

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062251.D
 Acq On : 22 Apr 2019 18:14
 Operator : FY/SY
 Sample : K2514-02
 Misc : 4.70µ/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-007-ABCD

Quant Time: Apr 23 01:08:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	2545	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.78	114	1400	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	63	50.00	ug/l	0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	193	8.27	ug/l	0.05
Spiked Amount	50.000		Recovery	=	16.54%	
35) Dibromofluoromethane	4.30	113	147	12.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.00%	
50) Toluene-d8	7.73	98	778	25.10	ug/l	0.03
Spiked Amount	50.000		Recovery	=	50.20%	
62) 4-Bromofluorobenzene	11.55	95	749	62.81	ug/l	0.07
Spiked Amount	50.000		Recovery	=	125.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.01	85	101	2.611	ug/l # 42
3) Chloromethane	1.14	50	237	5.929	ug/l # 56
4) Vinyl Chloride	1.17	62	69	2.009	ug/l # 42
5) Bromomethane	1.40	94	422	21.151	ug/l # 58
6) Chloroethane	1.42	64	440	30.646	ug/l # 41
7) Trichlorofluoromethane	1.47	101	83	1.902	ug/l # 20
8) Diethyl Ether	1.50	74	183	20.152	ug/l # 75
9) 1,1,2-Trichlorotrifluoroet	1.81	101	64	2.147	ug/l # 21
10) Methyl Iodide	2.10	142	62	1.171	ug/l # 42
11) Tert butyl alcohol	2.72	59	157	96.786	ug/l # 1
12) 1,1-Dichloroethene	1.88	96	501	17.672	ug/l # 1
13) Acrolein	2.14	56	322	438.698	ug/l # 29
14) Allyl chloride	2.18	41	558	17.150	ug/l # 48
15) Acrylonitrile	3.08	53	230	46.553	ug/l # 15
16) Acetone	2.38	43	966	173.181	ug/l # 52
17) Carbon Disulfide	1.93	76	212	2.691	ug/l # 1
18) Methyl Acetate	2.46	43	1239	110.132	ug/l # 59
19) Methyl tert-butyl Ether	2.54	73	440	8.790	ug/l # 67
21) trans-1,2-Dichloroethene	2.46	96	199	7.098	ug/l # 1
22) Diisopropyl ether	2.95	45	400	4.806	ug/l # 46
23) Vinyl Acetate	3.34	43	1016	25.622	ug/l # 79
24) 1,1-Dichloroethane	3.00	63	60	1.318	ug/l # 1
25) 2-Butanone	4.51	43	2268	203.345	ug/l # 56
26) 2,2-Dichloropropane	3.57	77	254	11.050	ug/l # 84
27) cis-1,2-Dichloroethene	3.67	96	279	7.685	ug/l # 1
28) Bromochloromethane	3.93	49	59	2.705	ug/l # 8
29) Tetrahydrofuran	4.27	42	329	65.169	ug/l # 61
30) Chloroform	4.04	83	176	3.146	ug/l # 96
31) Cyclohexane	3.84	56	98	1.796	ug/l # 17
32) 1,1,1-Trichloroethane	4.32	97	206	5.030	ug/l # 17
36) 1,1-Dichloropropene	4.43	75	64	3.813	ug/l # 1
37) Ethyl Acetate	4.31	43	1887	238.239	ug/l # 74
38) Carbon Tetrachloride	4.19	117	73	4.913	ug/l # 13
39) Methylcyclohexane	5.66	83	232	11.544	ug/l # 1

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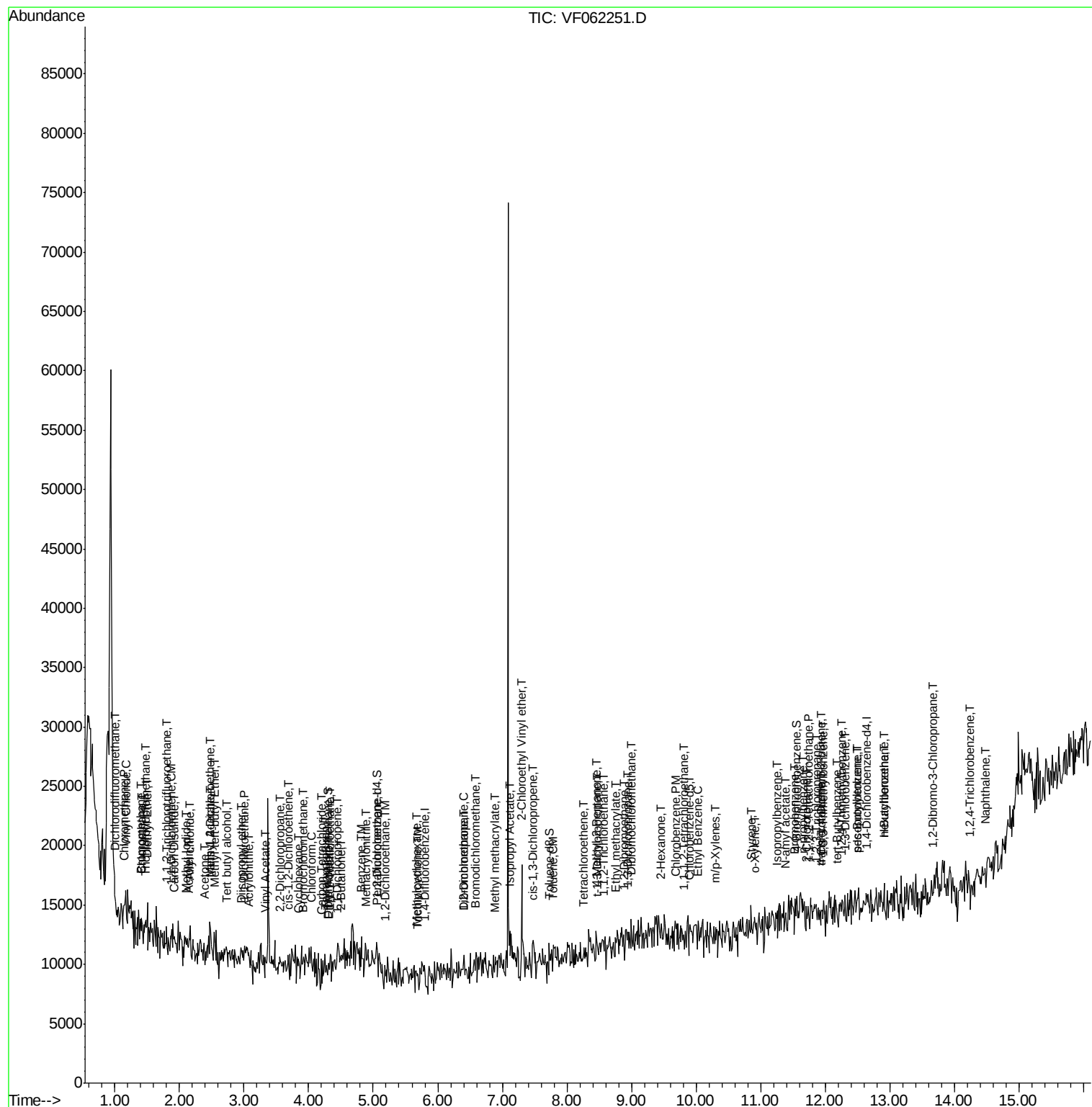
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.83	78	584	13.265	ug/l #	52
41) Methacrylonitrile	4.90	41	725	158.684	ug/l #	40
42) 1,2-Dichloroethane	5.19	62	70	6.014	ug/l #	1
43) Isopropyl Acetate	7.12	43	1882	225.915	ug/l #	45
44) Trichloroethene	5.68	130	66	5.548	ug/l	2
45) 1,2-Dichloropropane	6.40	63	66	6.806	ug/l #	1
46) Dibromomethane	6.39	93	139	21.543	ug/l #	3
47) Bromodichloromethane	6.59	83	175	12.019	ug/l #	24
48) Methyl methacrylate	6.90	41	503	91.877	ug/l #	15
51) 4-Methyl-2-Pentanone	8.45	43	622	100.385	ug/l #	71
52) Toluene	7.77	92	270	11.634	ug/l #	1
53) t-1,3-Dichloropropene	8.47	75	61	5.578	ug/l #	44
54) cis-1,3-Dichloropropene	7.46	75	72	4.867	ug/l #	39
55) 1,1,2-Trichloroethane	8.57	97	73	11.228	ug/l #	41
56) Ethyl methacrylate	8.75	69	288	38.962	ug/l #	76
57) 1,3-Dichloropropane	8.95	76	76	7.239	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.30	63	81	37.743	ug/l #	48
59) 2-Hexanone	9.45	43	340	88.083	ug/l	95
60) Dibromochloromethane	9.01	129	86	8.895	ug/l	80
61) 1,2-Dibromoethane	8.88	107	73	9.966	ug/l #	1
64) Tetrachloroethene	8.25	164	70	19.435	ug/l #	1
65) Chlorobenzene	9.68	112	62	7.287	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	9.81	131	60	15.060	ug/l #	1
67) Ethyl Benzene	10.02	91	214	13.833	ug/l #	44
68) m/p-Xylenes	10.30	106	76	13.345	ug/l #	1
69) o-Xylene	10.90	106	62	9.805	ug/l	66
70) Styrene	10.85	104	64	7.172	ug/l #	23
73) Isopropylbenzene	11.24	105	98	18.109	ug/l #	49
74) N-amyl acetate	11.39	43	1823	1482.714	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	11.75	83	140	150.426	ug/l #	66
76) 1,2,3-Trichloropropane	11.88	75	185	288.919	ug/l #	1
77) Bromobenzene	11.53	156	64	55.206	ug/l #	1
78) n-propylbenzene	11.66	91	243	42.565	ug/l #	53
79) 2-Chlorotoluene	11.72	91	289	83.453	ug/l	79
80) 1,3,5-Trimethylbenzene	11.96	105	244	54.134	ug/l	64
81) trans-1,4-Dichloro-2-buten	11.94	75	329	1007.469	ug/l #	33
82) 4-Chlorotoluene	11.93	91	135	40.338	ug/l	80
83) tert-Butylbenzene	12.18	119	121	25.959	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.26	105	212	48.605	ug/l #	29
85) sec-Butylbenzene	12.49	105	379	62.630	ug/l	98
86) p-Isopropyltoluene	12.50	119	99	19.286	ug/l #	1
87) 1,3-Dichlorobenzene	12.30	146	60	27.890	ug/l #	46
89) n-Butylbenzene	12.90	91	428	107.335	ug/l #	28
90) Hexachloroethane	12.91	117	60	45.518	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.67	75	92	503.129	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.24	180	59	33.946	ug/l #	11
95) Naphthalene	14.48	128	87	28.628	ug/l #	1

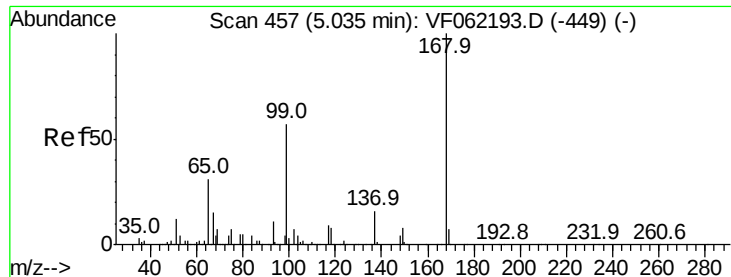
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

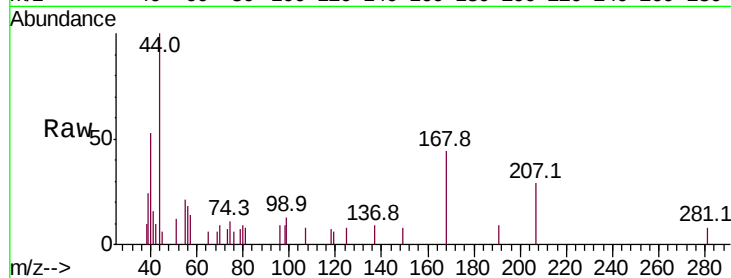
FK-SF-01-007-ABCD

Tot Ion:168 Resp: 2545

Ion Ratio Lower Upper

168 100

99 30.4 45.5 68.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

600

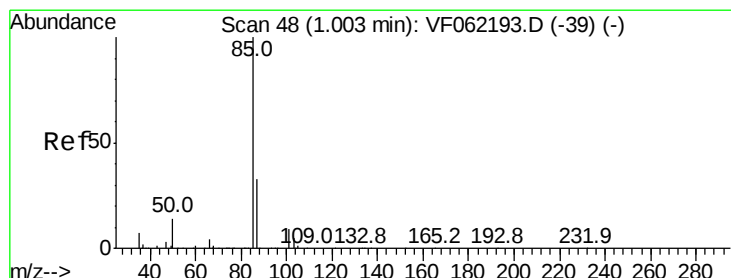
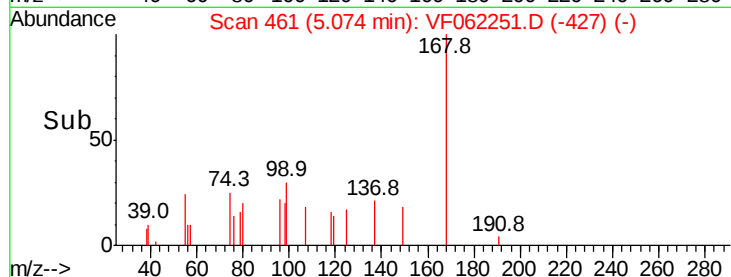
400

200

0

5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 2.611 ug/l

RT: 1.01 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF062251.D

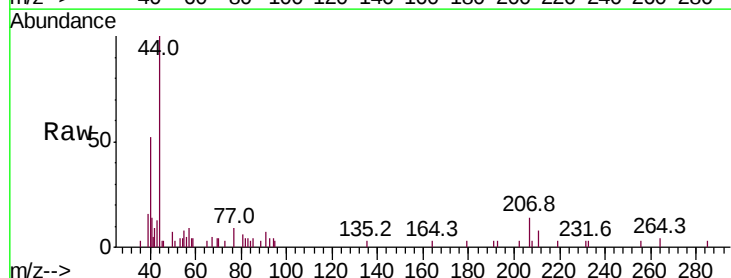
Acq: 22 Apr 2019 18:14

Tgt Ion: 85 Resp: 101

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

200

150

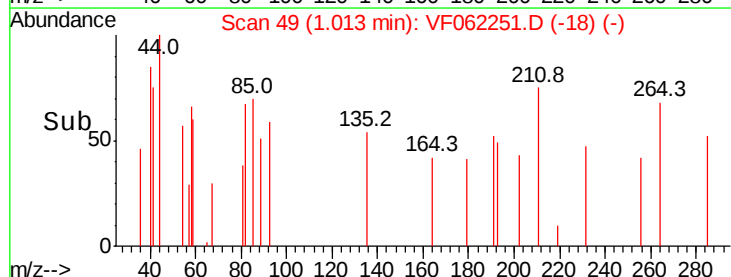
100

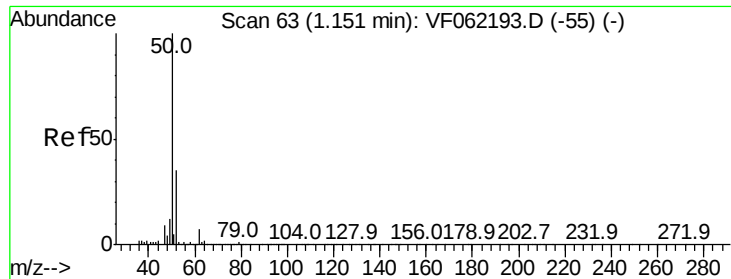
50

0

1.00 1.02 1.04

Time-->





#3

Chloromethane

Concen: 5.929 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

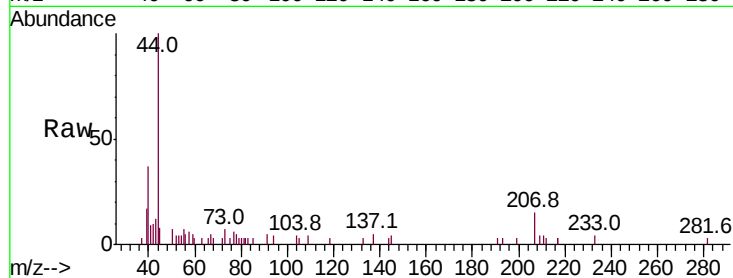
FK-SF-01-007-ABCD

Tot Ion: 50 Resp: 237

Ion Ratio Lower Upper

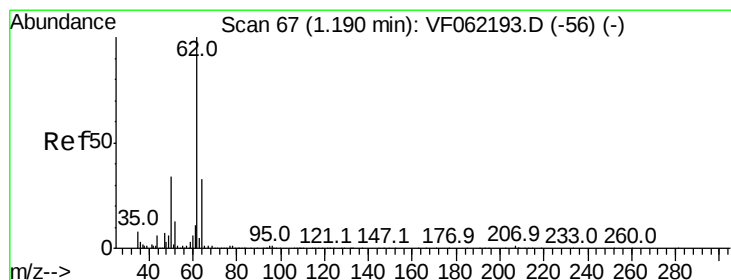
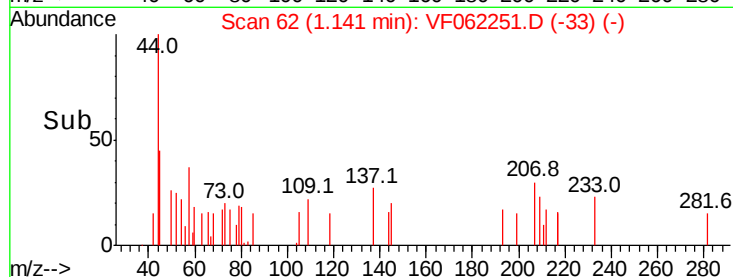
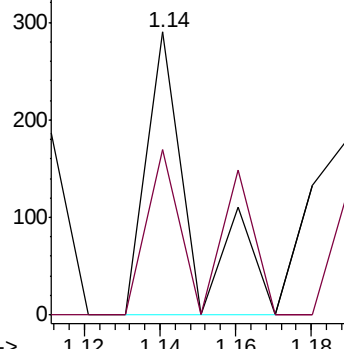
50 100

52 58.6 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 2.009 ug/l

RT: 1.17 min Scan# 65

Delta R.T. -0.02 min

Lab File: VF062251.D

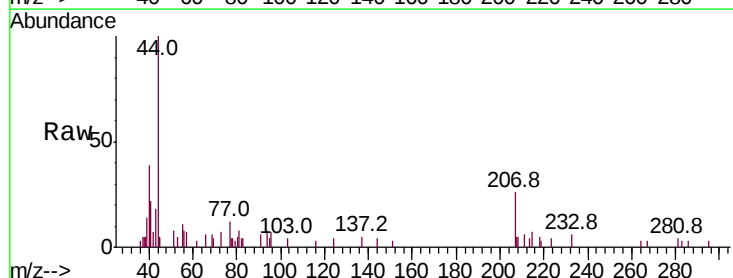
Acq: 22 Apr 2019 18:14

Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

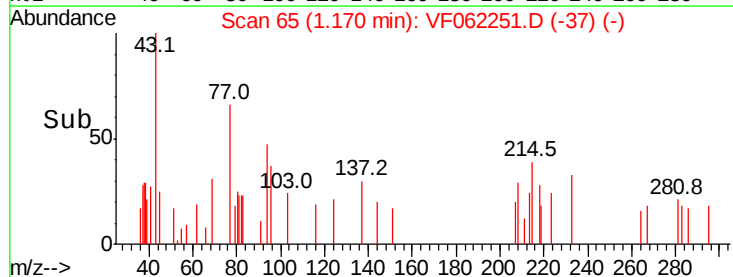
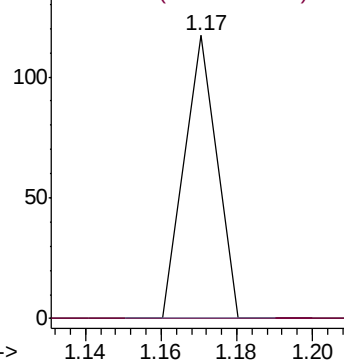
62 100

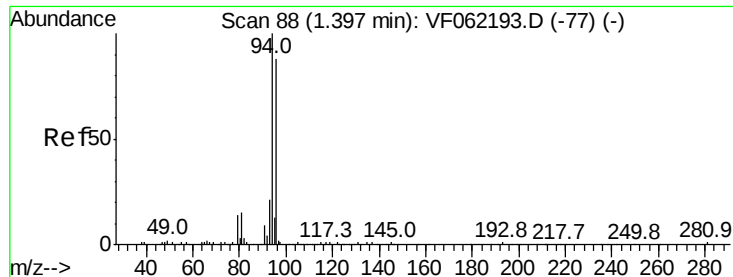
64 0.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 21.151 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

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ClientSampleId :

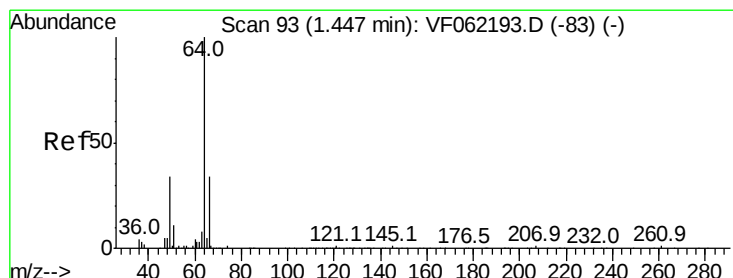
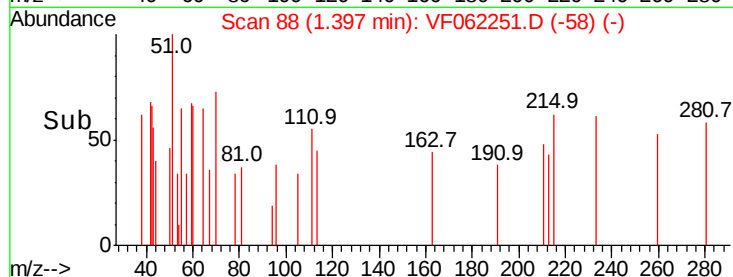
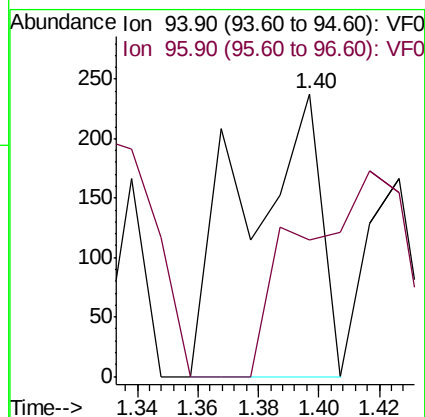
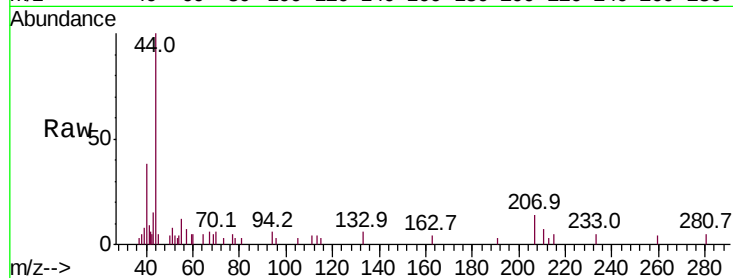
FK-SF-01-007-ABCD

Tot Ion: 94 Resp: 422

Ion Ratio Lower Upper

94 100

96 48.3 70.2 105.4#



#6

Chloroethane

Concen: 30.646 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.03 min

Lab File: VF062251.D

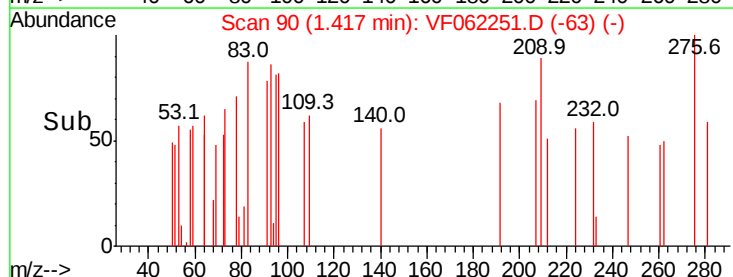
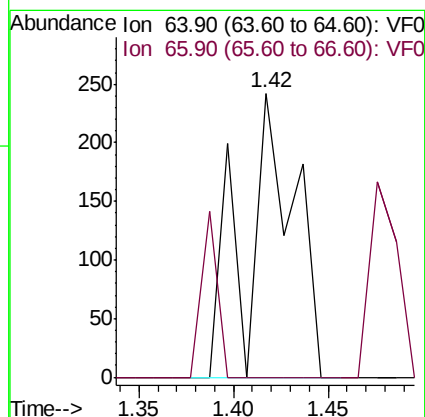
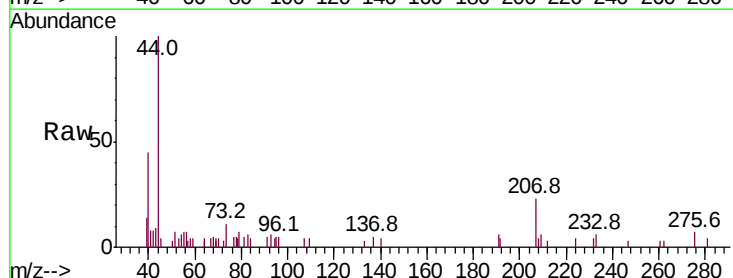
Acq: 22 Apr 2019 18:14

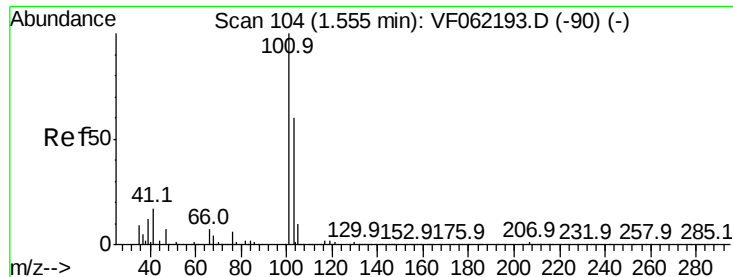
Tgt Ion: 64 Resp: 440

Ion Ratio Lower Upper

64 100

66 0.0 27.0 40.4#



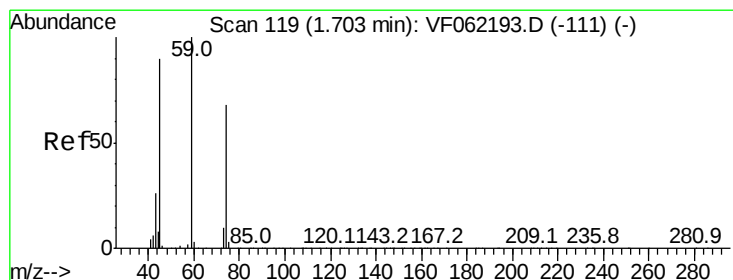
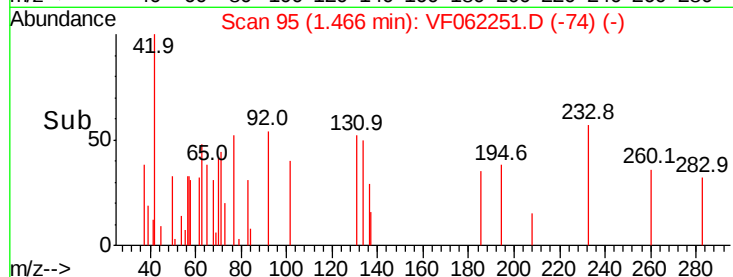
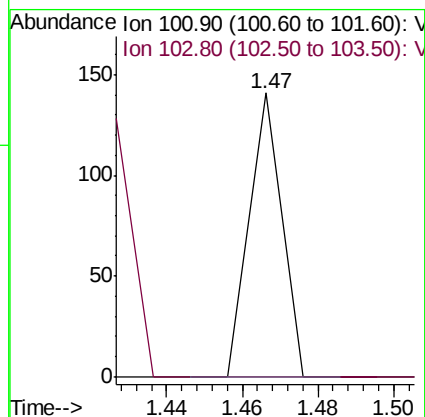
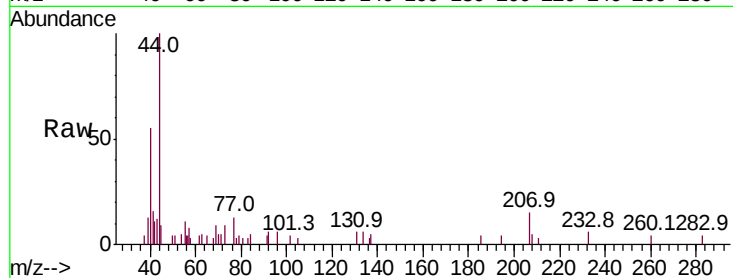


