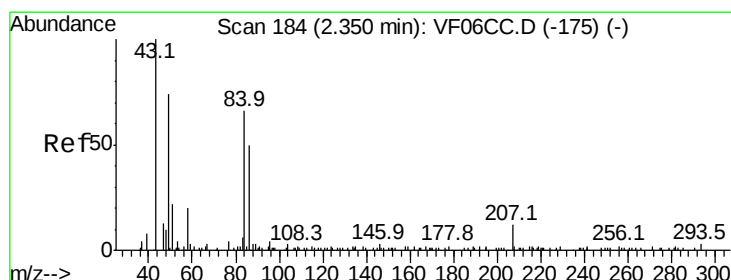
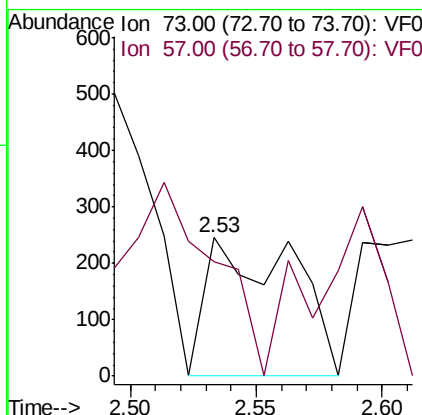
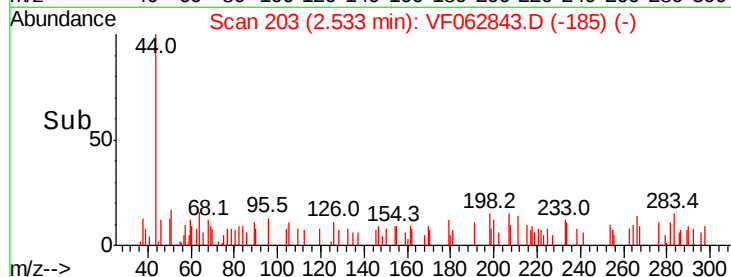
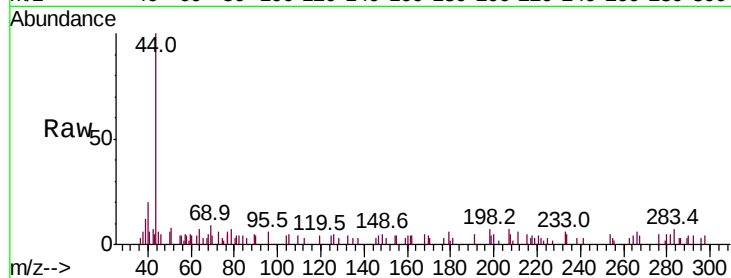
Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

Tot Ion: 73 Resp: 587

Ion	Ratio	Lower	Upper
73	100		
57	82.4	15.1	22.7#



#20

Methylene Chloride

Concen: 42.964 ug/l

RT: 2.36 min Scan# 185

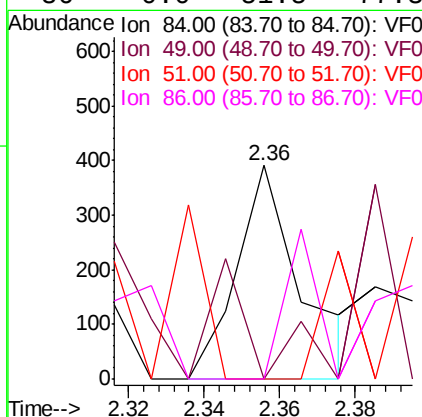
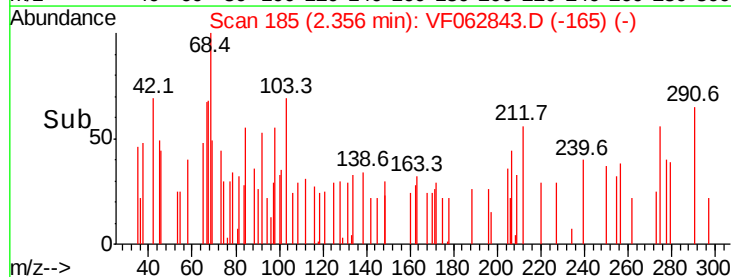
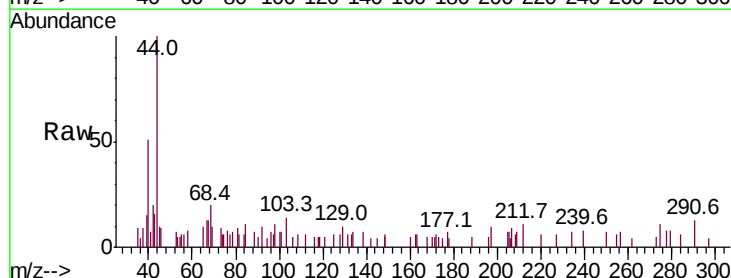
Delta R.T. -0.01 min

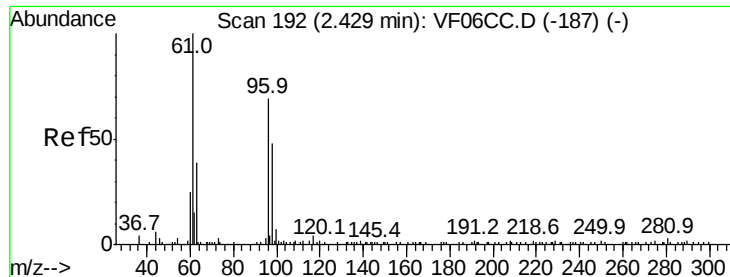
Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Tgt Ion: 84 Resp: 458

Ion	Ratio	Lower	Upper
84	100		
49	0.0	82.6	123.8#
51	0.0	25.0	37.4#
86	0.0	51.5	77.3#





#21

trans-1,2-Dichloroethene

Concen: 40.727 ug/l

RT: 2.44 min Scan# 194

Delta R.T. 0.00 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

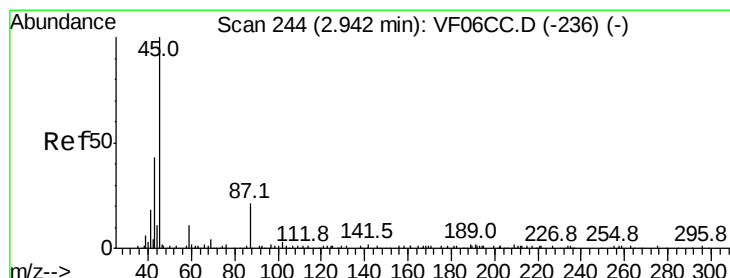
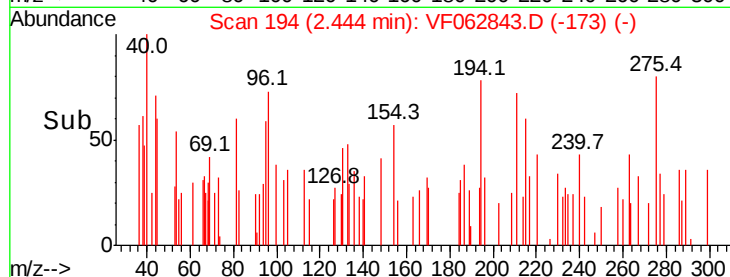
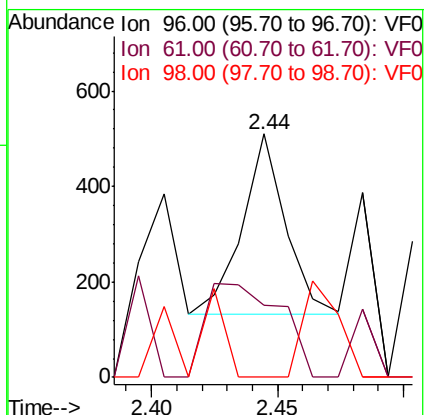
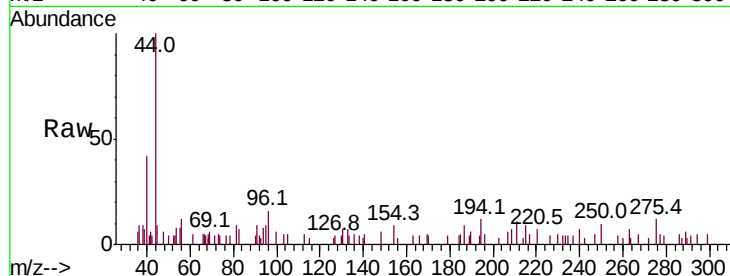
Tot Ion: 96 Resp: 452

Ion Ratio Lower Upper

96 100

61 29.4 105.0 157.6#

98 0.0 51.1 76.7#



#22

Diisopropyl ether

Concen: 53.326 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Tgt Ion: 45 Resp: 1301

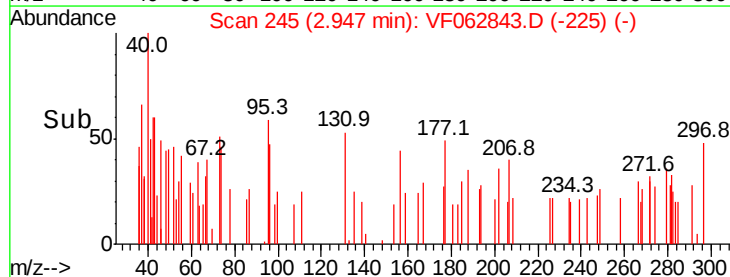
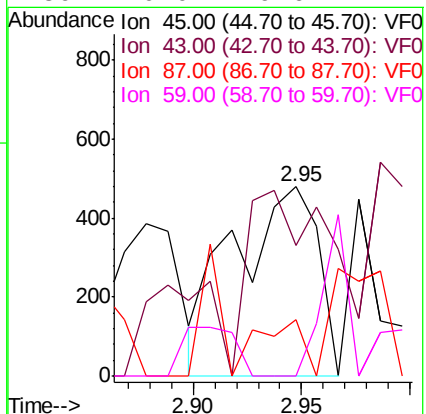
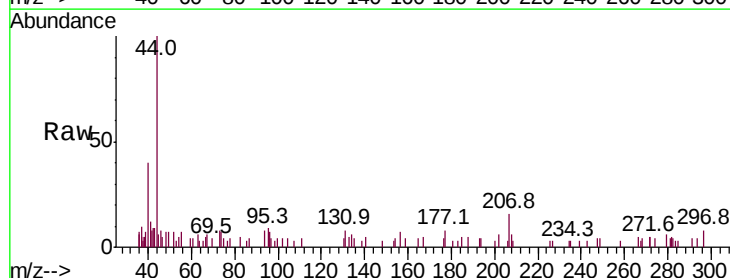
Ion Ratio Lower Upper

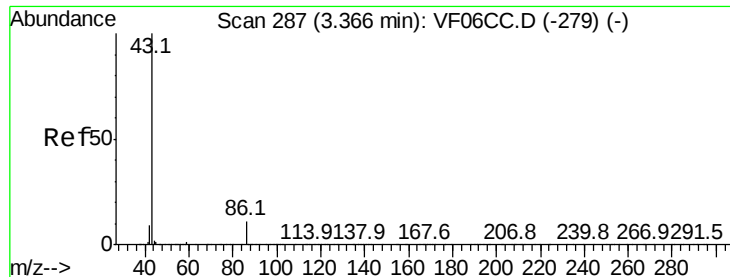
45 100

43 69.2 34.3 51.5#

87 29.6 19.0 28.4#

59 0.0 9.6 14.4#





#23

Vinyl Acetate

Concen: 82.742 ug/l

RT: 3.36 min Scan# 287

Delta R.T. -0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

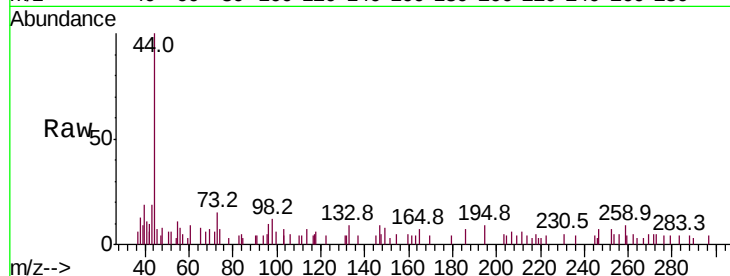
FK-SF-02-004-A

Tot Ion: 43 Resp: 1382

Ion Ratio Lower Upper

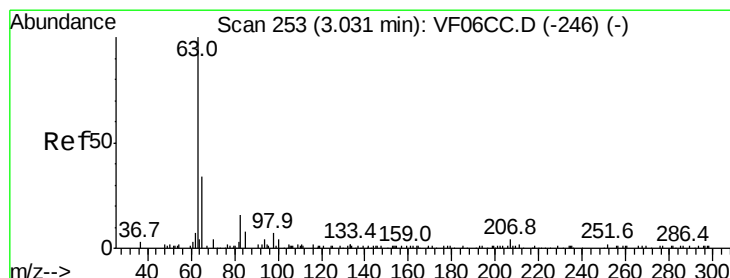
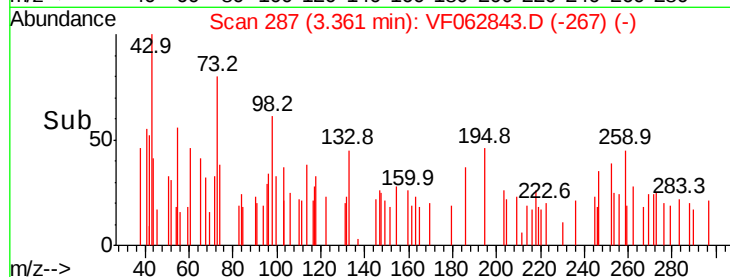
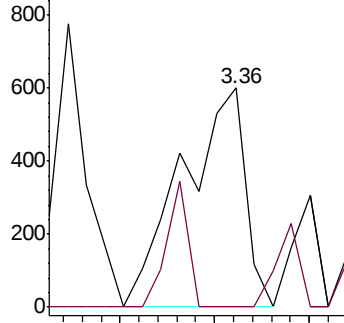
43 100

86 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 17.732 ug/l

RT: 3.02 min Scan# 252

Delta R.T. -0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

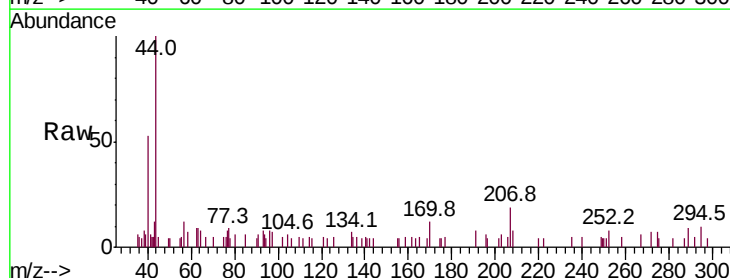
Tgt Ion: 63 Resp: 323

Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

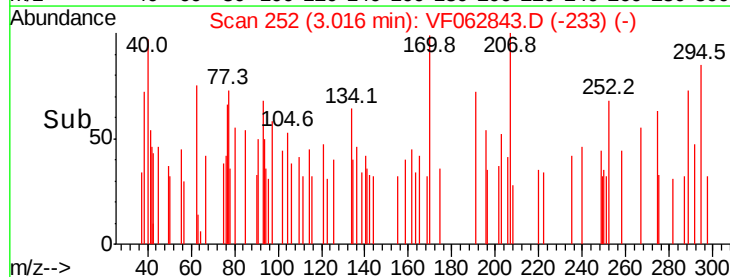
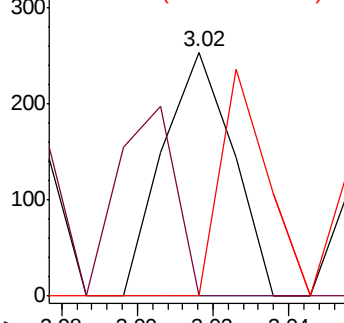
100 0.0 1.5 4.5#

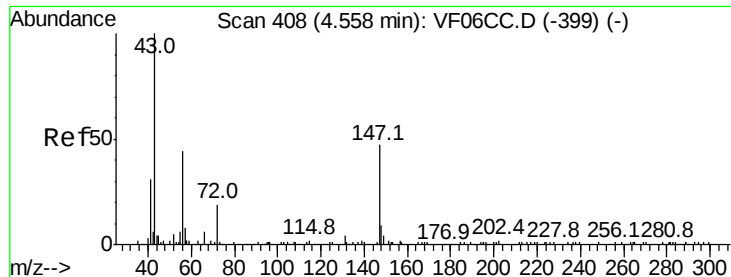


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 310.627 ug/l

RT: 4.53 min Scan# 406

Delta R.T. -0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

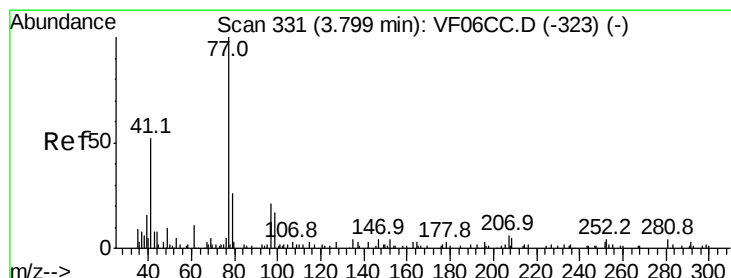
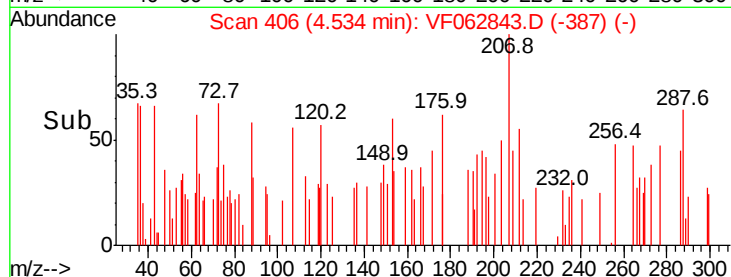
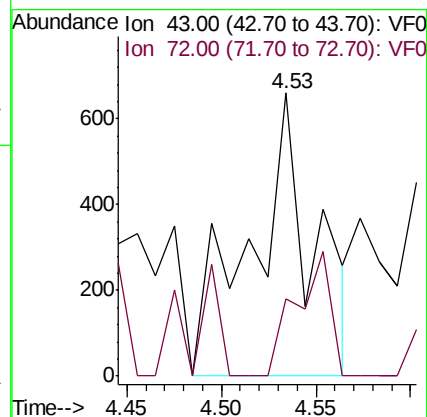
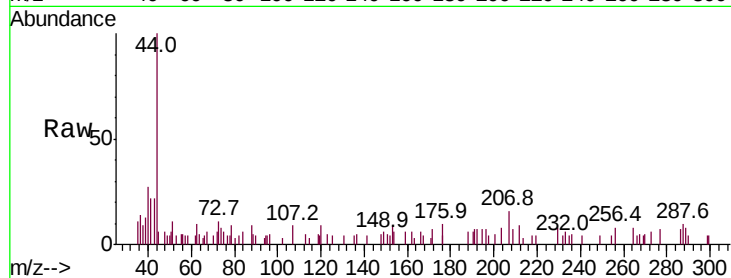
FK-SF-02-004-A

Tot Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

72 75.8 21.4 32.0#



#26

2,2-Dichloropropane

Concen: 127.718 ug/l

RT: 3.78 min Scan# 329

Delta R.T. -0.03 min

Lab File: VF062843.D

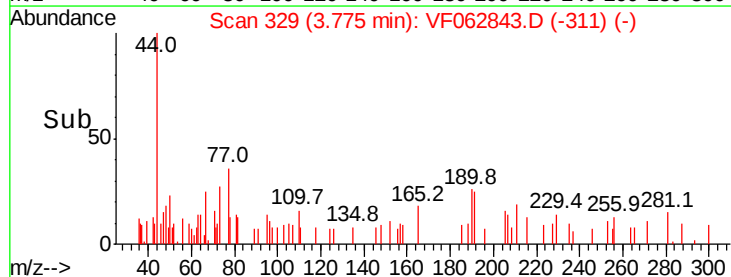
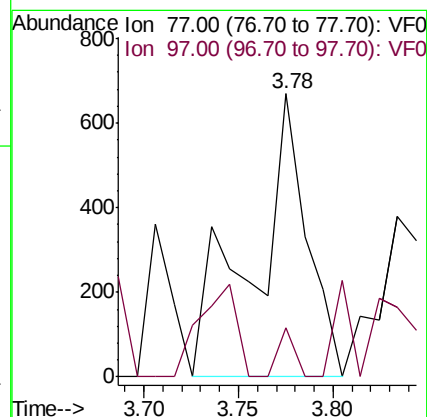
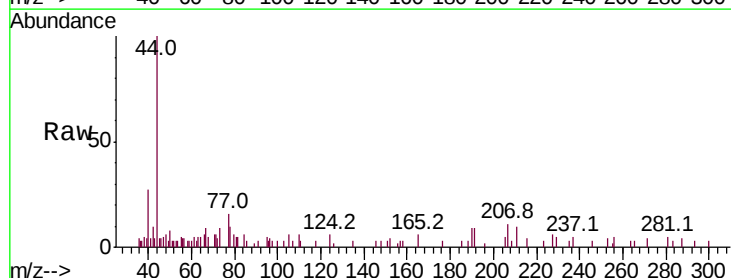
Acq: 4 Jun 2019 17:14

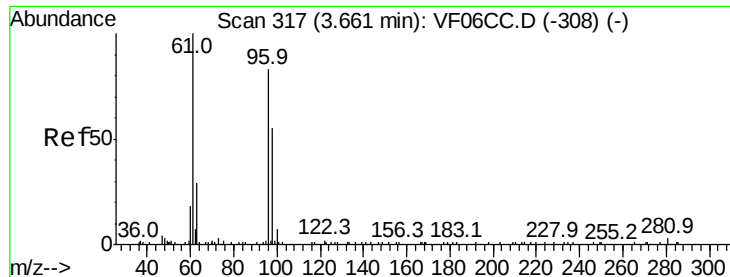
Tgt Ion: 77 Resp: 1321

Ion Ratio Lower Upper

77 100

97 17.2 12.4 37.4



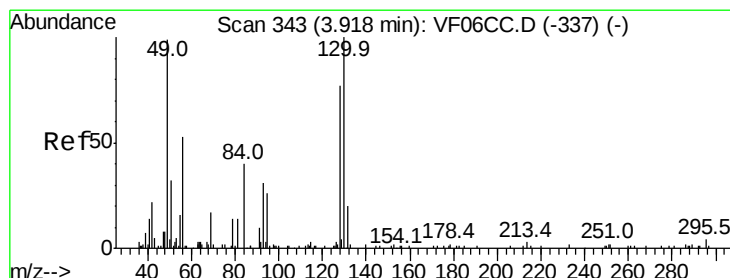
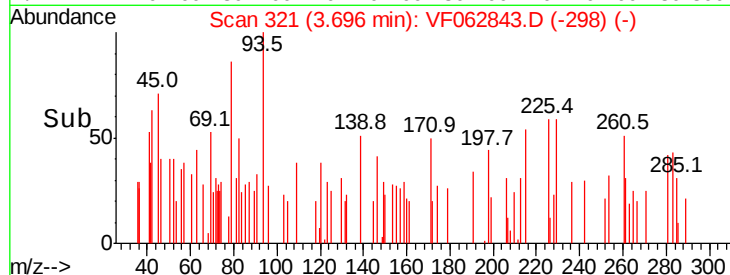
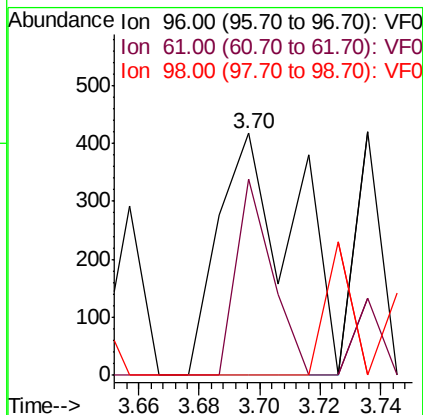
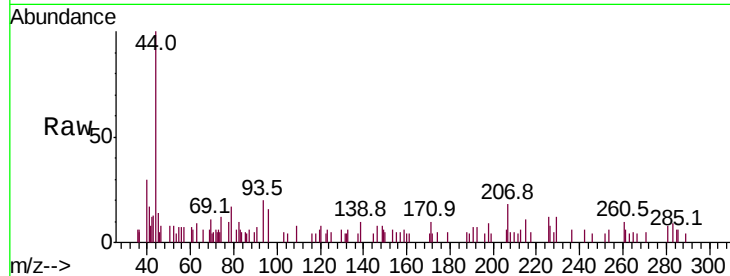


#27

cis-1,2-Dichloroethene
Concen: 38.969 ug/l
RT: 3.70 min Scan# 321
Delta R.T. 0.02 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

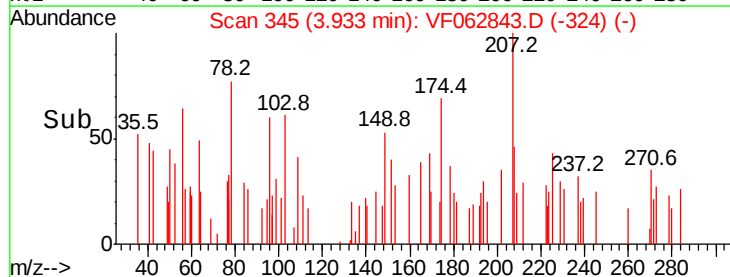
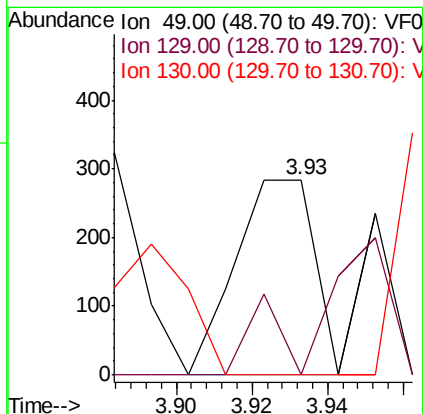
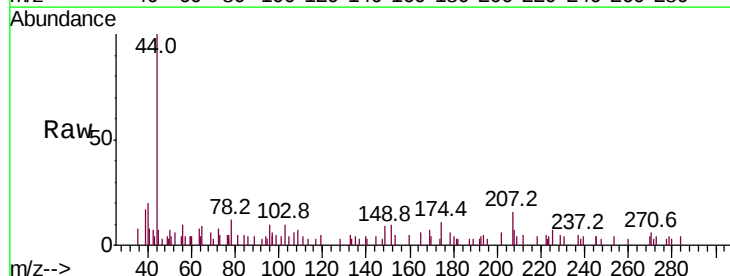
Tot Ion: 96 Resp: 727
Ion Ratio Lower Upper
96 100
61 81.1 0.0 213.8
98 0.0 0.0 127.0