#7

Trichlorofluoromethane
 Concen: 1.902 ug/l
 RT: 1.47 min Scan# 95
 Delta R.T. -0.09 min
 Lab File: VF062251.D
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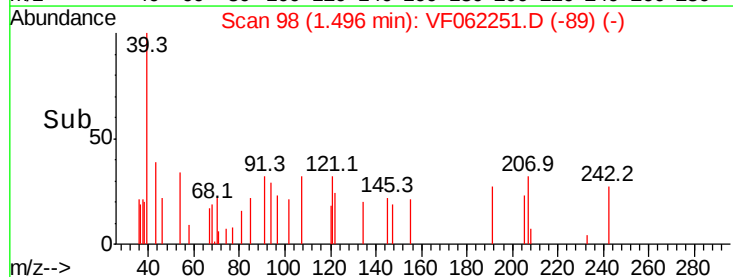
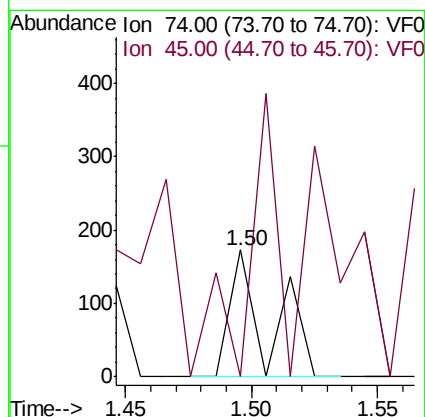
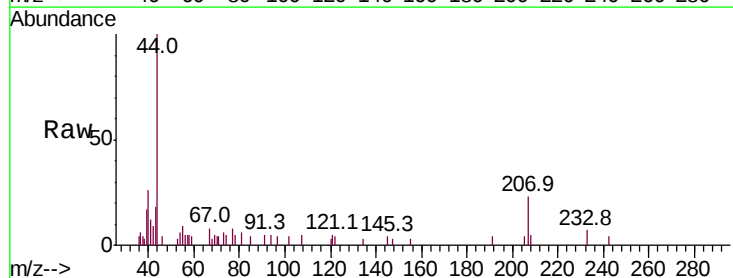
Tot Ion:101 Resp: 83
 Ion Ratio Lower Upper
 101 100
 103 0.0 48.2 72.4#

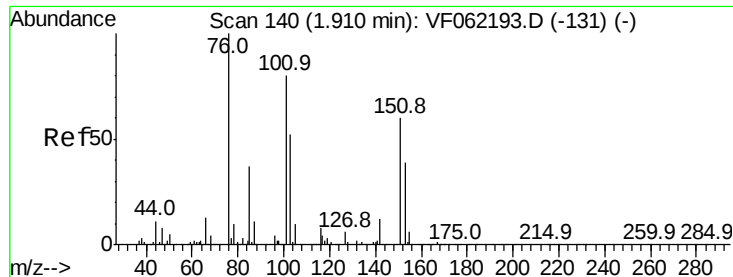


#8

Diethyl Ether
 Concen: 20.152 ug/l
 RT: 1.50 min Scan# 98
 Delta R.T. -0.21 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Tgt Ion: 74 Resp: 183
 Ion Ratio Lower Upper
 74 100
 45 170.5 70.0 210.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.147 ug/l

RT: 1.81 min Scan# 130

Delta R.T. -0.10 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

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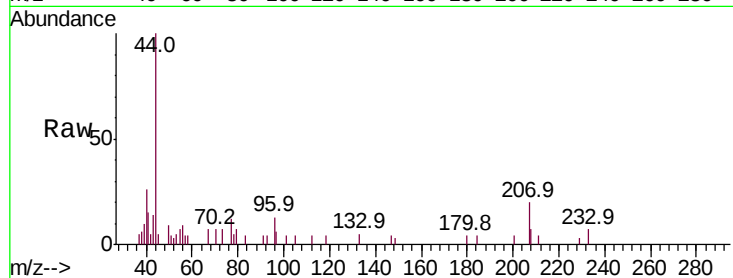
Tot Ion:101 Resp: 64

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

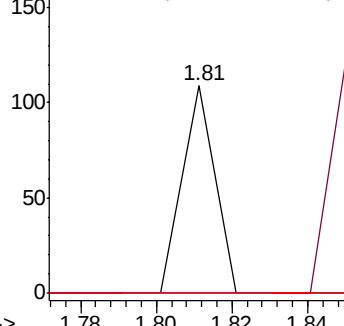
151 0.0 57.5 86.3#



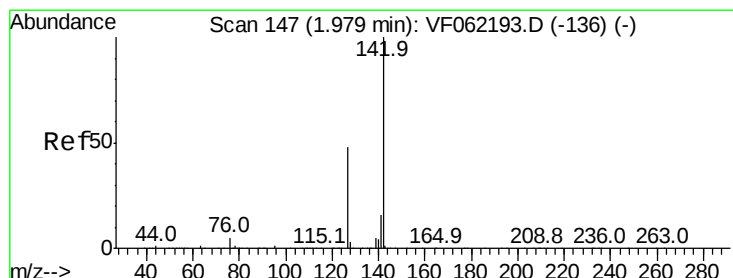
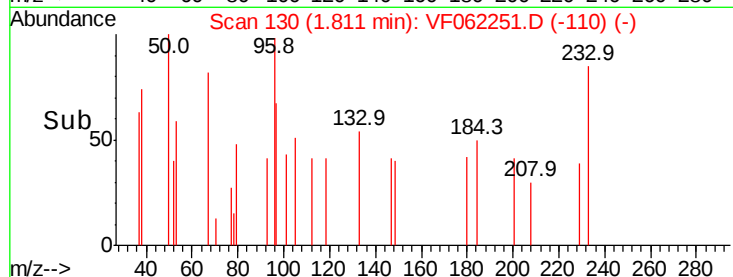
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 1.171 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.12 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

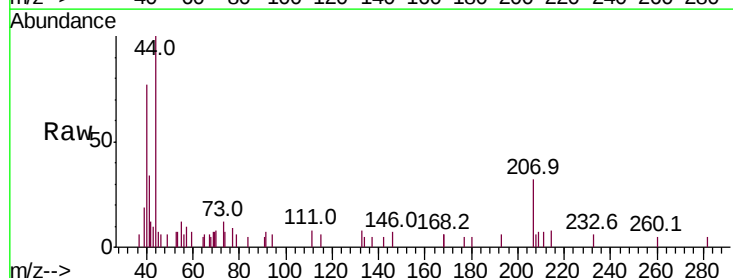
Tgt Ion:142 Resp: 62

Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.4#

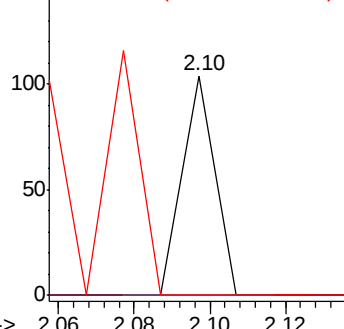
141 0.0 12.7 19.1#



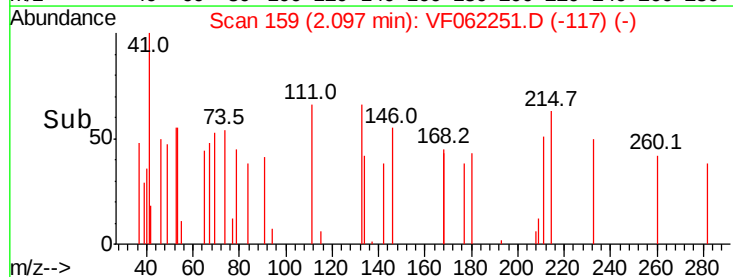
Abundance Ion 141.80 (141.50 to 142.50): V

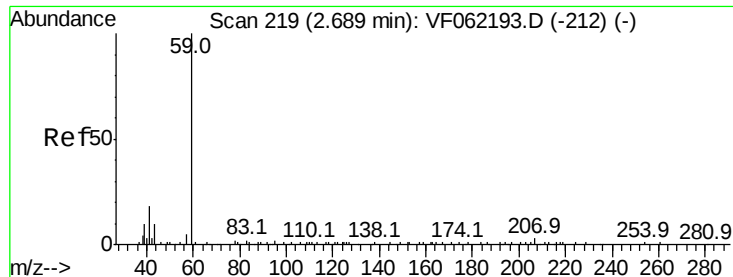
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



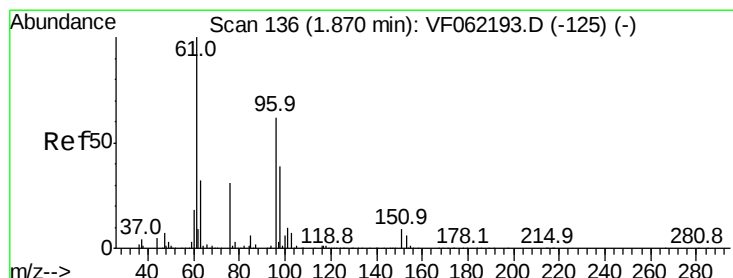
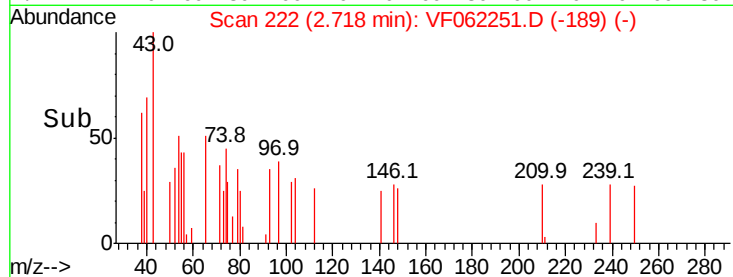
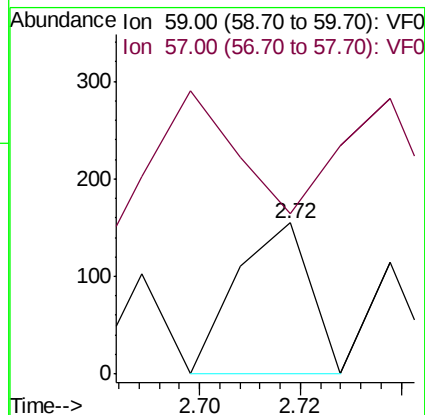
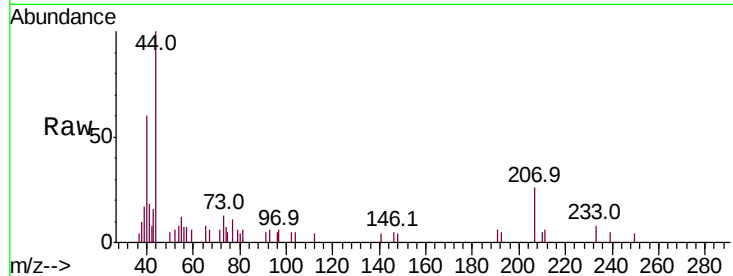


#11

Tert butyl alcohol
 Concen: 96.786 ug/l
 RT: 2.72 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-007-ABCD

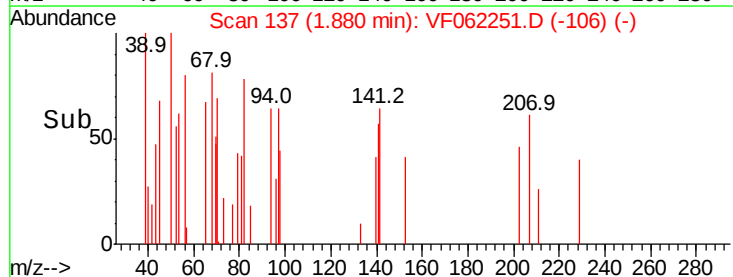
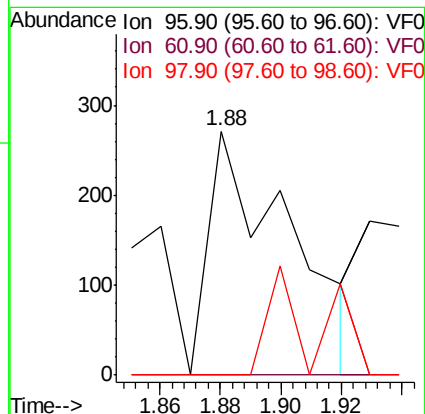
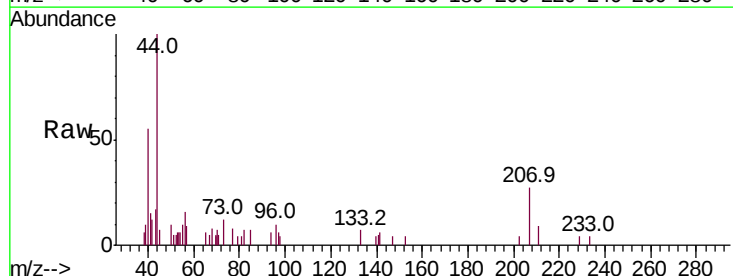
Tot Ion: 59 Resp: 157
 Ion Ratio Lower Upper
 59 100
 57 463.1 9.3 13.9#

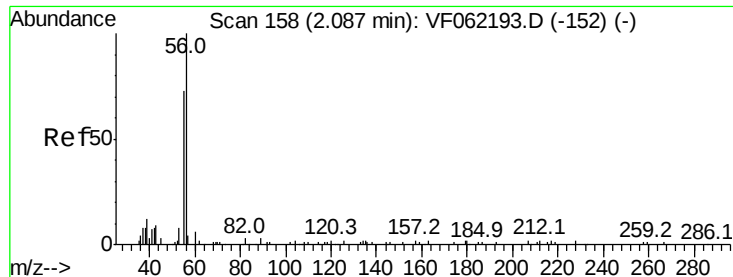


#12

1,1-Dichloroethene
 Concen: 17.672 ug/l
 RT: 1.88 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Tgt Ion: 96 Resp: 501
 Ion Ratio Lower Upper
 96 100
 61 0.0 129.1 193.7#
 98 0.0 50.0 75.0#





#13

Acrolein

Concen: 438.698 ug/l

RT: 2.14 min Scan# 163

Delta R.T. 0.05 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

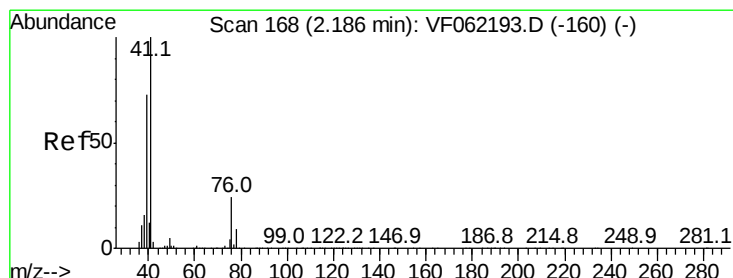
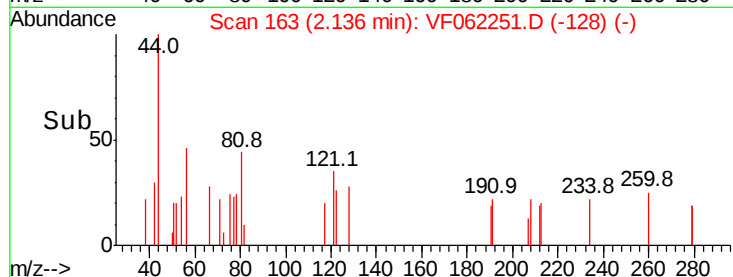
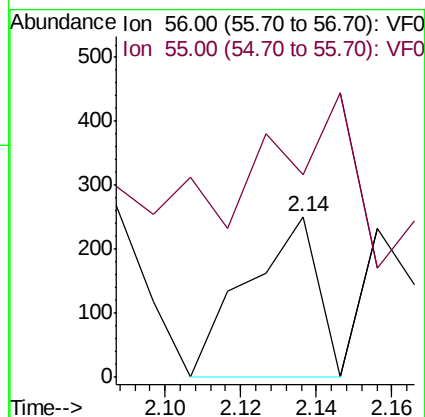
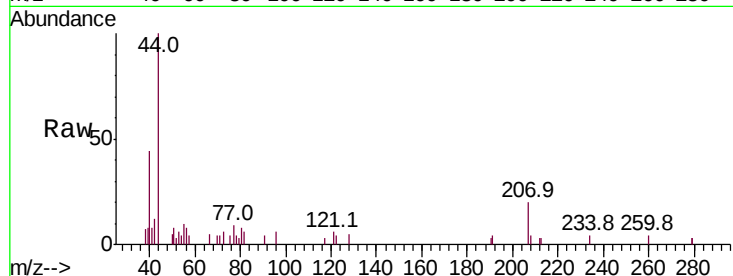
FK-SF-01-007-ABCD

Tot Ion: 56 Resp: 322

Ion Ratio Lower Upper

56 100

55 130.4 57.4 86.0#



#14

Allyl chloride

Concen: 17.150 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

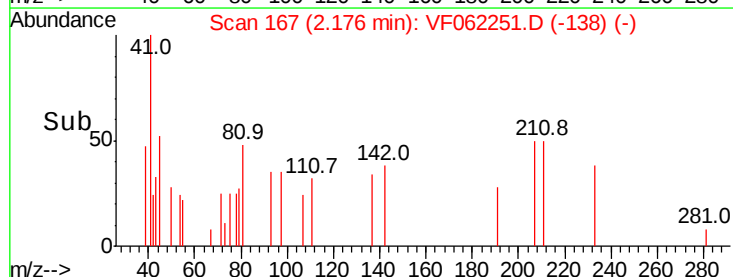
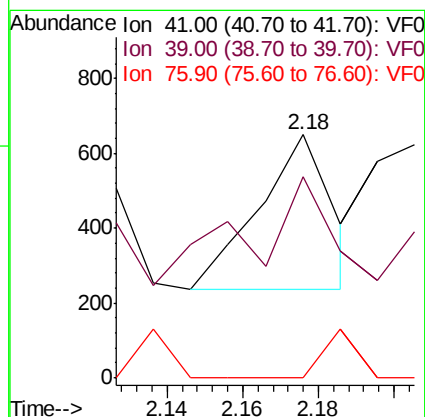
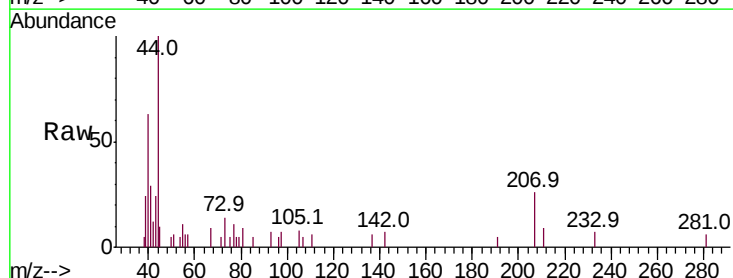
Tgt Ion: 41 Resp: 558

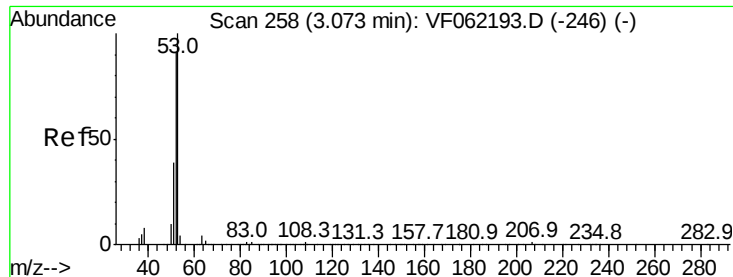
Ion Ratio Lower Upper

41 100

39 127.6 60.0 90.0#

76 13.8 20.6 30.8#





#15

Acrylonitrile

Concen: 46.553 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

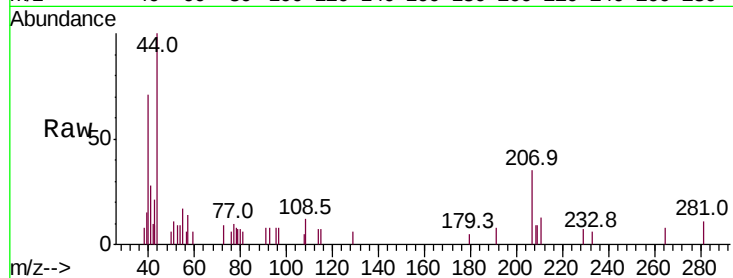
Tot Ion: 53 Resp: 230

Ion Ratio Lower Upper

53 100

52 0.0 69.5 104.3#

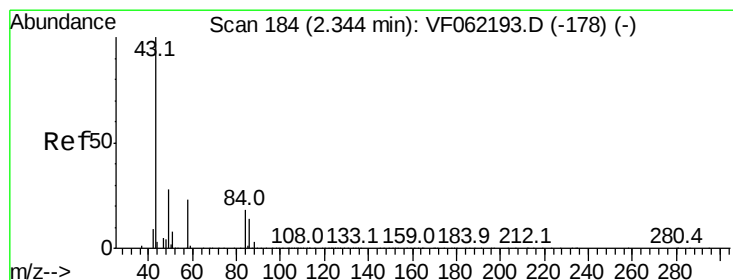
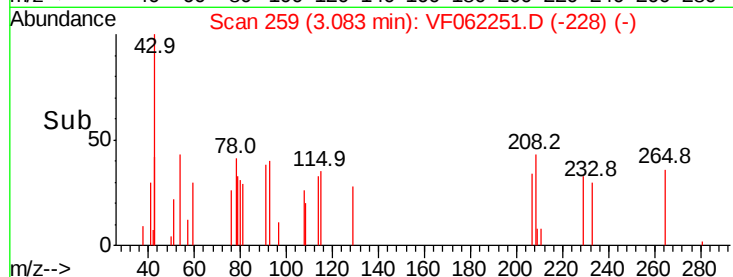
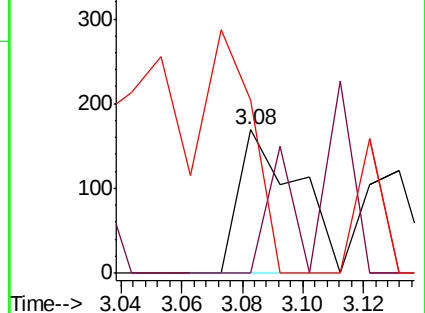
51 0.0 31.8 47.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 173.181 ug/l

RT: 2.38 min Scan# 188

Delta R.T. 0.04 min

Lab File: VF062251.D

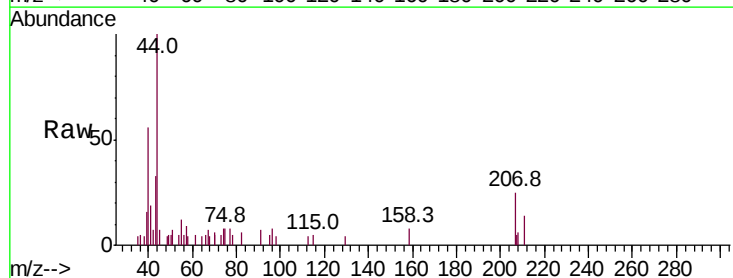
Acq: 22 Apr 2019 18:14

Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

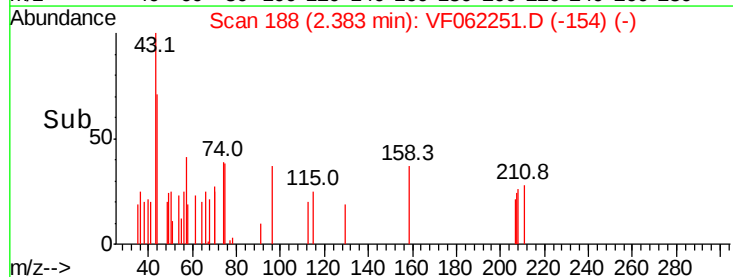
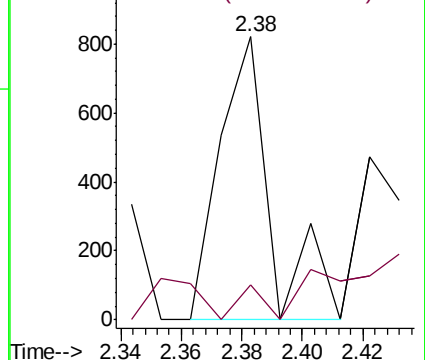
43 100

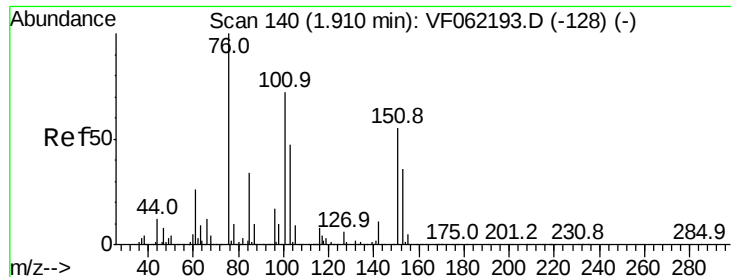
58 0.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

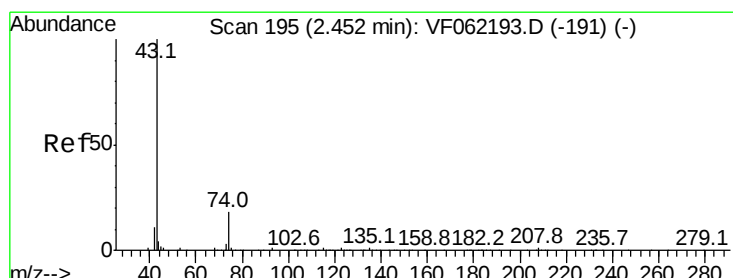
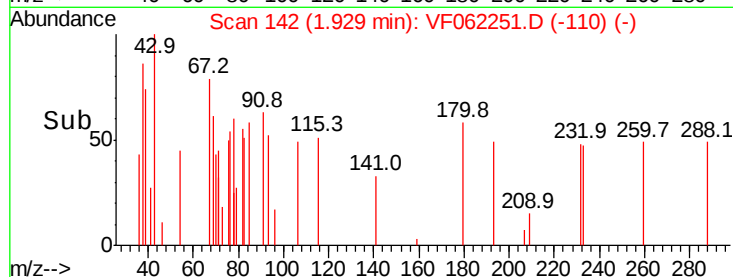
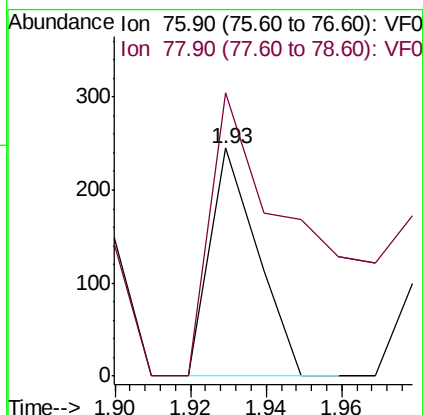
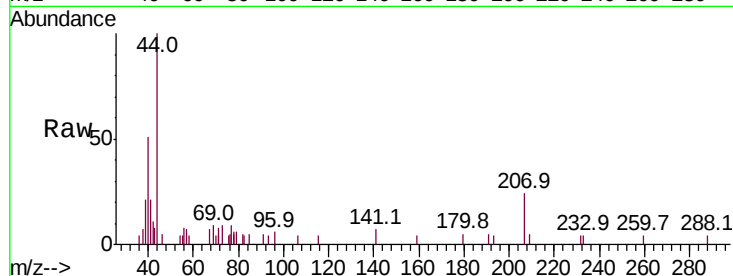




#17
Carbon Disulfide
Concen: 2.691 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.02 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

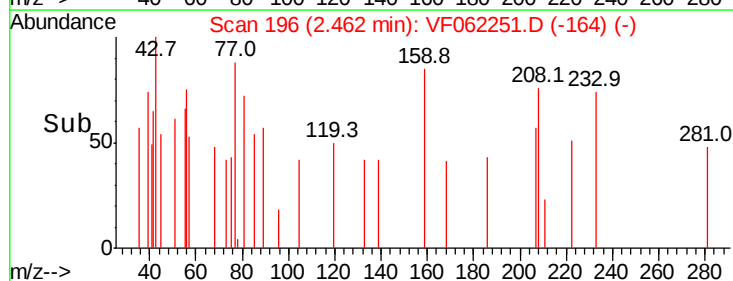
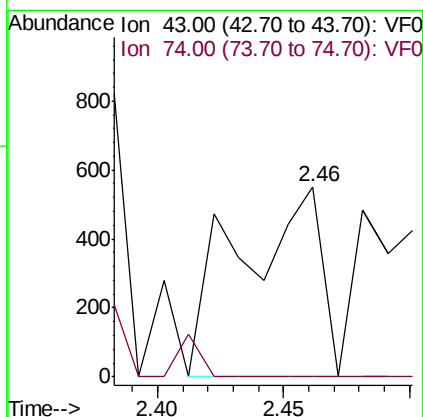
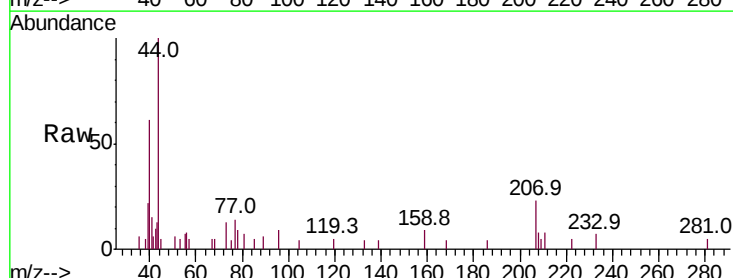
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-007-ABCD

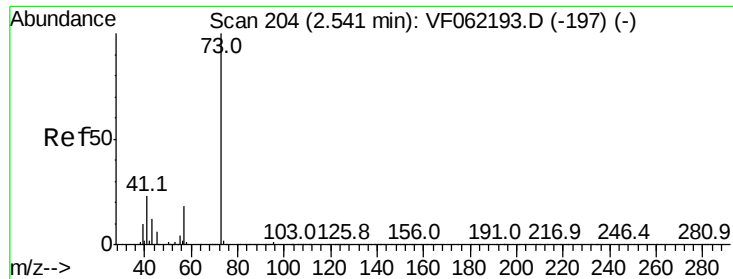
Tot Ion: 76 Resp: 212
Ion Ratio Lower Upper
76 100
78 124.1 8.7 13.1#



#18
Methyl Acetate
Concen: 110.132 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
74 0.0 14.5 21.7#



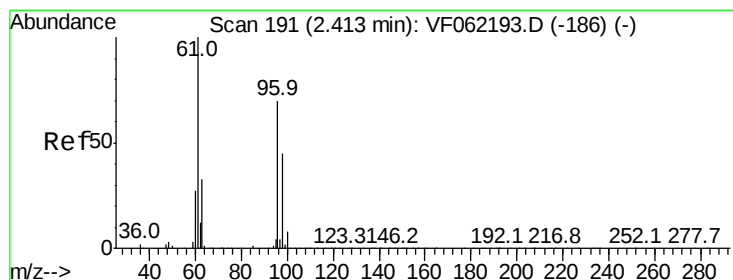
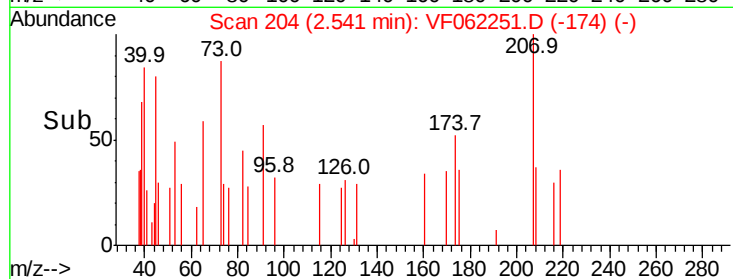
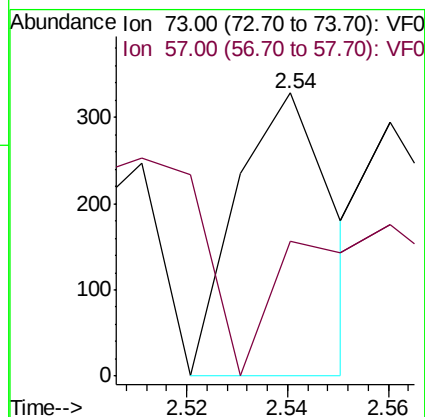
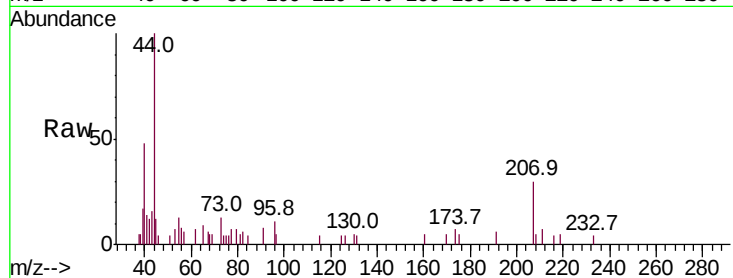


#19

Methvl tert-butvl Ether
 Concen: 8.790 ug/l
 RT: 2.54 min Scan# 204
 Delta R.T. -0.00 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-007-ABCD

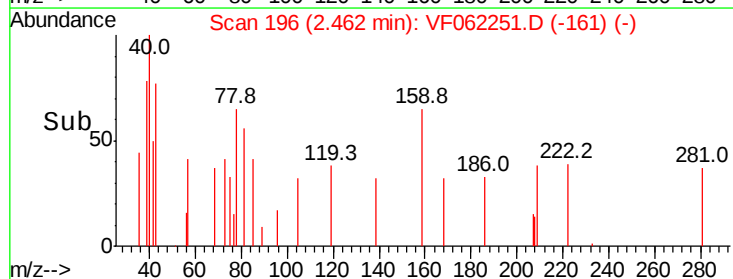
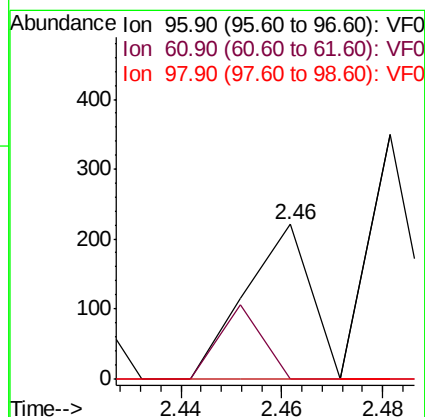
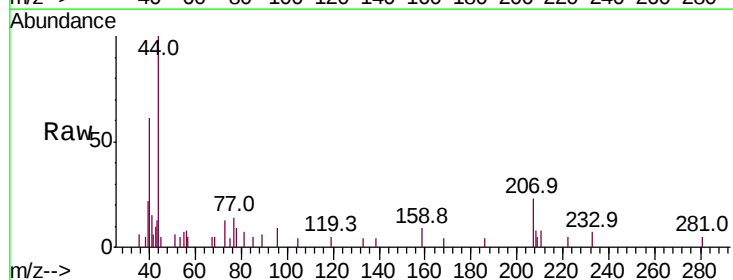
Tot Ion: 73 Resp: 440
 Ion Ratio Lower Upper
 73 100
 57 4.3 15.1 22.7#

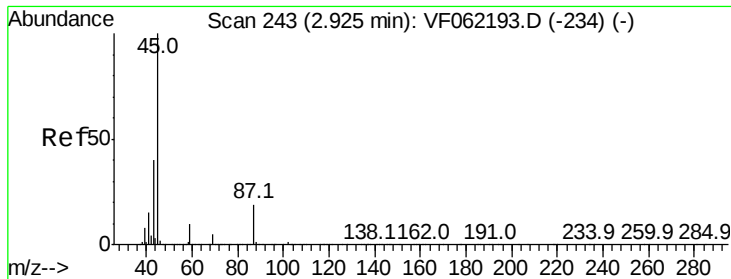


#21

trans-1,2-Dichloroethene
 Concen: 7.098 ug/l
 RT: 2.46 min Scan# 196
 Delta R.T. 0.05 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Tgt Ion: 96 Resp: 199
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.6 172.0#
 98 0.0 51.2 76.8#





#22

Diisopropyl ether

Concen: 4.806 ug/l

RT: 2.95 min Scan# 246

Delta R.T. 0.03 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

Tot Ion: 45 Resp: 400

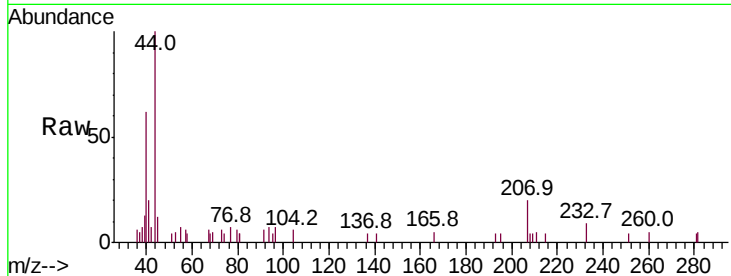
Ion Ratio Lower Upper

45 100

43 0.0 32.8 49.2#

87 0.0 15.2 22.8#

59 0.0 7.8 11.6#

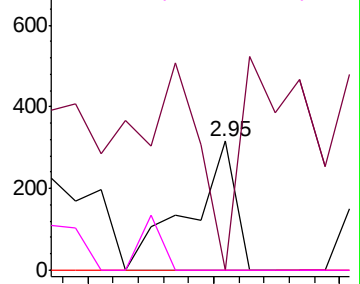


Abundance Ion 45.00 (44.70 to 45.70): VF0

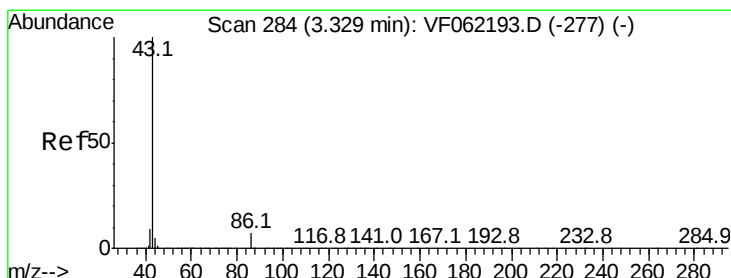
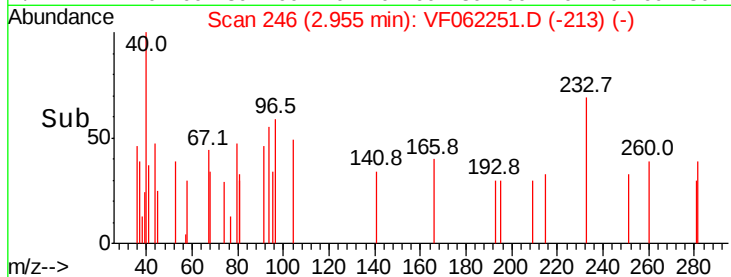
Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



Time-->



#23

Vinyl Acetate

Concen: 25.622 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: VF062251.D

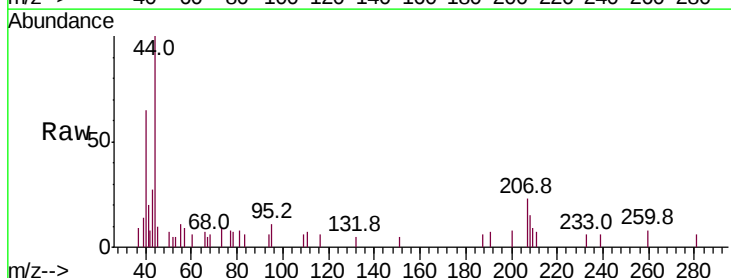
Acq: 22 Apr 2019 18:14

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

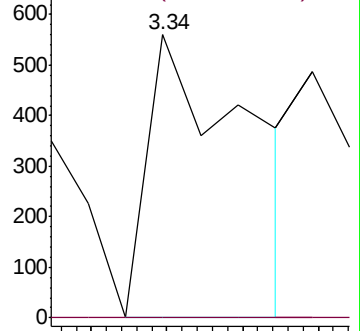
43 100

86 0.0 5.9 8.9#

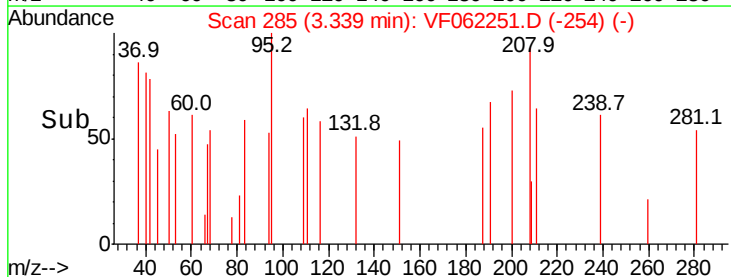


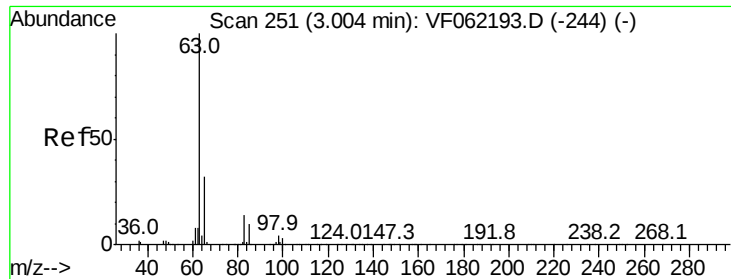
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



Time-->





#24

1,1-Dichloroethane

Concen: 1.318 ug/l

RT: 3.00 min Scan# 251

Delta R.T. -0.00 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

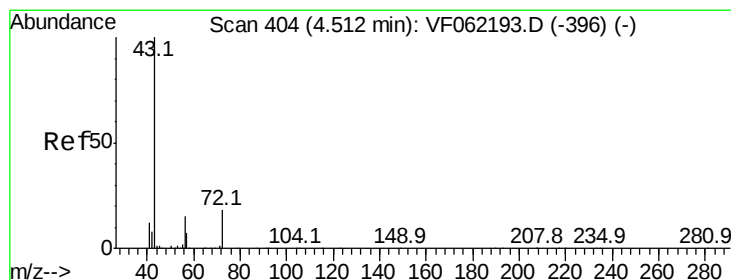
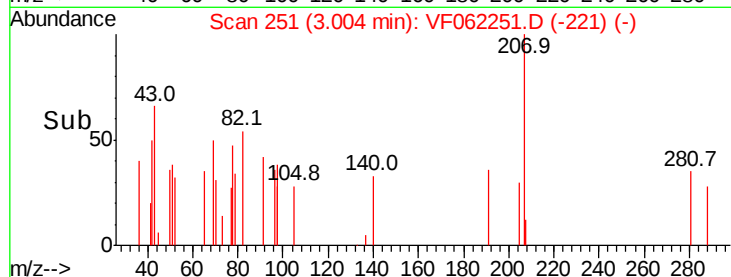
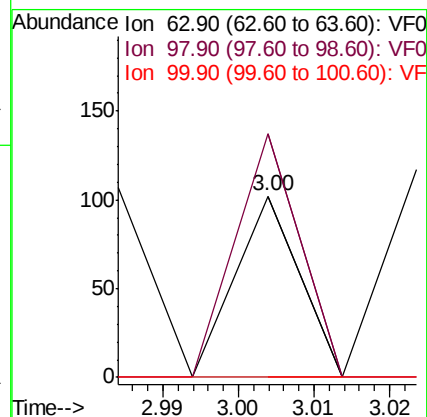
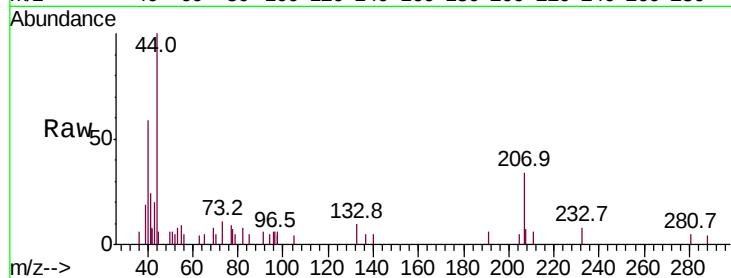
Tot Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

98 134.3 2.3 6.8#

100 0.0 1.7 5.0#



#25

2-Butanone

Concen: 203.345 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.00 min

Lab File: VF062251.D

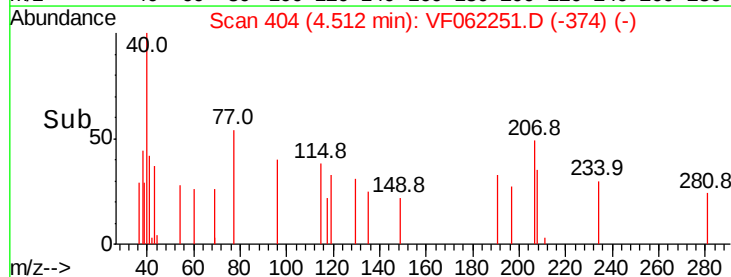
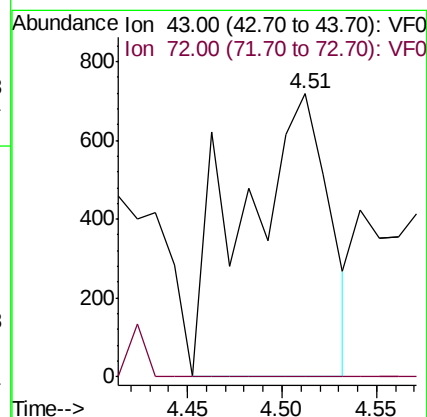
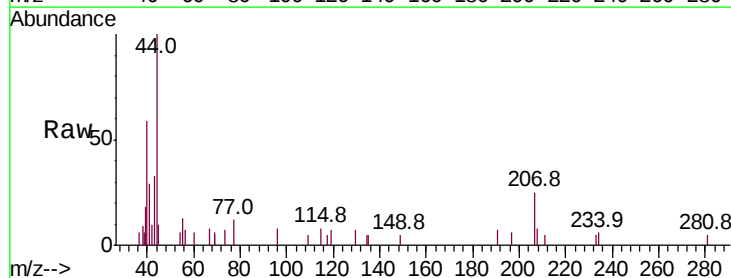
Acq: 22 Apr 2019 18:14

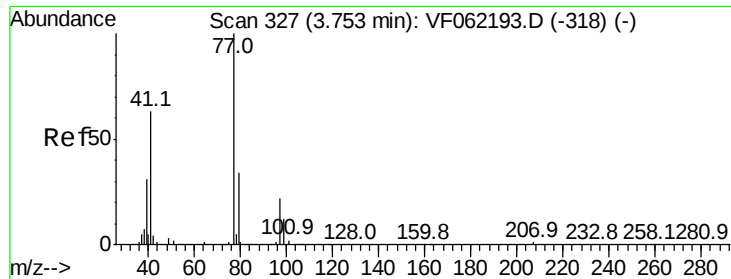
Tgt Ion: 43 Resp: 2268

Ion Ratio Lower Upper

43 100

72 0.0 16.1 24.1#





#26

2,2-Dichloropropane

Concen: 11.050 ug/l

RT: 3.57 min Scan# 308

Delta R.T. -0.19 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

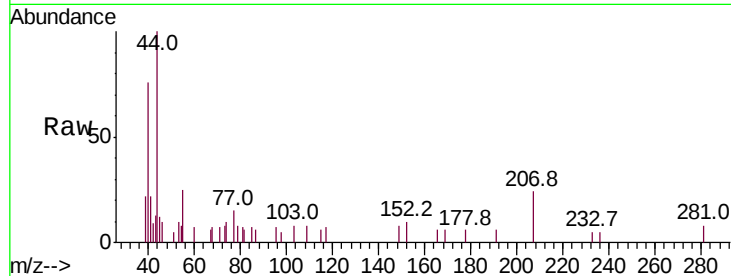
FK-SF-01-007-ABCD

Tot Ion: 77 Resp: 254

Ion Ratio Lower Upper

77 100

97 29.9 11.1 33.3



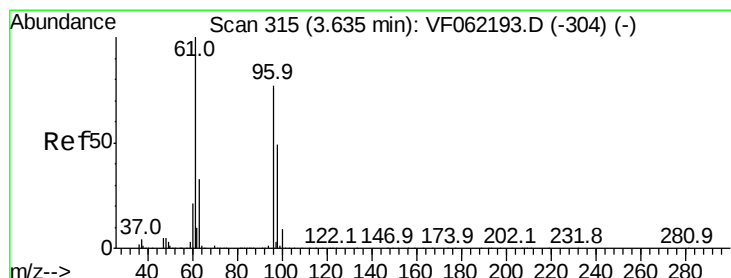
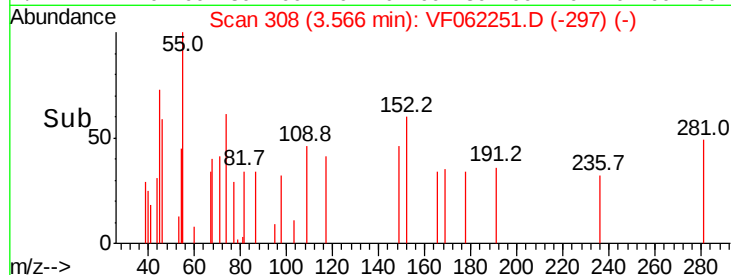
Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

3.57

3.54 3.56 3.58 3.60

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.685 ug/l

RT: 3.67 min Scan# 319

Delta R.T. 0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

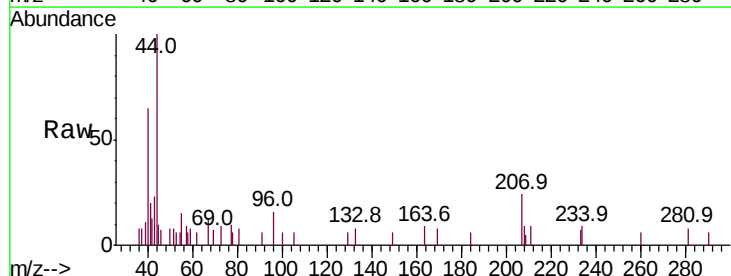
Tgt Ion: 96 Resp: 279

Ion Ratio Lower Upper

96 100

61 0.0 0.0 253.6

98 0.0 0.0 124.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

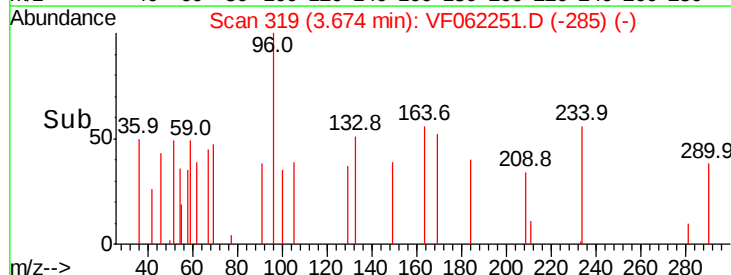
Ion 60.90 (60.60 to 61.60): VF0

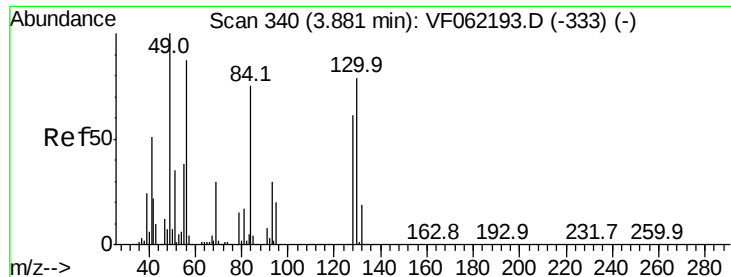
Ion 97.90 (97.60 to 98.60): VF0

3.67

3.66 3.68 3.70

Time-->





#28

Bromochloromethane

Concen: 2.705 ug/l

RT: 3.93 min Scan# 345

Delta R.T. 0.05 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

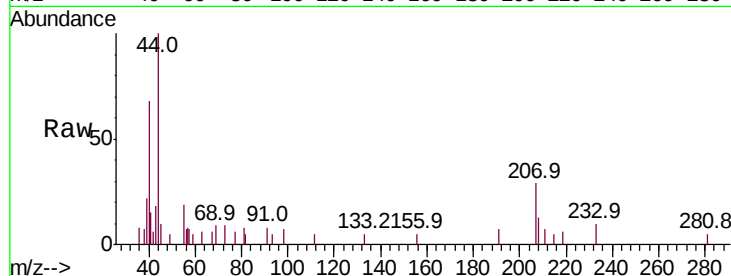
Tot Ion: 49 Resp: 59

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

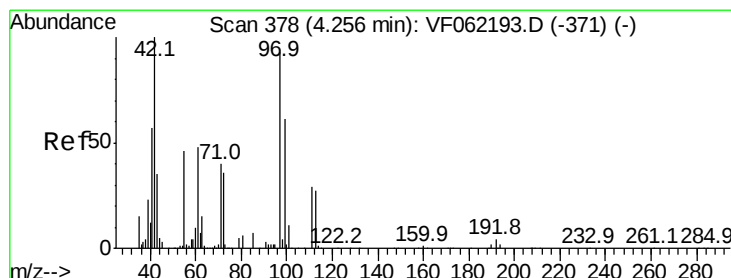
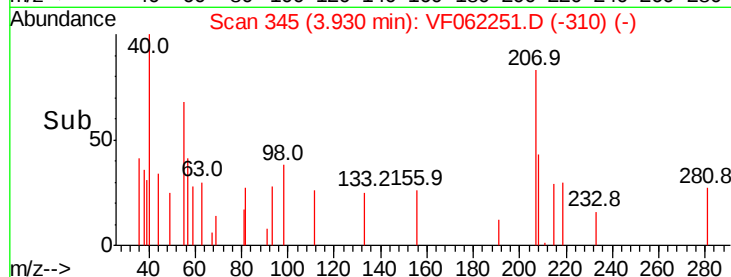
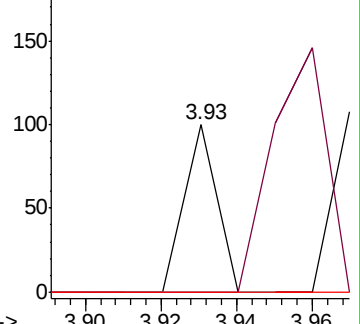
130 0.0 66.6 100.0#



Abundance Ion 48.90 (48.60 to 49.60): VF0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 65.169 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

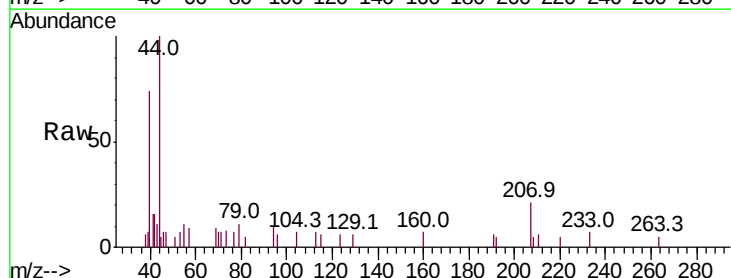
Tgt Ion: 42 Resp: 329

Ion Ratio Lower Upper

42 100

72 0.0 28.6 43.0#

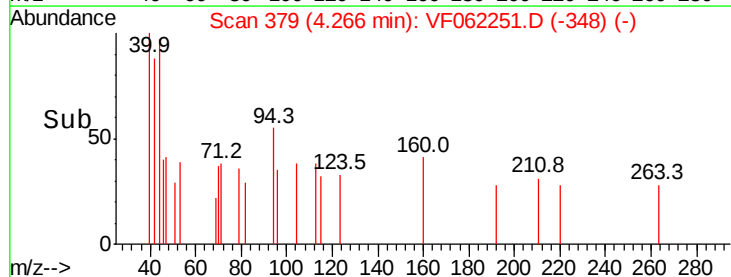
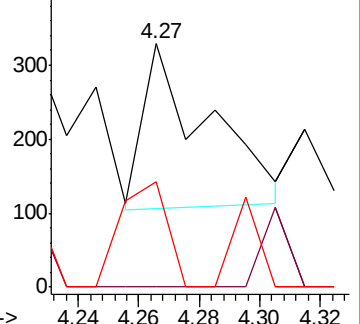
71 46.5 29.2 43.8#