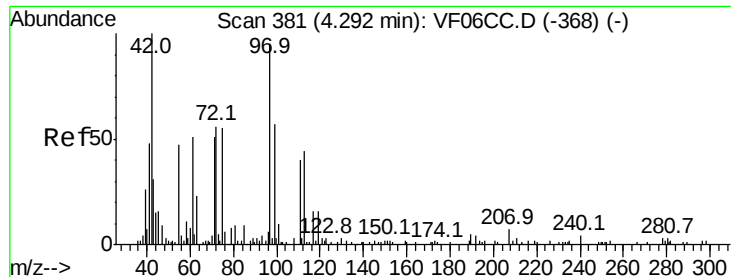


#28

Bromochloromethane
Concen: 41.277 ug/l
RT: 3.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 49 Resp: 409
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 0.0 79.2 118.8#

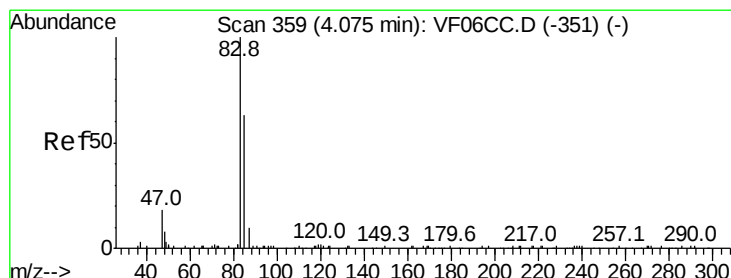
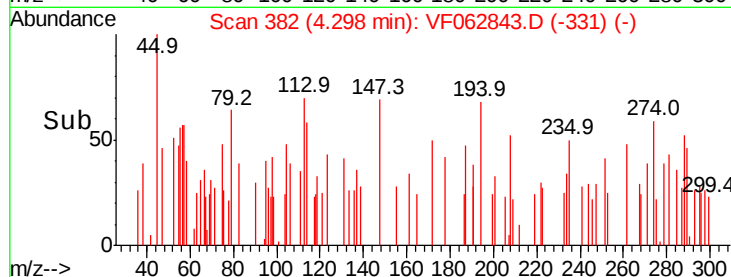
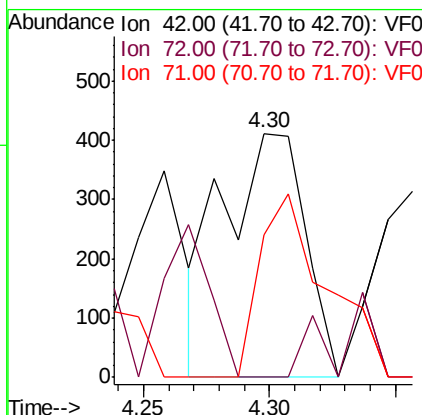
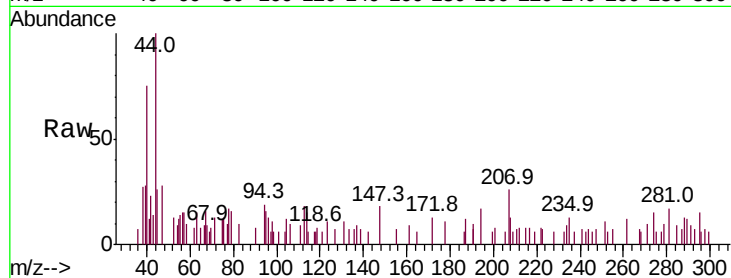




#29
Tetrahydrofuran
Concen: 494.217 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

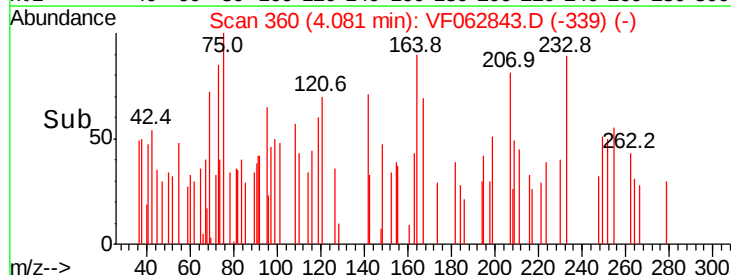
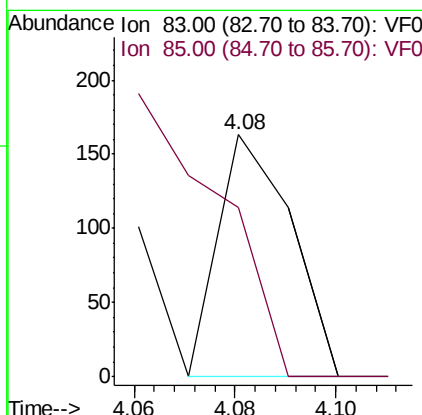
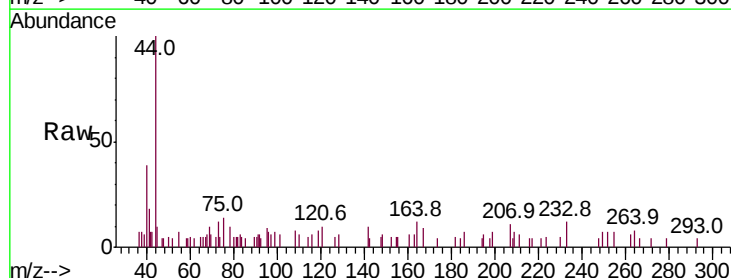
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

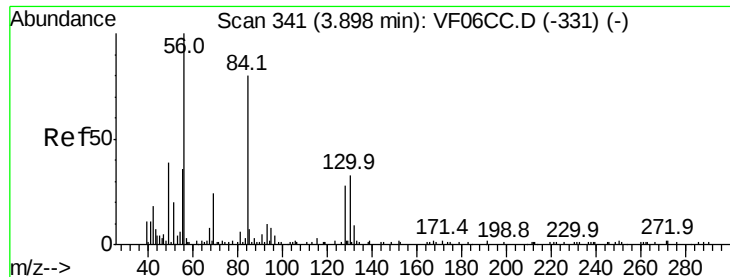
Tot Ion: 42 Resp: 928
Ion Ratio Lower Upper
42 100
72 6.7 39.0 58.6#
71 61.6 36.9 55.3#



#30
Chloroform
Concen: 6.388 ug/l
RT: 4.08 min Scan# 360
Delta R.T. 0.00 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 83 Resp: 164
Ion Ratio Lower Upper
83 100
85 35.6 55.0 82.6#

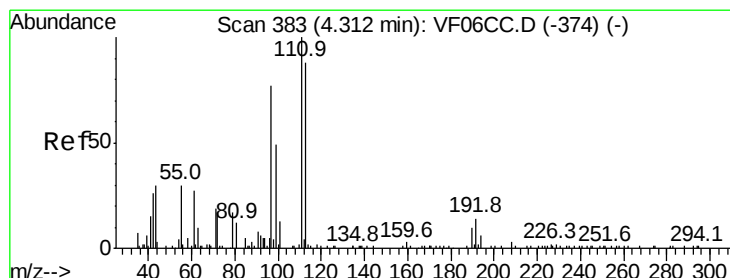
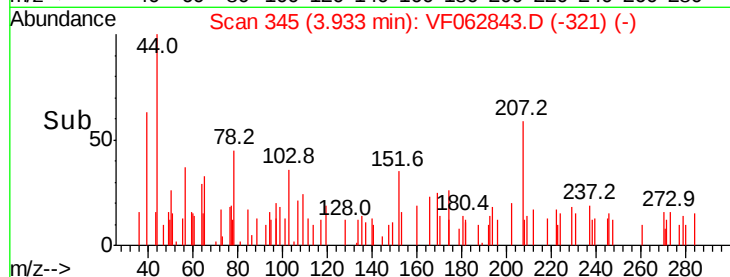
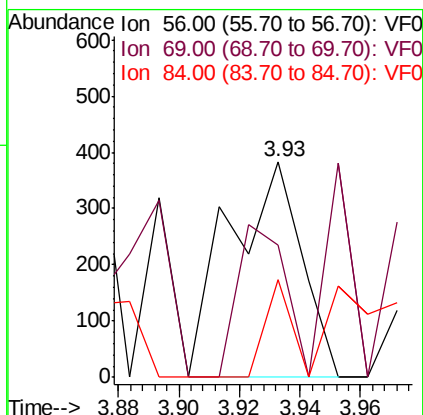
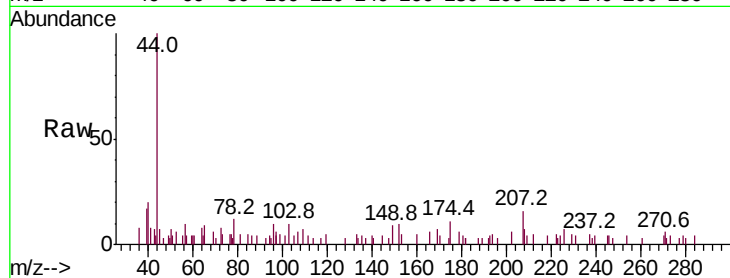




#31
Cvclohexane
Concen: 25.829 ug/l
RT: 3.93 min Scan# 345
Delta R.T. 0.03 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

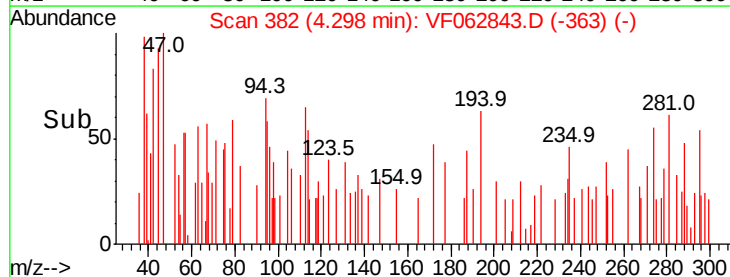
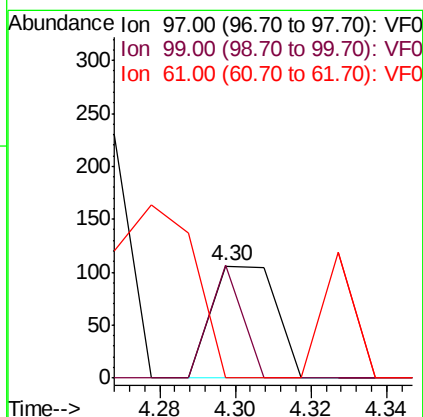
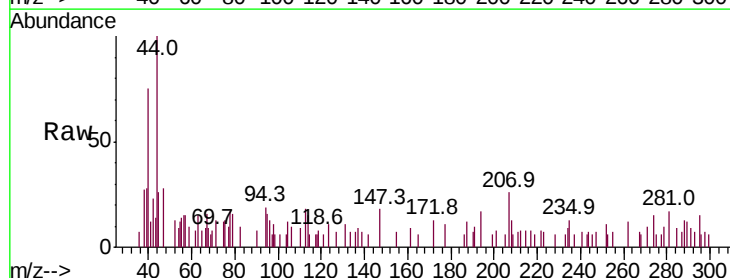
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

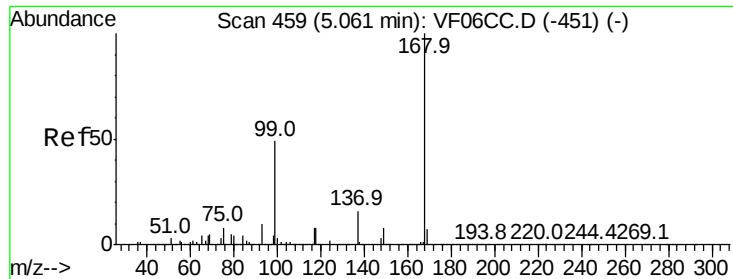
Tot Ion: 56 Resp: 637
Ion Ratio Lower Upper
56 100
69 60.9 26.7 40.1#
84 45.1 74.3 111.5#



#32
1,1,1-Trichloroethane
Concen: 8.296 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 97 Resp: 124
Ion Ratio Lower Upper
97 100
99 100.9 51.7 77.5#
61 0.0 38.9 58.3#

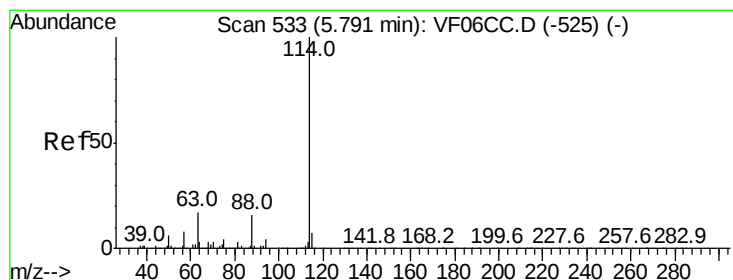
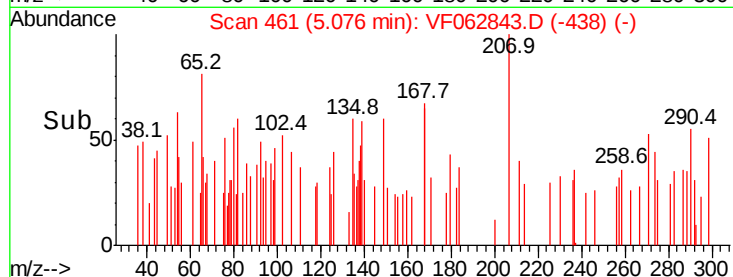
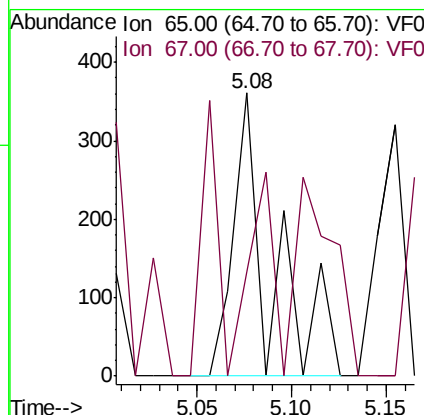
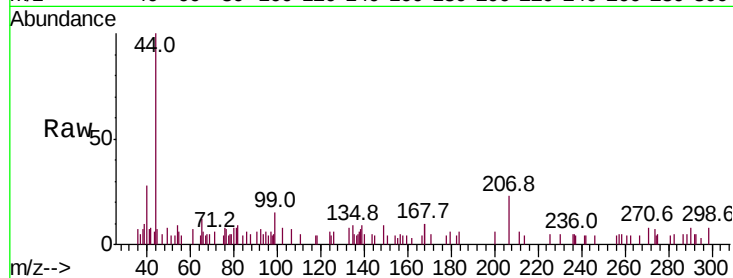




#33
 1,2-Dichloroethane-d4
 Concen: 52.981 ug/l
 RT: 5.08 min Scan# 461
 Delta R.T. 0.02 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

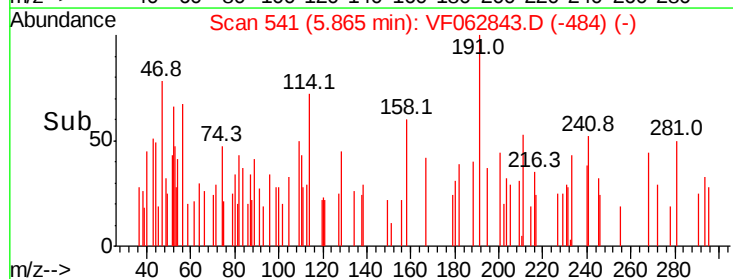
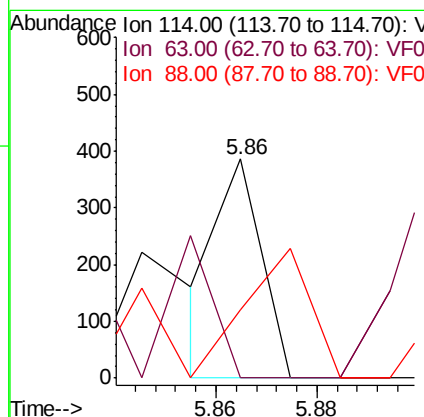
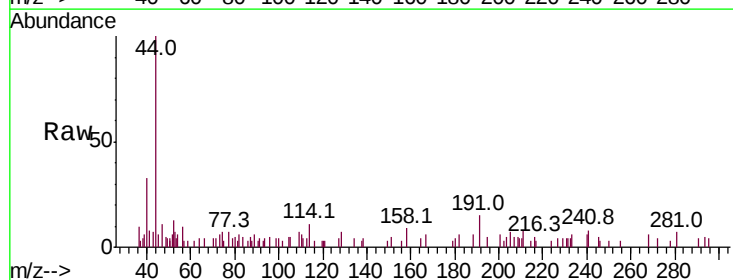
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-02-004-A

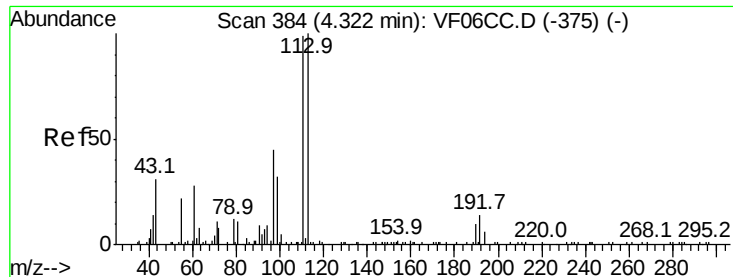
Tot Ion: 65 Resp: 488
 Ion Ratio Lower Upper
 65 100
 67 78.9 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 541
 Delta R.T. 0.06 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

Tgt Ion: 114 Resp: 228
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 34.2
 88 31.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.273 ug/l

RT: 4.38 min Scan# 390

Delta R.T. 0.04 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

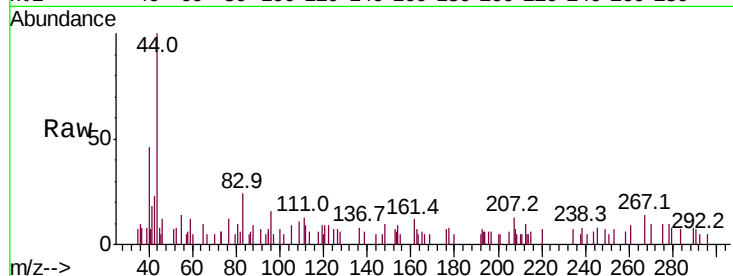
Tot Ion:113 Resp: 78

Ion Ratio Lower Upper

113 100

111 212.9 81.9 122.9#

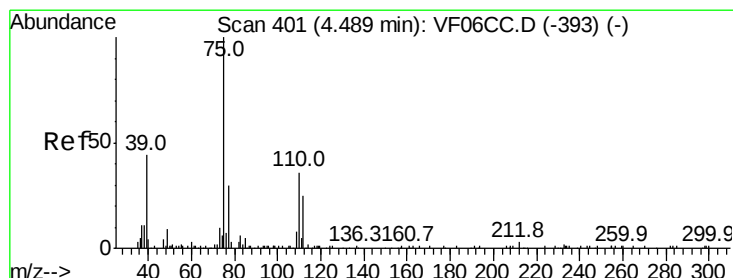
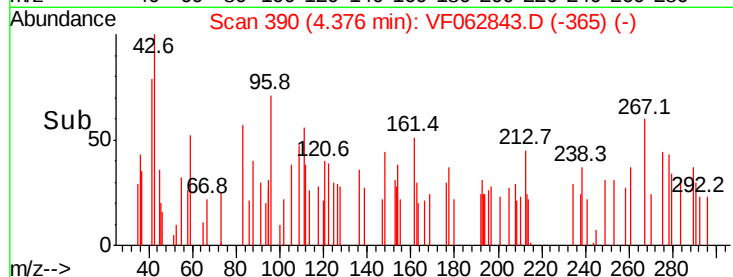
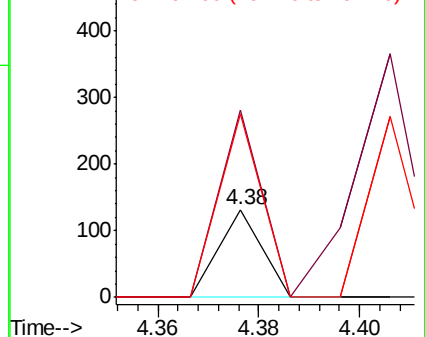
192 209.1 15.1 22.7#



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: 282.522 ug/l

RT: 4.58 min Scan# 411

Delta R.T. 0.08 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

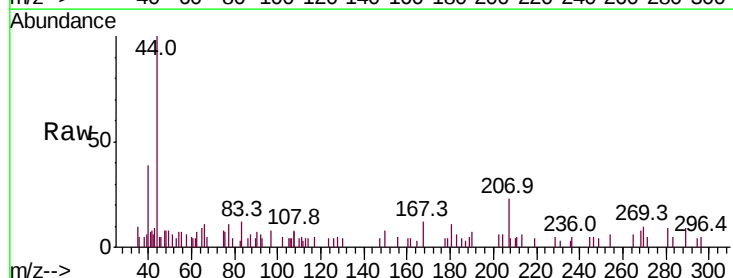
Tgt Ion: 75 Resp: 593

Ion Ratio Lower Upper

75 100

110 23.8 19.4 58.1

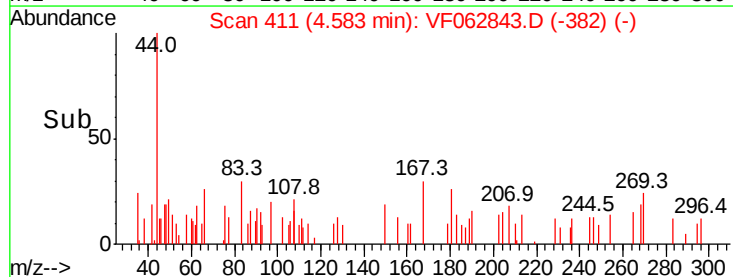
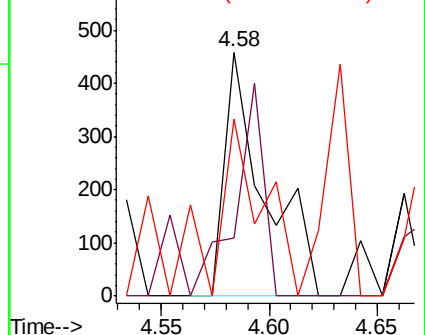
77 72.9 25.4 38.2#

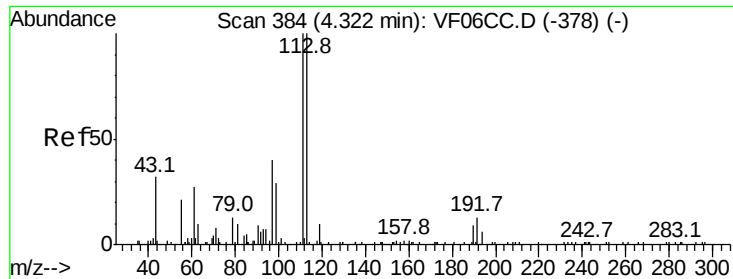


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 795.161 ug/l

RT: 4.39 min Scan# 391

Delta R.T. 0.05 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

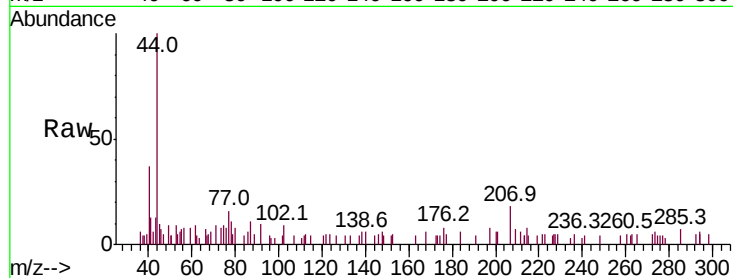
Tot Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

61 0.0 59.1 88.7#

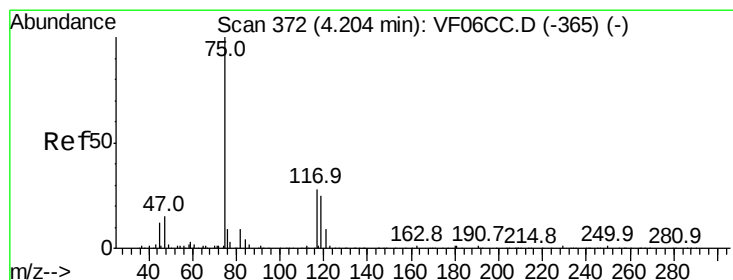
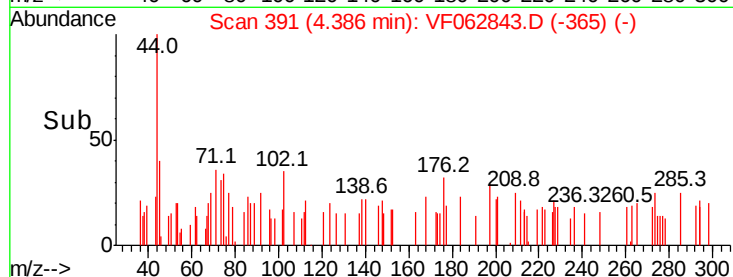
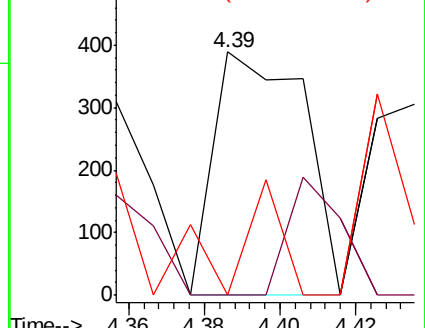
70 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 105.742 ug/l

RT: 4.24 min Scan# 376

Delta R.T. 0.03 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

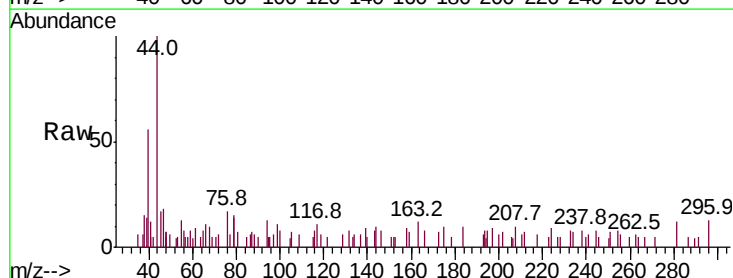
Tgt Ion: 117 Resp: 150

Ion Ratio Lower Upper

117 100

119 53.5 78.2 117.2#

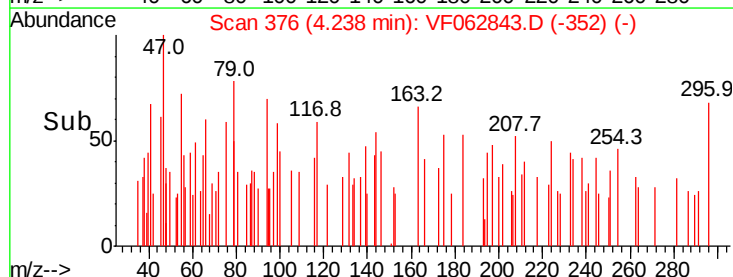
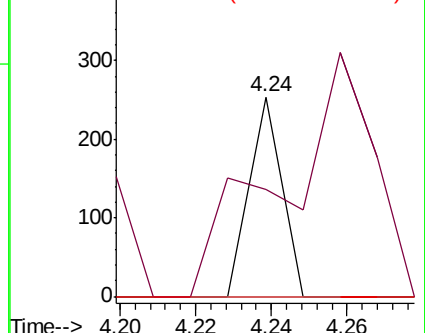
121 0.0 28.2 42.2#

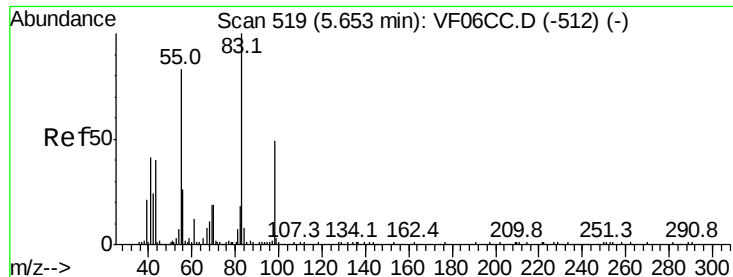


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

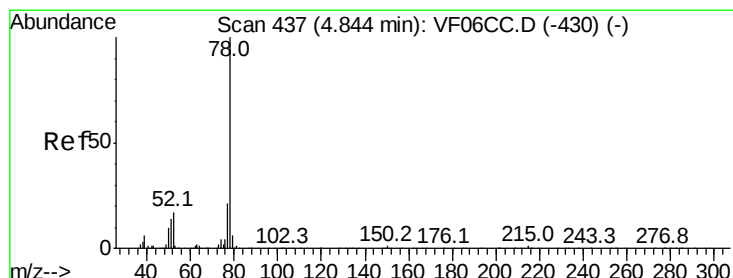
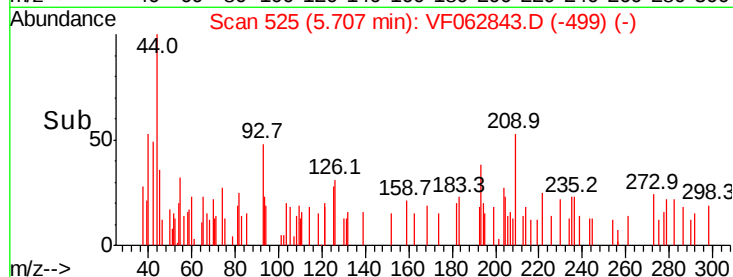
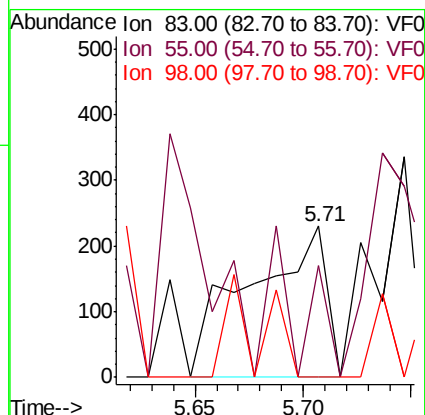
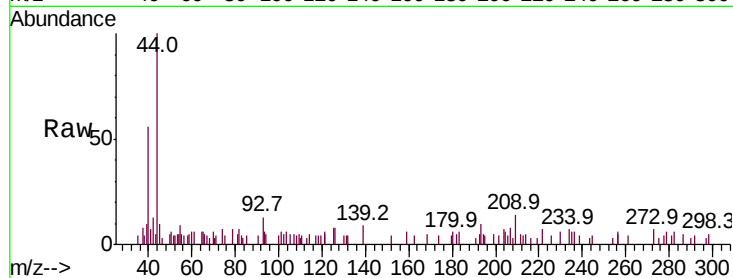




#39
Methylvlcyclohexane
Concen: 217.047 ug/l
RT: 5.71 min Scan# 525
Delta R.T. 0.05 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

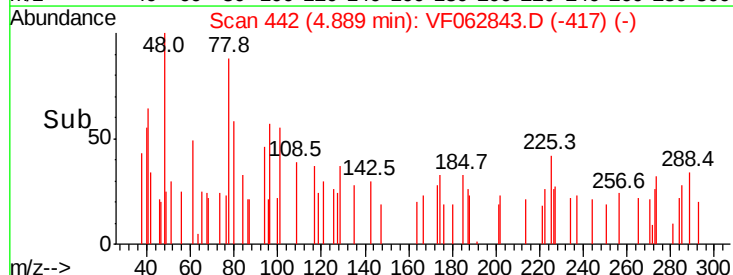
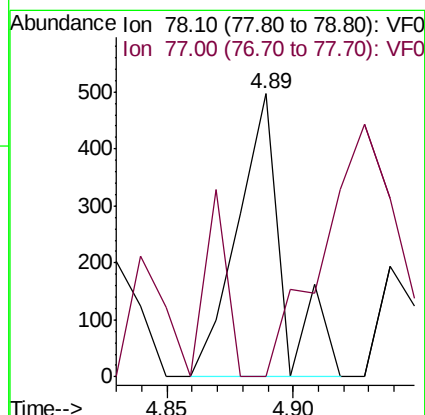
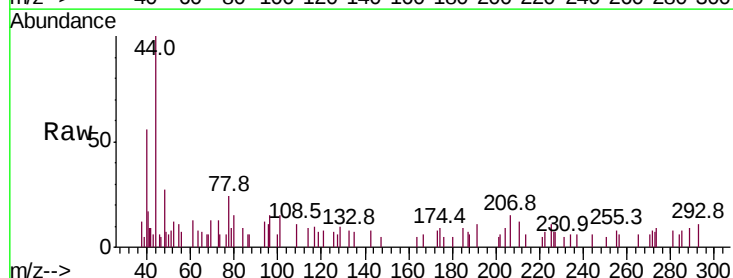
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

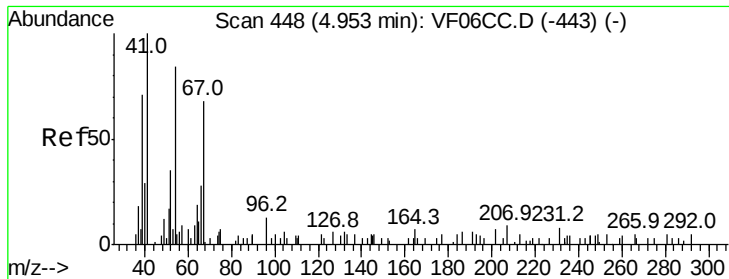
Tot Ion: 83 Resp: 567
Ion Ratio Lower Upper
83 100
55 73.9 61.6 92.4
98 0.0 37.4 56.2#



#40
Benzene
Concen: 101.167 ug/l
RT: 4.89 min Scan# 442
Delta R.T. 0.04 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 78 Resp: 618
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#

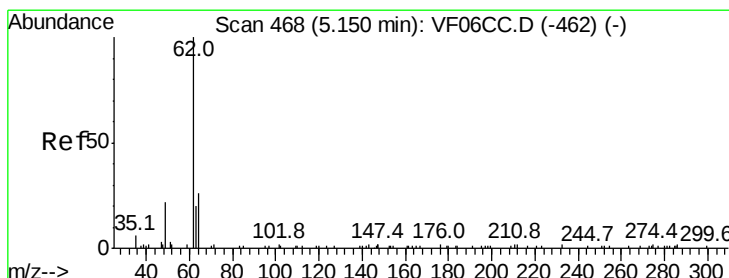
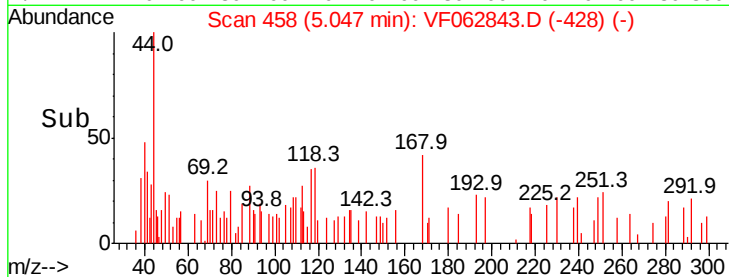
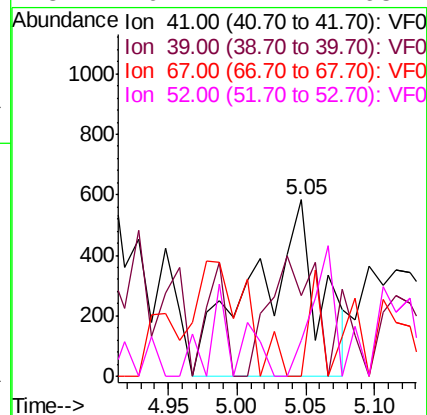
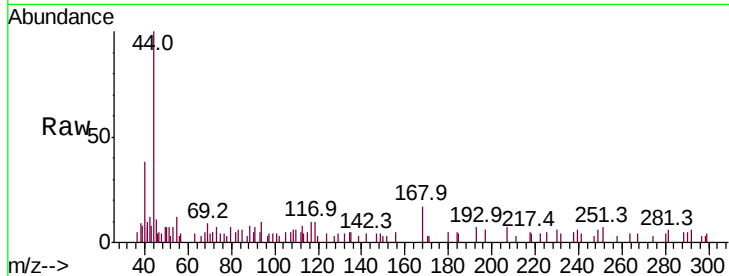




#41
Methacrylonitrile
Concen: 4268.625 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.09 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

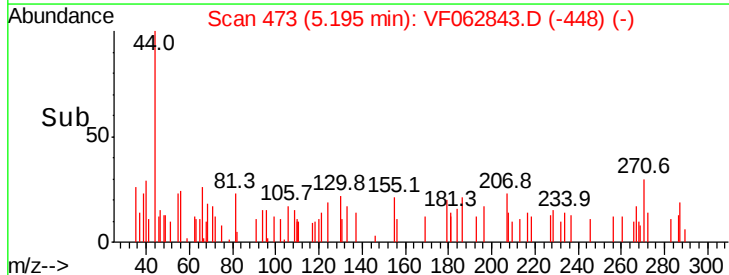
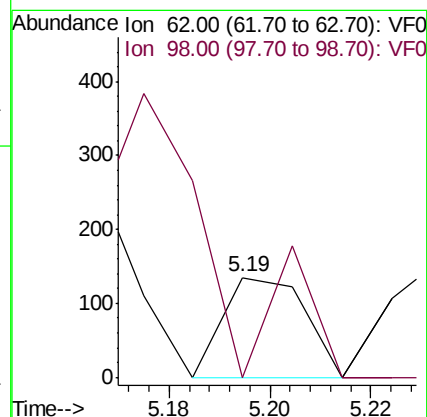
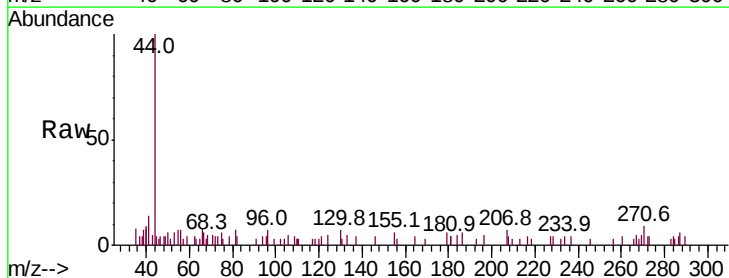
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

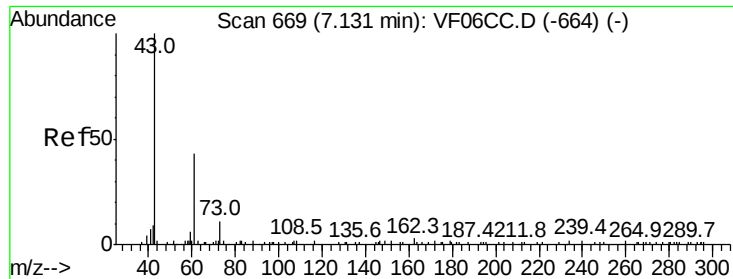
Tot Ion:	41	Resp:	1904
Ion	Ratio	Lower	Upper
41	100		
39	45.9	42.0	63.0
67	0.0	61.4	92.0#
52	20.2	42.1	63.1#



#42
1,2-Dichloroethane
Concen: 131.689 ug/l
RT: 5.19 min Scan# 473
Delta R.T. 0.04 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion:	62	Resp:	153
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	24.0





#43

Isopropyl Acetate

Concen: 911.392 ug/l

RT: 7.20 min Scan# 676

Delta R.T. 0.06 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

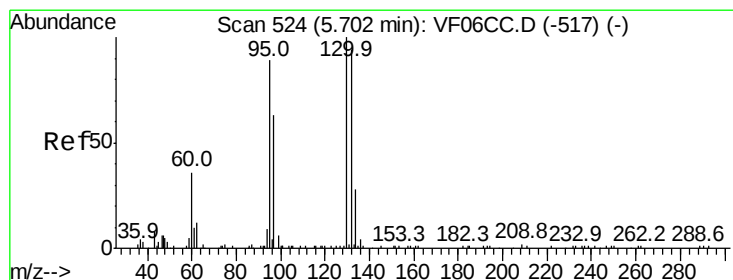
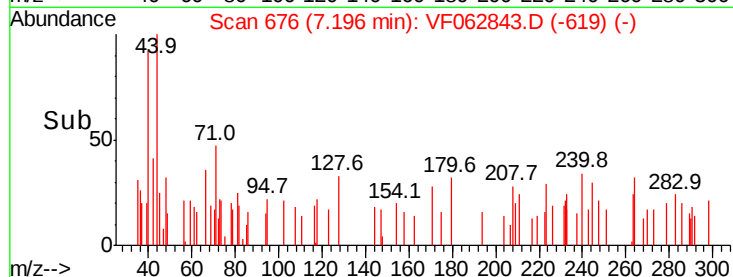
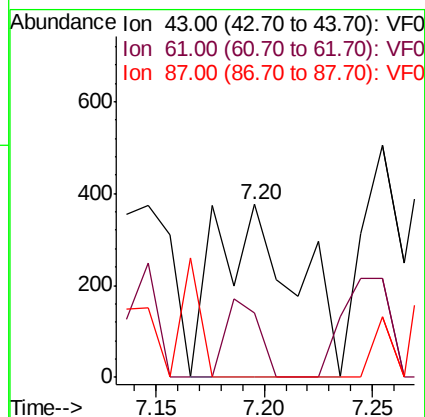
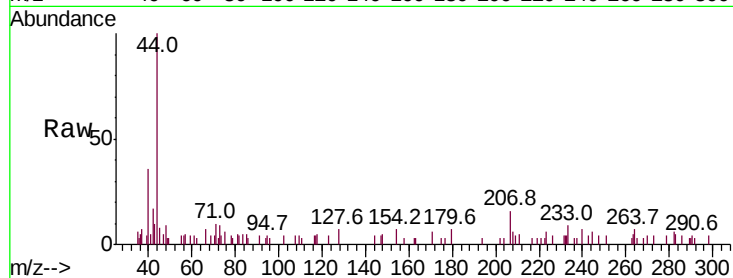
Tot Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

61 37.5 29.8 44.6

87 0.0 0.3 0.5#



#44

Trichloroethene

Concen: 46.403 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.08 min

Lab File: VF062843.D

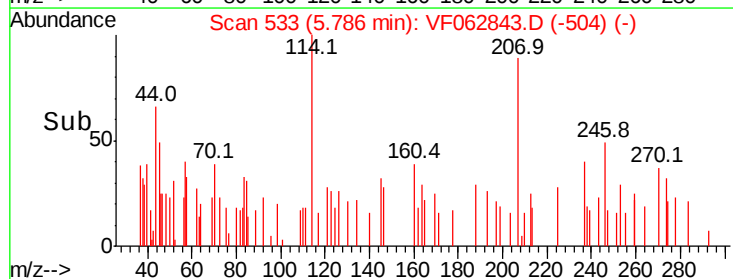
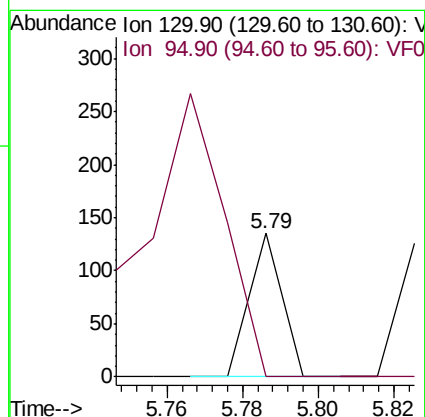
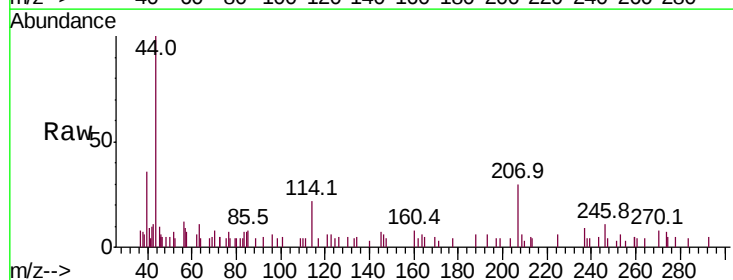
Acq: 4 Jun 2019 17:14

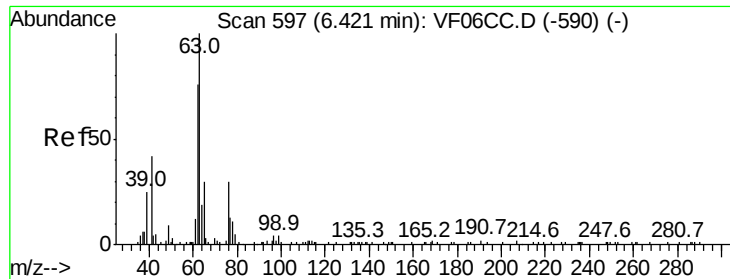
Tgt Ion:130 Resp: 80

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 106.983 ug/l

RT: 6.54 min Scan# 610

Delta R.T. 0.11 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

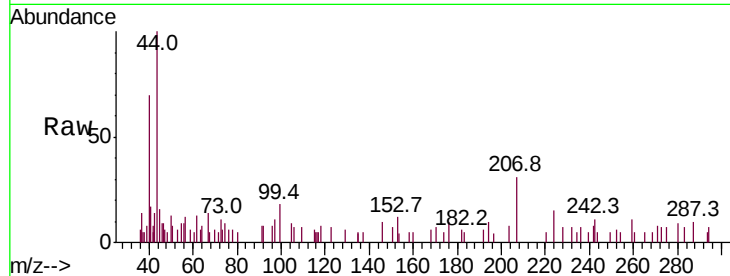
FK-SF-02-004-A

Tot Ion: 63 Resp: 164

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

400

300

200

100

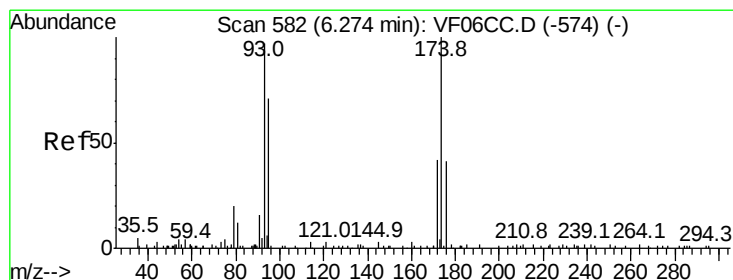
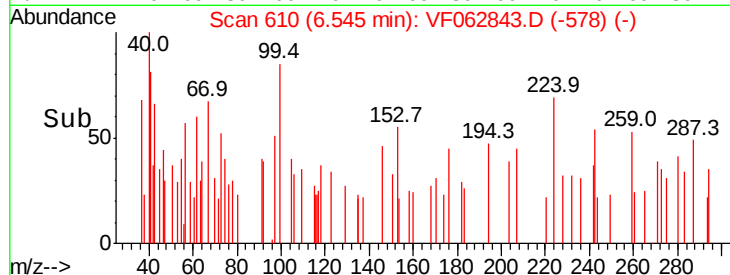
0

6.50

6.55

6.54

Time-->



#46

Dibromomethane

Concen: 130.725 ug/l

RT: 6.38 min Scan# 593

Delta R.T. 0.09 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

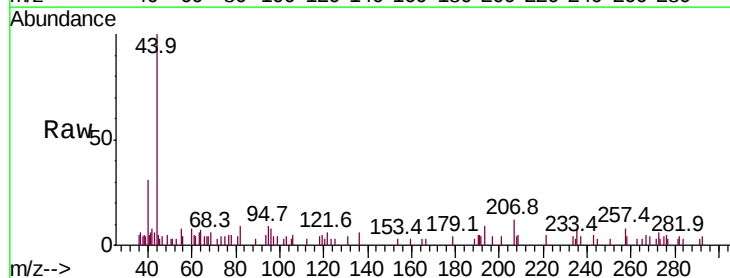
Tgt Ion: 93 Resp: 117

Ion Ratio Lower Upper

93 100

95 0.0 67.9 101.9#

174 0.0 85.0 127.4#



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

400

300

200

100

0

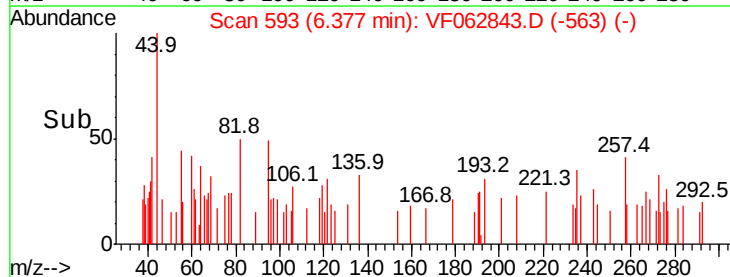
6.34

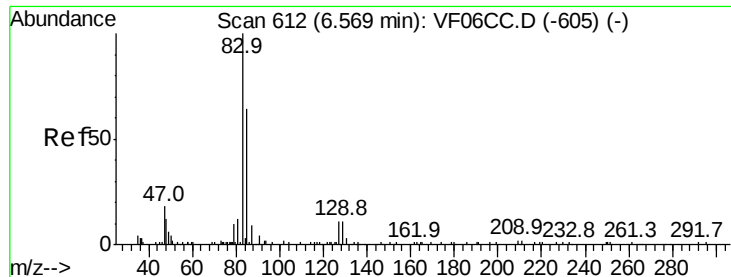
6.36

6.38

6.40

Time-->





#47

Bromodichloromethane

Concen: 91.072 ug/l

RT: 6.66 min Scan# 622

Delta R.T. 0.08 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

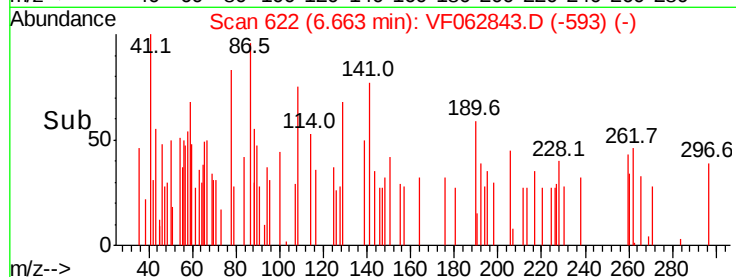
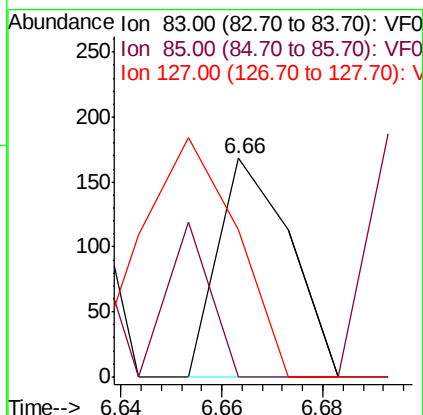
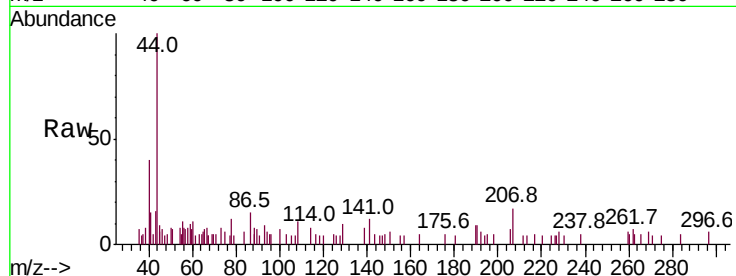
Tot Ion: 83 Resp: 166