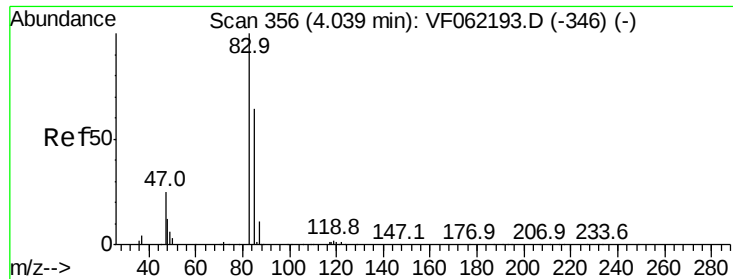


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

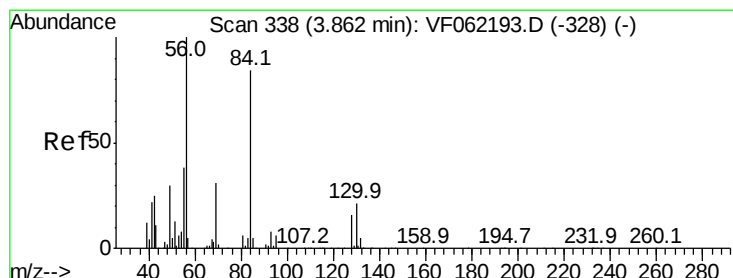
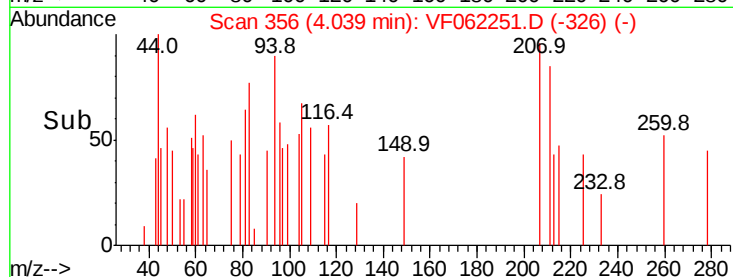
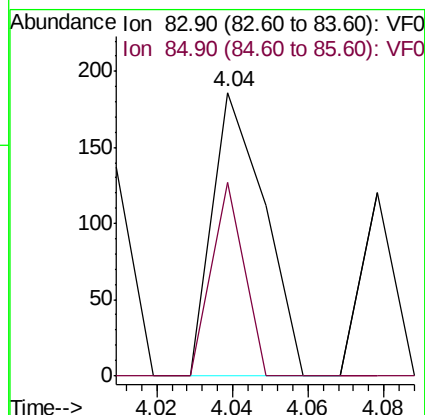
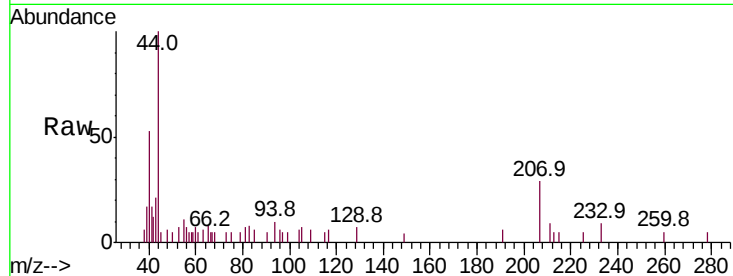




#30
Chloroform
Concen: 3.146 ug/l
RT: 4.04 min Scan# 356
Delta R.T. -0.00 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

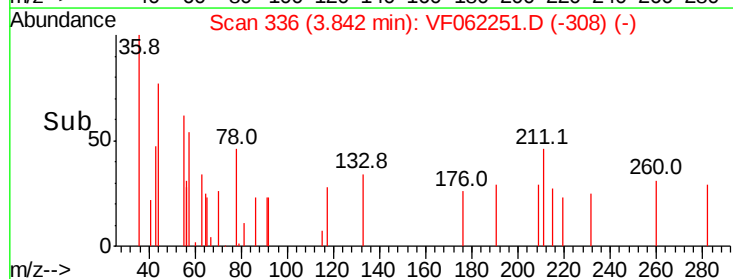
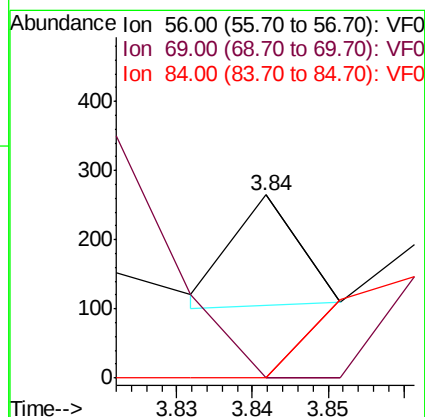
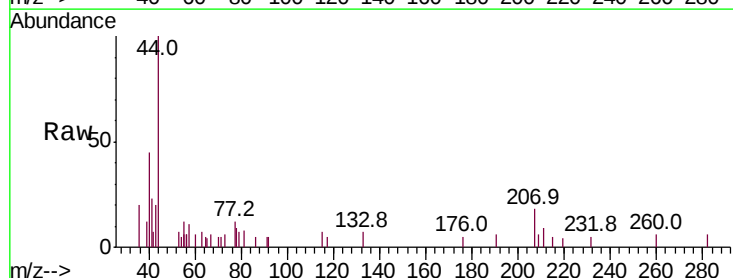
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-007-ABCD

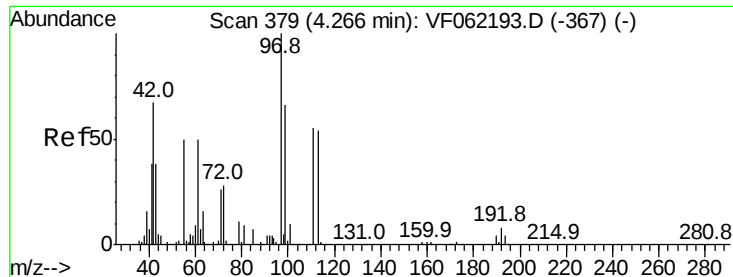
Tot Ion: 83 Resp: 176
Ion Ratio Lower Upper
83 100
85 68.3 51.8 77.8



#31
Cyclohexane
Concen: 1.796 ug/l
RT: 3.84 min Scan# 336
Delta R.T. -0.02 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
69 0.0 25.1 37.7#
84 0.0 67.8 101.6#





#32

1,1,1-Trichloroethane

Concen: 5.030 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.06 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

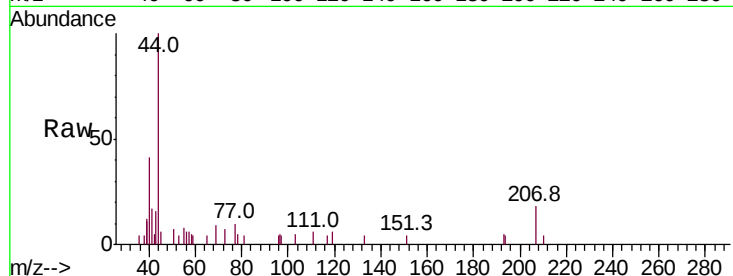
Tot Ion: 97 Resp: 206

Ion Ratio Lower Upper

97 100

99 0.0 52.7 79.1#

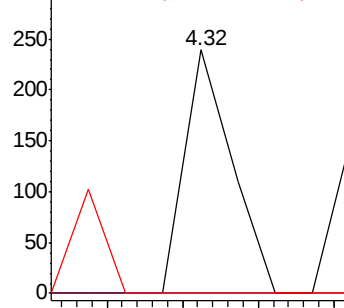
61 0.0 53.0 79.4#



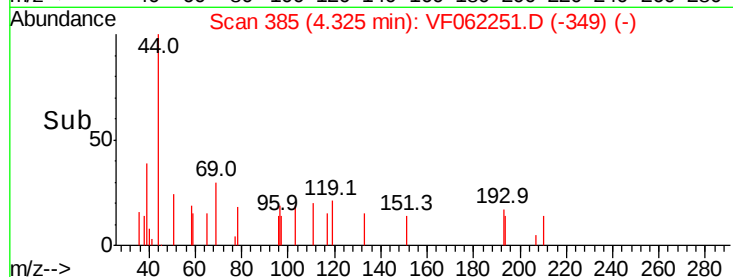
Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 8.270 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.05 min

Lab File: VF062251.D

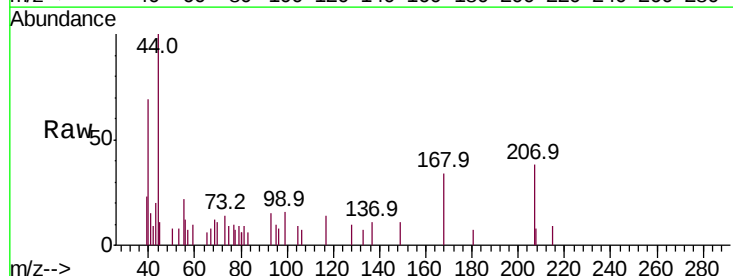
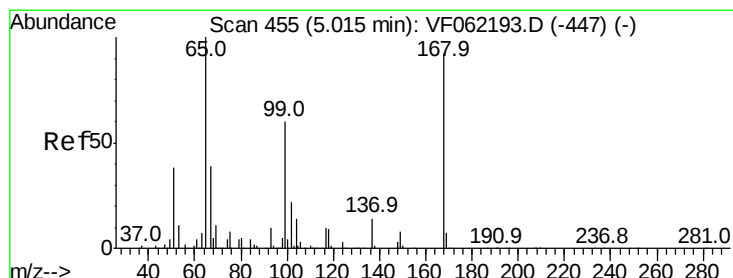
Acq: 22 Apr 2019 18:14

Tgt Ion: 65 Resp: 193

Ion Ratio Lower Upper

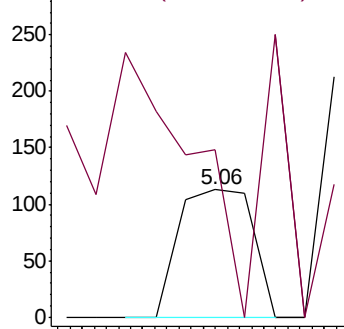
65 100

67 76.7 0.0 109.4

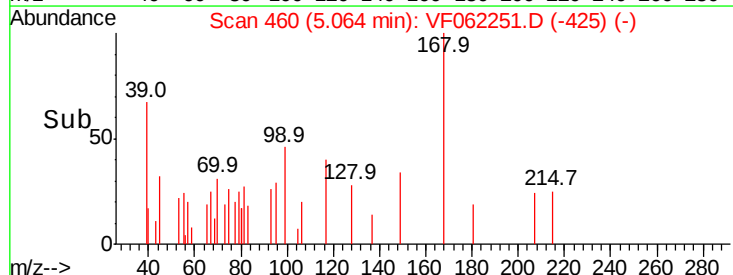


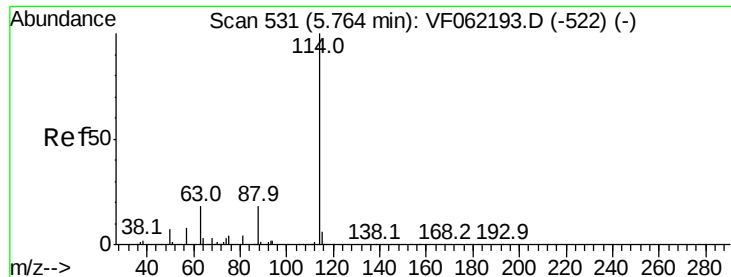
Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

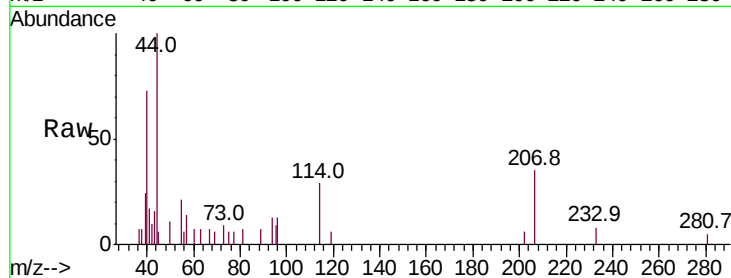
Tot Ion:114 Resp: 1400

Ion Ratio Lower Upper

114 100

63 23.7 0.0 36.6

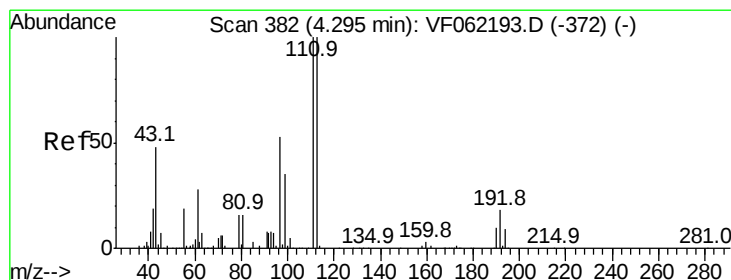
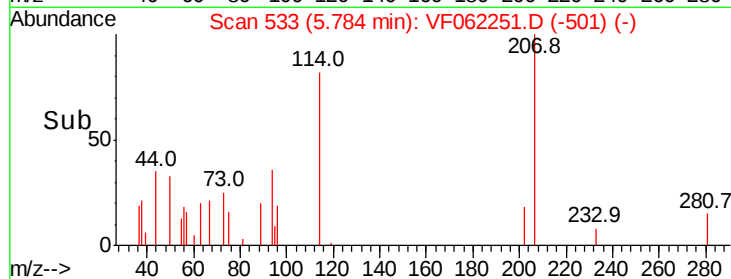
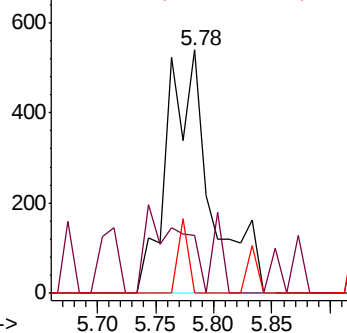
88 0.0 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 12.004 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

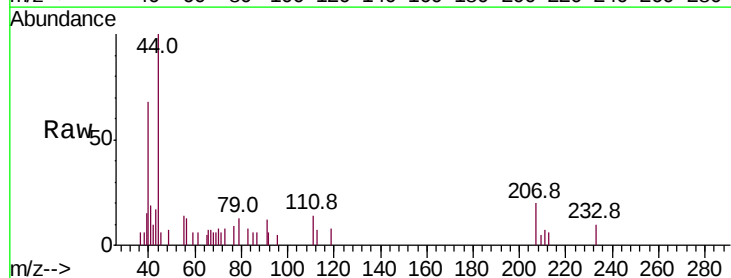
Tgt Ion:113 Resp: 147

Ion Ratio Lower Upper

113 100

111 257.1 81.1 121.7#

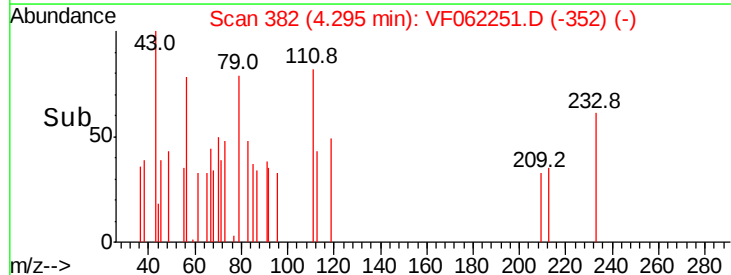
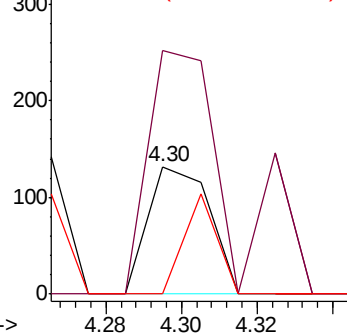
192 41.5 14.7 22.1#

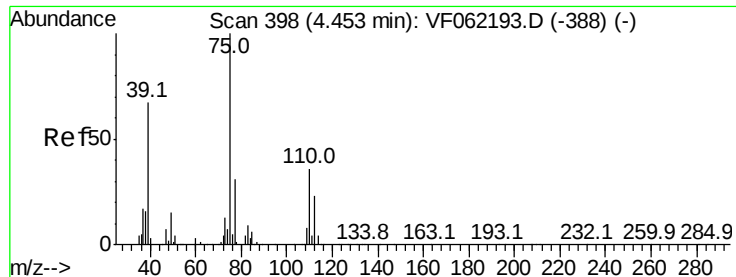


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.813 ug/l

RT: 4.43 min Scan# 396

Delta R.T. -0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

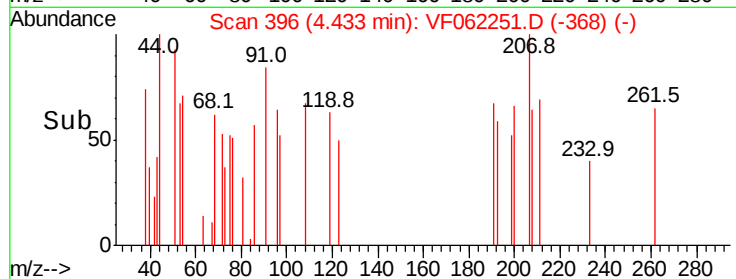
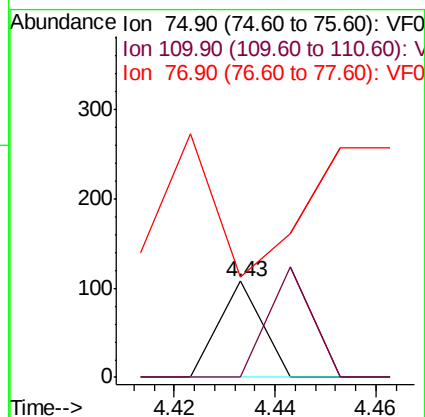
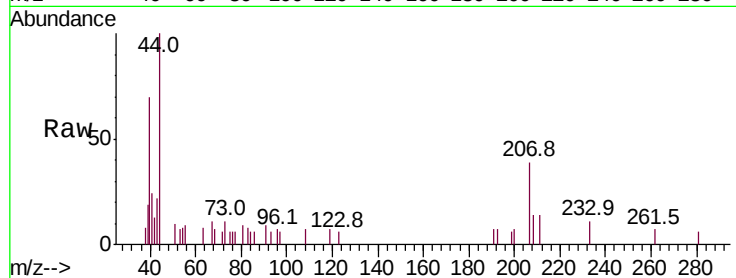
Tot Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

110 114.1 18.4 55.2#

77 740.6 25.4 38.2#



#37

Ethyl Acetate

Concen: 238.239 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.03 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

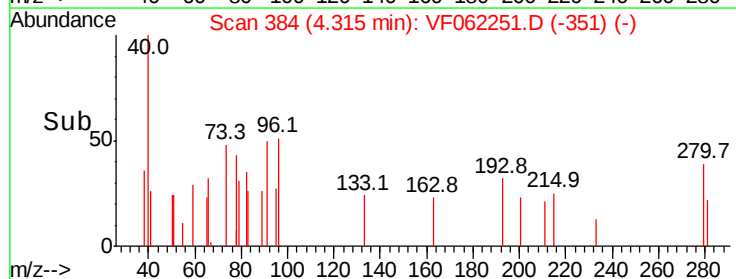
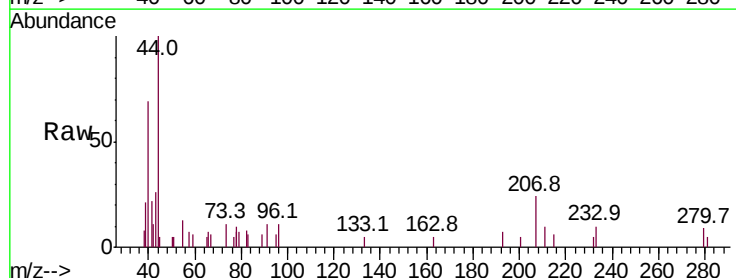
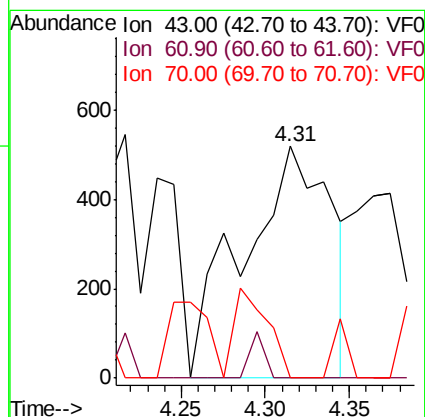
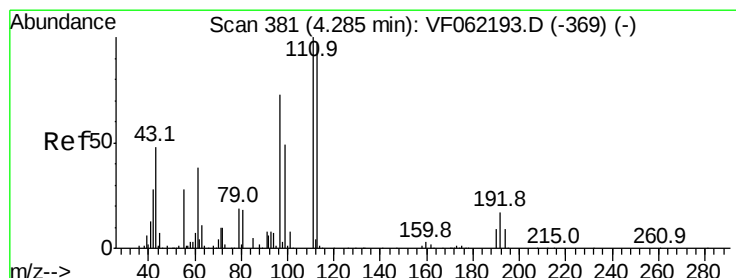
Tgt Ion: 43 Resp: 1887

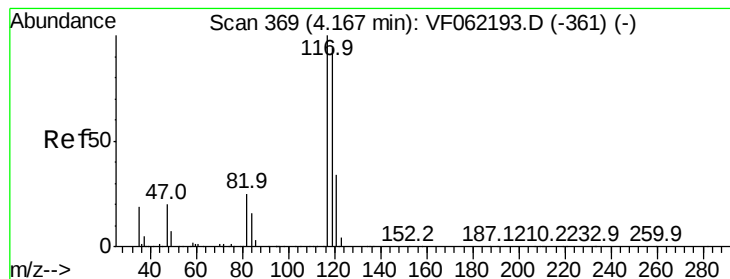
Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 4.913 ug/l

RT: 4.19 min Scan# 371

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

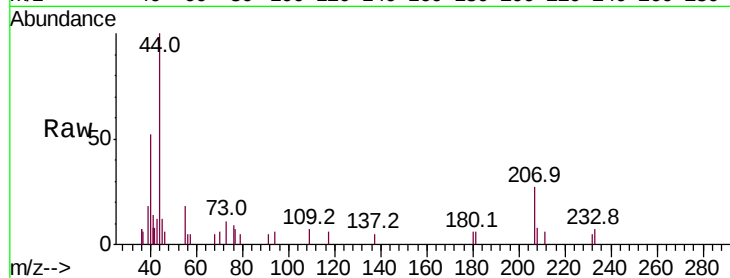
Tot Ion:117 Resp: 73

Ion Ratio Lower Upper

117 100

119 0.0 75.0 112.4#

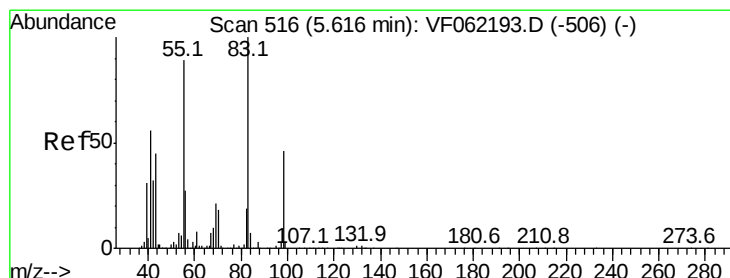
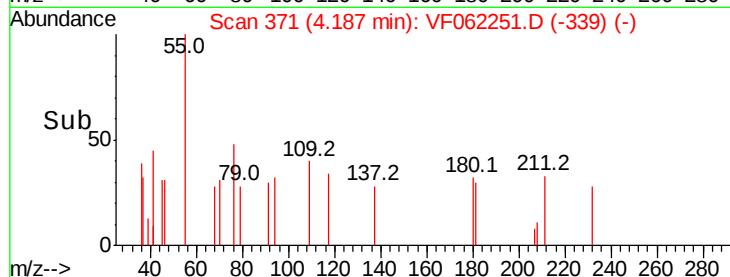
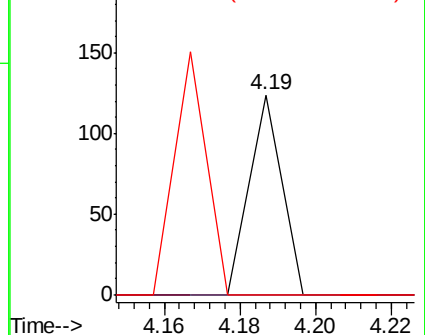
121 0.0 26.9 40.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 11.544 ug/l

RT: 5.66 min Scan# 520

Delta R.T. 0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

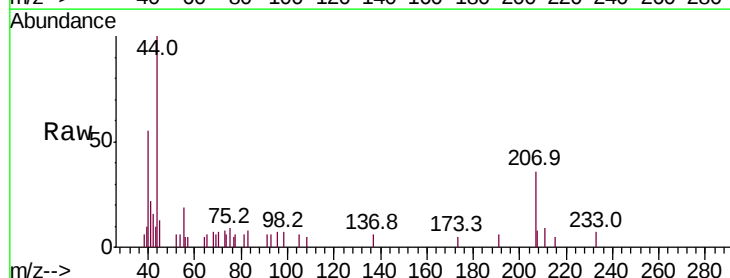
Tgt Ion: 83 Resp: 232

Ion Ratio Lower Upper

83 100

55 201.2 71.0 106.6#

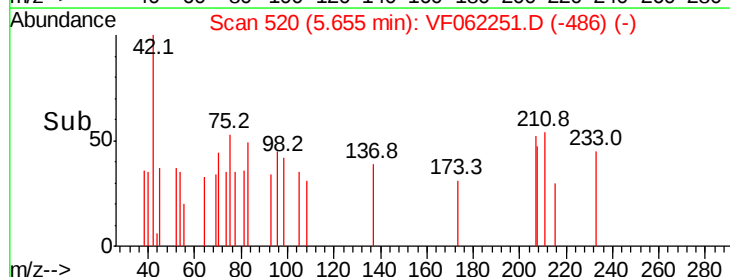
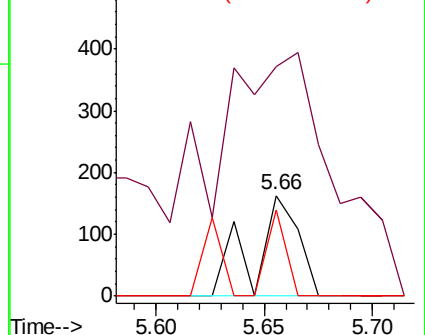
98 85.3 36.7 55.1#

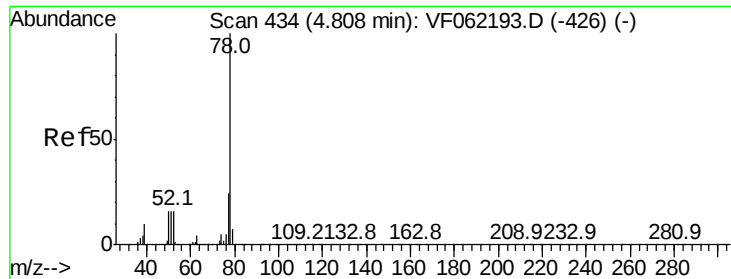


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 13.265 ug/l

RT: 4.83 min Scan# 436

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

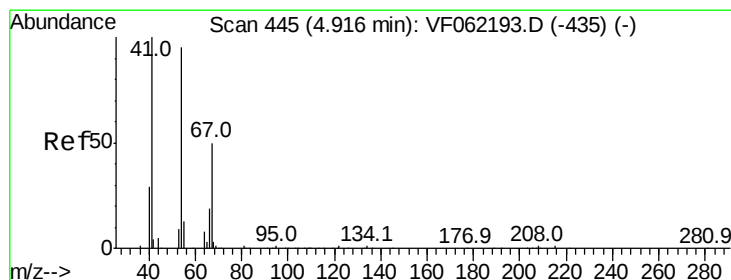
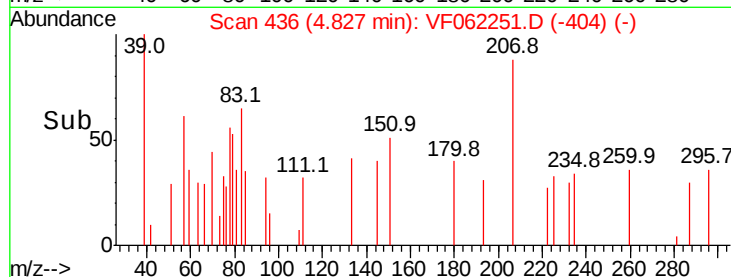
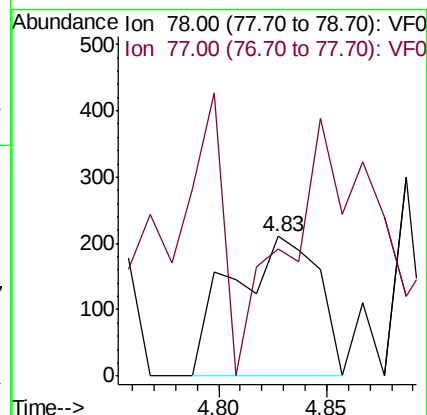
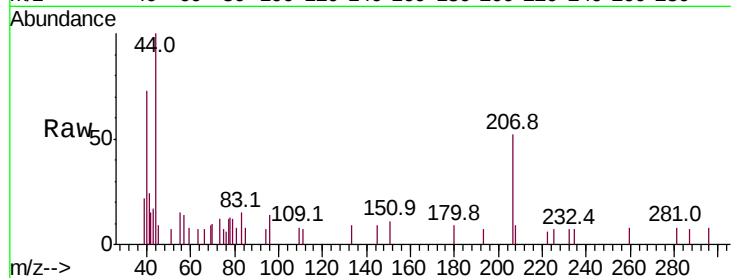
FK-SF-01-007-ABCD

Tot Ion: 78 Resp: 584

Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#



#41

Methacrylonitrile

Concen: 158.684 ug/l

RT: 4.90 min Scan# 443

Delta R.T. -0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Tgt Ion: 41 Resp: 725

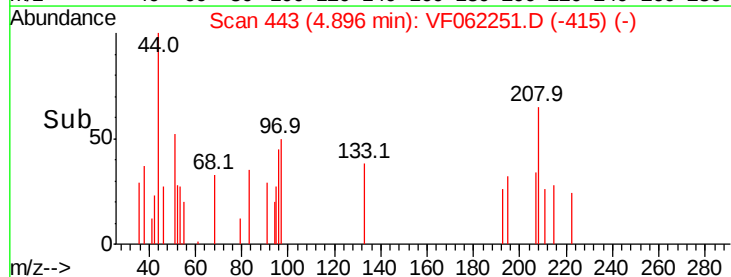
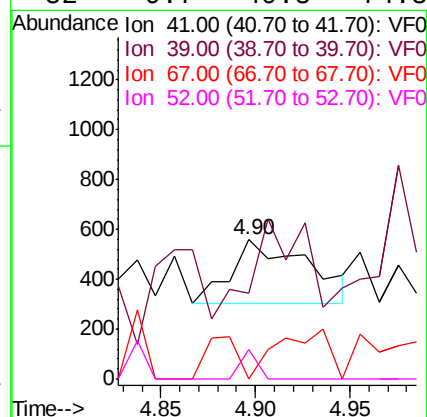
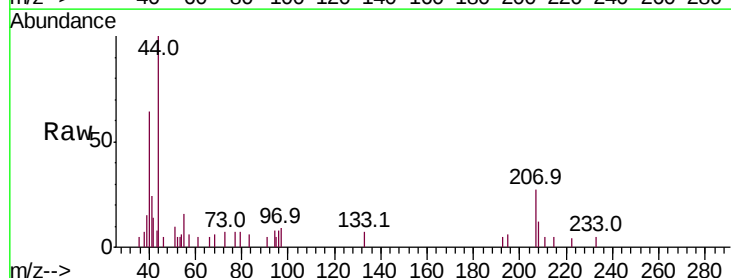
Ion Ratio Lower Upper

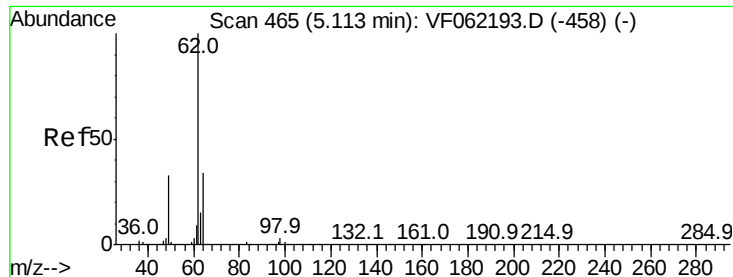
41 100

39 111.7 44.7 67.1#

67 27.3 39.1 58.7#

52 9.7 49.8 74.8#





#42

1,2-Dichloroethane

Concen: 6.014 ug/l

RT: 5.19 min Scan# 473

Delta R.T. 0.08 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

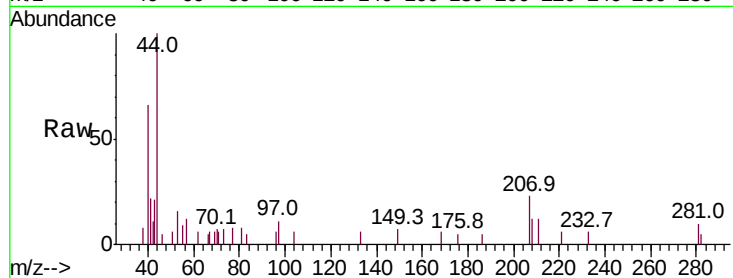
FK-SF-01-007-ABCD

Tot Ion: 62 Resp: 70

Ion Ratio Lower Upper

62 100

98 114.3 0.0 19.0#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

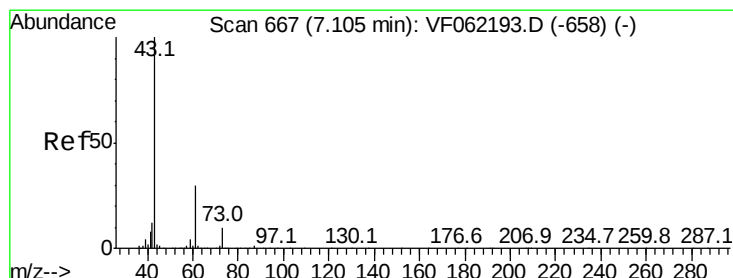
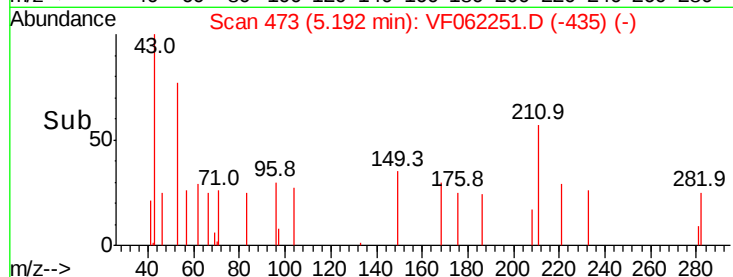
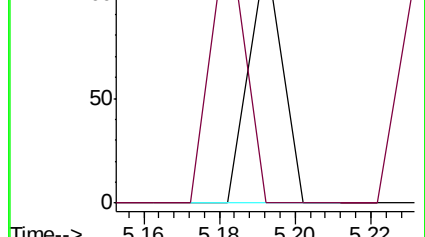
150

100

50

0

5.16 5.18 5.20 5.22



#43

Isopropyl Acetate

Concen: 225.915 ug/l

RT: 7.12 min Scan# 669

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

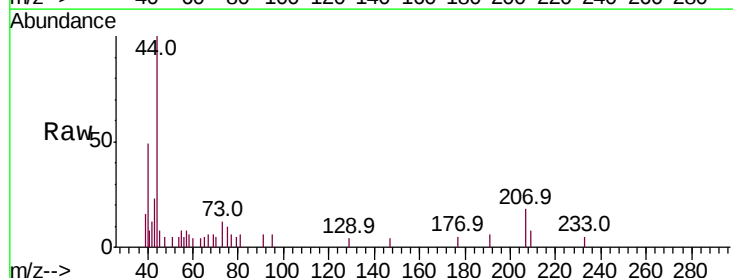
Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

61 0.0 24.4 36.6#

87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

800

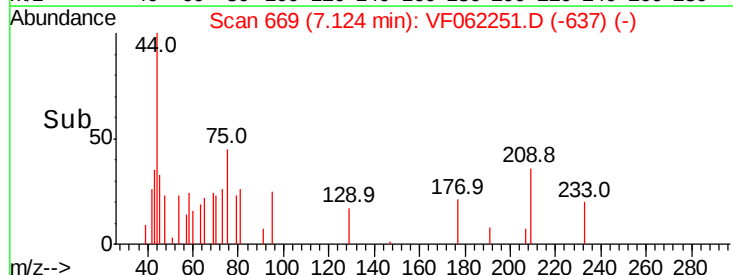
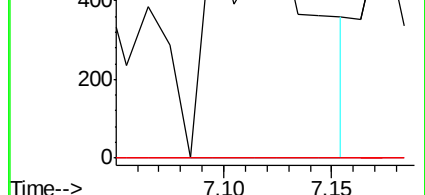
600

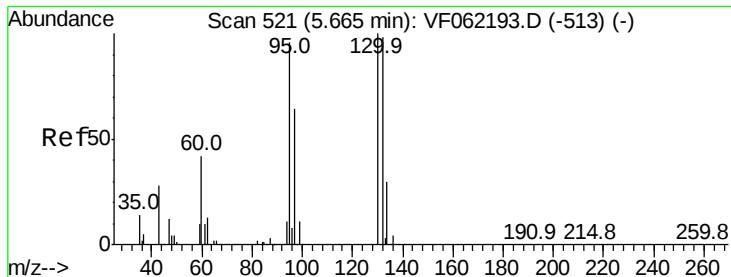
400

200

0

7.10 7.12 7.15





#44

Trichloroethene

Concen: 5.548 ug/l

RT: 5.68 min Scan# 523

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

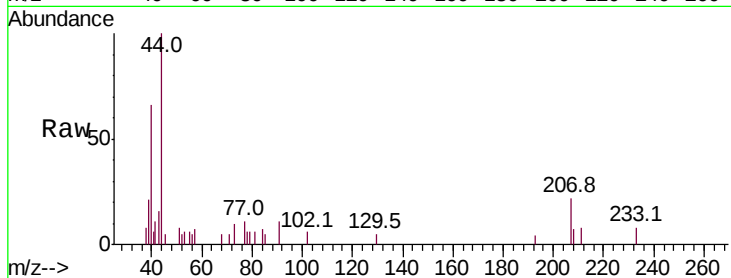
FK-SF-01-007-ABCD

Tot Ion:130 Resp: 66

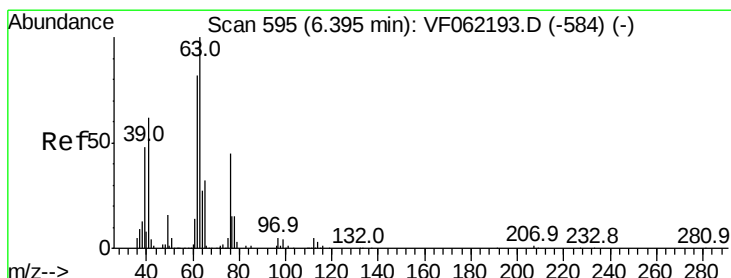
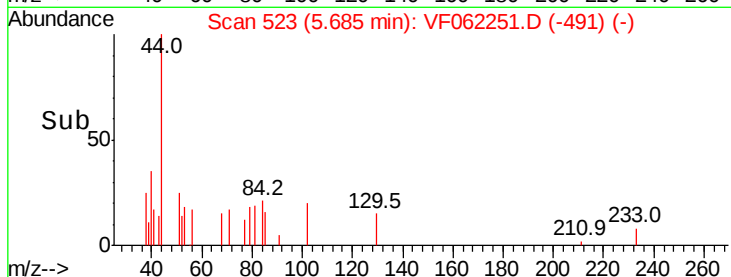
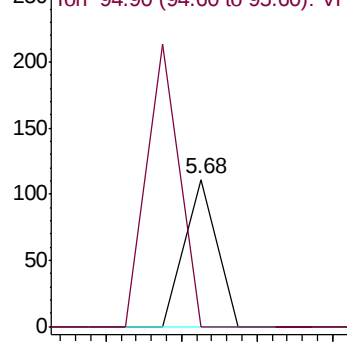
Ion Ratio Lower Upper

130 100

95 0.0 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VF0



#45

1,2-Dichloropropane

Concen: 6.806 ug/l

RT: 6.40 min Scan# 596

Delta R.T. 0.01 min

Lab File: VF062251.D

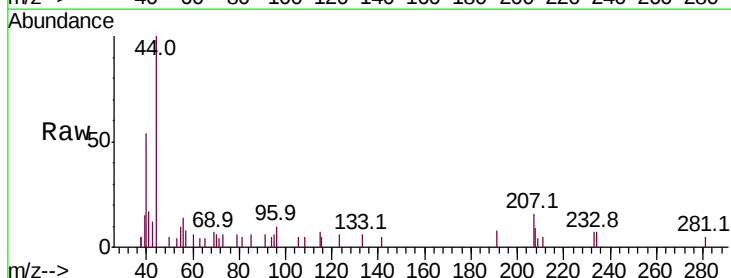
Acq: 22 Apr 2019 18:14

Tgt Ion: 63 Resp: 66

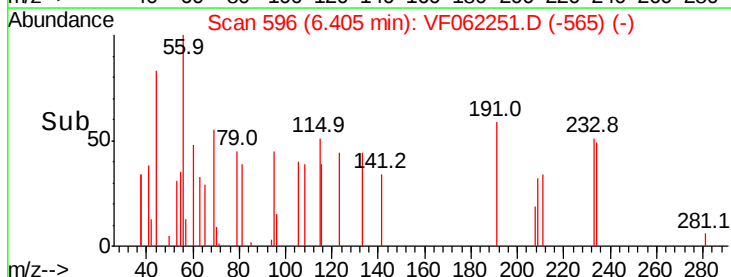
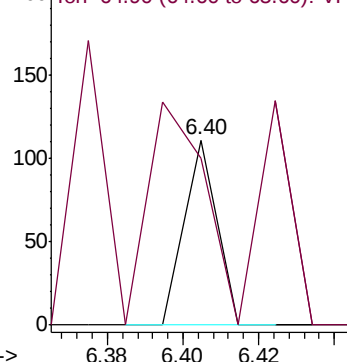
Ion Ratio Lower Upper

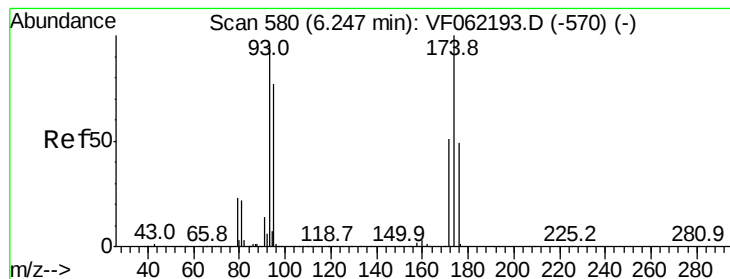
63 100

65 90.1 25.9 38.9#



Abundance Ion 62.90 (62.60 to 63.60): VF0





#46

Dibromomethane

Concen: 21.543 ug/l

RT: 6.39 min Scan# 595

Delta R.T. 0.15 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

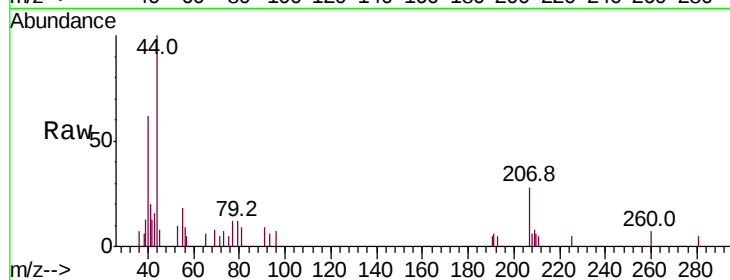
Tot Ion: 93 Resp: 139

Ion Ratio Lower Upper

93 100

95 0.0 65.1 97.7#

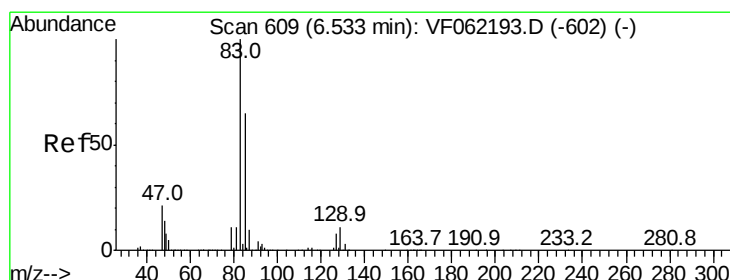
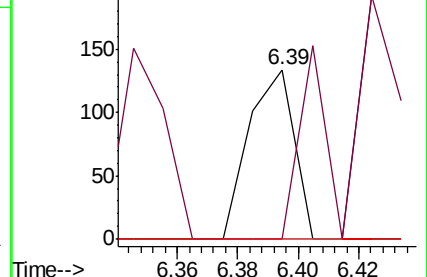
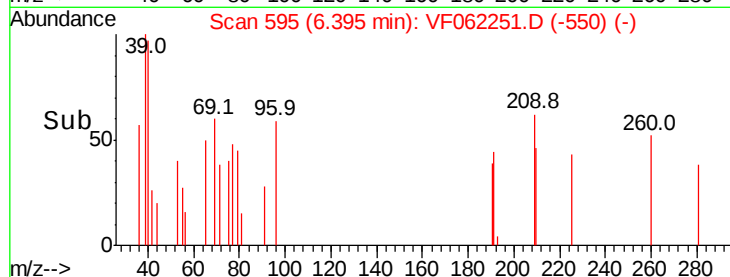
174 0.0 81.8 122.6#



Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 12.019 ug/l

RT: 6.59 min Scan# 615

Delta R.T. 0.06 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

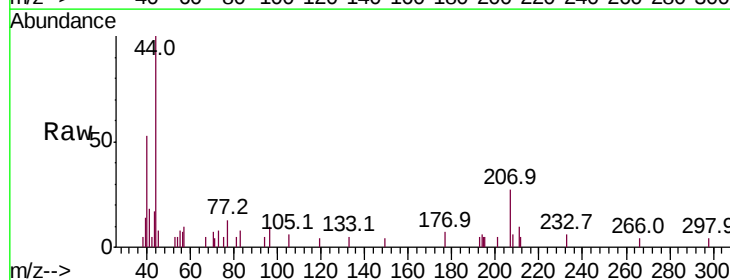
Tgt Ion: 83 Resp: 175

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

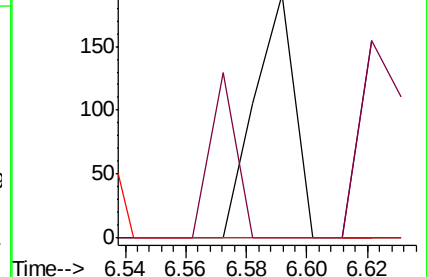
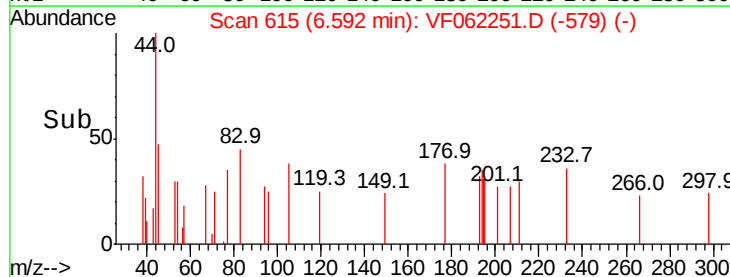
127 0.0 6.7 10.1#

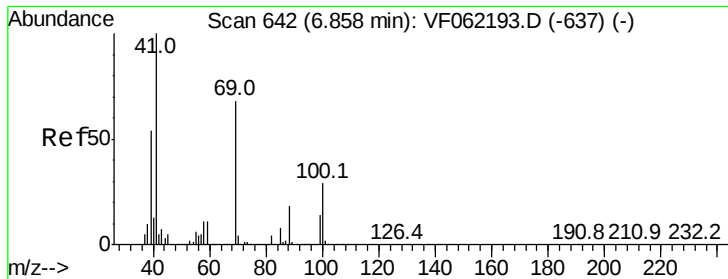


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 91.877 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

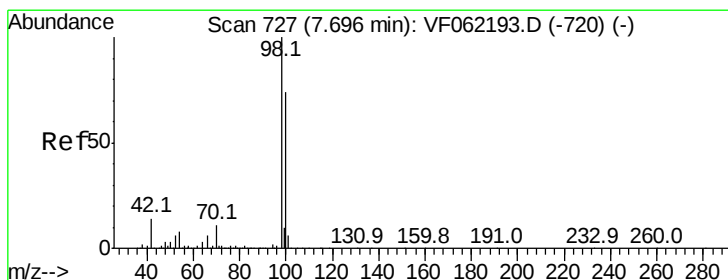
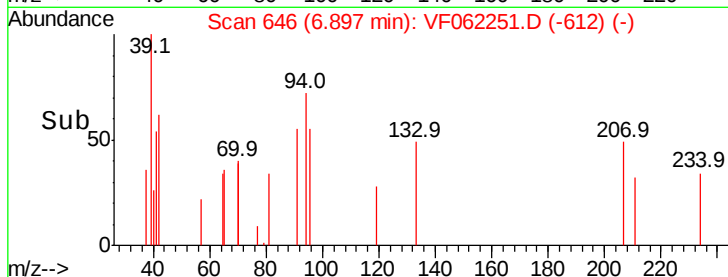
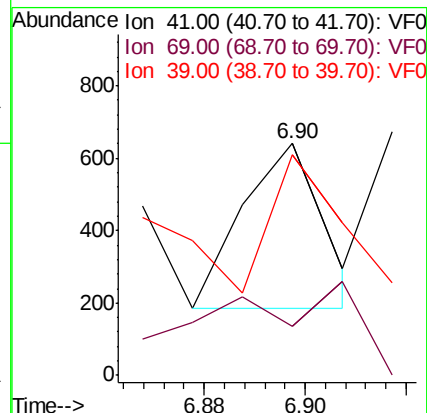
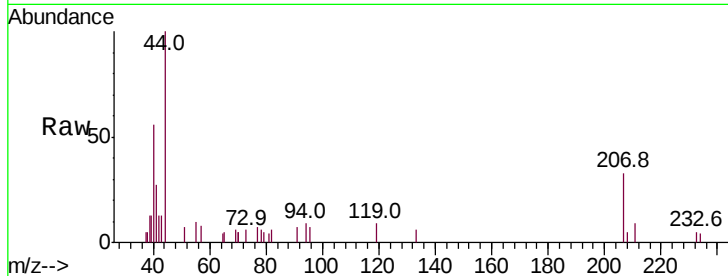
Tot Ion: 41 Resp: 503

Ion Ratio Lower Upper

41 100

69 37.8 54.9 82.3#

39 157.7 43.6 65.4#



#50

Toluene-d8

Concen: 25.097 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062251.D

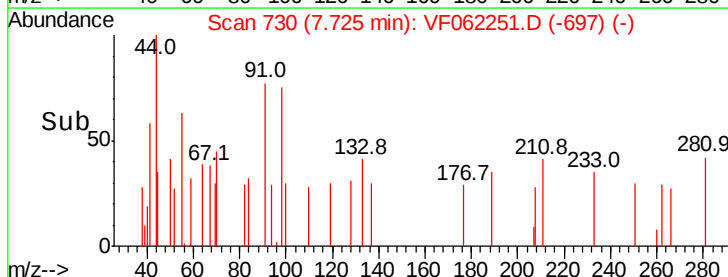
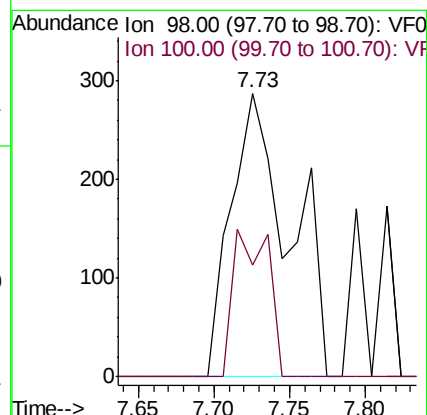
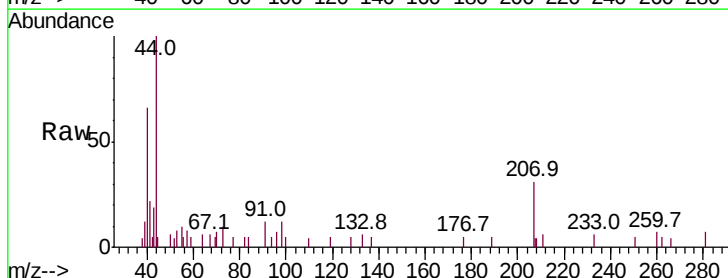
Acq: 22 Apr 2019 18:14

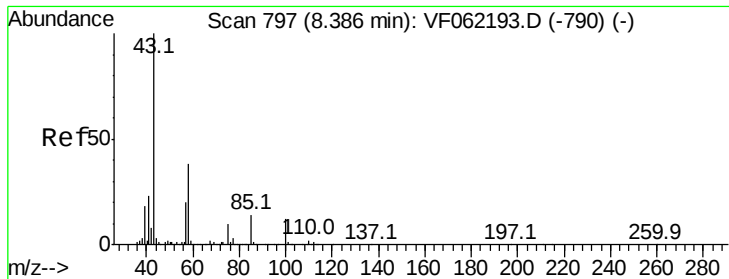
Tgt Ion: 98 Resp: 778

Ion Ratio Lower Upper

98 100

100 30.8 56.2 84.2#





#51

4-Methyl-2-Pentanone

Concen: 100.385 ug/l

RT: 8.45 min Scan# 803

Delta R.T. 0.06 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

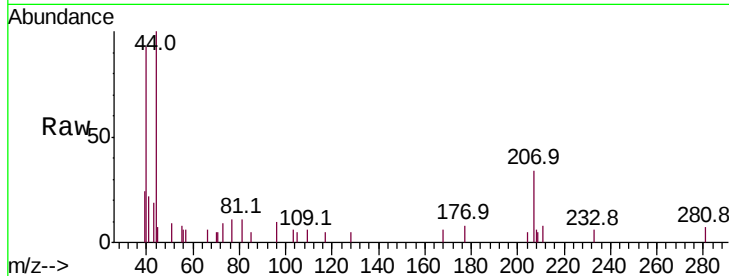
FK-SF-01-007-ABCD

Tot Ion: 43 Resp: 622

Ion Ratio Lower Upper

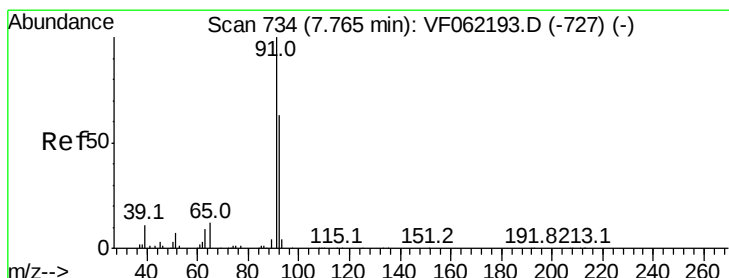
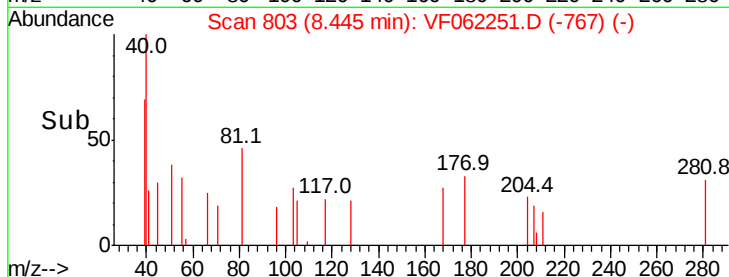
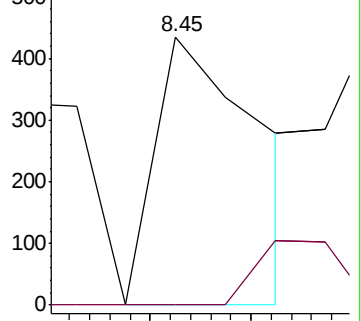
43 100

58 19.6 29.3 43.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 11.634 ug/l

RT: 7.77 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF062251.D

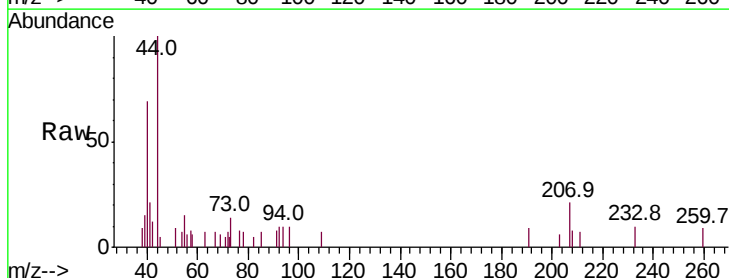
Acq: 22 Apr 2019 18:14

Tgt Ion: 92 Resp: 270

Ion Ratio Lower Upper

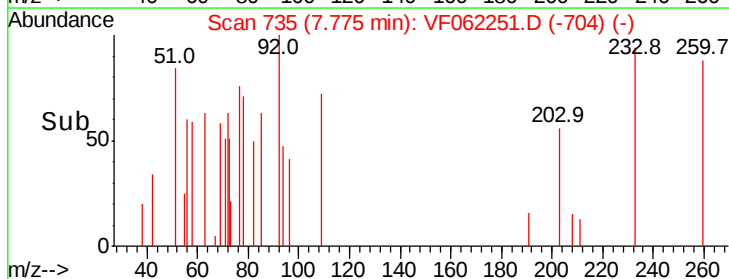
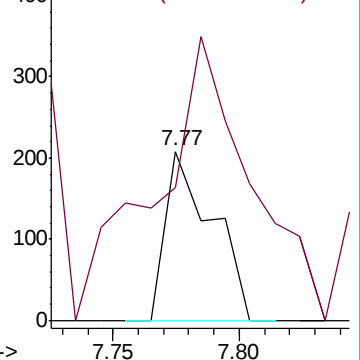
92 100