Ion Ratio Lower Upper

83 100

85 0.0 54.2 81.4#

127 67.3 7.0 10.4#



#48

Methyl methacrylate

Concen: 913.511 ug/l

RT: 6.98 min Scan# 654

Delta R.T. 0.08 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

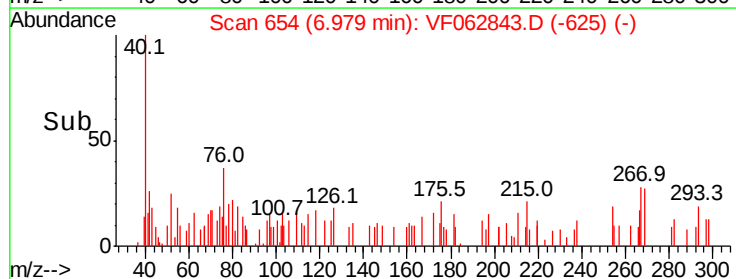
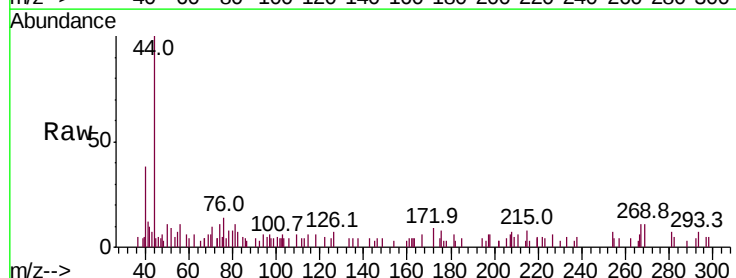
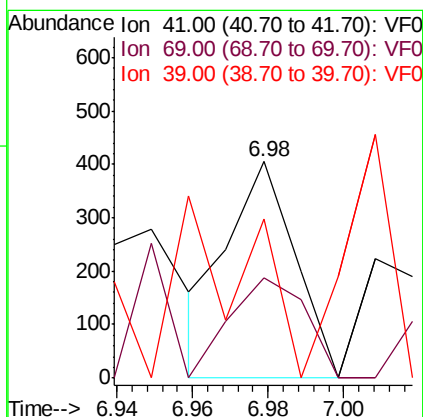
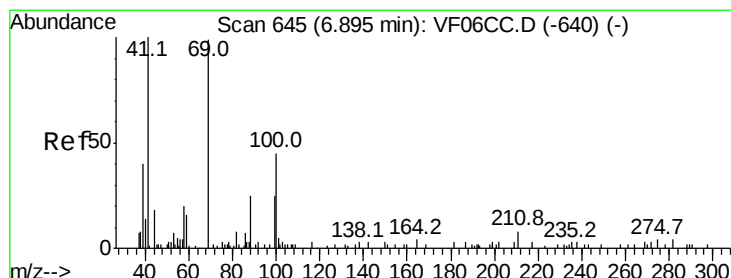
Tgt Ion: 41 Resp: 499

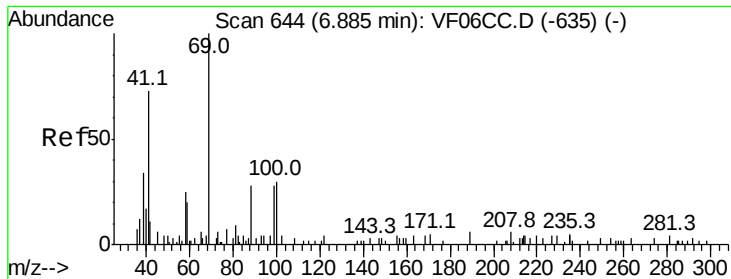
Ion Ratio Lower Upper

41 100

69 46.2 79.4 119.2#

39 73.3 39.8 59.6#

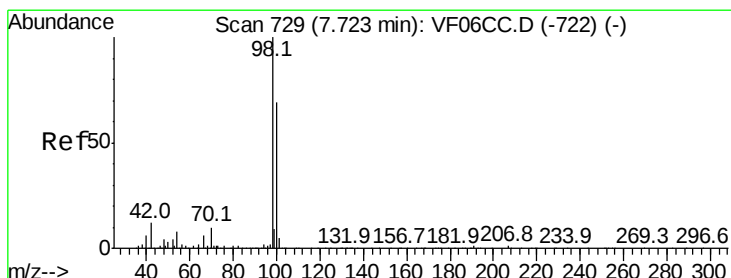
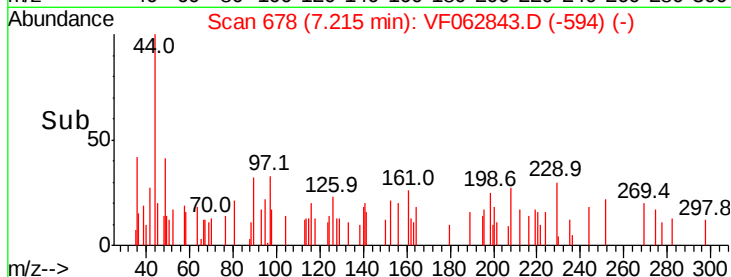
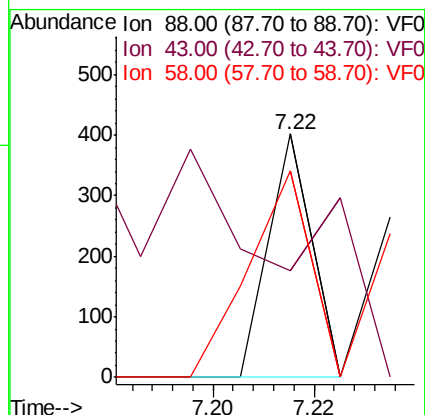
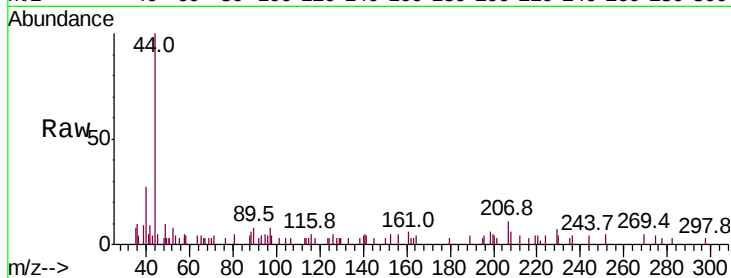




#49
1,4-Dioxane
Concen: 33055.058 ug/l
RT: 7.22 min Scan# 678
Delta R.T. 0.33 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

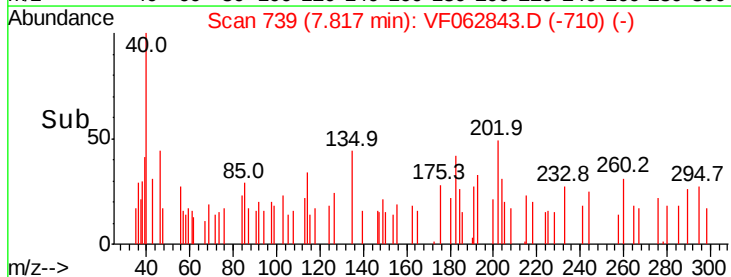
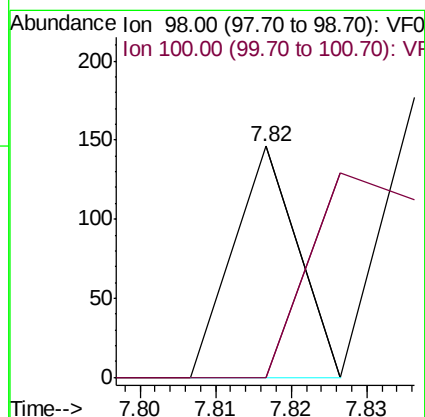
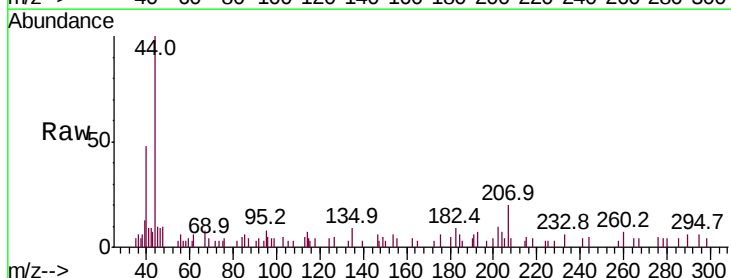
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

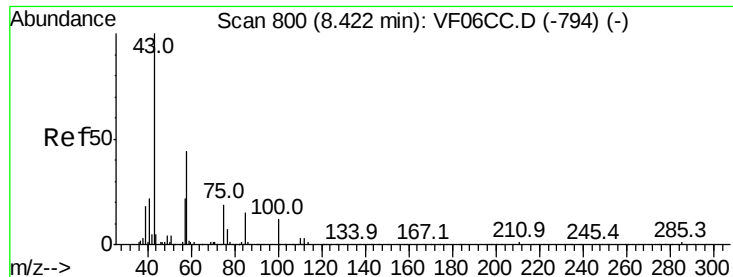
Tot Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
43 43.8 34.8 52.2
58 84.8 59.9 89.9



#50
Toluene-d8
Concen: 19.739 ug/l
RT: 7.82 min Scan# 739
Delta R.T. 0.08 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 98 Resp: 86
Ion Ratio Lower Upper
98 100
100 0.0 59.8 89.8#





#51

4-Methyl-2-Pentanone

Concen: 1838.203 ug/l

RT: 8.62 min Scan# 821

Delta R.T. 0.20 min

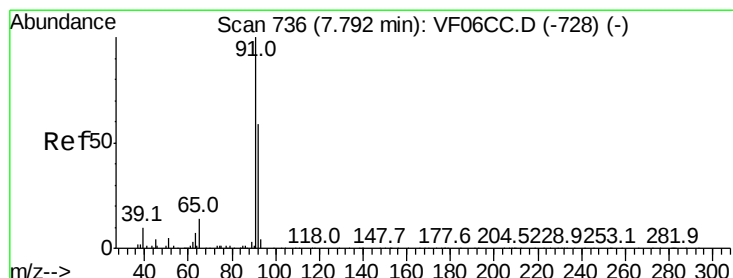
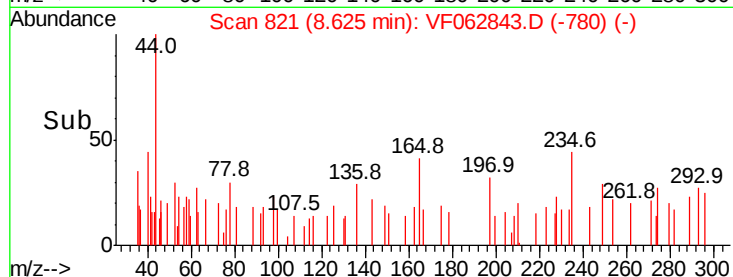
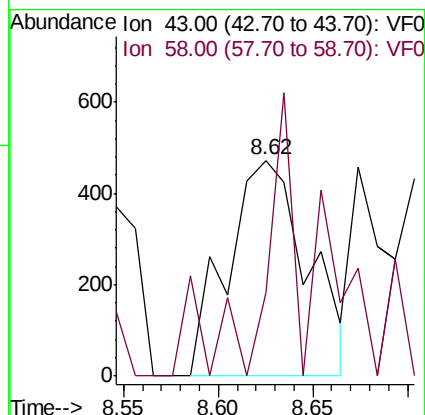
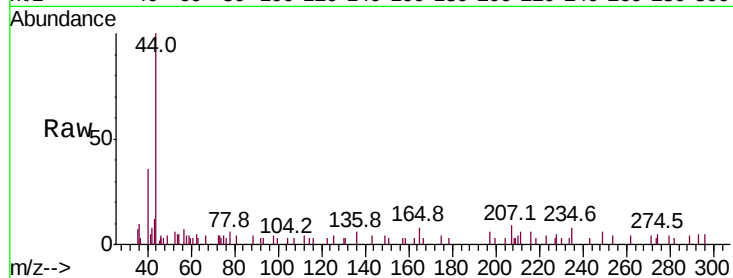
Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

Tot Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
58	38.7	35.5	53.3



#52

Toluene

Concen: 62.914 ug/l

RT: 7.90 min Scan# 747

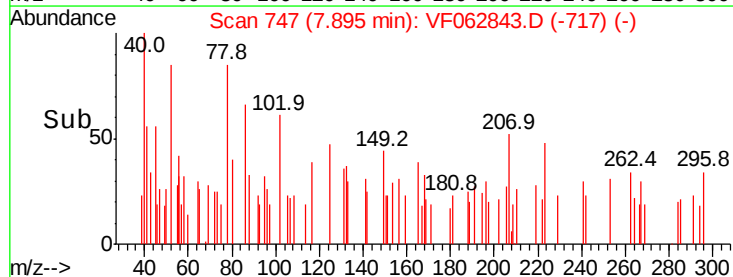
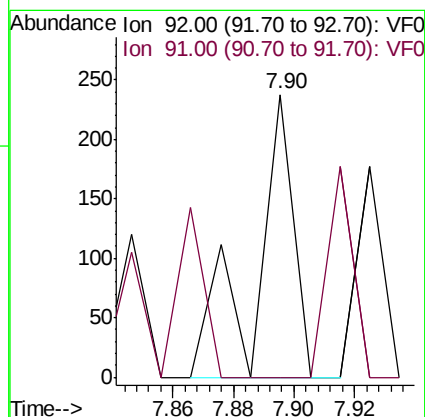
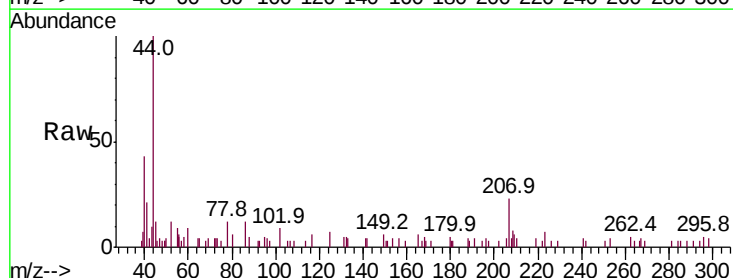
Delta R.T. 0.09 min

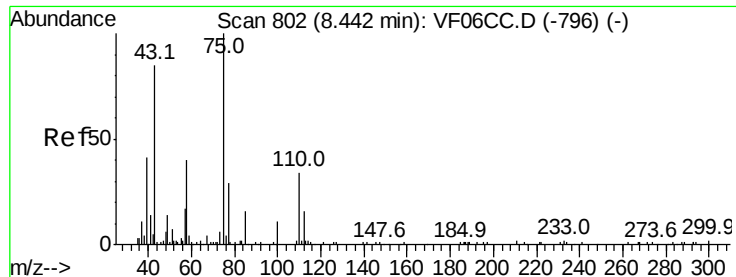
Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Tgt Ion: 92 Resp: 207

Ion	Ratio	Lower	Upper
92	100		
91	0.0	123.2	184.8#





#53

t-1,3-Dichloropropene

Concen: 52.966 ug/l

RT: 8.51 min Scan# 809

Delta R.T. 0.06 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

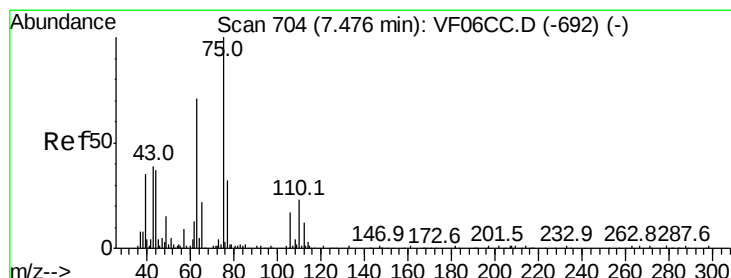
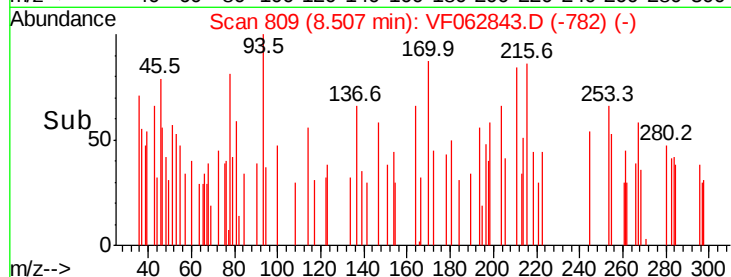
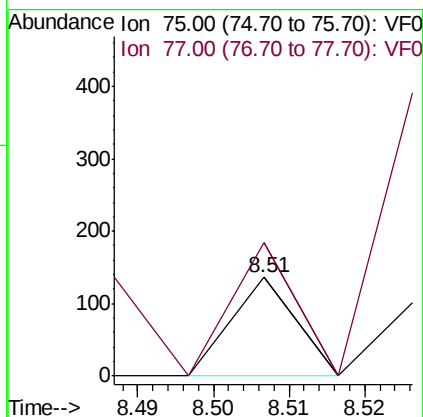
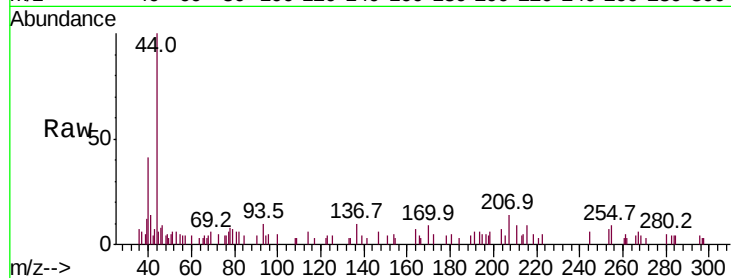
FK-SF-02-004-A

Tot Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

77 136.0 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 312.394 ug/l

RT: 7.53 min Scan# 710

Delta R.T. 0.05 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

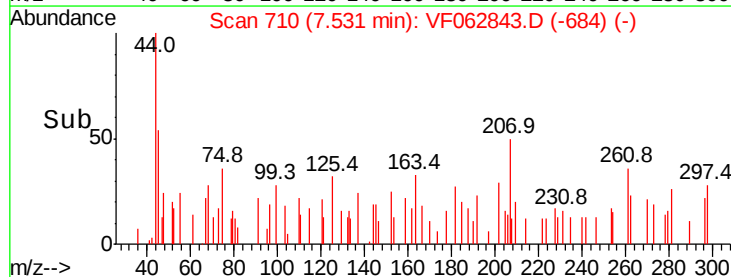
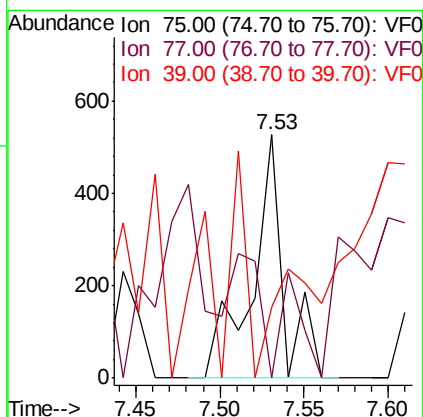
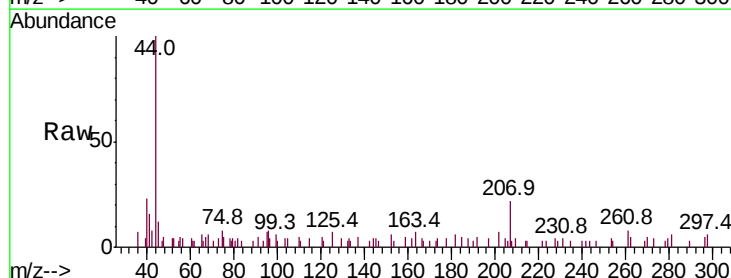
Tgt Ion: 75 Resp: 683

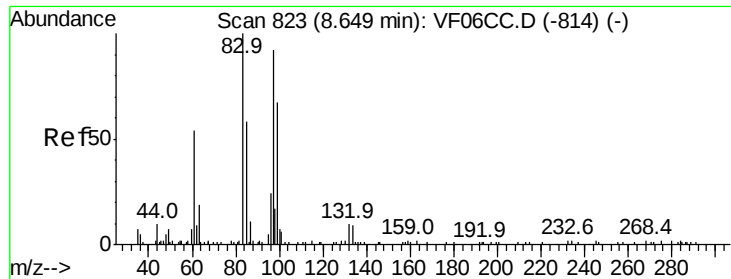
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

39 28.8 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 276.718 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.11 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

Tot Ion: 97 Resp: 272

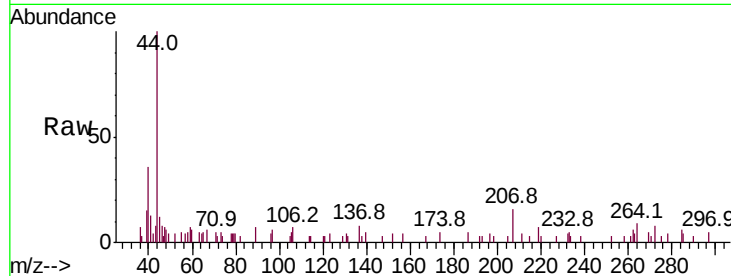
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 0.0 47.5 71.3#

99 0.0 54.1 81.1#

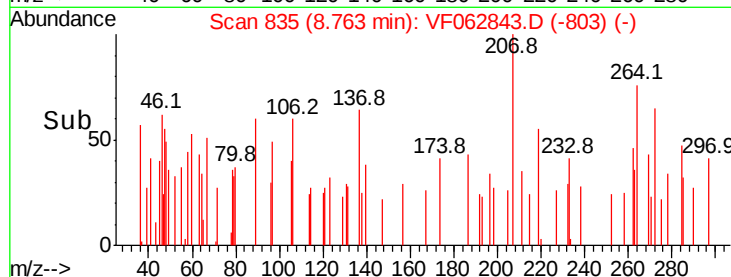


Abundance Ion 97.00 (96.70 to 97.70): VF0

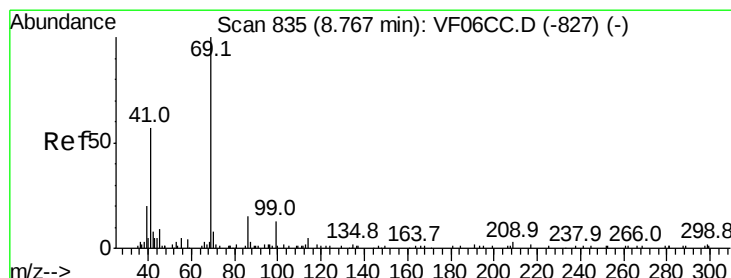
Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



Time-->



#56

Ethyl methacrylate

Concen: 354.611 ug/l

RT: 8.86 min Scan# 845

Delta R.T. 0.08 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

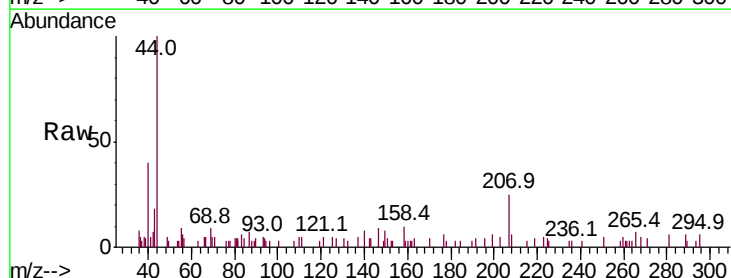
Tgt Ion: 69 Resp: 374

Ion Ratio Lower Upper

69 100

41 34.9 46.6 69.8#

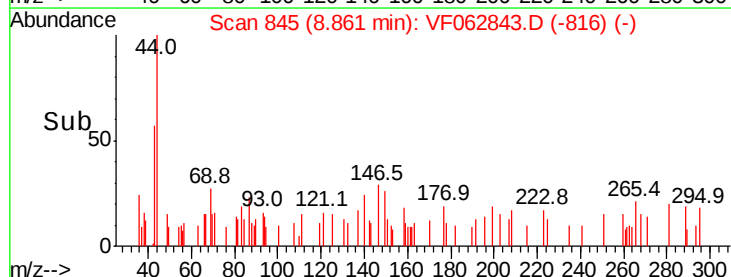
39 29.3 19.6 29.4



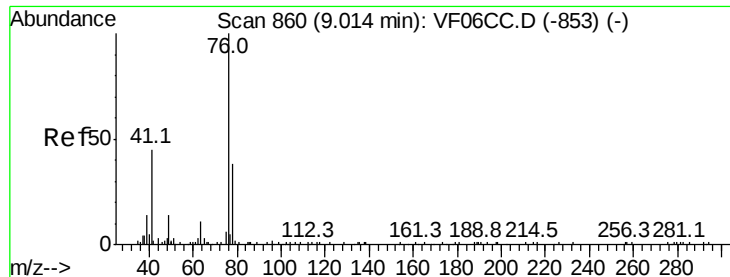
Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#57

1,3-Dichloropropane

Concen: 226.768 ug/l

RT: 9.09 min Scan# 868

Delta R.T. 0.07 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

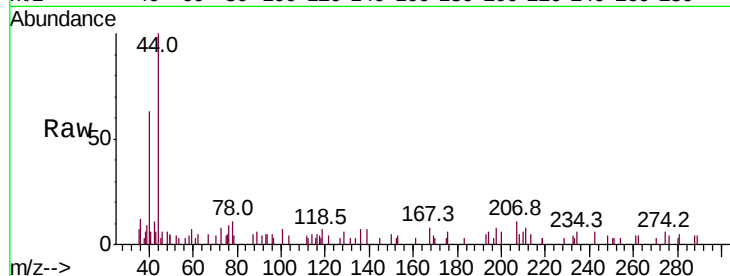
FK-SF-02-004-A

Tot Ion: 76 Resp: 364

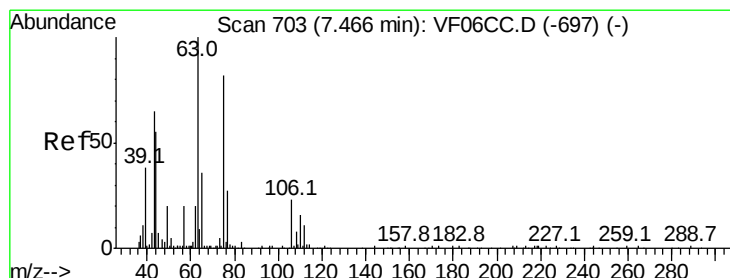
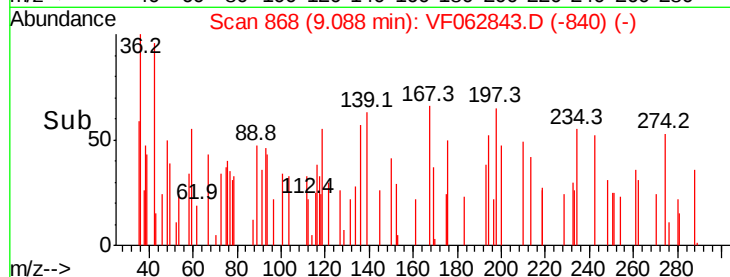
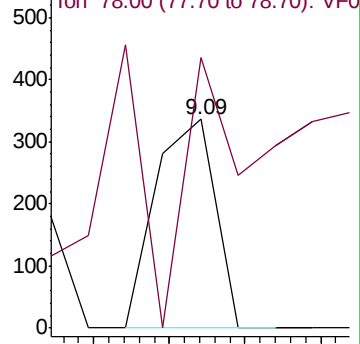
Ion Ratio Lower Upper