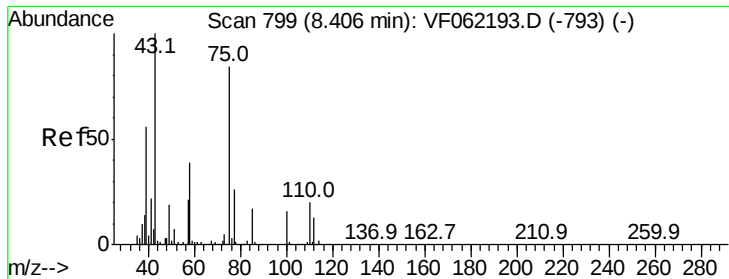
91 313.7 130.1 195.1#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

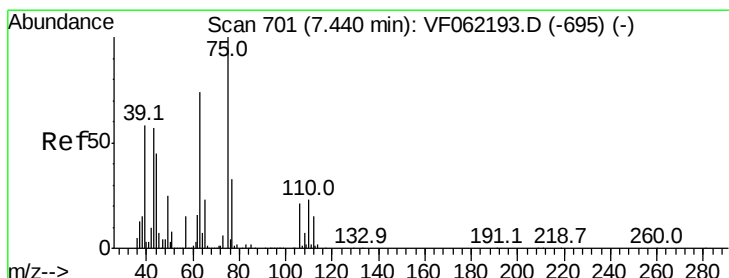
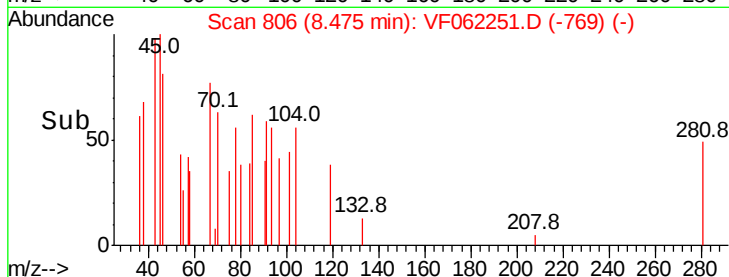
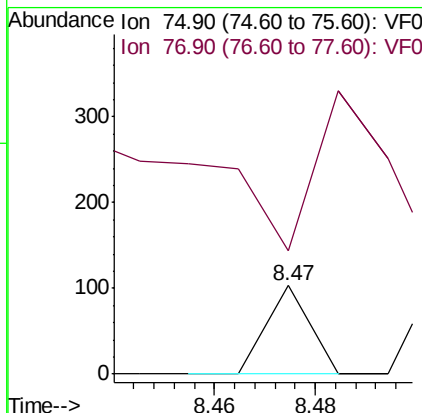
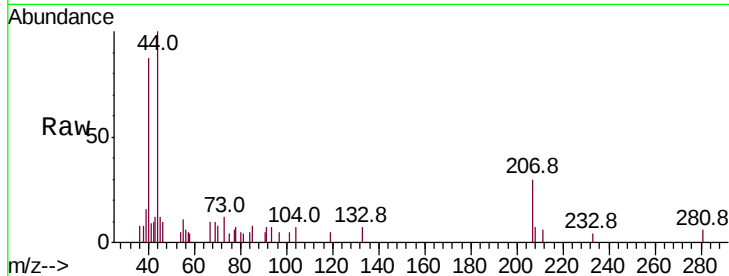




#53
 t-1,3-Dichloropropene
 Concen: 5.578 ug/l
 RT: 8.47 min Scan# 806
 Delta R.T. 0.07 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

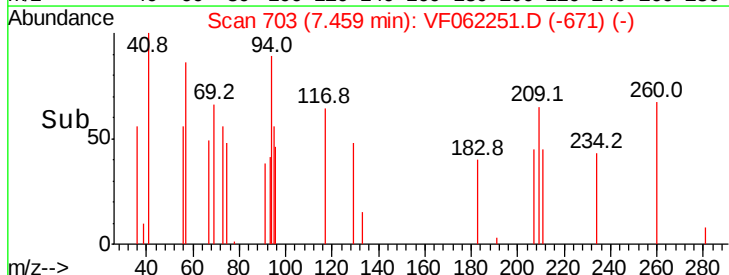
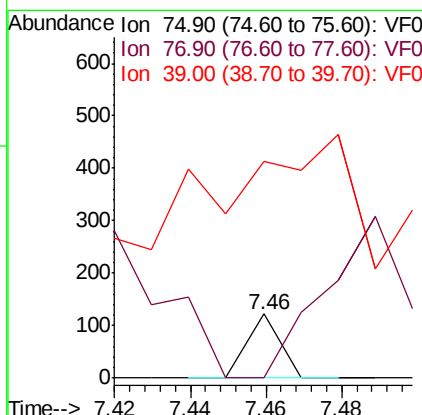
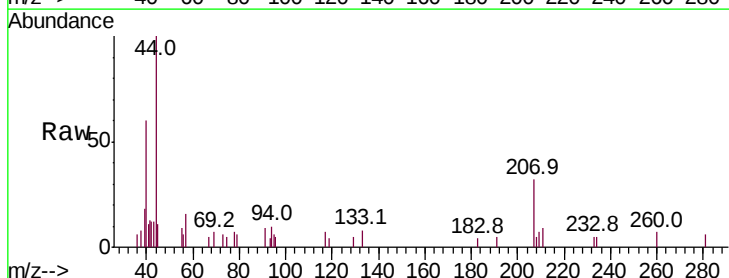
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-007-ABCD

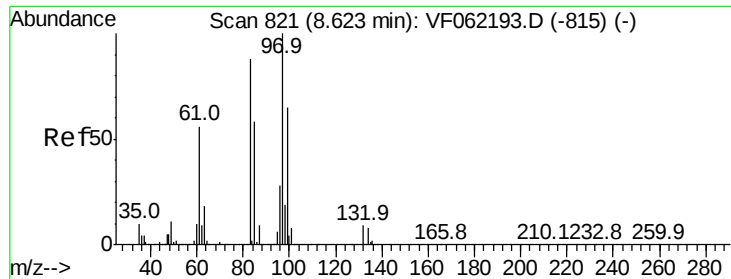
Tot Ion: 75 Resp: 61
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#



#54
 cis-1,3-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.46 min Scan# 703
 Delta R.T. 0.02 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 12.3 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 11.228 ug/l

RT: 8.57 min Scan# 816

Delta R.T. -0.05 min

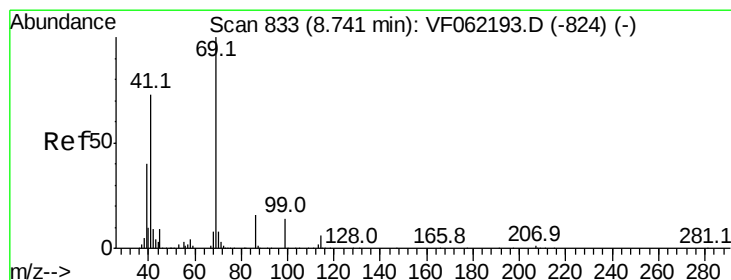
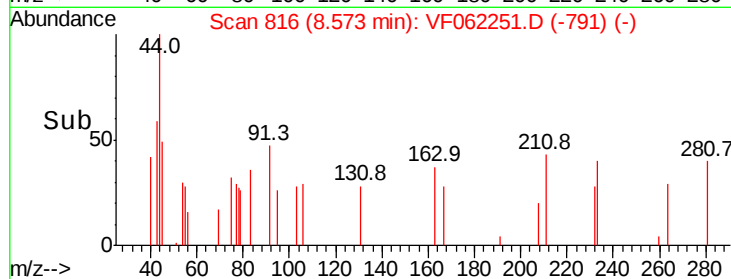
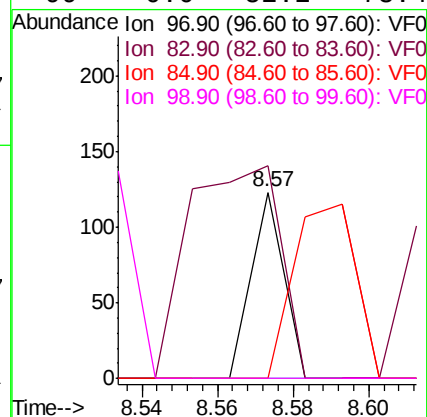
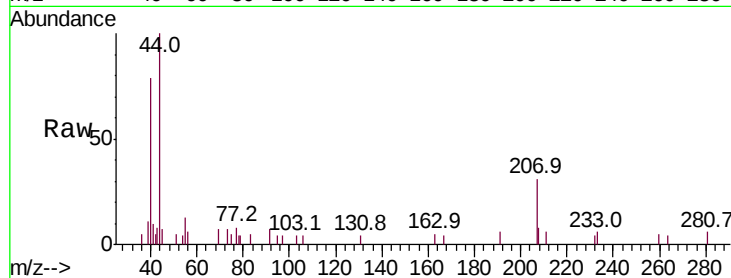
Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-007-ABCD

Tot Ion: 97 Resp: 73

Ion	Ratio	Lower	Upper
97	100		
83	114.6	70.2	105.2#
85	0.0	46.2	69.4#
99	0.0	52.2	78.4#



#56

Ethyl methacrylate

Concen: 38.962 ug/l

RT: 8.75 min Scan# 834

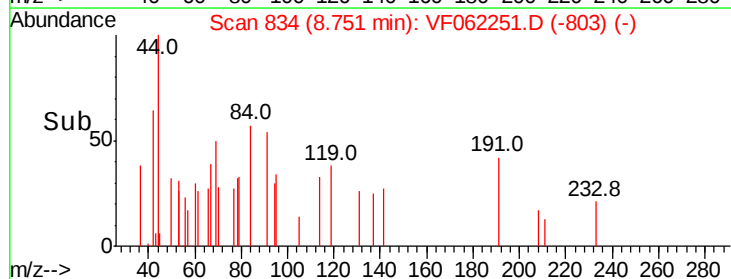
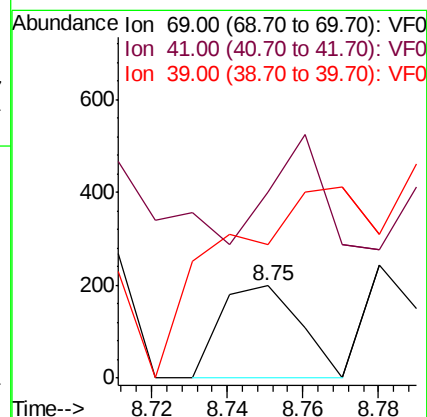
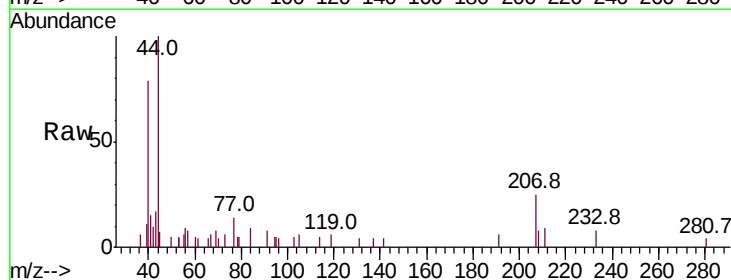
Delta R.T. 0.01 min

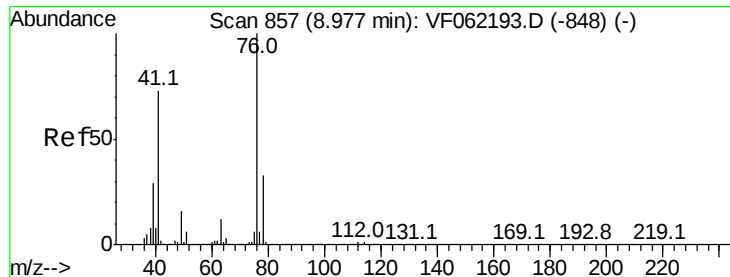
Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Tgt Ion: 69 Resp: 288

Ion	Ratio	Lower	Upper
69	100		
41	78.1	61.5	92.3
39	0.0	33.3	49.9#





#57

1,3-Dichloropropane

Concen: 7.239 ug/l

RT: 8.95 min Scan# 854

Delta R.T. -0.03 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

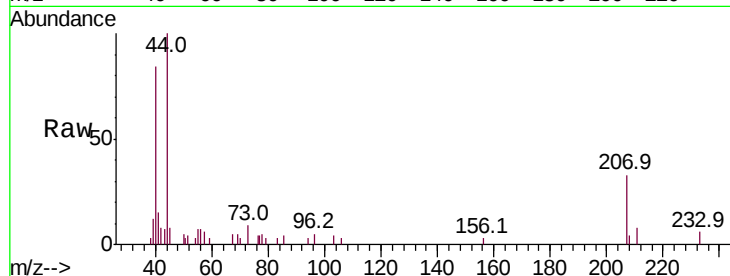
FK-SF-01-007-ABCD

Tot Ion: 76 Resp: 76

Ion Ratio Lower Upper

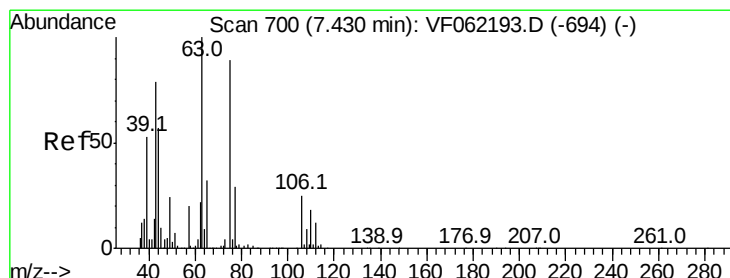
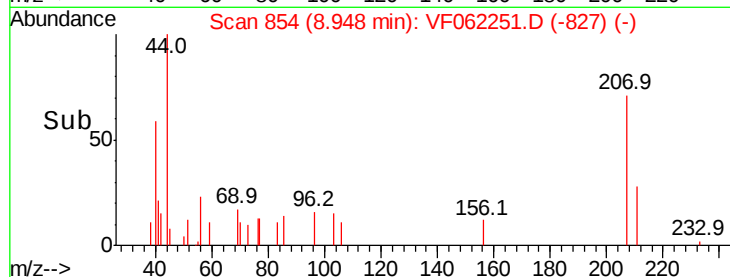
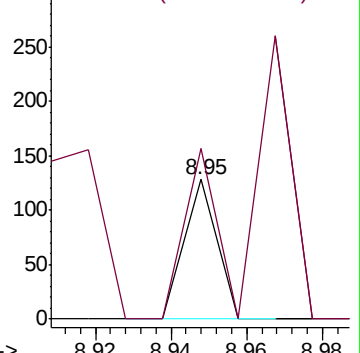
76 100

78 325.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 37.743 ug/l

RT: 7.30 min Scan# 687

Delta R.T. -0.13 min

Lab File: VF062251.D

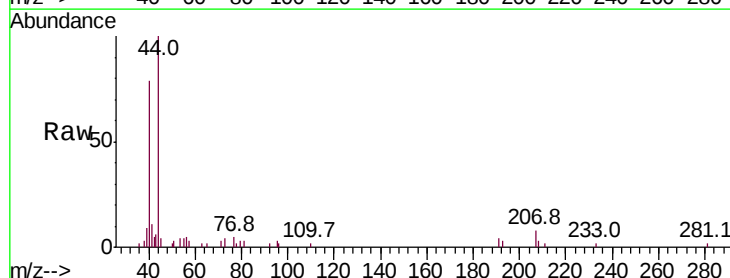
Acq: 22 Apr 2019 18:14

Tgt Ion: 63 Resp: 81

Ion Ratio Lower Upper

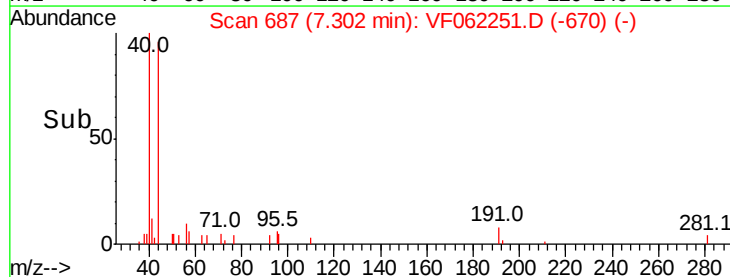
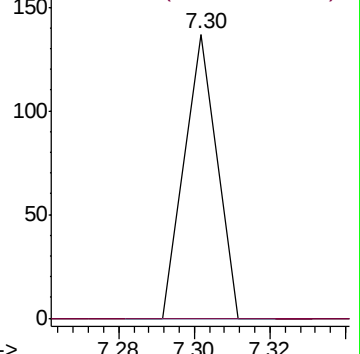
63 100

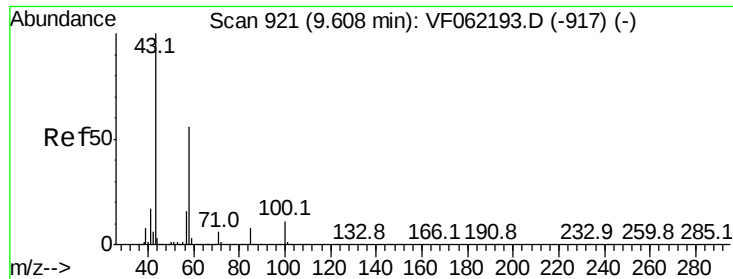
106 0.0 21.4 32.0#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

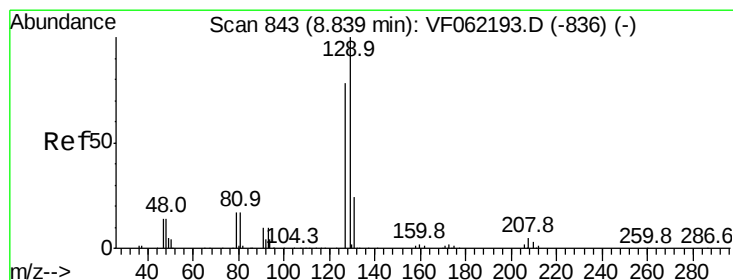
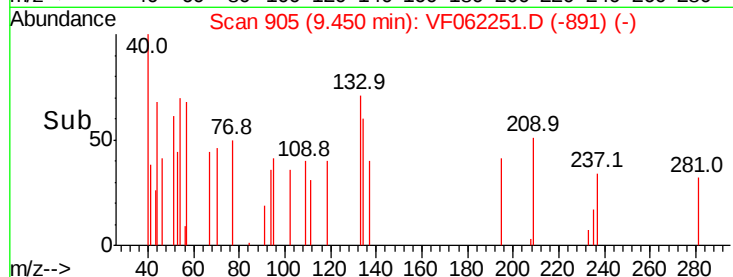
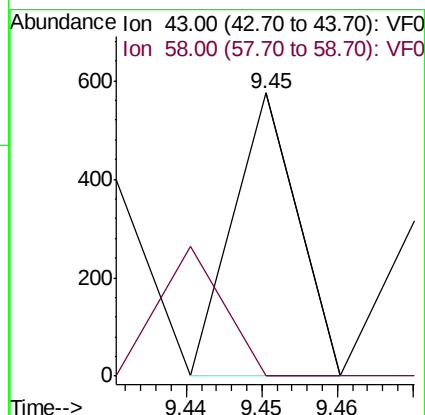
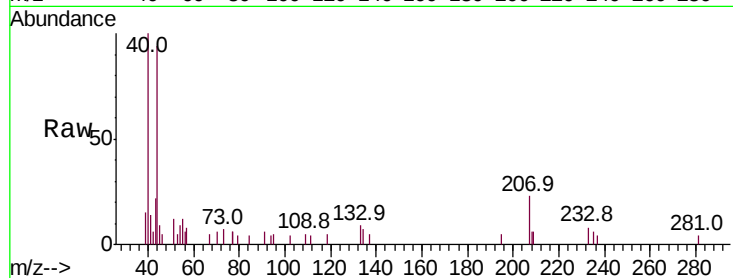




#59
2-Hexanone
Concen: 88.083 ug/l
RT: 9.45 min Scan# 905
Delta R.T. -0.16 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

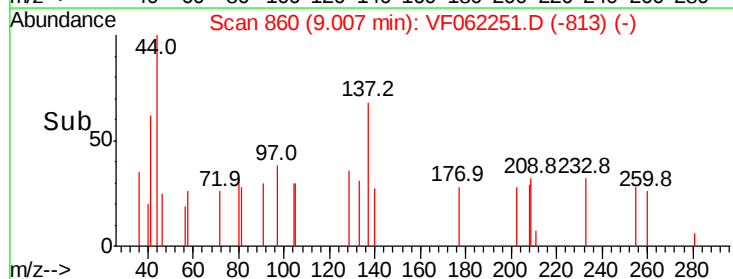
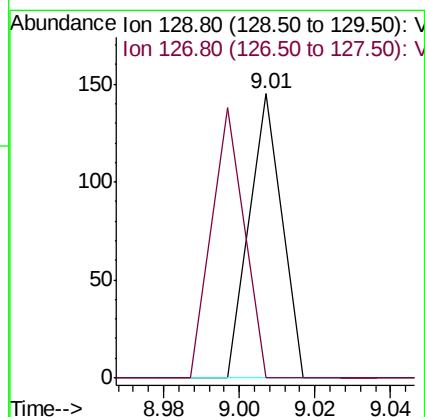
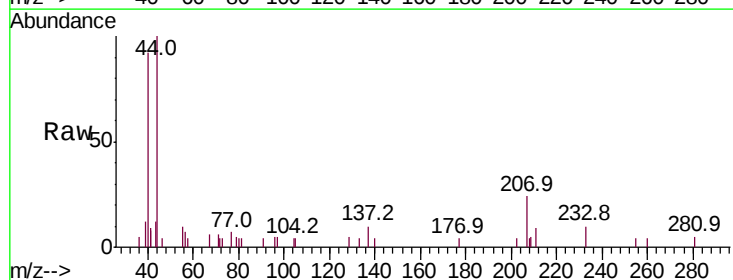
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-007-ABCD

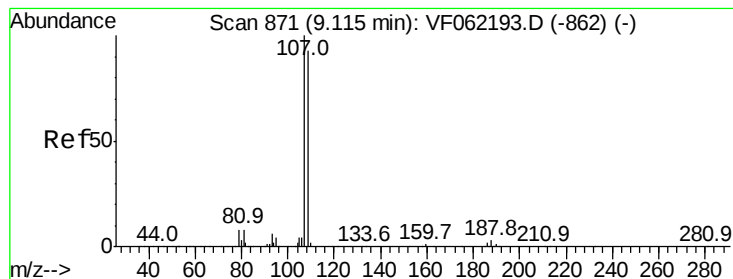
Tot Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 45.9 24.6 74.0



#60
Dibromochloromethane
Concen: 8.895 ug/l
RT: 9.01 min Scan# 860
Delta R.T. 0.17 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

Tgt Ion: 129 Resp: 86
Ion Ratio Lower Upper
129 100
127 95.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 9.966 ug/l

RT: 8.88 min Scan# 847

Delta R.T. -0.24 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

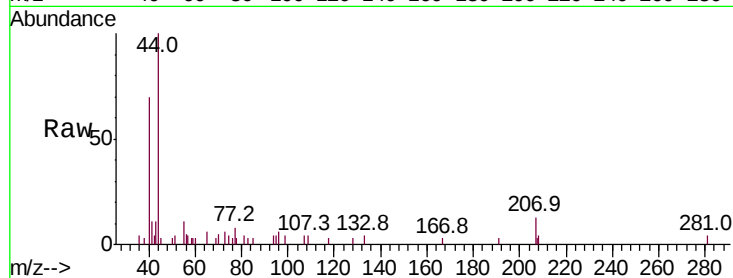
FK-SF-01-007-ABCD

Tot Ion:107 Resp: 73

Ion Ratio Lower Upper

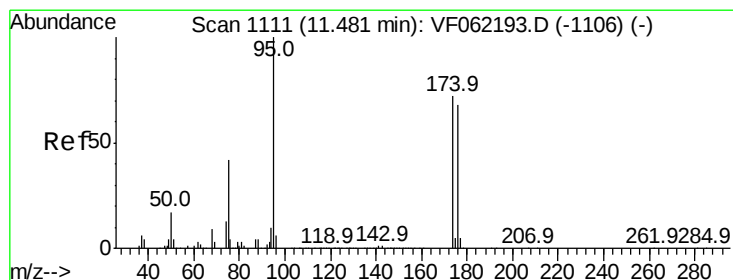
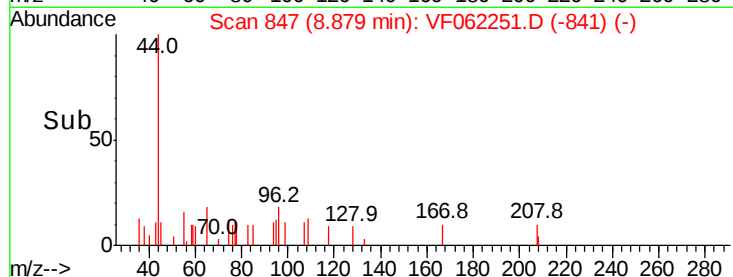
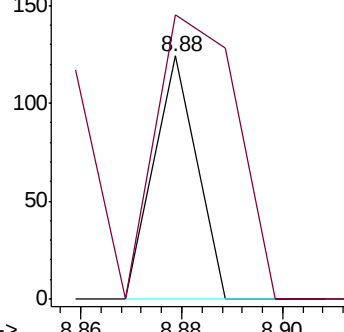
107 100

109 220.5 74.3 111.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 62.807 ug/l

RT: 11.55 min Scan# 1118

Delta R.T. 0.07 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

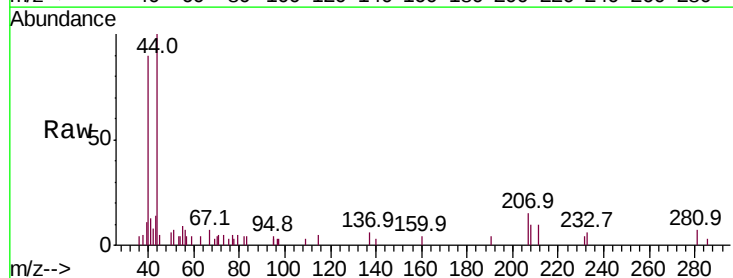
Tgt Ion: 95 Resp: 749

Ion Ratio Lower Upper

95 100

174 0.0 0.0 159.4

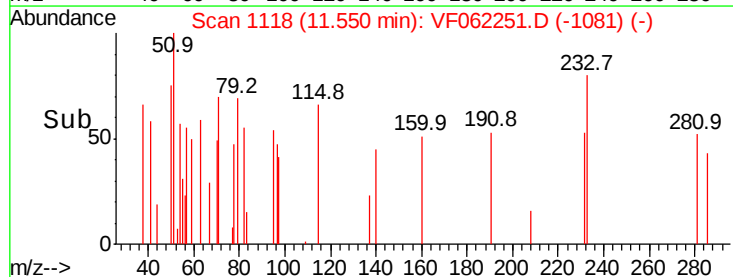
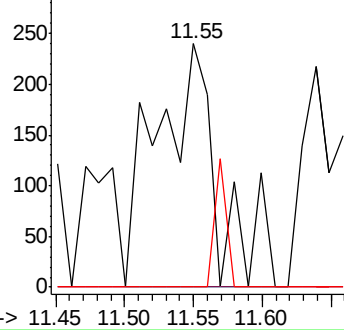
176 10.0 0.0 155.4