76 100

78 129.8 26.8 40.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 659.256 ug/l

RT: 7.55 min Scan# 712

Delta R.T. 0.08 min

Lab File: VF062843.D

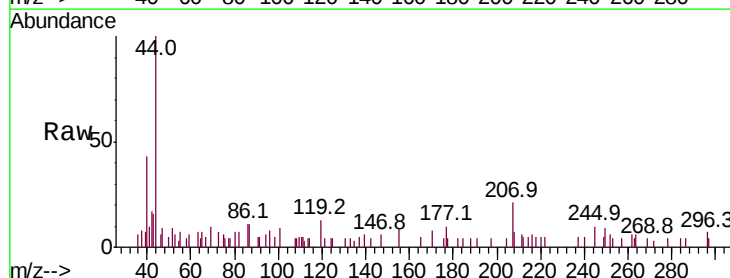
Acq: 4 Jun 2019 17:14

Tgt Ion: 63 Resp: 243

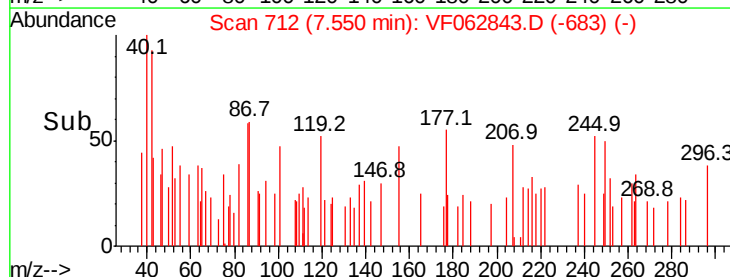
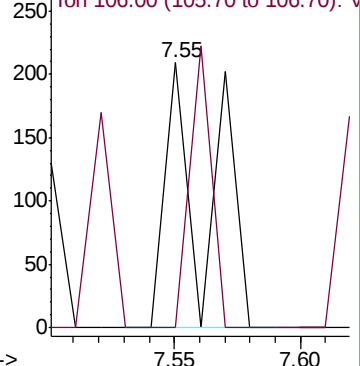
Ion Ratio Lower Upper

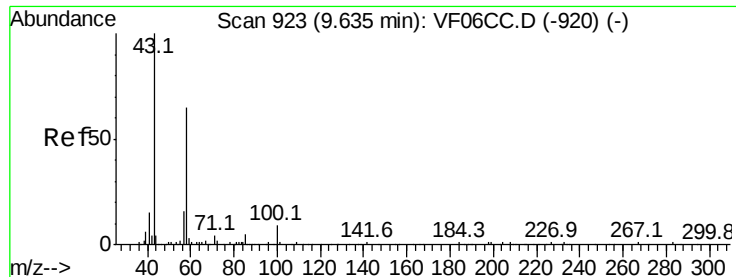
63 100

106 0.0 19.5 29.3#



Abundance Ion 63.00 (62.70 to 63.70): VF0

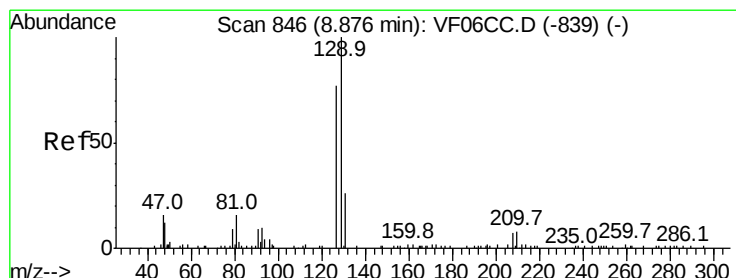
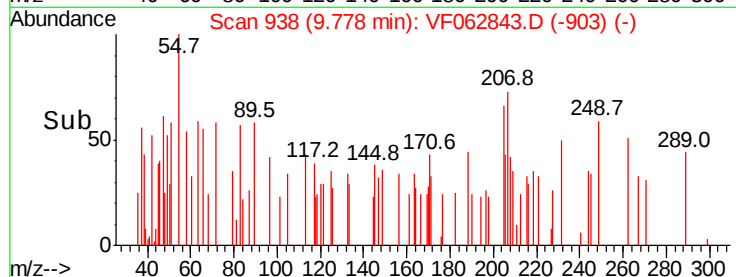
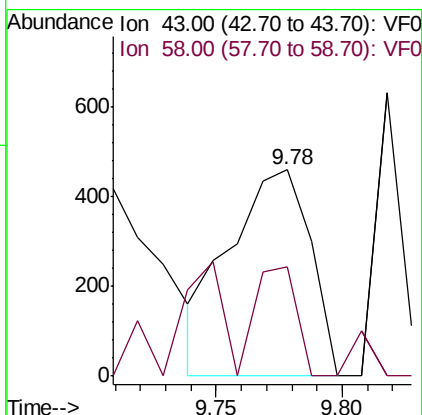
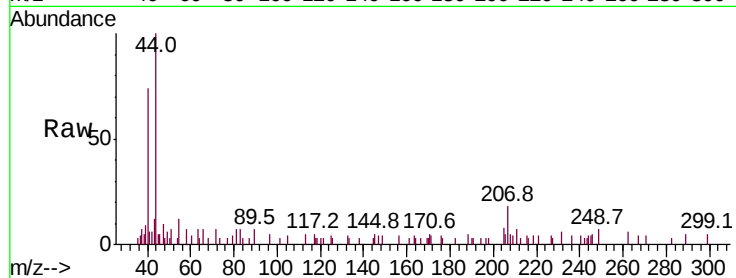




#59
2-Hexanone
Concen: 1918.927 ug/l
RT: 9.78 min Scan# 938
Delta R.T. 0.14 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

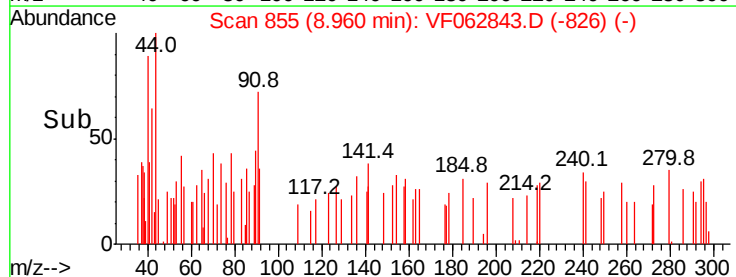
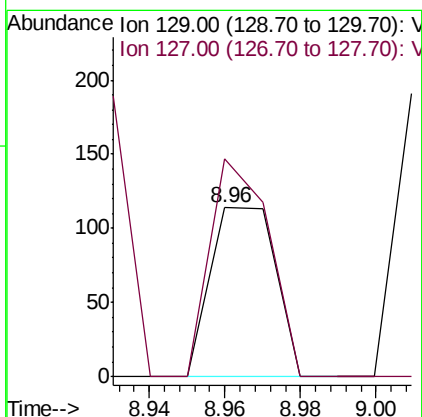
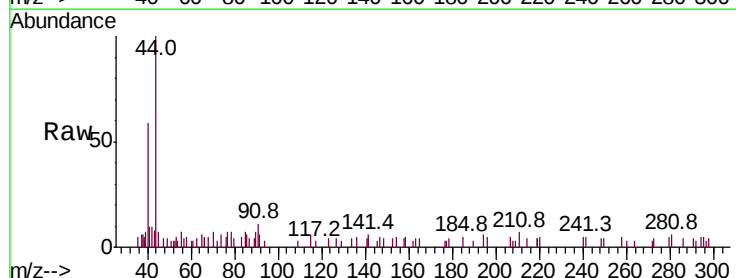
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

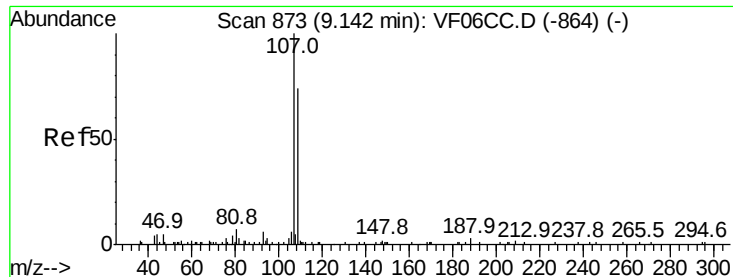
Tot Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 52.8 29.3 87.9



#60
Dibromochloromethane
Concen: 110.112 ug/l
RT: 8.96 min Scan# 855
Delta R.T. 0.08 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 129 Resp: 134
Ion Ratio Lower Upper
129 100
127 128.9 37.1 111.3#





#61

1,2-Dibromoethane

Concen: 139.100 ug/l

RT: 9.28 min Scan# 887

Delta R.T. 0.12 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

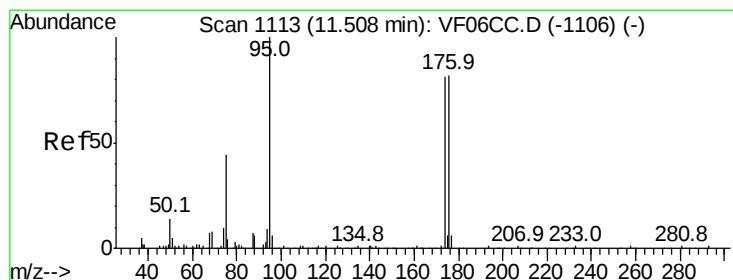
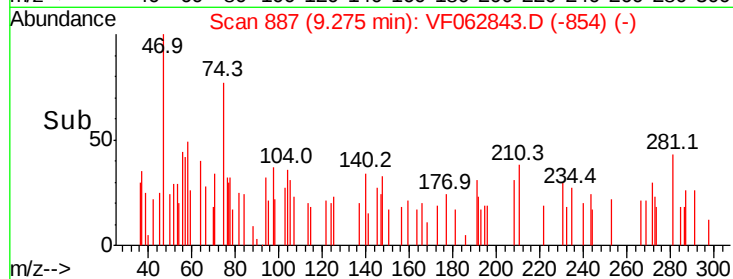
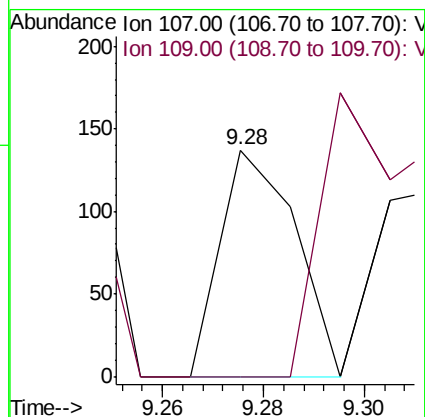
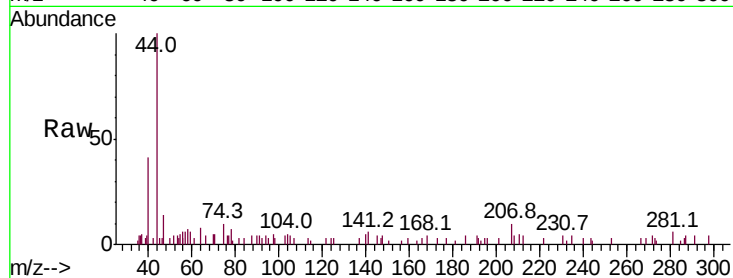
FK-SF-02-004-A

Tot Ion:107 Resp: 142

Ion Ratio Lower Upper

107 100

109 0.0 78.1 117.1#



#62

4-Bromofluorobenzene

Concen: 72.104 ug/l

RT: 11.65 min Scan# 1128

Delta R.T. 0.14 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

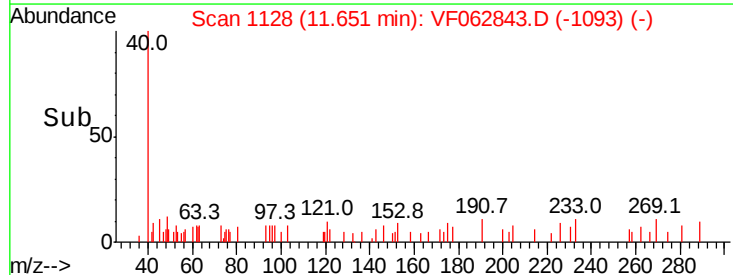
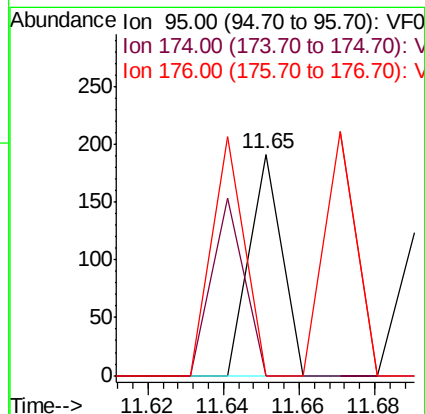
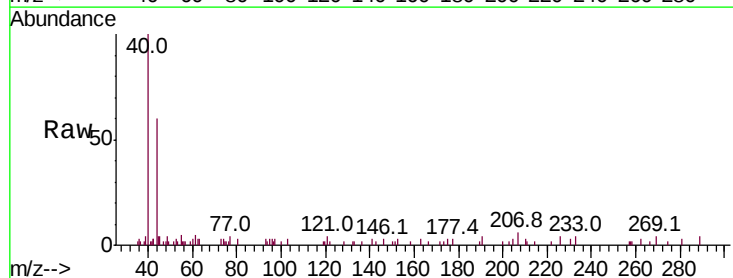
Tgt Ion: 95 Resp: 113

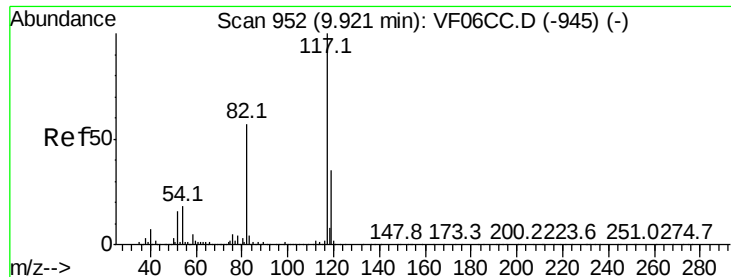
Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

176 0.0 0.0 170.6

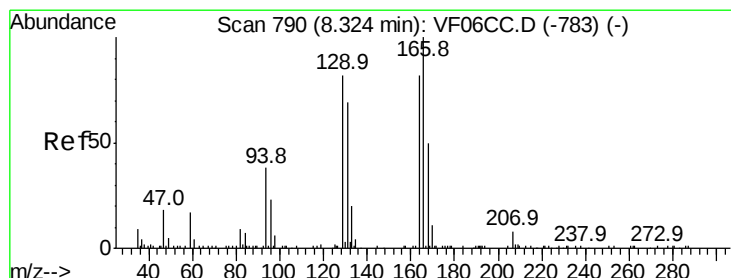
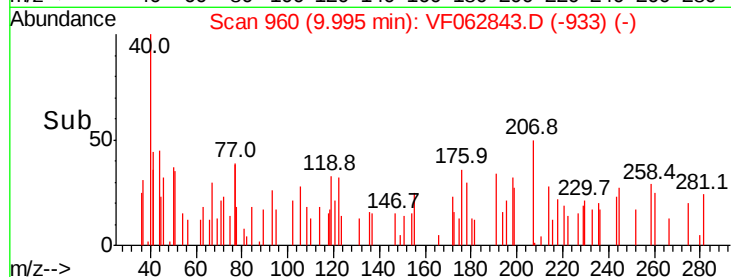
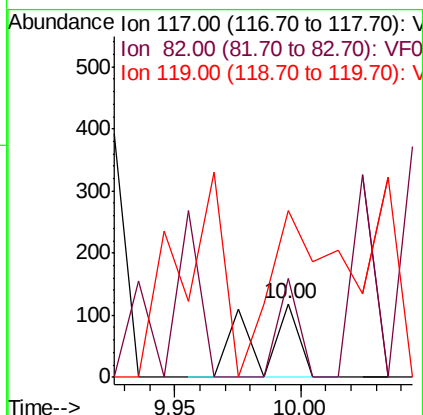
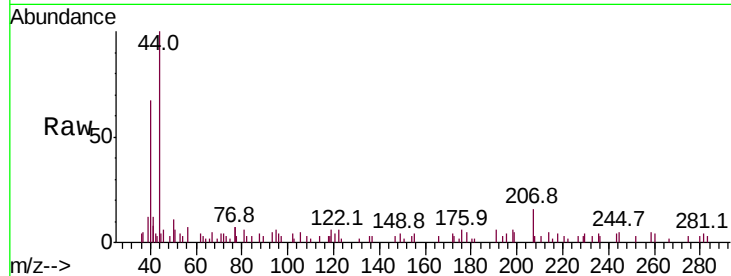




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.00 min Scan# 960
Delta R.T. 0.06 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

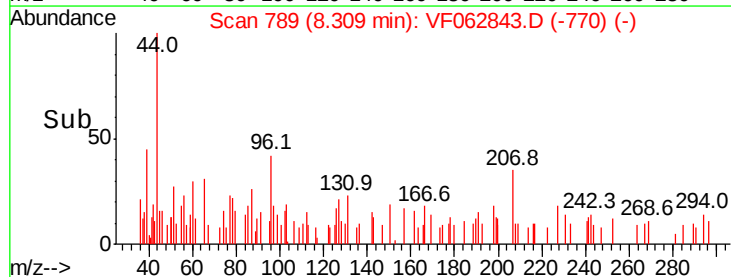
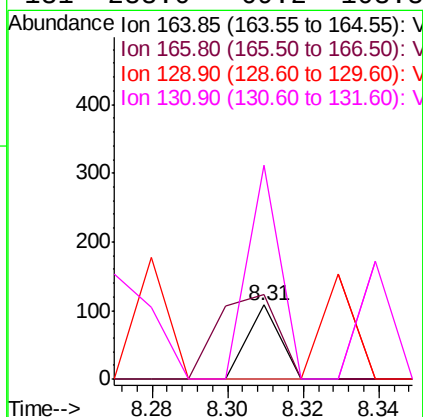
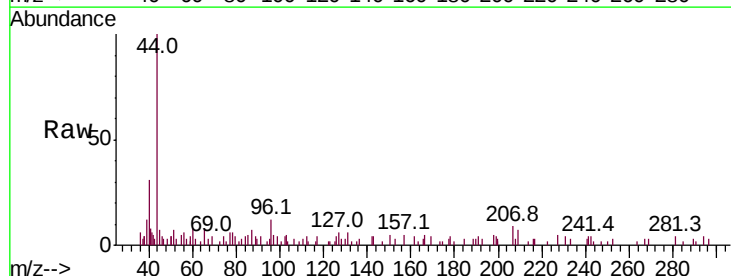
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

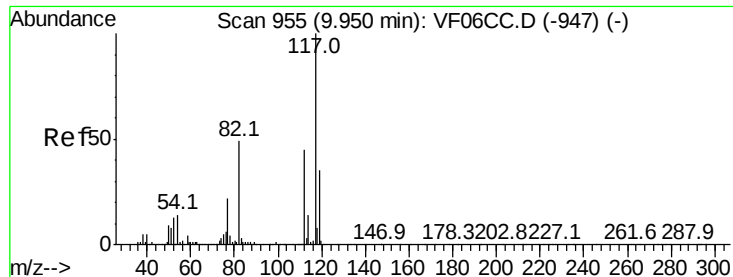
Tot Ion:117 Resp: 135
Ion Ratio Lower Upper
117 100
82 133.6 42.4 63.6#
119 226.1 27.1 40.7#



#64
Tetrachloroethene
Concen: 61.693 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.02 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion:164 Resp: 64
Ion Ratio Lower Upper
164 100
166 113.9 99.1 148.7
129 0.0 69.5 104.3#
131 288.0 69.2 103.8#

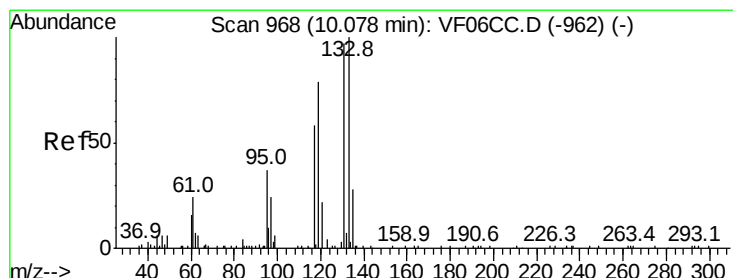
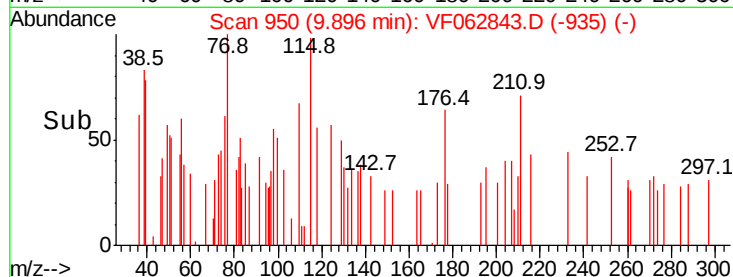
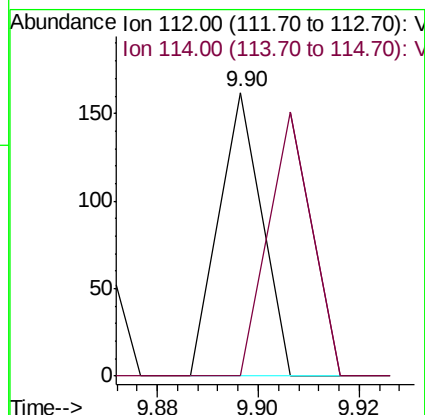
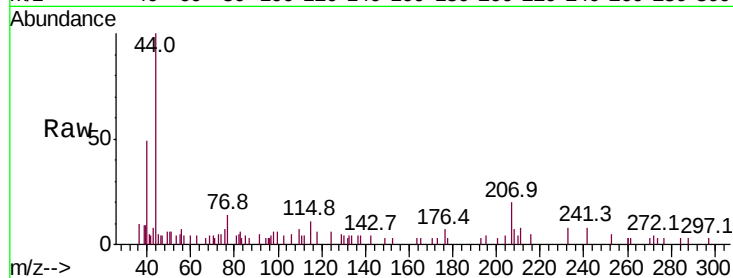




#65
Chlorobenzene
Concen: 36.823 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.06 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

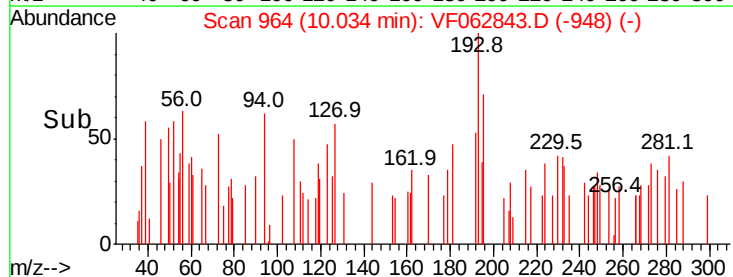
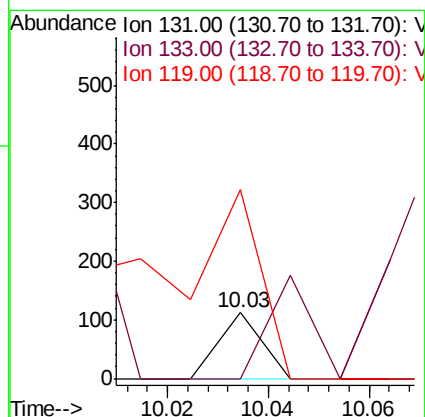
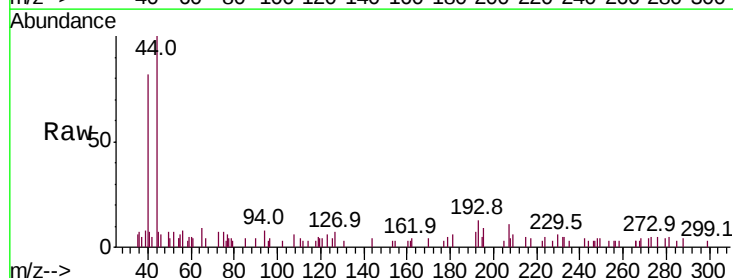
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

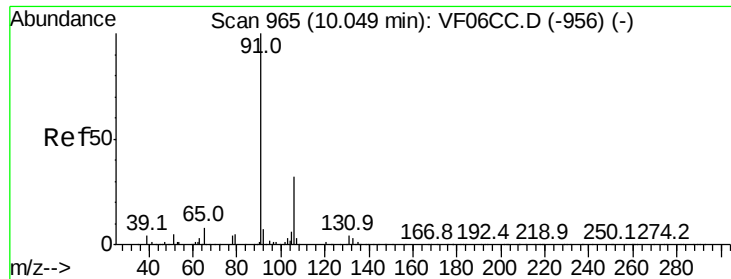
Tot Ion:112 Resp: 96
Ion Ratio Lower Upper
112 100
114 0.0 27.4 41.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 63.567 ug/l
RT: 10.03 min Scan# 964
Delta R.T. -0.05 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion:131 Resp: 66
Ion Ratio Lower Upper
131 100
133 0.0 48.9 146.7#
119 287.5 38.0 114.0#