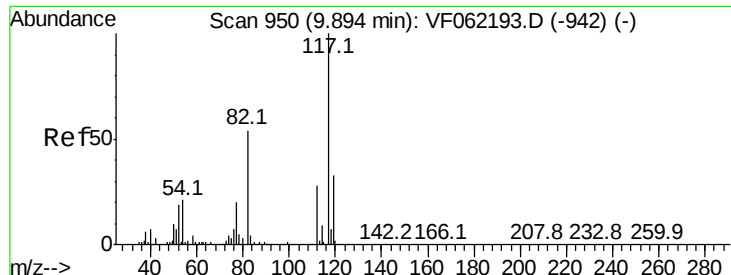


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

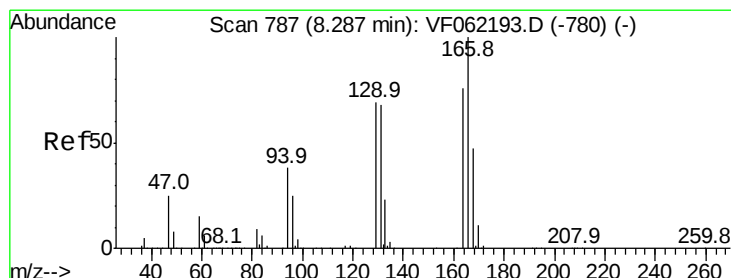
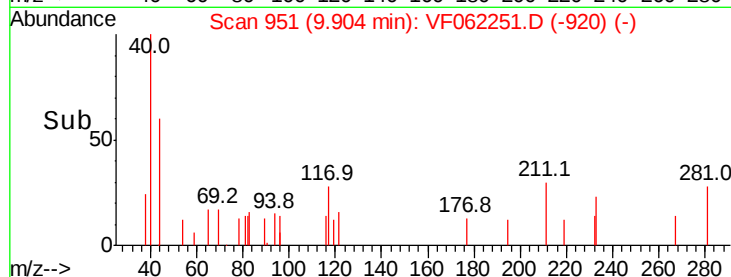
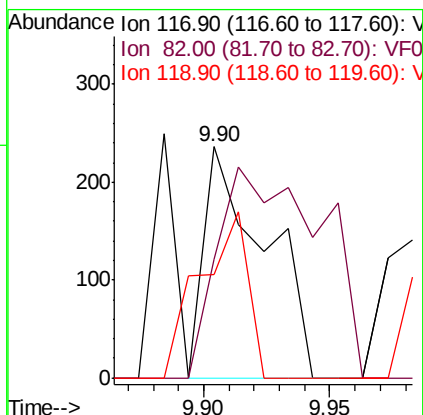
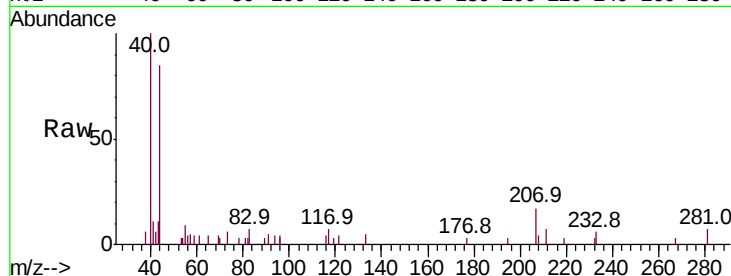




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

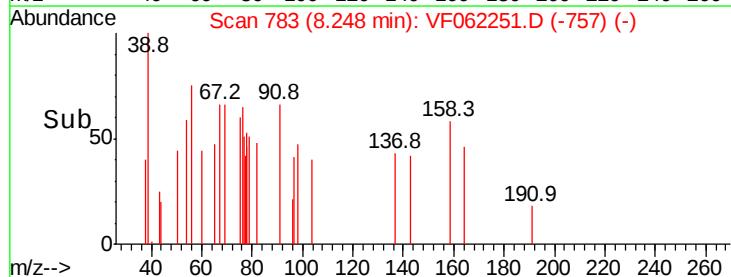
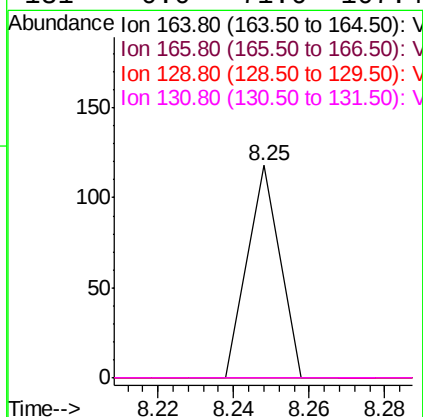
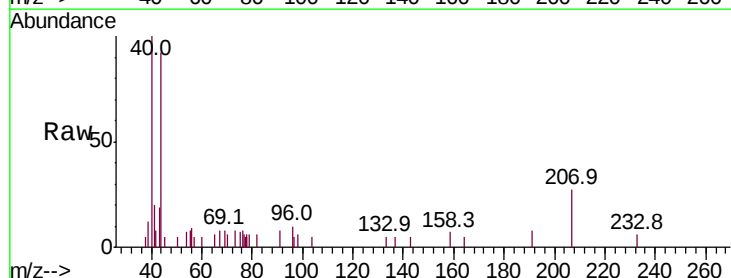
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-007-ABCD

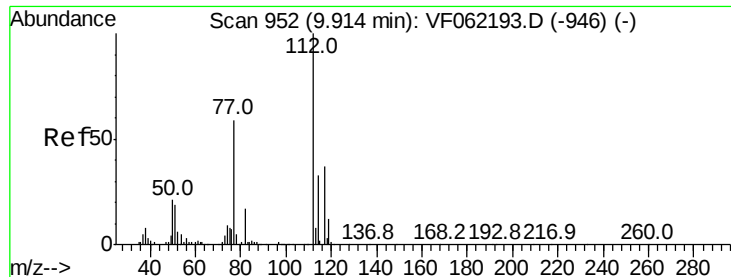
Tot Ion:117 Resp: 399
Ion Ratio Lower Upper
117 100
82 51.3 43.2 64.8
119 44.9 26.2 39.4#



#64
Tetrachloroethene
Concen: 19.435 ug/l
RT: 8.25 min Scan# 783
Delta R.T. -0.04 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

Tgt Ion:164 Resp: 70
Ion Ratio Lower Upper
164 100
166 0.0 104.7 157.1#
129 0.0 72.6 109.0#
131 0.0 71.6 107.4#





#65

Chlorobenzene

Concen: 7.287 ug/l

RT: 9.68 min Scan# 928

Delta R.T. -0.24 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

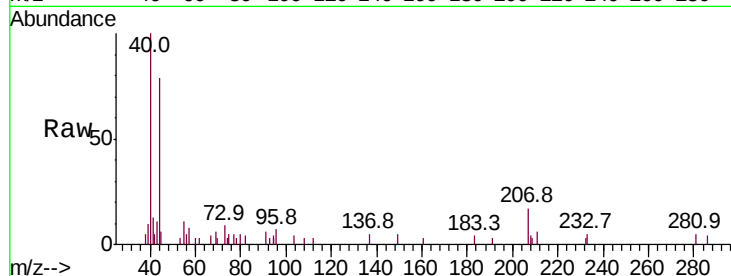
FK-SF-01-007-ABCD

Tot Ion:112 Resp: 62

Ion Ratio Lower Upper

112 100

114 0.0 26.1 39.1#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.68

120

100

80

60

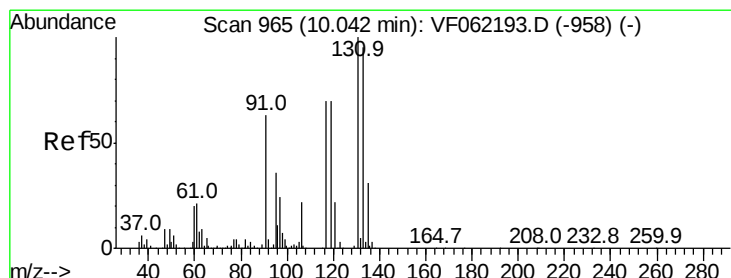
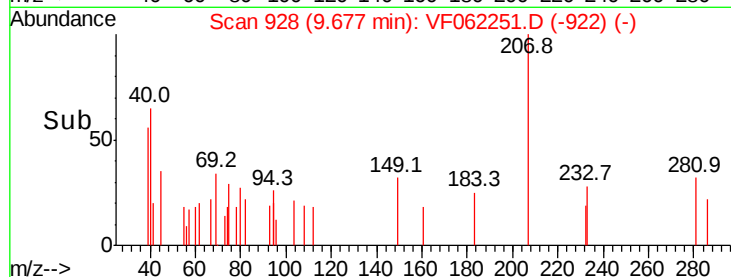
40

20

0

9.64 9.66 9.68 9.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 15.060 ug/l

RT: 9.81 min Scan# 941

Delta R.T. -0.24 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

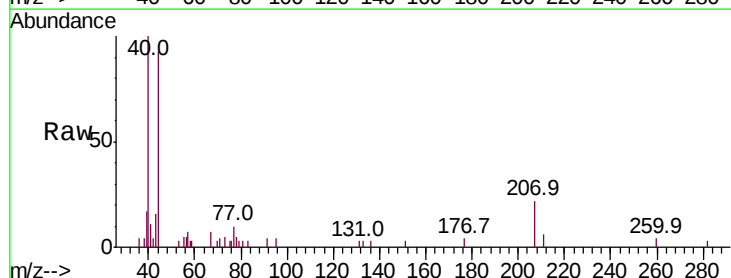
Tgt Ion:131 Resp: 60

Ion Ratio Lower Upper

131 100

133 583.3 47.7 143.1#

119 230.0 34.6 103.9#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.81

200

150

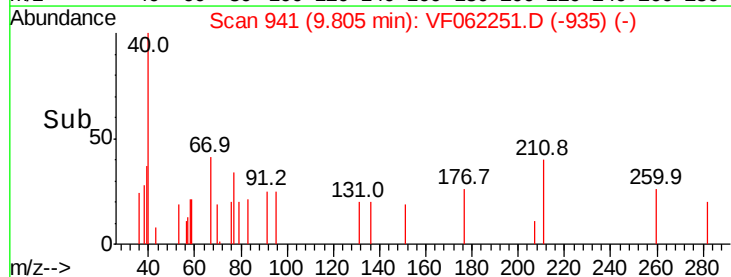
100

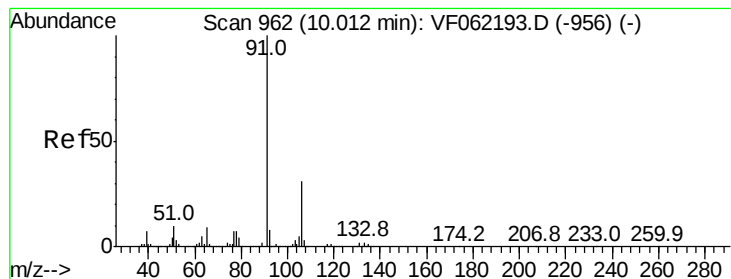
50

0

9.78 9.80 9.82

Time-->





#67

Ethyl Benzene

Concen: 13.833 ug/l

RT: 10.02 min Scan# 963

Delta R.T. 0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

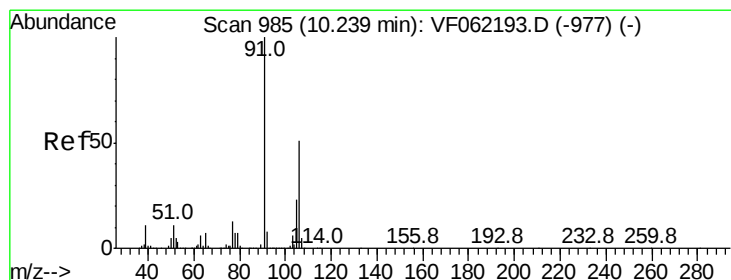
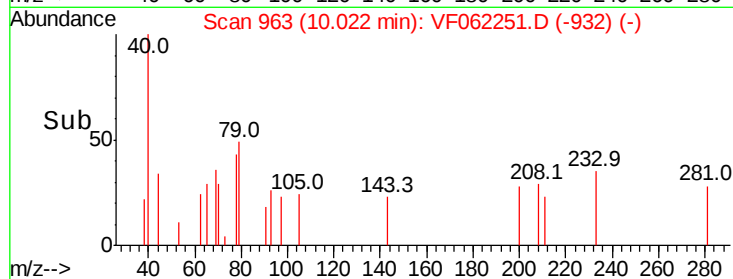
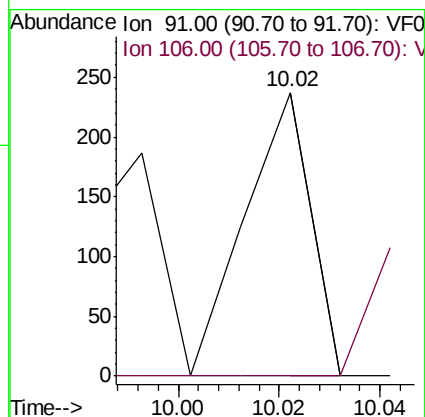
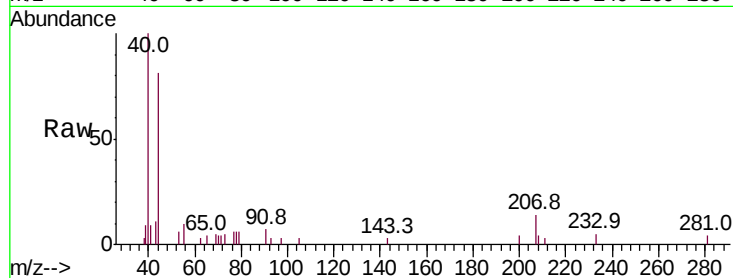
FK-SF-01-007-ABCD

Tot Ion: 91 Resp: 214

Ion Ratio Lower Upper

91 100

106 0.0 24.9 37.3#



#68

m/p-Xylenes

Concen: 13.345 ug/l

RT: 10.30 min Scan# 991

Delta R.T. 0.06 min

Lab File: VF062251.D

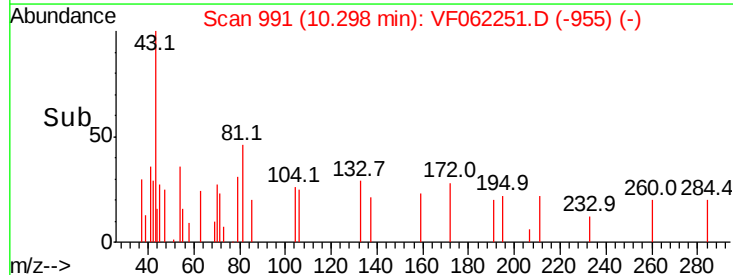
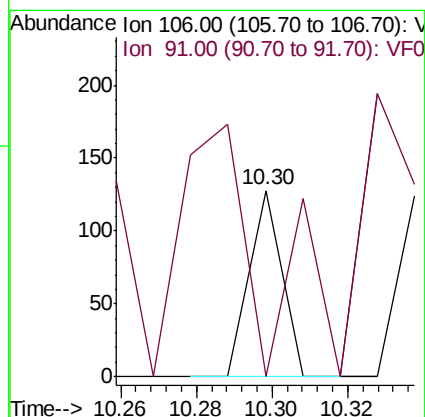
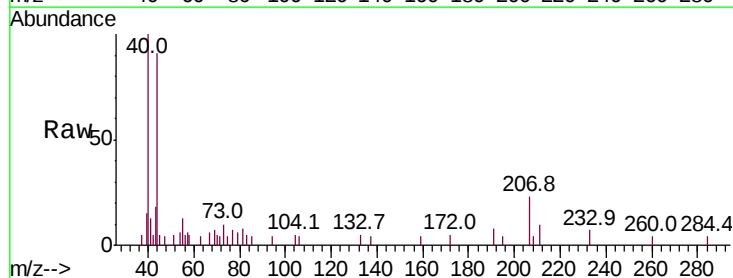
Acq: 22 Apr 2019 18:14

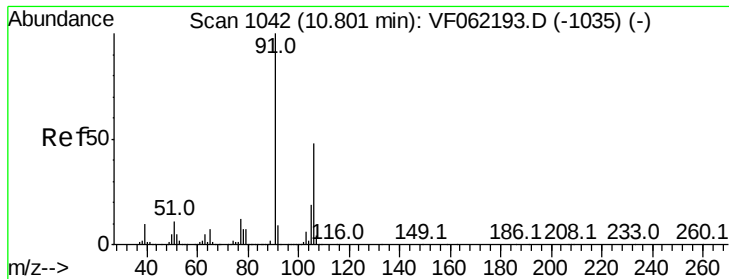
Tgt Ion: 106 Resp: 76

Ion Ratio Lower Upper

106 100

91 357.9 159.1 238.7#

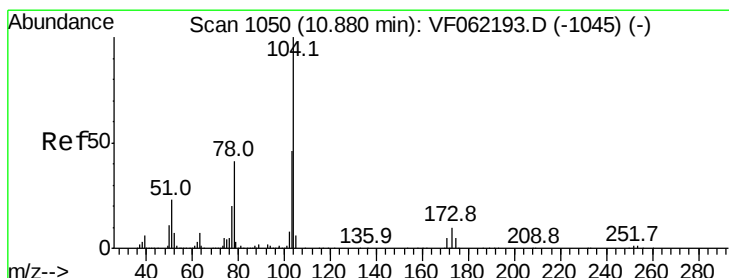
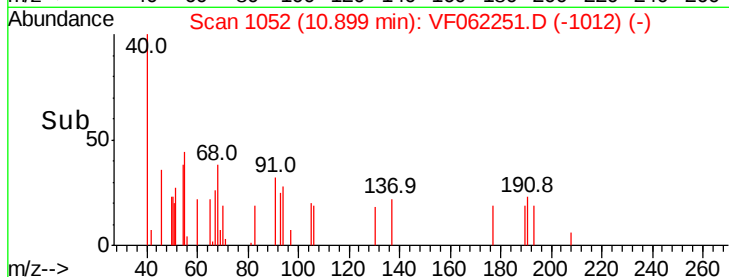
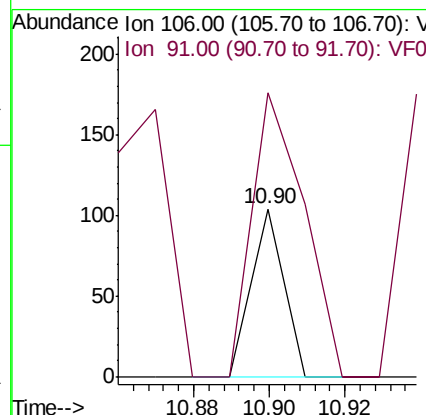
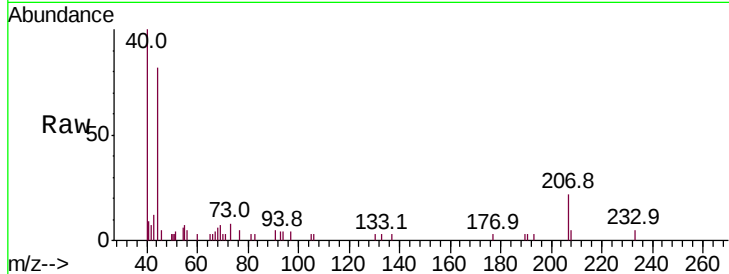




#69
o-Xylene
Concen: 9.805 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.10 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

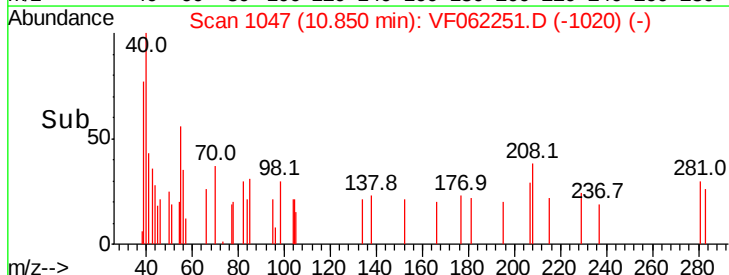
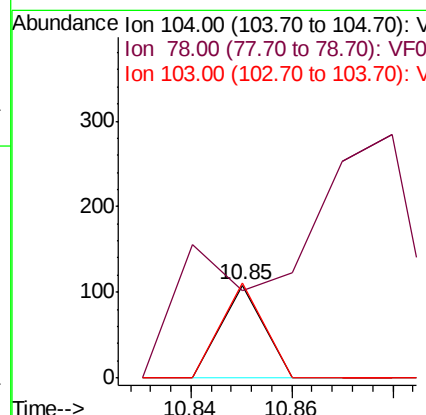
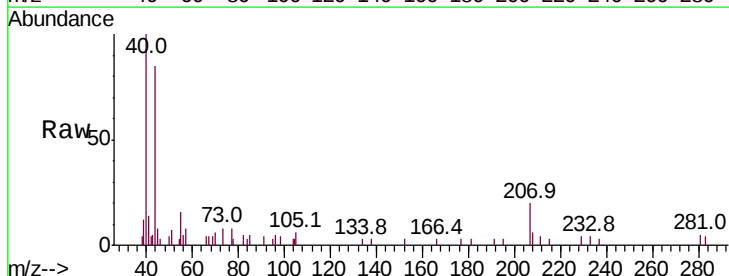
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-007-ABCD

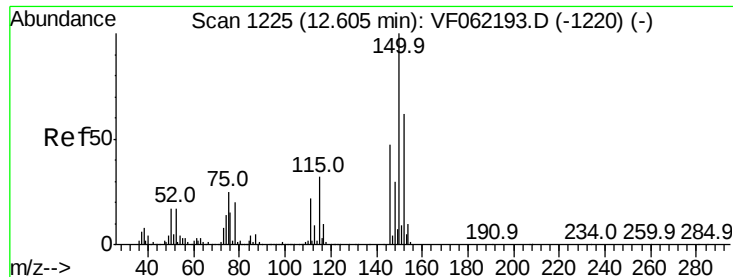
Tot Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 269.4 107.5 322.4



#70
Styrene
Concen: 7.172 ug/l
RT: 10.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: VF062251.D
Acq: 22 Apr 2019 18:14

Tgt Ion:104 Resp: 64
Ion Ratio Lower Upper
104 100
78 0.0 34.5 51.7#
103 103.1 37.2 55.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

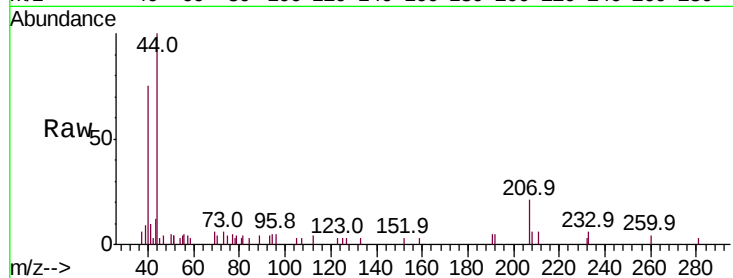
Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

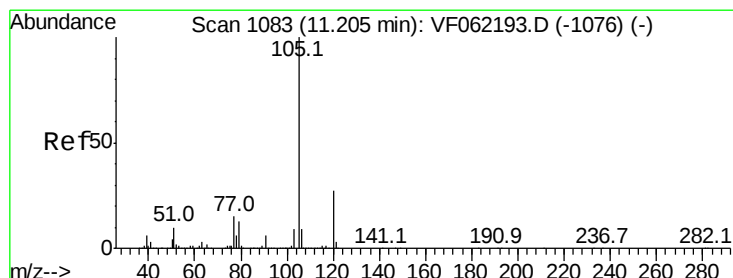
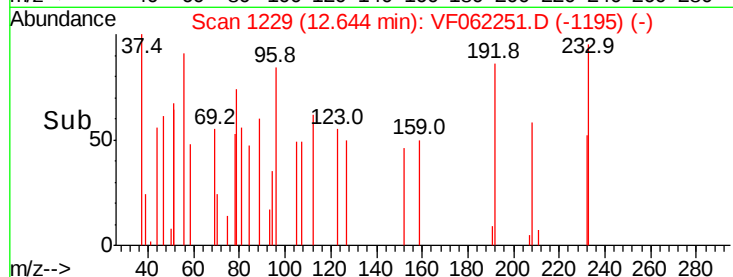
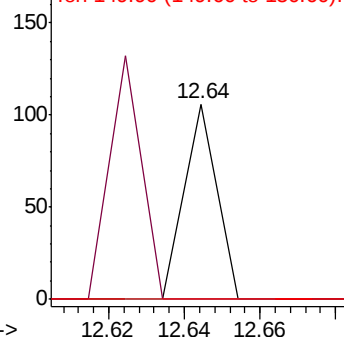
Tot Ion	Ratio	Lower	Upper
152	100		
115	123.8	27.8	83.3#
150	0.0	0.0	341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 18.109 ug/l

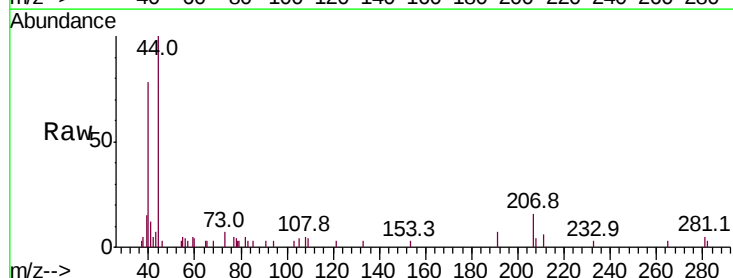
RT: 11.24 min Scan# 1087

Delta R.T. 0.04 min

Lab File: VF062251.D

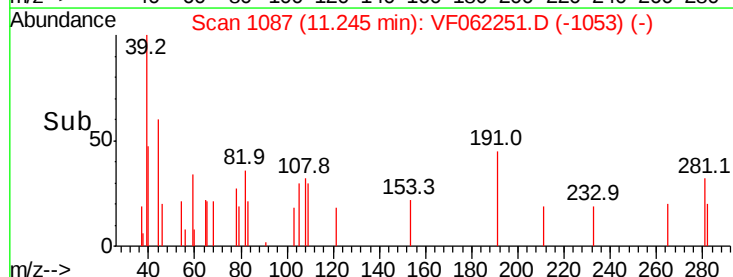
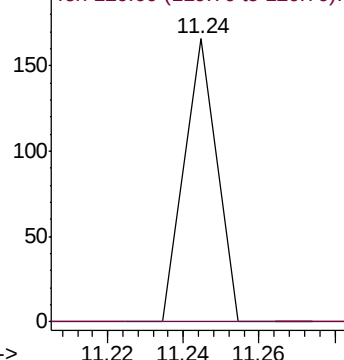
Acq: 22 Apr 2019 18:14

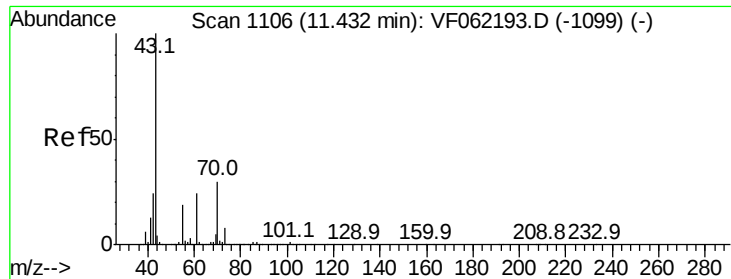
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.0	38.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1482.714 ug/l

RT: 11.39 min Scan# 1102

Delta R.T. -0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

Tot Ion: 43 Resp: 1823

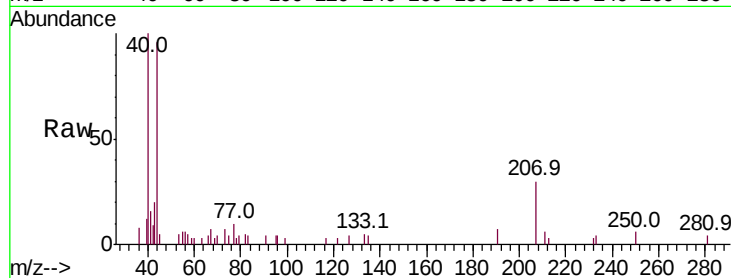
Ion Ratio Lower Upper

43 100

70 13.1 27.0 40.4#

55 13.6 15.7 23.5#

61 0.0 20.8 31.2#

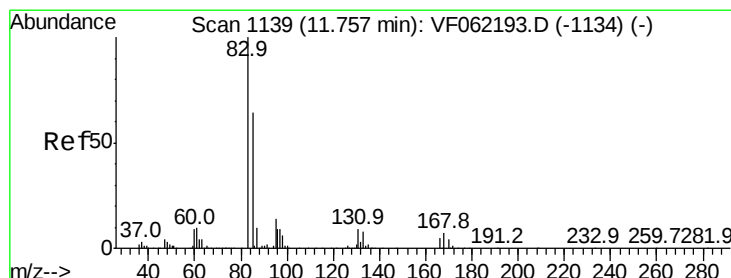
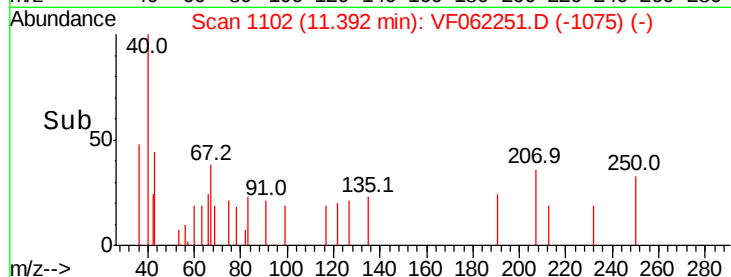
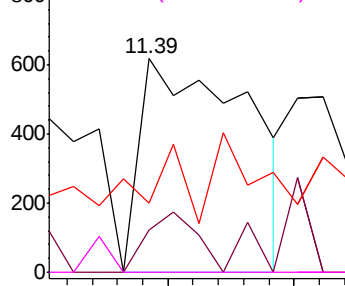