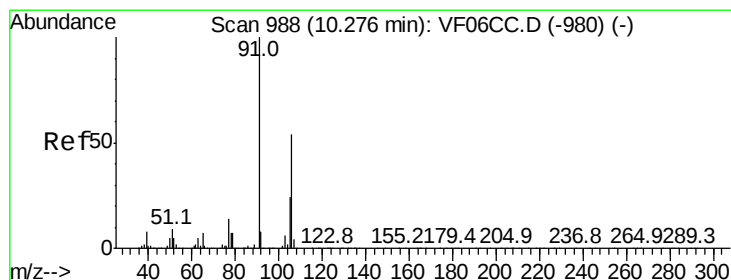
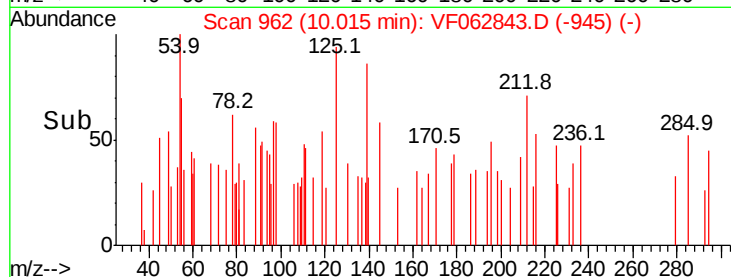
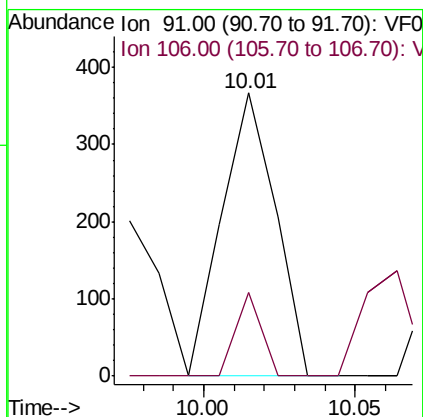
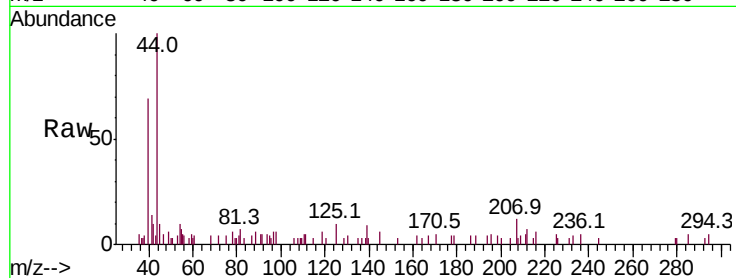




#67
Ethyl Benzene
Concen: 101.703 ug/l
RT: 10.01 min Scan# 962
Delta R.T. -0.04 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

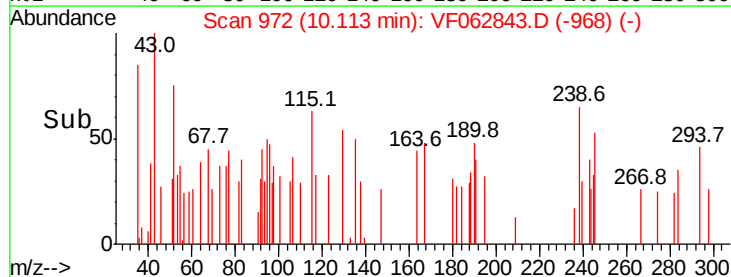
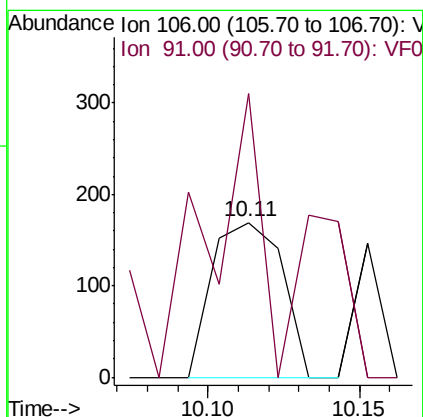
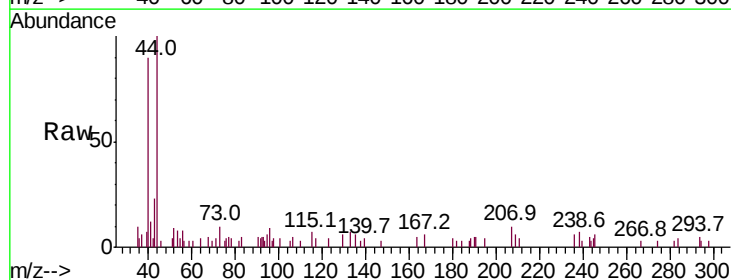
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

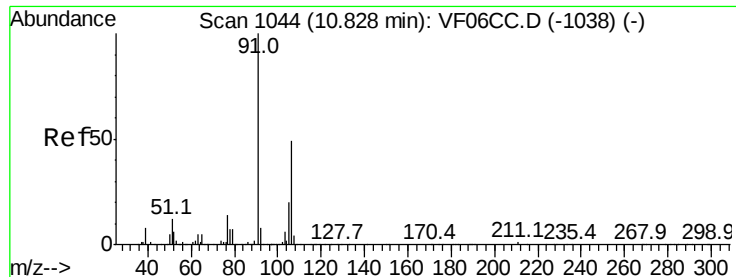
Tot Ion: 91 Resp: 455
Ion Ratio Lower Upper
91 100
106 29.7 26.0 39.0



#68
m/p-Xylenes
Concen: 159.465 ug/l
RT: 10.11 min Scan# 972
Delta R.T. -0.16 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 106 Resp: 273
Ion Ratio Lower Upper
106 100
91 183.4 136.2 204.4

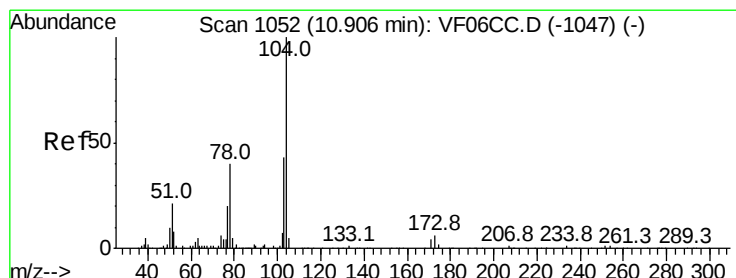
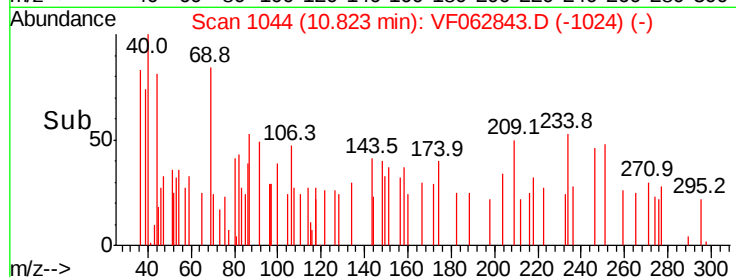
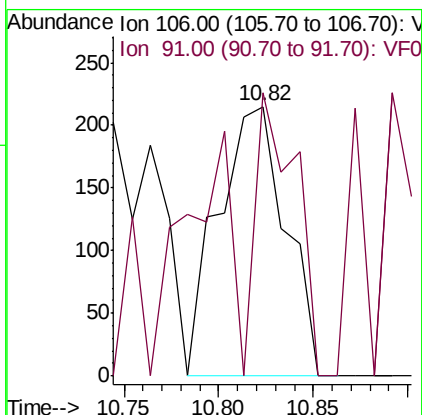
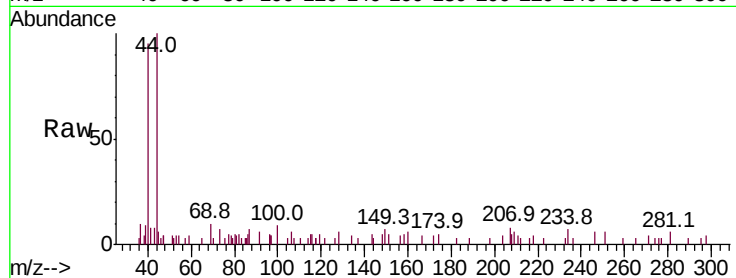




#69
o-Xylene
Concen: 308.081 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

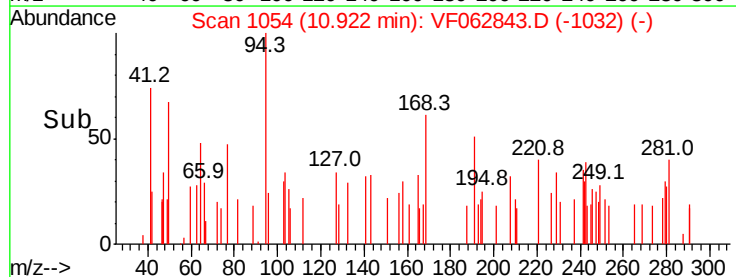
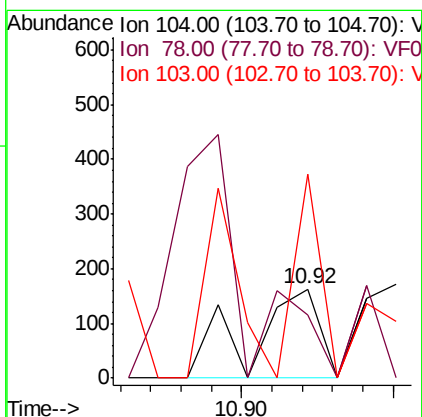
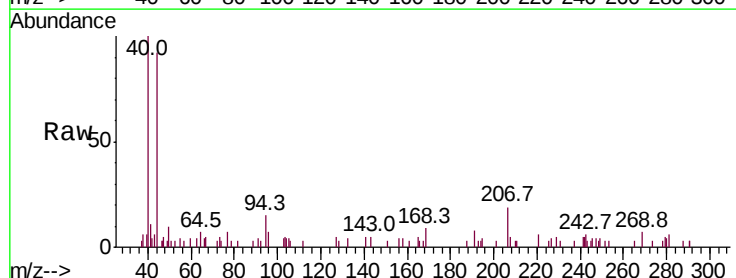
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

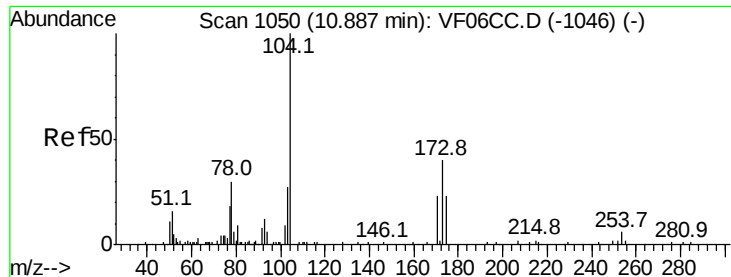
Tot Ion:106 Resp: 534
Ion Ratio Lower Upper
106 100
91 105.1 96.6 289.8



#70
Styrene
Concen: 99.030 ug/l
RT: 10.92 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion:104 Resp: 253
Ion Ratio Lower Upper
104 100
78 70.6 30.8 46.2#
103 229.4 35.8 53.6#





#71

Bromoform

Concen: 152.585 ug/l

RT: 10.86 min Scan# 1048

Delta R.T. -0.04 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

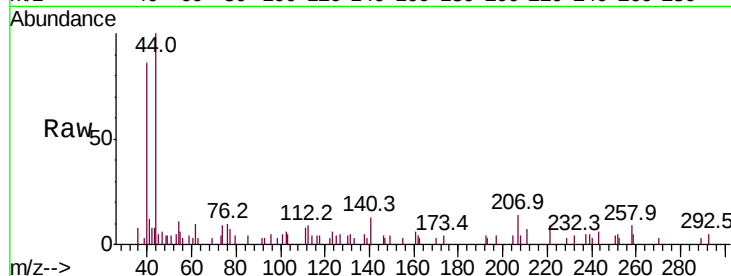
Tot Ion:173 Resp: 76

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

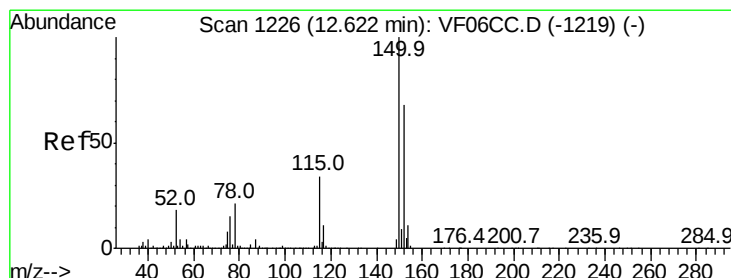
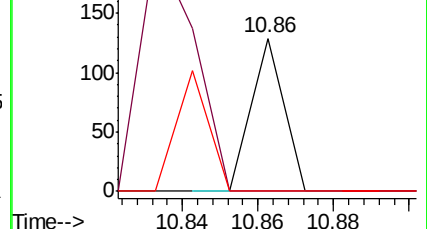
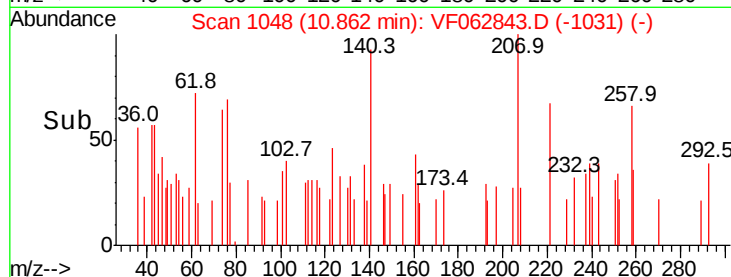
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. -0.04 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

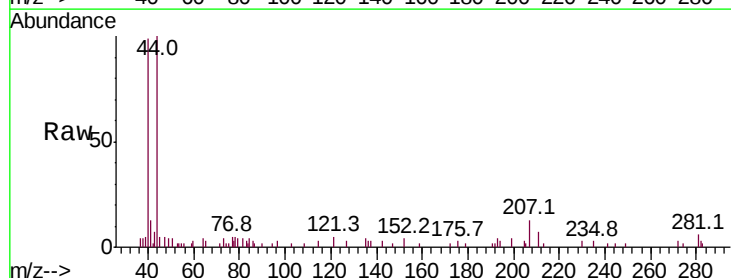
Tgt Ion:152 Resp: 435

Ion Ratio Lower Upper

152 100

115 0.0 24.6 74.0#

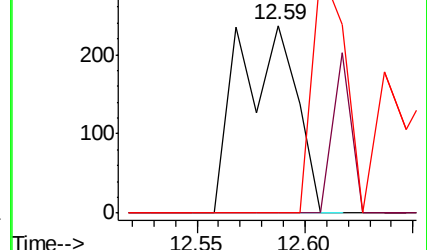
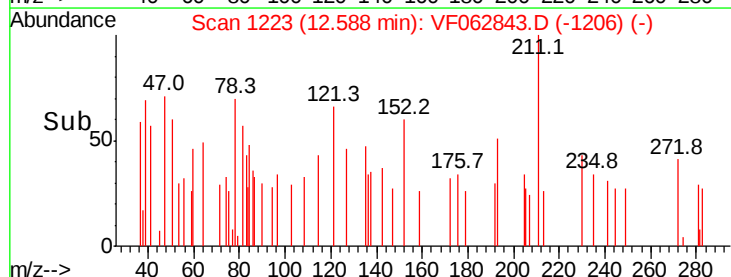
150 0.0 0.0 290.6

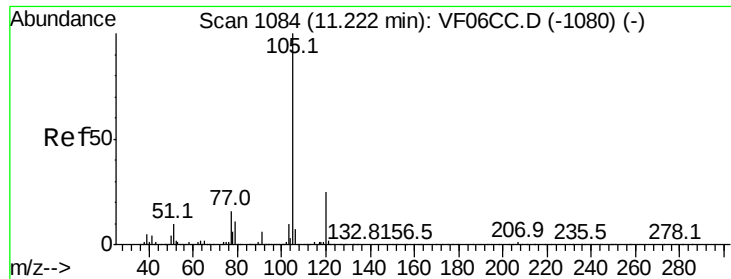


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 9.587 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

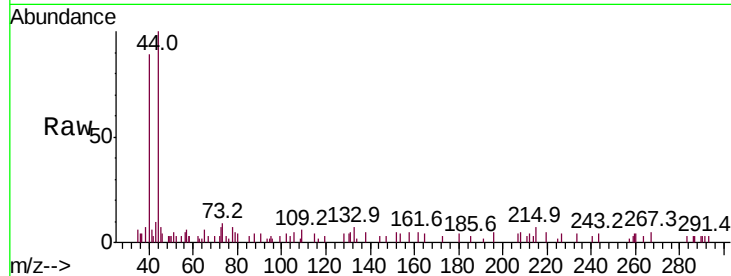
FK-SF-02-004-A

Tot Ion:105 Resp: 291

Ion Ratio Lower Upper

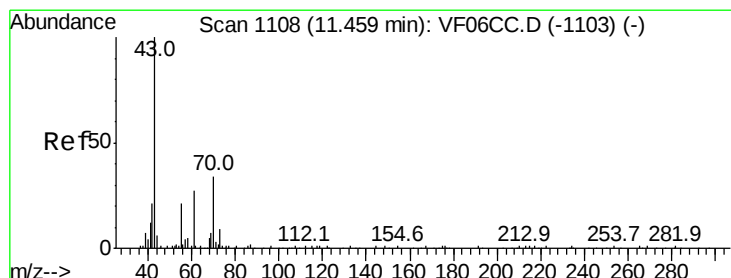
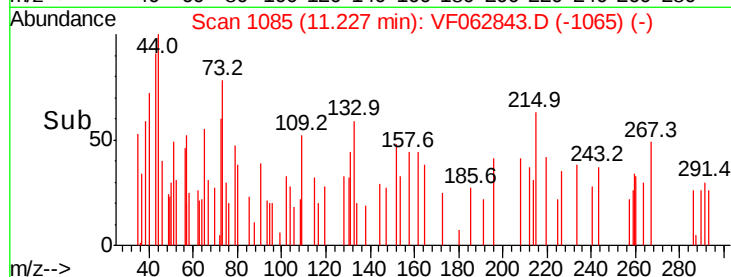
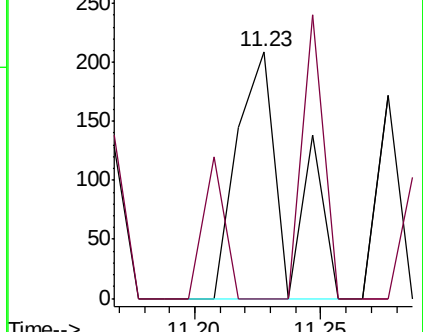
105 100

120 0.0 15.1 45.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 84.866 ug/l

RT: 11.26 min Scan# 1088

Delta R.T. -0.20 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Tgt Ion: 43 Resp: 726

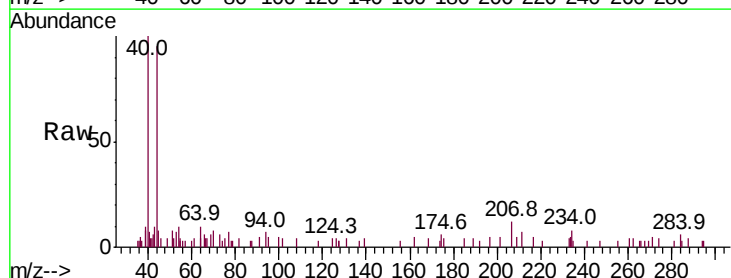
Ion Ratio Lower Upper

43 100

70 47.0 32.9 49.3

55 25.6 17.3 25.9

61 25.2 23.7 35.5

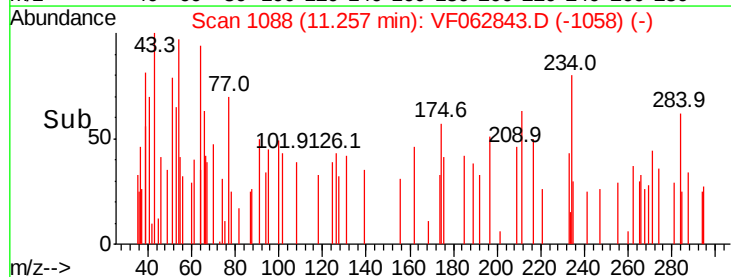
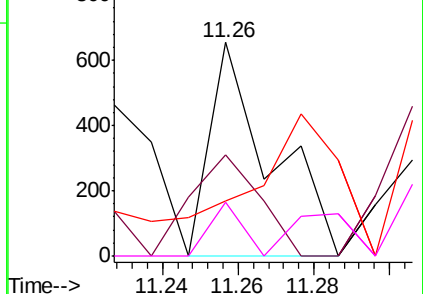


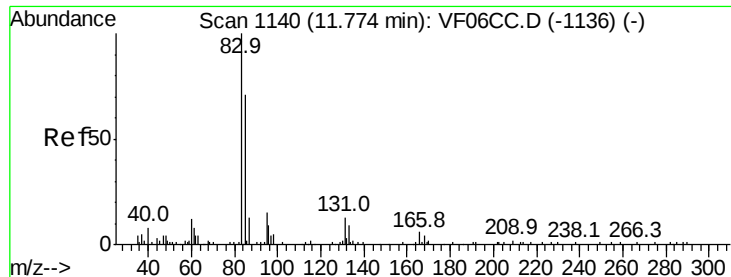
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.645 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

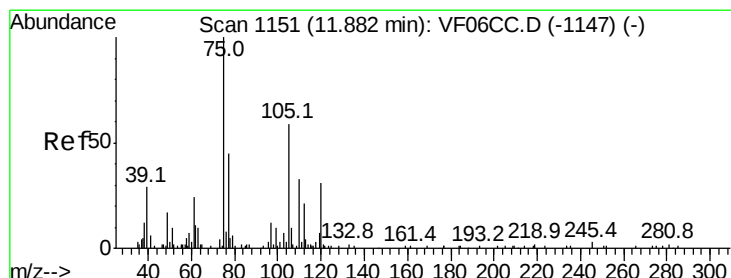
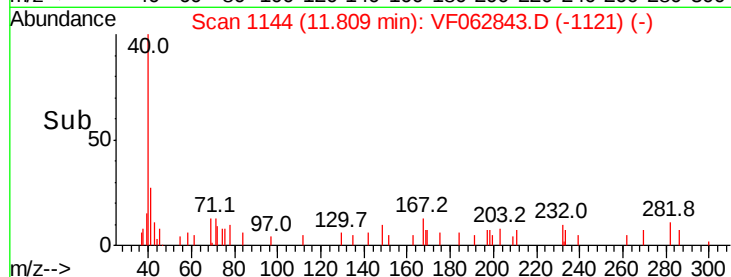
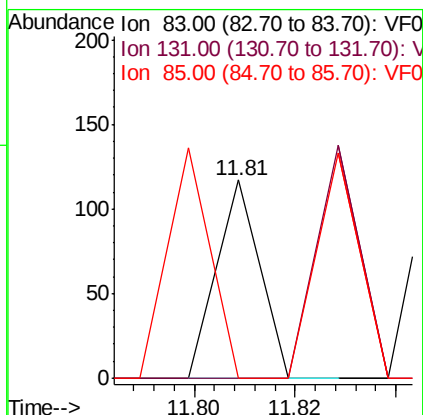
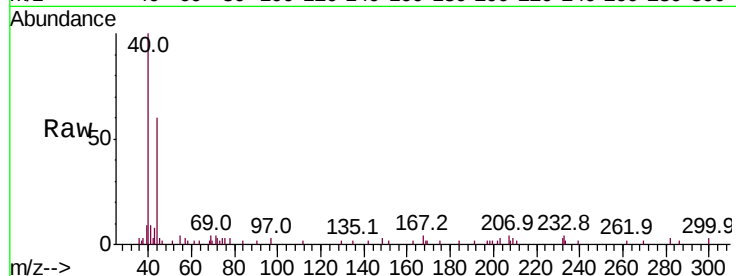
Tot Ion: 83 Resp: 69

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 82.392 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.03 min

Lab File: VF062843.D

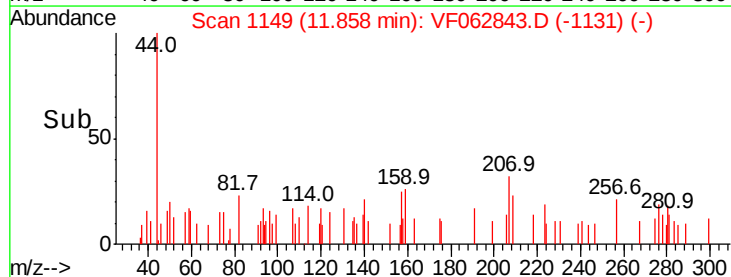
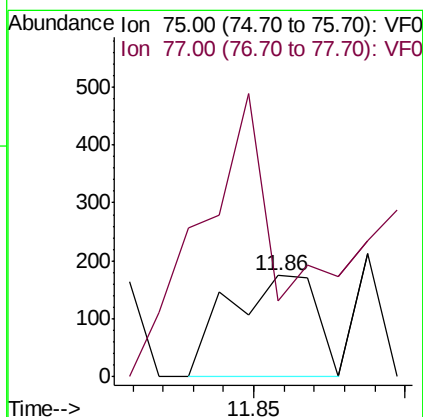
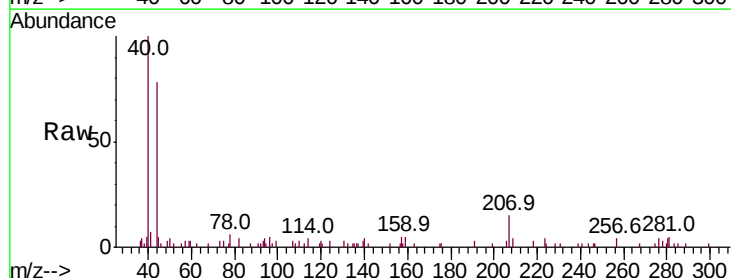
Acq: 4 Jun 2019 17:14

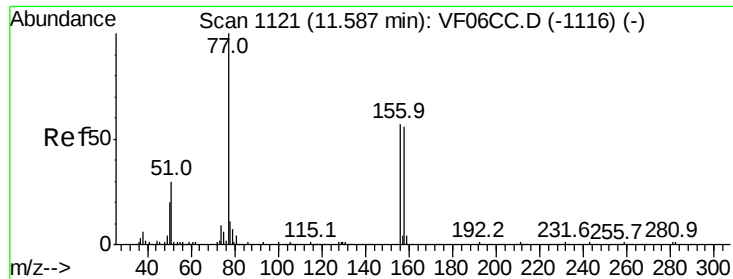
Tgt Ion: 75 Resp: 354

Ion Ratio Lower Upper

75 100

77 75.9 20.1 60.2#





#77

Bromobenzene

Concen: 12.457 ug/l

RT: 11.62 min Scan# 1125

Delta R.T. 0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

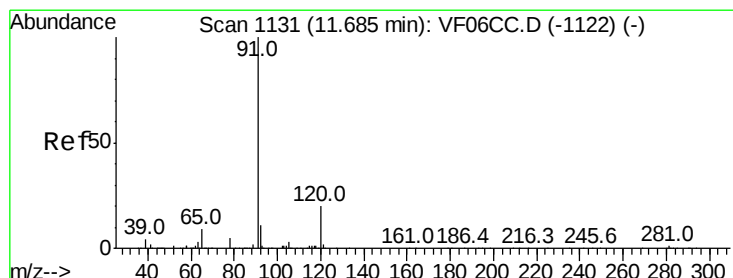
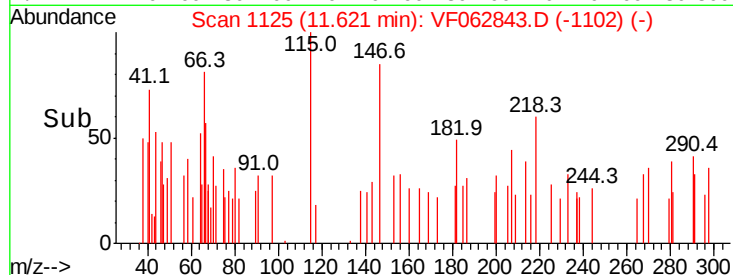
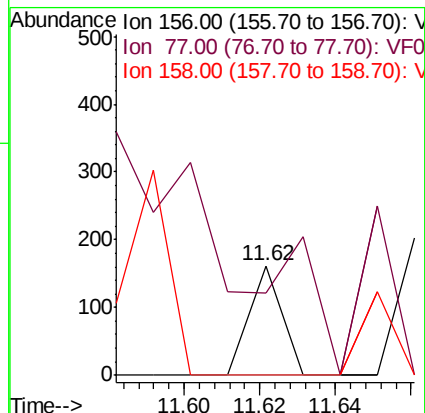
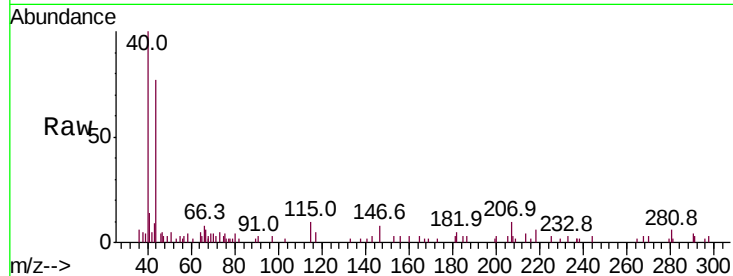
Tot Ion:156 Resp: 95

Ion Ratio Lower Upper

156 100

77 75.2 64.2 192.6

158 0.0 50.3 151.0#



#78

n-propylbenzene

Concen: 3.902 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF062843.D

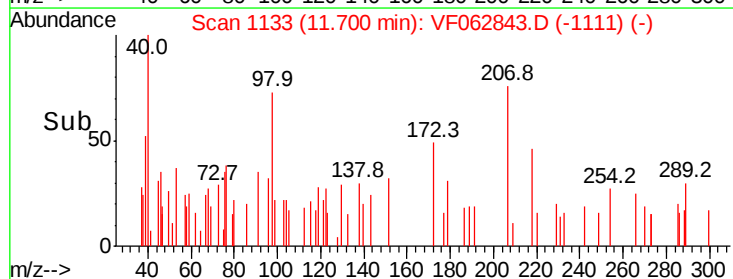
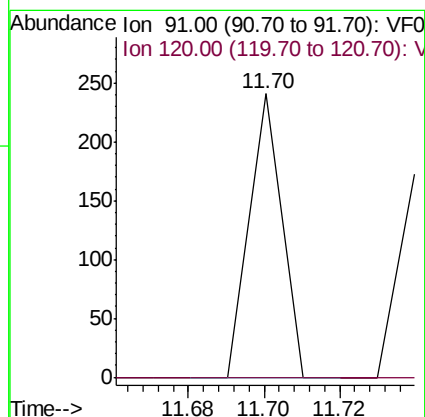
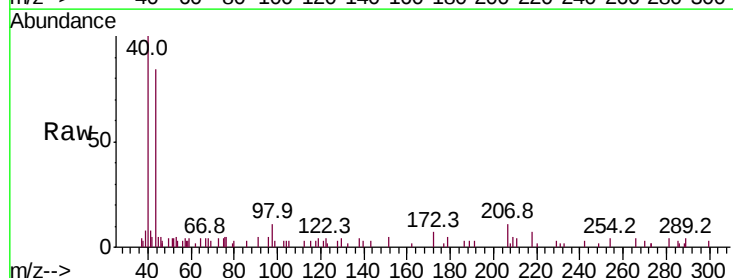
Acq: 4 Jun 2019 17:14

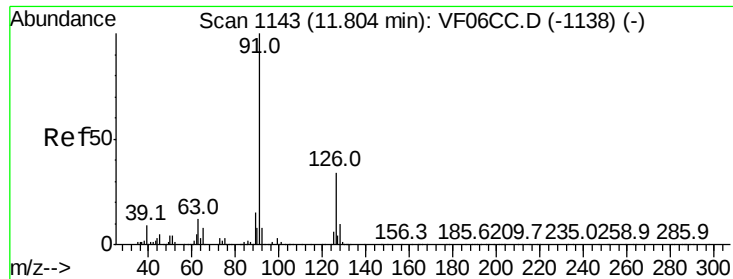
Tgt Ion: 91 Resp: 143

Ion Ratio Lower Upper

91 100

120 0.0 12.8 38.4#

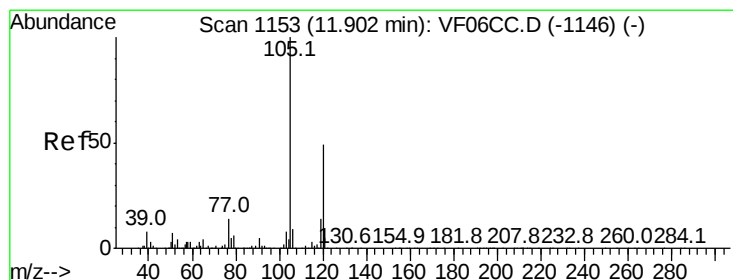
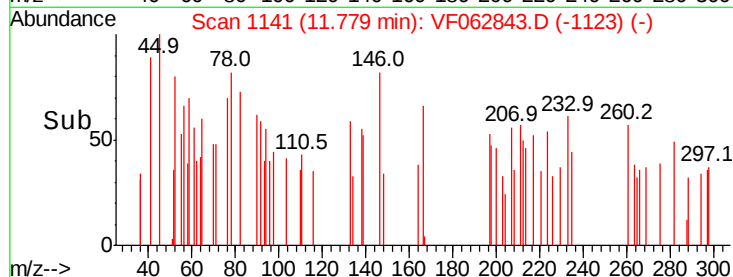
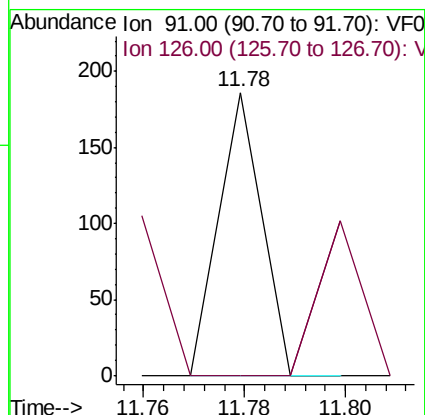
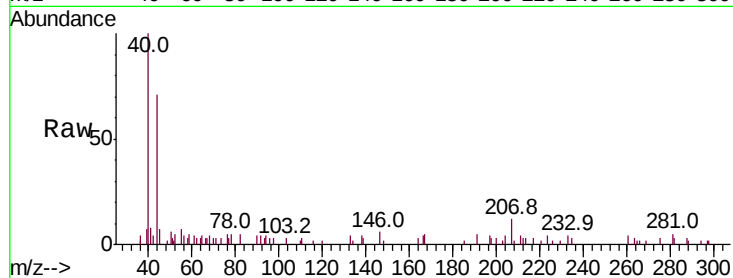




#79
2-Chlorotoluene
Concen: 5.246 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

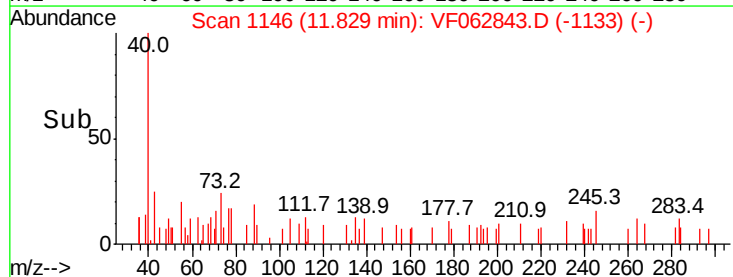
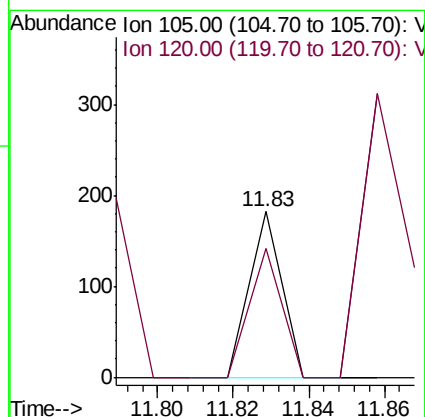
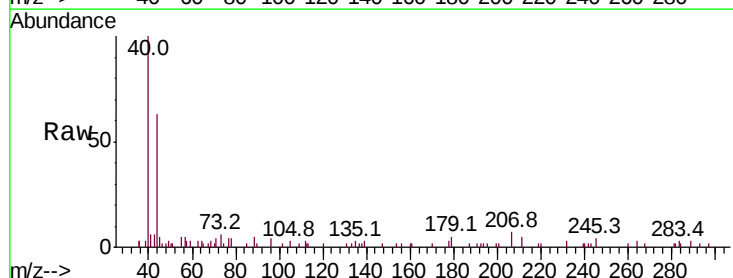
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

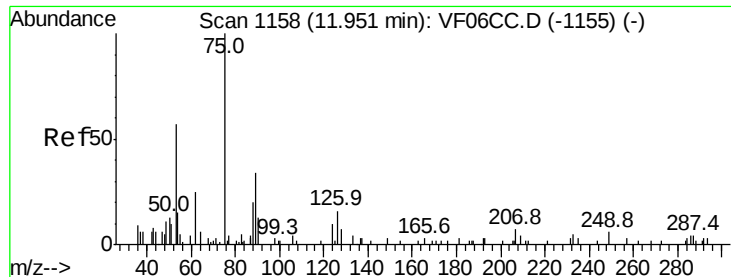
Tot Ion: 91 Resp: 110
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.3#



#80
1,3,5-Trimethylbenzene
Concen: 4.351 ug/l
RT: 11.83 min Scan# 1146
Delta R.T. -0.08 min
Lab File: VF062843.D
Acq: 4 Jun 2019 17:14

Tgt Ion: 105 Resp: 108
Ion Ratio Lower Upper
105 100
120 78.0 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 121.494 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

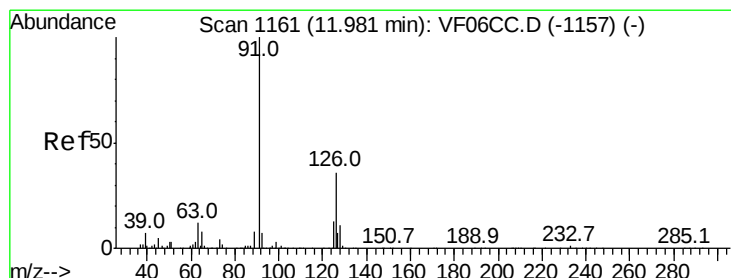
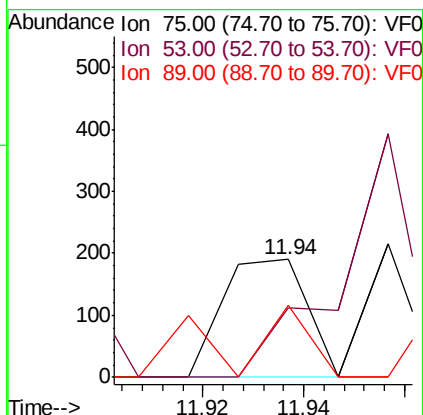
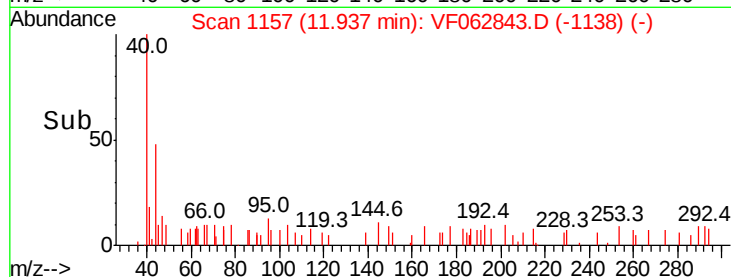
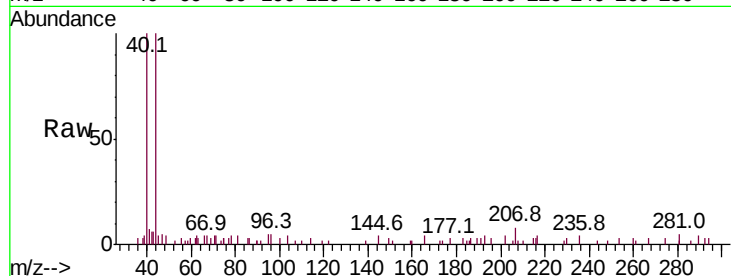
Tot Ion: 75 Resp: 221

Ion Ratio Lower Upper

75 100

53 58.9 43.5 65.3

89 61.1 34.3 51.5#



#82

4-Chlorotoluene

Concen: 9.074 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. -0.03 min

Lab File: VF062843.D

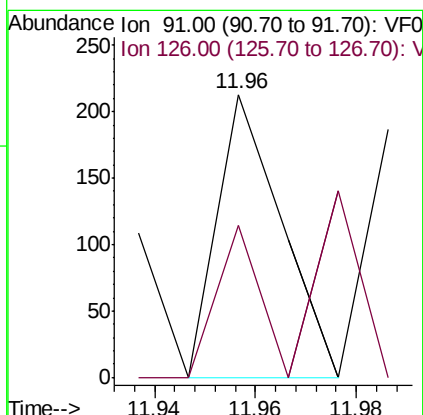
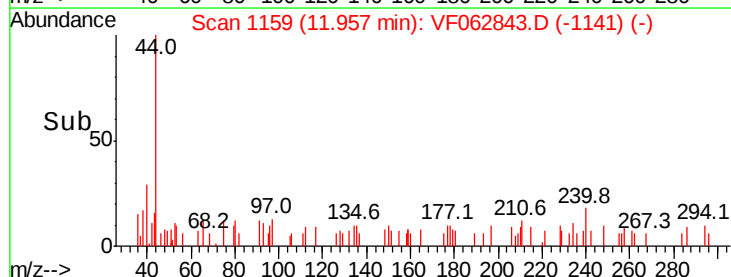
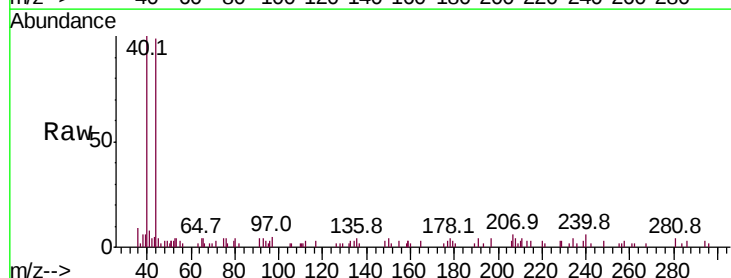
Acq: 4 Jun 2019 17:14

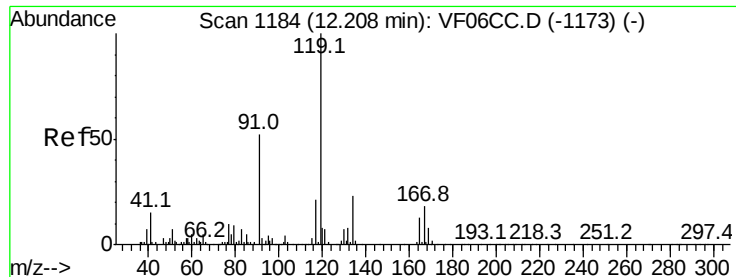
Tgt Ion: 91 Resp: 187

Ion Ratio Lower Upper

91 100

126 53.5 19.1 57.1





#83

tert-Butylbenzene

Concen: 15.857 ug/l

RT: 12.15 min Scan# 1179

Delta R.T. -0.06 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

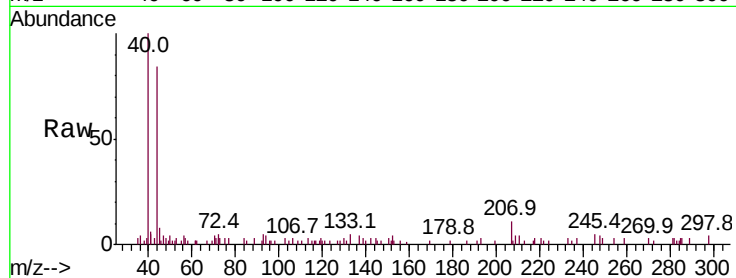
Tot Ion:119 Resp: 390

Ion Ratio Lower Upper

119 100

91 0.0 28.9 86.7#

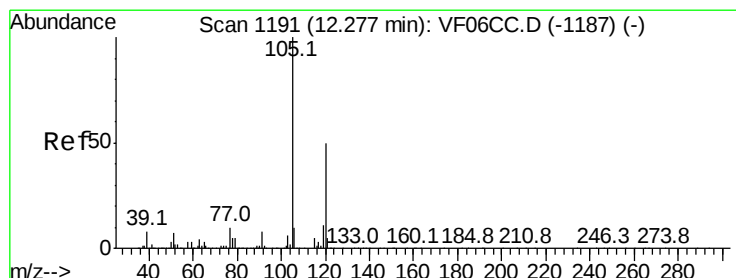
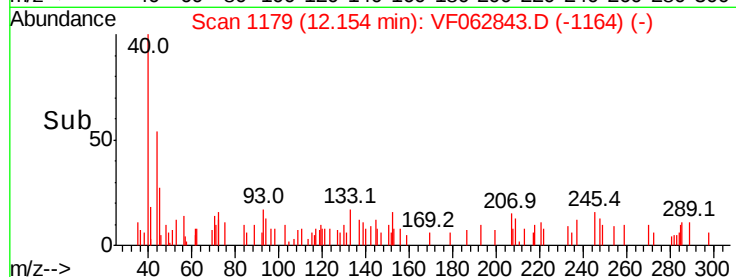
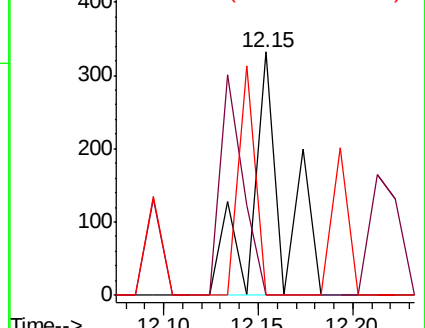
134 0.0 14.3 42.9#



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: 7.903 ug/l

RT: 12.33 min Scan# 1197

Delta R.T. 0.05 min

Lab File: VF062843.D

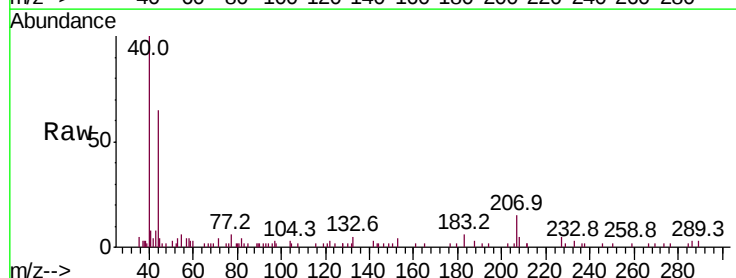
Acq: 4 Jun 2019 17:14

Tgt Ion:105 Resp: 186

Ion Ratio Lower Upper

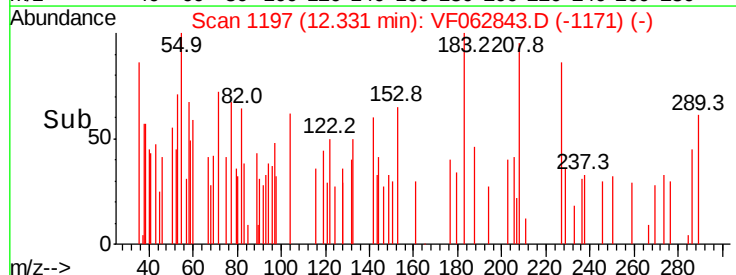
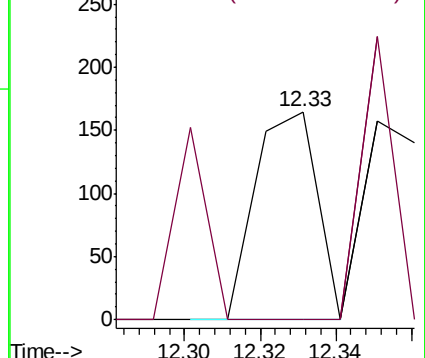
105 100

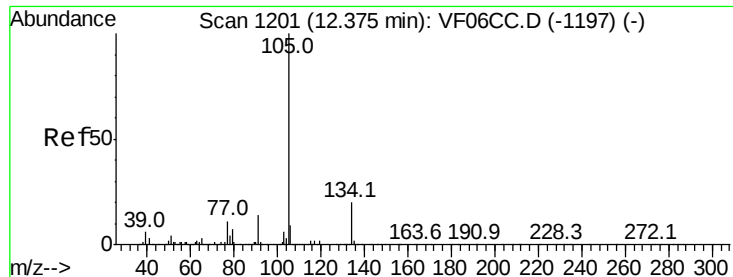
120 0.0 27.1 81.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

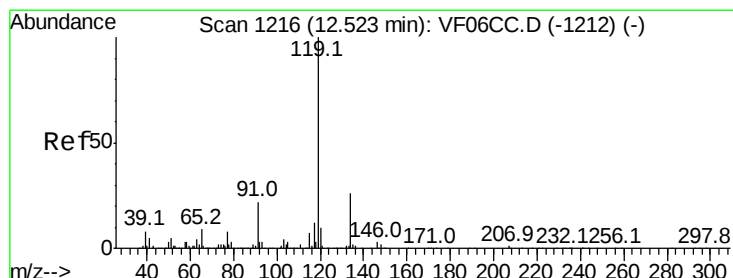
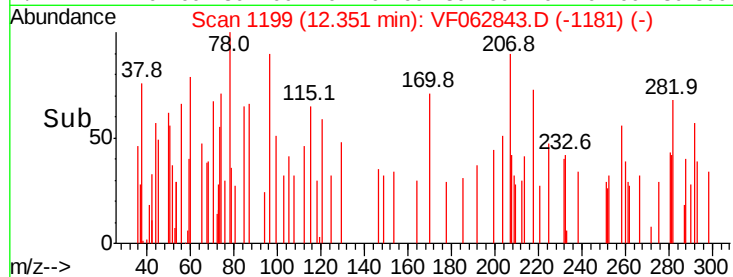
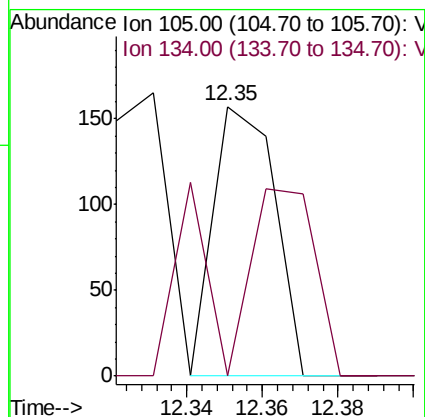
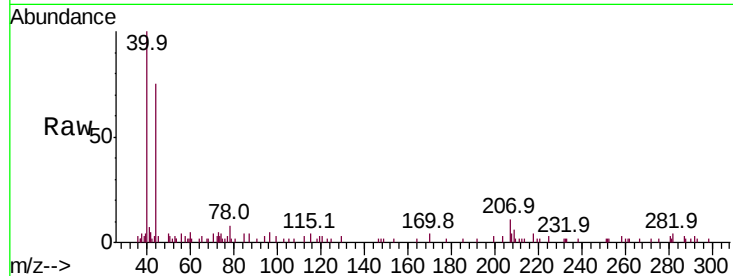




#85
 sec-Butylbenzene
 Concen: 5.431 ug/l
 RT: 12.35 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

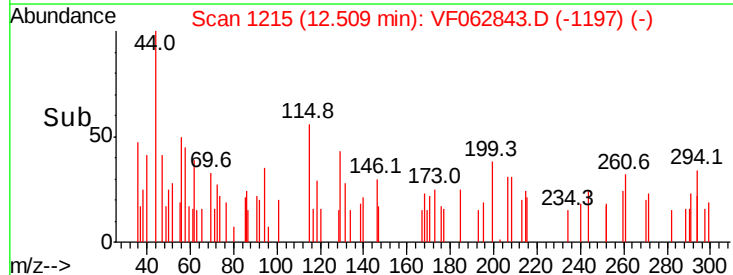
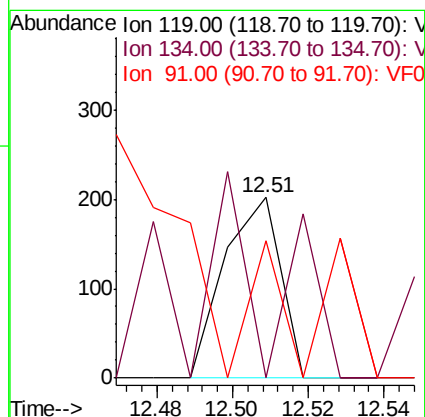
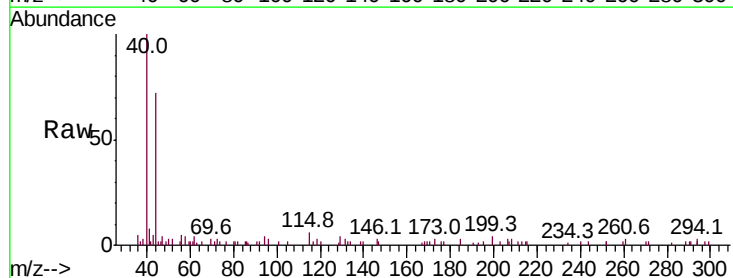
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-02-004-A

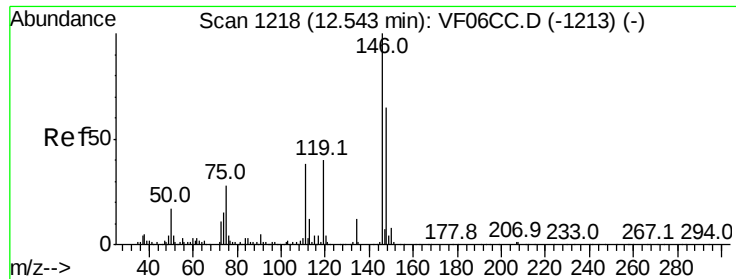
Tot Ion:105 Resp: 176
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#



#86
 p-Isopropyltoluene
 Concen: 7.636 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

Tgt Ion:119 Resp: 206
 Ion Ratio Lower Upper
 119 100
 134 0.0 15.5 46.5#
 91 75.7 10.3 30.9#





#87

1,3-Dichlorobenzene

Concen: 5.502 ug/l

RT: 12.58 min Scan# 1222

Delta R.T. 0.03 min

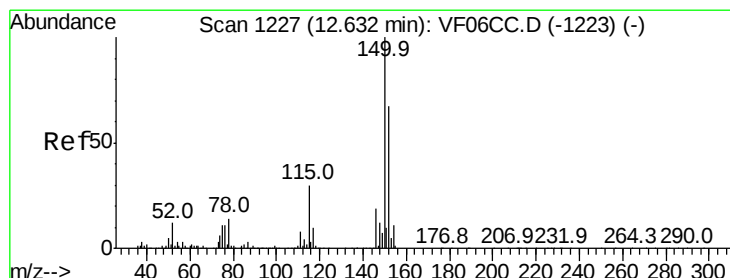
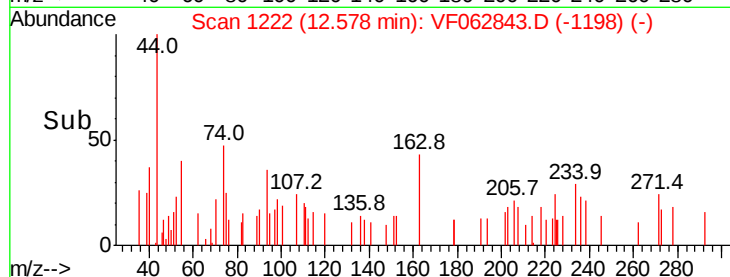
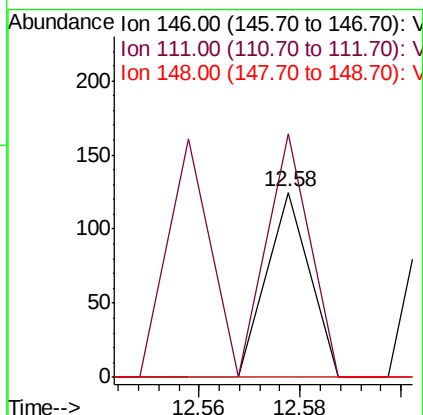
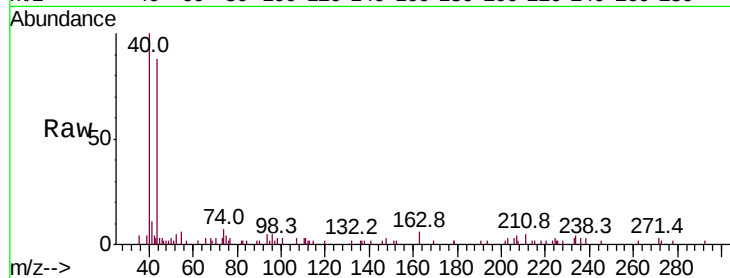
Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-A

Tot Ion:146 Resp: 74

Ion	Ratio	Lower	Upper
146	100		
111	131.2	19.6	58.8#
148	0.0	34.2	102.5#



#88

1,4-Dichlorobenzene

Concen: 13.942 ug/l

RT: 12.65 min Scan# 1229

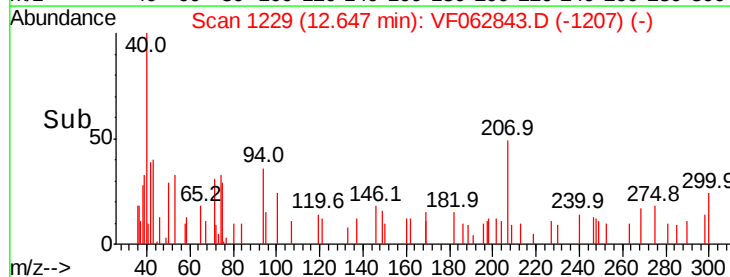
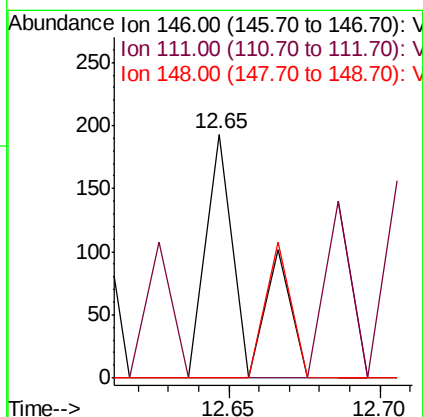
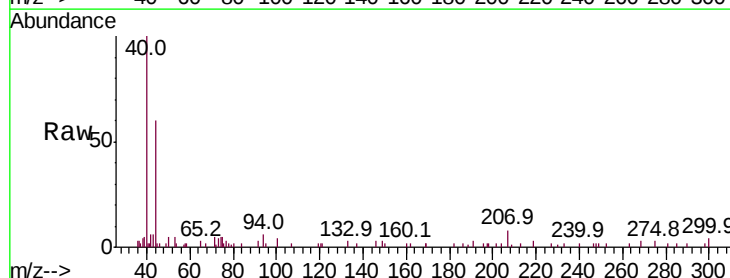
Delta R.T. 0.01 min

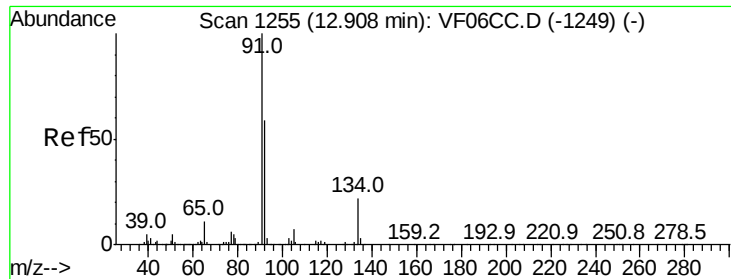
Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Tgt Ion:146 Resp: 175

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.9#
148	0.0	34.0	101.8#





#89

n-Butylbenzene

Concen: 6.965 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

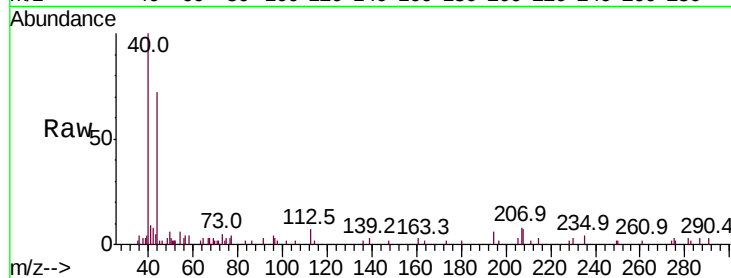
Tot Ion: 91 Resp: 189

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

134 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

500

400

300

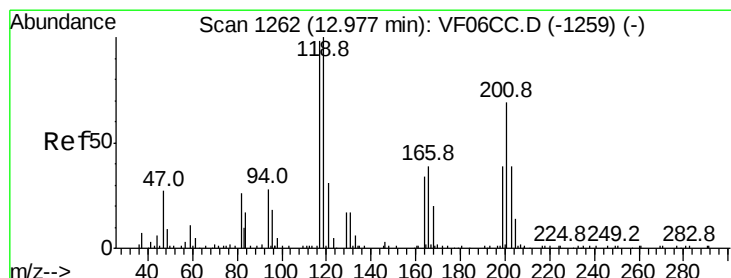
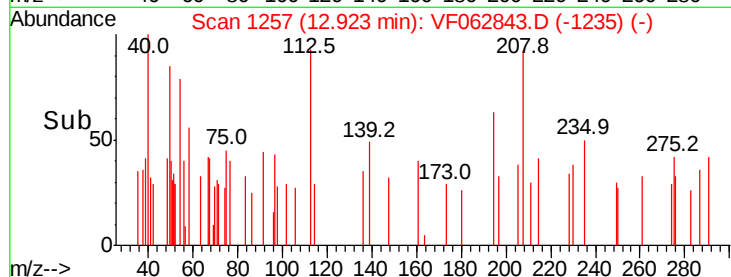
200

100

0

12.90 12.92 12.94

Time-->



#90

Hexachloroethane

Concen: 22.798 ug/l

RT: 12.86 min Scan# 1251

Delta R.T. -0.12 min

Lab File: VF062843.D

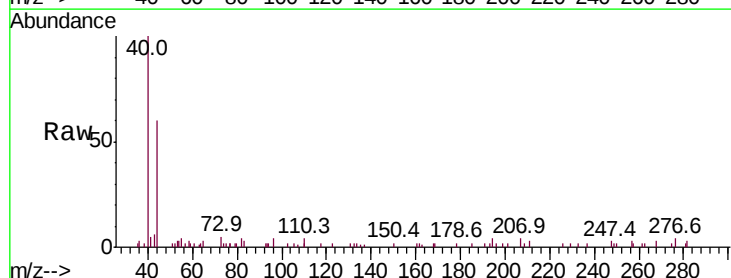
Acq: 4 Jun 2019 17:14

Tgt Ion: 117 Resp: 150

Ion Ratio Lower Upper

117 100

201 95.3 38.9 116.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

200

150

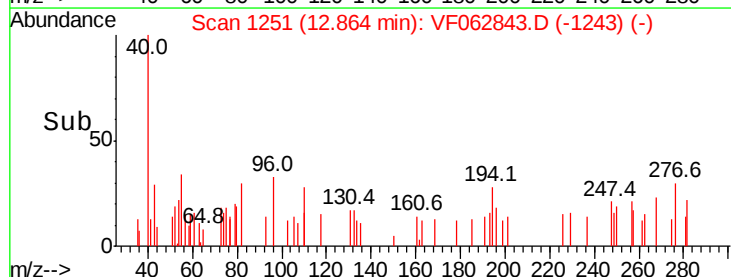
100

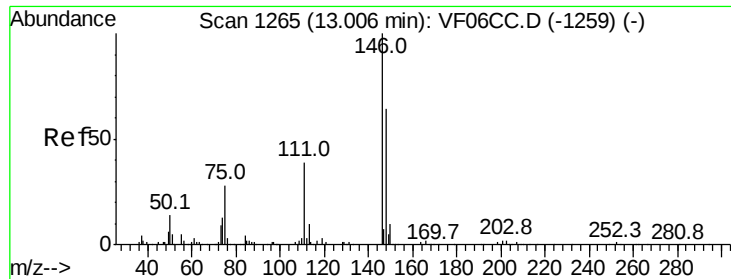
50

0

12.85

Time-->





#91

1,2-Dichlorobenzene

Concen: 10.743 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

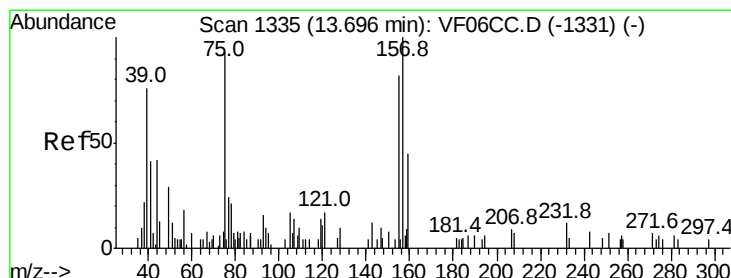
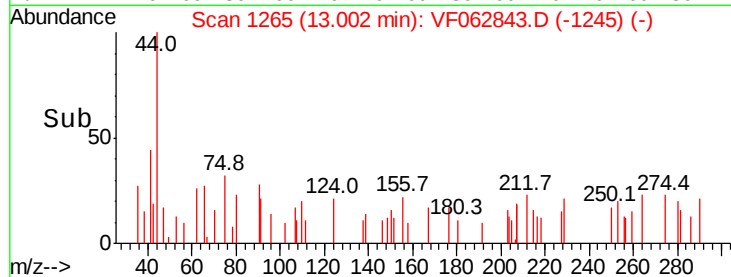
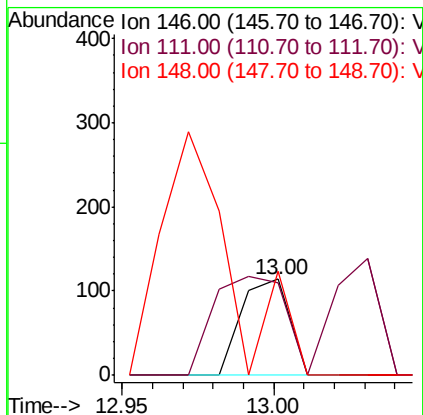
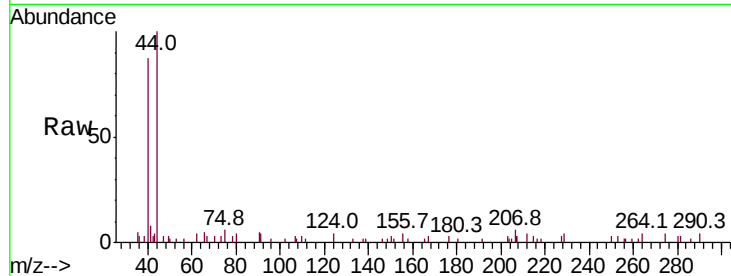
Tot Ion:146 Resp: 127

Ion Ratio Lower Upper

146 100

111 96.5 20.4 61.3#

148 107.9 34.1 102.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 526.780 ug/l

RT: 13.74 min Scan# 1340

Delta R.T. 0.04 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

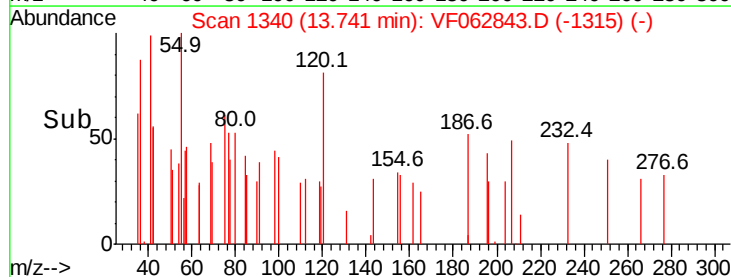
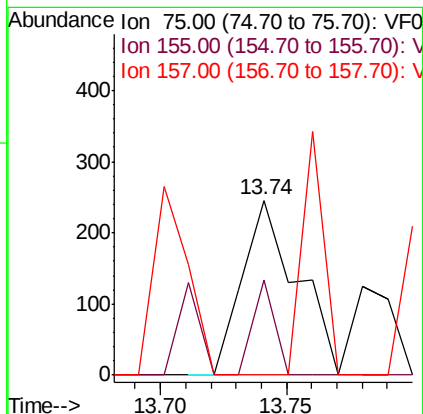
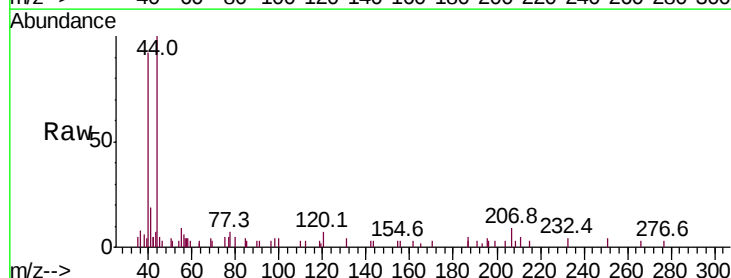
Tgt Ion: 75 Resp: 372

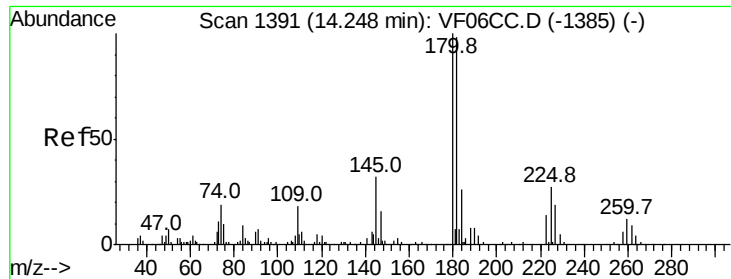
Ion Ratio Lower Upper

75 100

155 54.5 51.7 155.1

157 0.0 66.8 200.6#

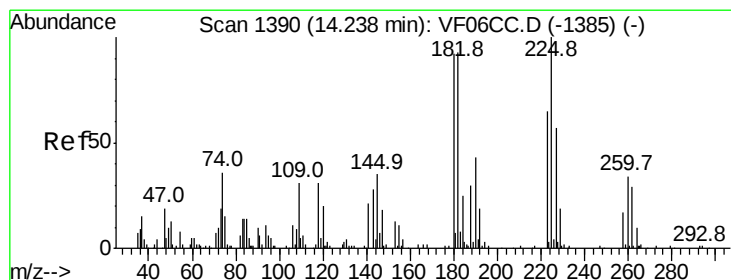
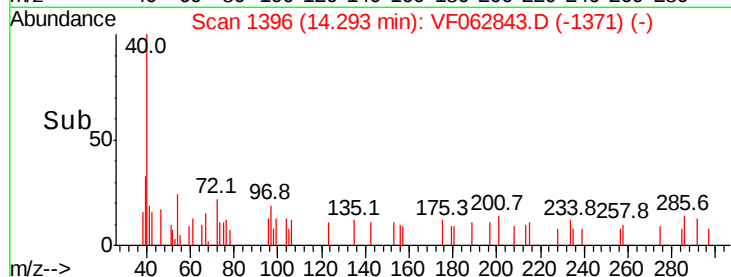
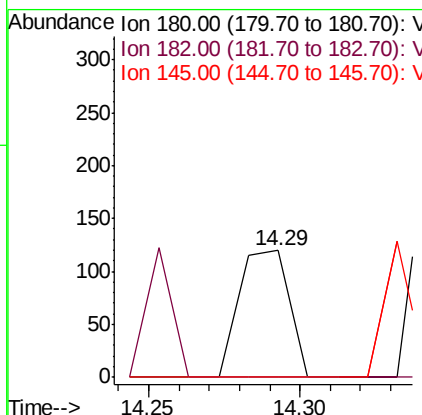
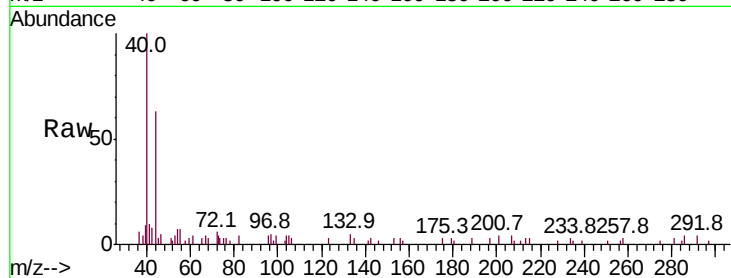




#93
 1,2,4-Trichlorobenzene
 Concen: 17.125 ug/l
 RT: 14.29 min Scan# 1396
 Delta R.T. 0.04 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

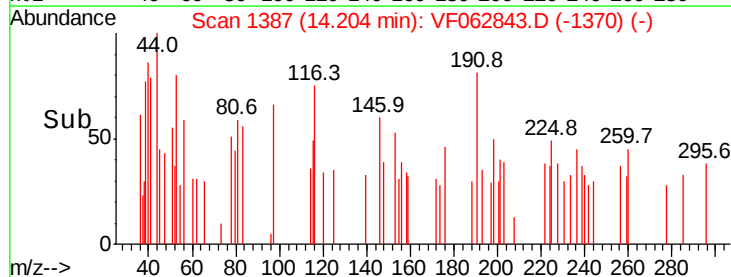
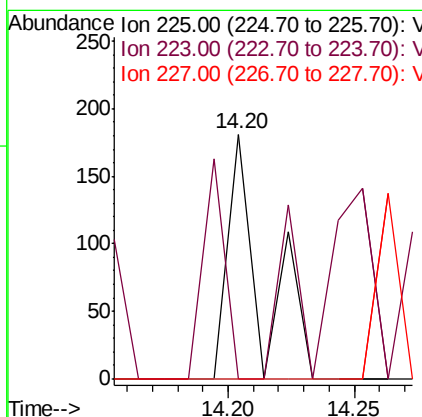
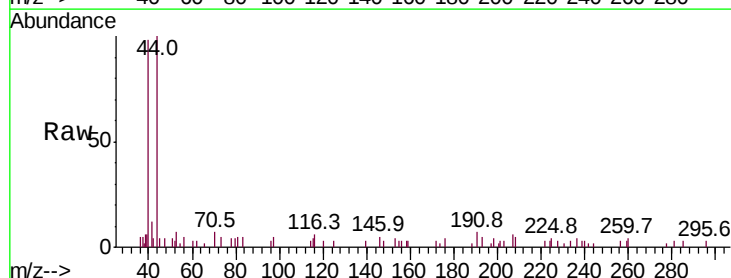
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-02-004-A

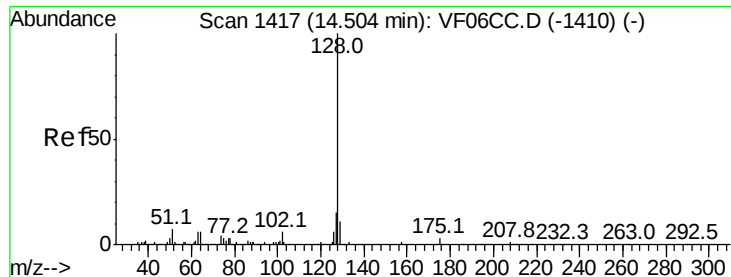
Tot Ion:180 Resp: 139
 Ion Ratio Lower Upper
 180 100
 182 0.0 50.3 150.9#
 145 0.0 15.4 46.2#



#94
 Hexachlorobutadiene
 Concen: 30.452 ug/l
 RT: 14.20 min Scan# 1387
 Delta R.T. -0.04 min
 Lab File: VF062843.D
 Acq: 4 Jun 2019 17:14

Tgt Ion:225 Resp: 171
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.8 92.4#
 227 0.0 31.9 95.5#





#95

Naphthalene

Concen: 31.433 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-A

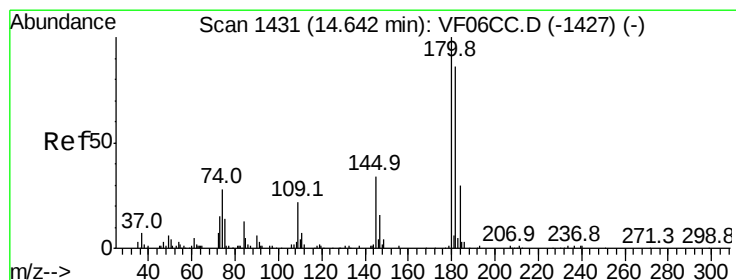
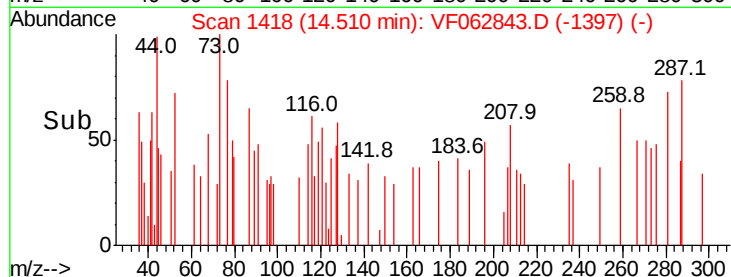
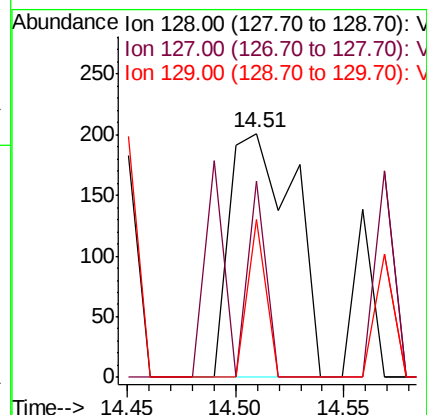
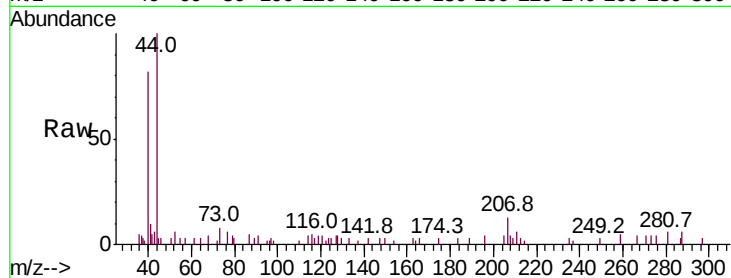
Tot Ion:128 Resp: 418

Ion Ratio Lower Upper

128 100

127 80.6 9.7 14.5#

129 64.7 9.4 14.2#



#96

1,2,3-Trichlorobenzene

Concen: 33.741 ug/l

RT: 14.63 min Scan# 1430

Delta R.T. -0.02 min

Lab File: VF062843.D

Acq: 4 Jun 2019 17:14

Tgt Ion:180 Resp: 250

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#