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 150.426 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

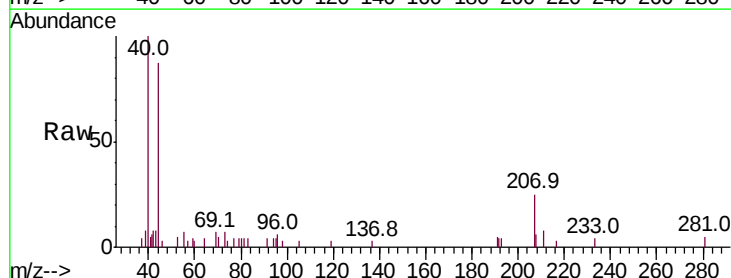
Tgt Ion: 83 Resp: 140

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

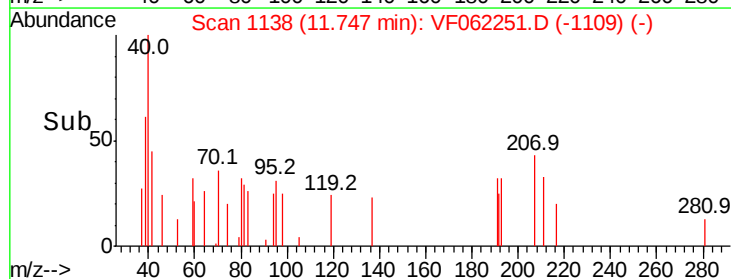
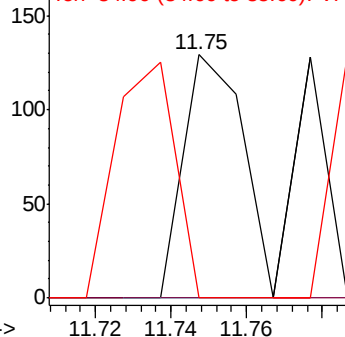
85 97.9 34.7 104.1

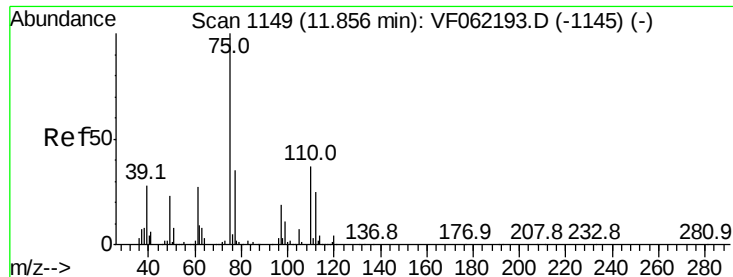


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0





#76

1,2,3-Trichloropropane

Concen: 288.919 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

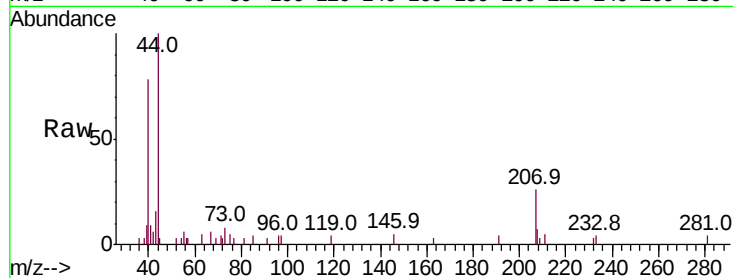
FK-SF-01-007-ABCD

Tot Ion: 75 Resp: 185

Ion Ratio Lower Upper

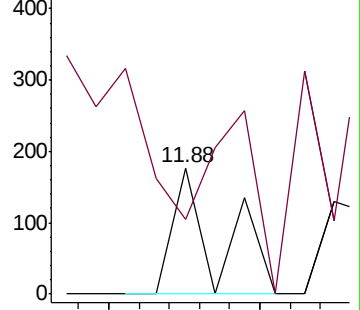
75 100

77 148.6 7.4 22.2#

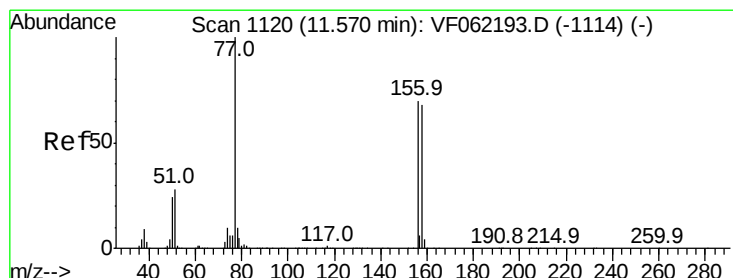
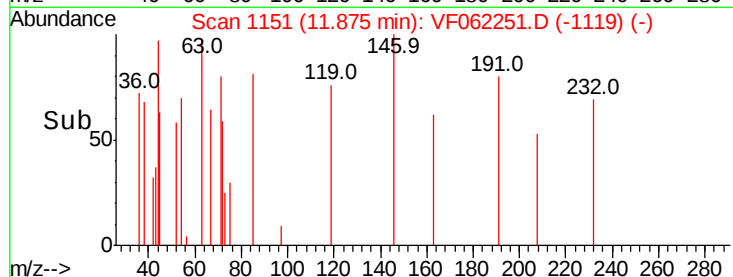


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#77

Bromobenzene

Concen: 55.206 ug/l

RT: 11.53 min Scan# 1116

Delta R.T. -0.04 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

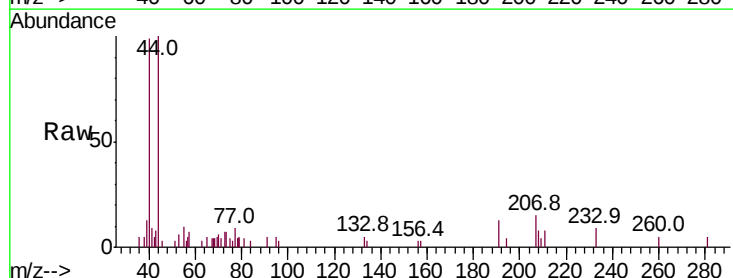
Tgt Ion: 156 Resp: 64

Ion Ratio Lower Upper

156 100

77 453.1 80.9 242.7#

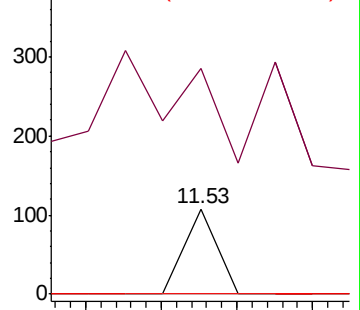
158 0.0 49.8 149.4#



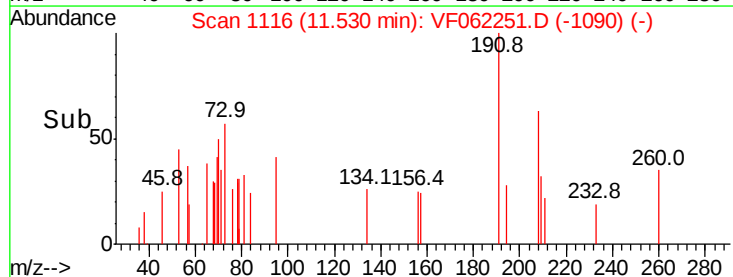
Abundance Ion 155.80 (155.50 to 156.50): V

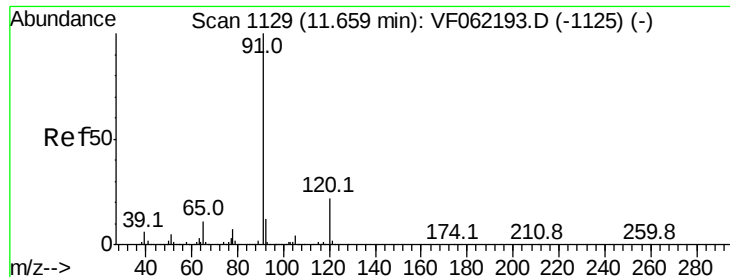
Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 42.565 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

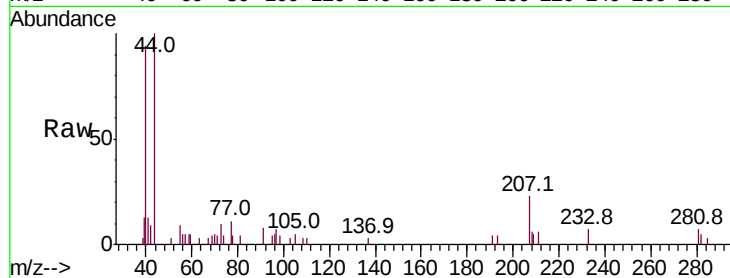
FK-SF-01-007-ABCD

Tot Ion: 91 Resp: 243

Ion Ratio Lower Upper

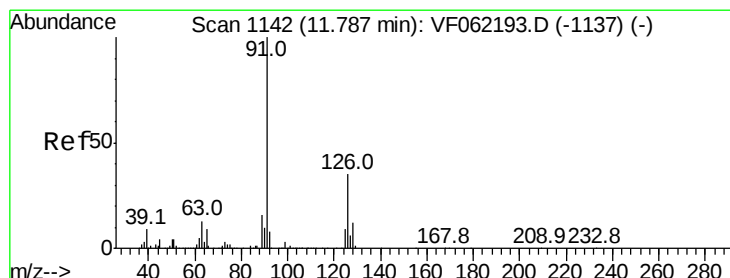
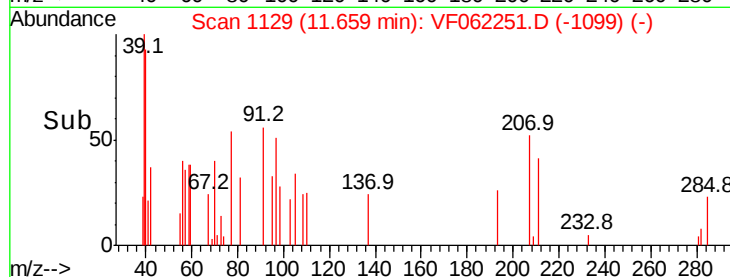
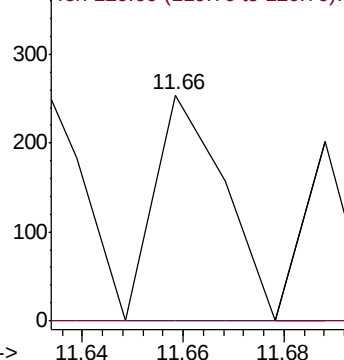
91 100

120 0.0 11.2 33.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 83.453 ug/l

RT: 11.72 min Scan# 1135

Delta R.T. -0.07 min

Lab File: VF062251.D

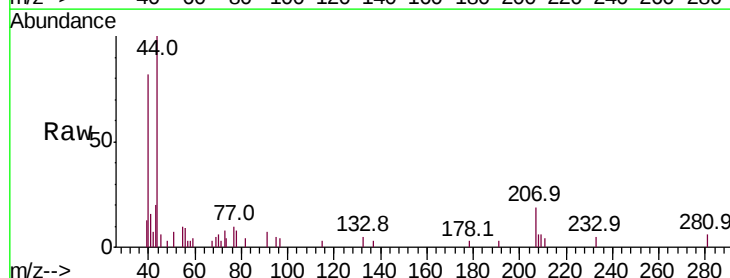
Acq: 22 Apr 2019 18:14

Tgt Ion: 91 Resp: 289

Ion Ratio Lower Upper

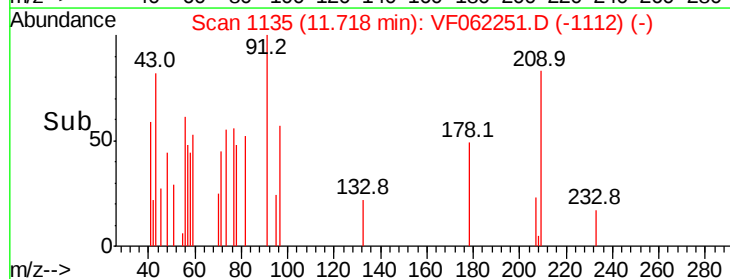
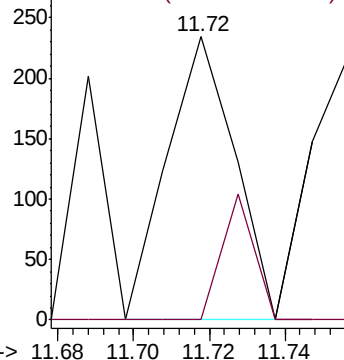
91 100

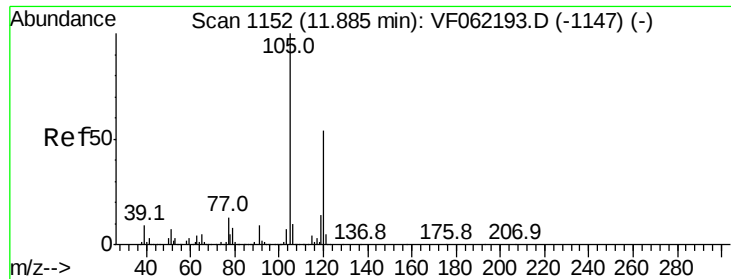
126 21.5 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 54.134 ug/l

RT: 11.96 min Scan# 1160

Delta R.T. 0.08 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

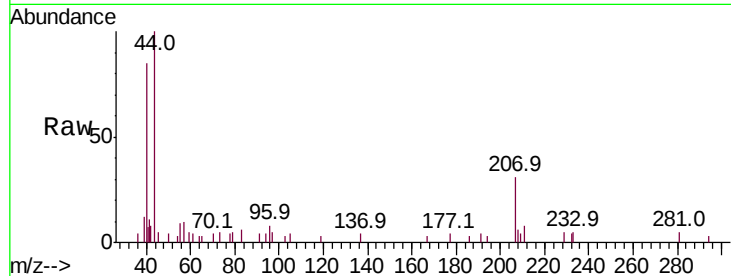
FK-SF-01-007-ABCD

Tot Ion:105 Resp: 244

Ion Ratio Lower Upper

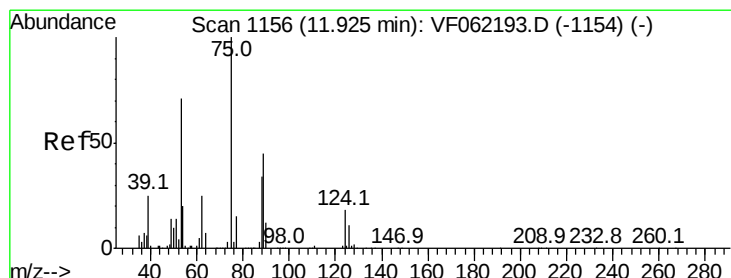
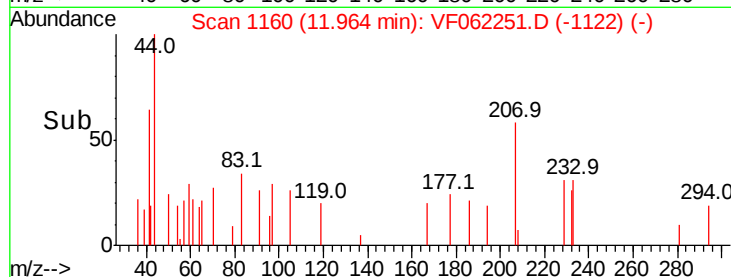
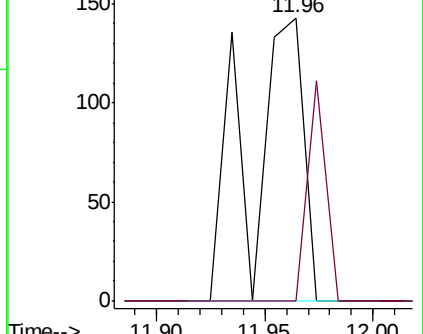
105 100

120 27.0 26.2 78.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1007.469 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. 0.02 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

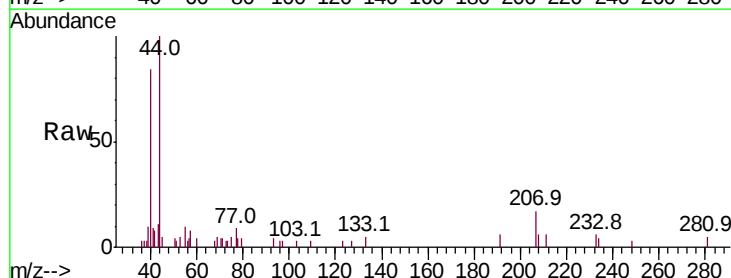
Tgt Ion: 75 Resp: 329

Ion Ratio Lower Upper

75 100

53 114.6 50.2 75.4#

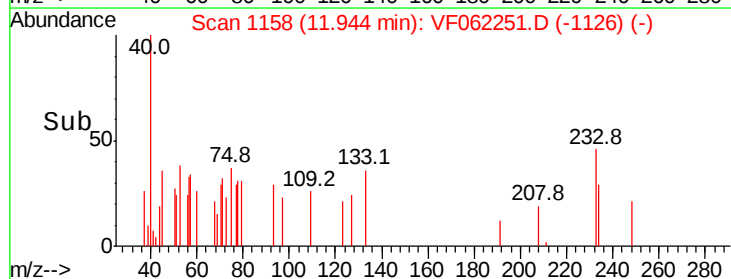
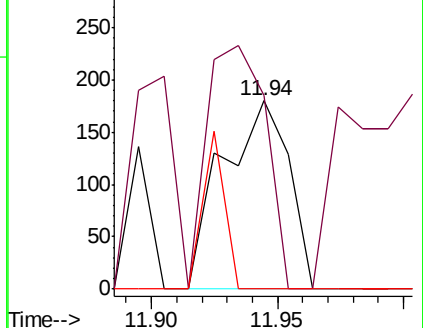
89 27.1 0.0 0.0#

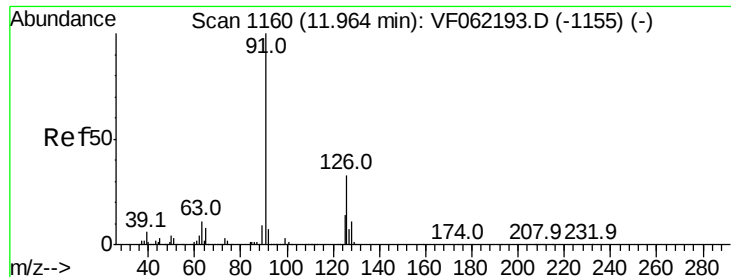


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0





#82

4-Chlorotoluene

Concen: 40.338 ug/l

RT: 11.93 min Scan# 1157

Delta R.T. -0.03 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

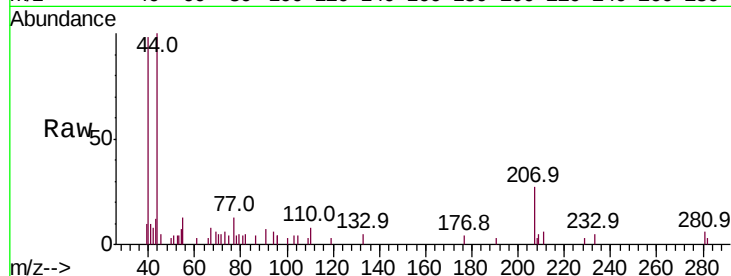
FK-SF-01-007-ABCD

Tot Ion: 91 Resp: 135

Ion Ratio Lower Upper

91 100

126 45.2 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

11.93

250

200

150

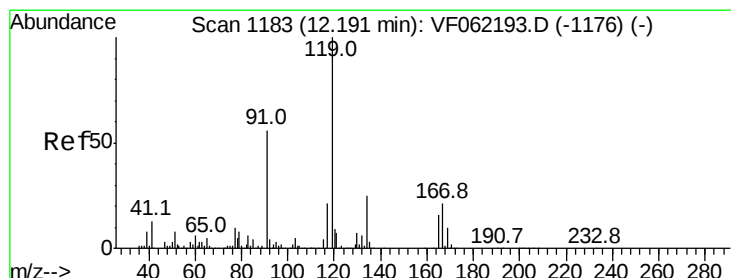
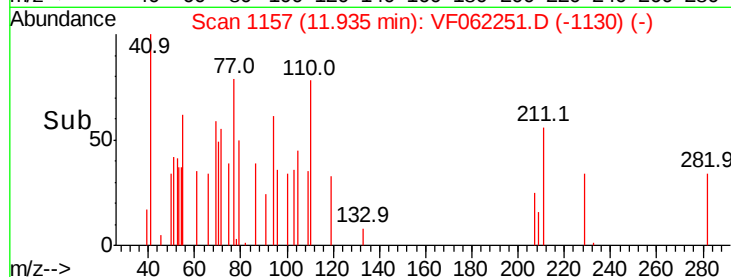
100

50

0

11.92 11.93 11.94 11.95

Time-->



#83

tert-Butylbenzene

Concen: 25.959 ug/l

RT: 12.18 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

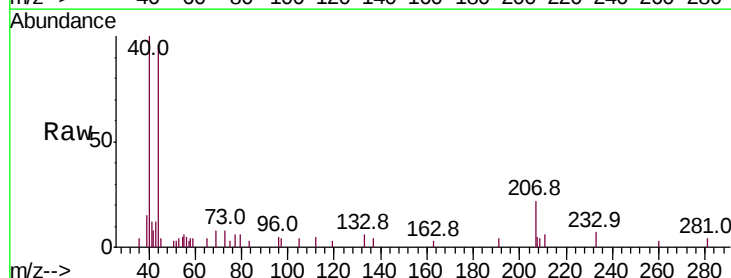
Tgt Ion: 119 Resp: 121

Ion Ratio Lower Upper

119 100

91 210.7 29.4 88.2#

134 0.0 11.8 35.3#



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

250

200

150

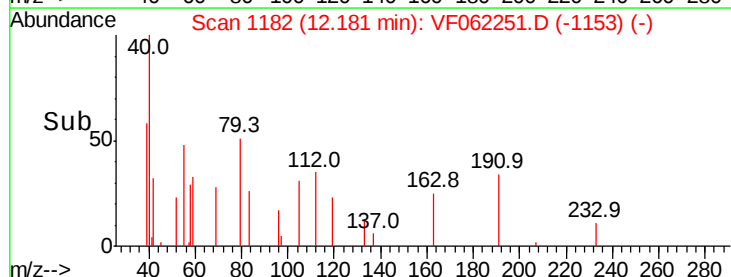
100

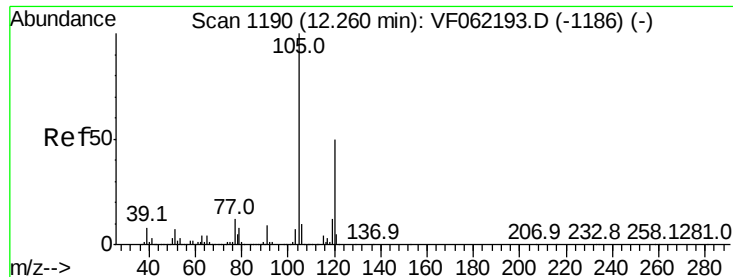
50

0

12.16 12.18 12.20

Time-->

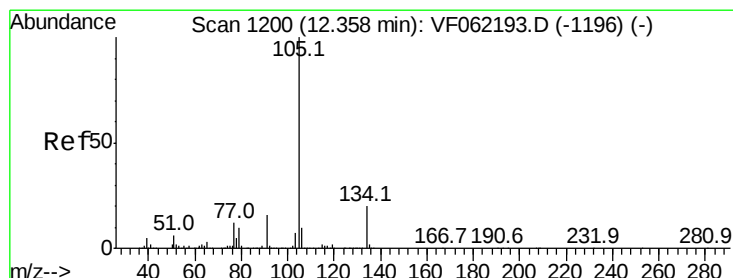
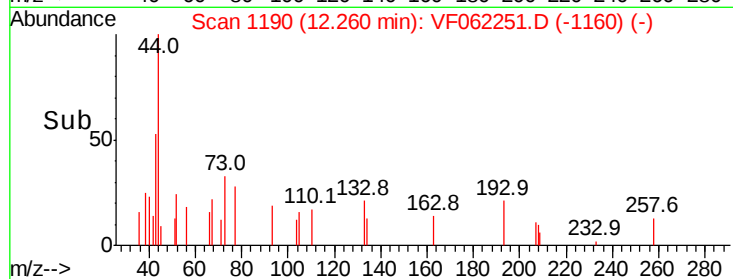
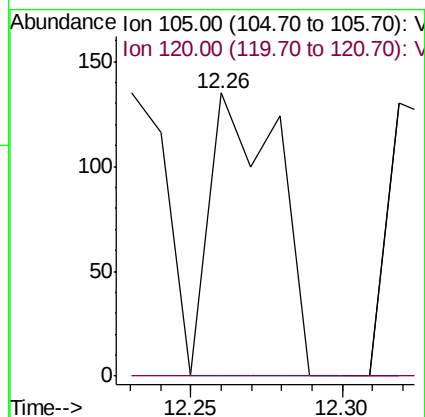
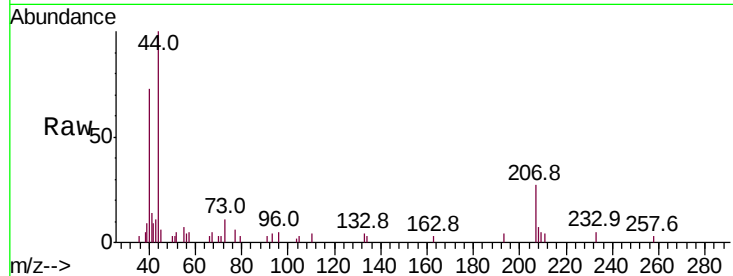




#84
 1,2,4-Trimethylbenzene
 Concen: 48.605 ug/l
 RT: 12.26 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

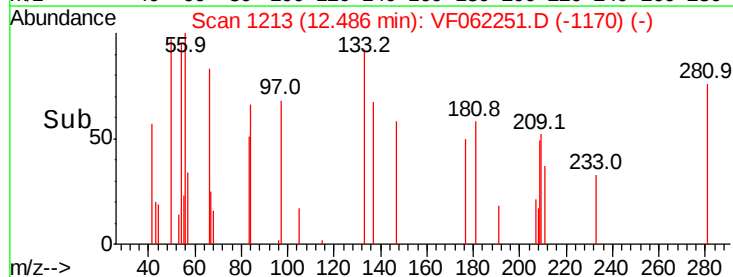
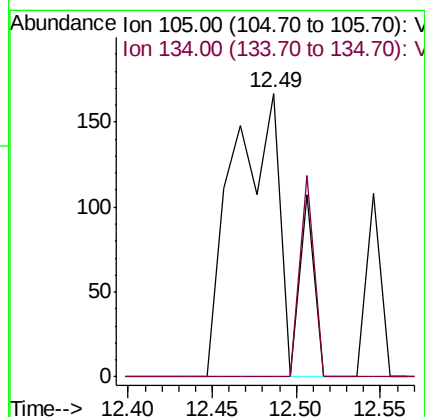
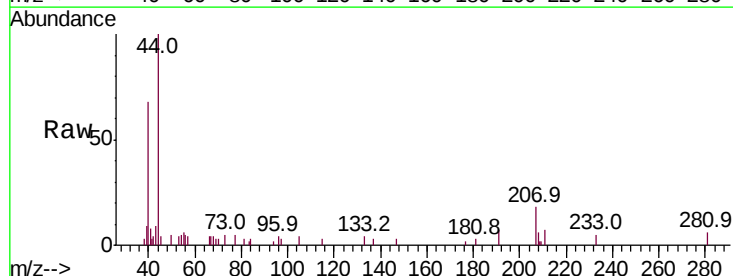
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-007-ABCD

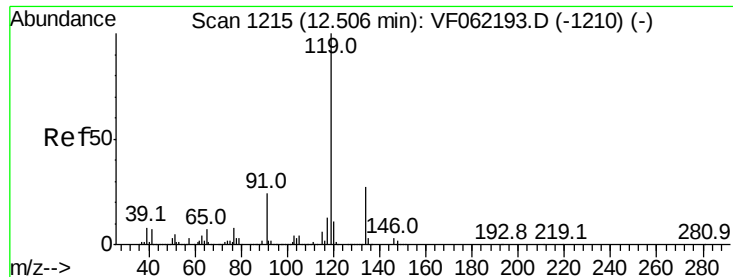
Tot Ion:105 Resp: 212
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#



#85
 sec-Butylbenzene
 Concen: 62.630 ug/l
 RT: 12.49 min Scan# 1213
 Delta R.T. 0.13 min
 Lab File: VF062251.D
 Acq: 22 Apr 2019 18:14

Tgt Ion:105 Resp: 379
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 29.1





#86

p-Isopropyltoluene

Concen: 19.286 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

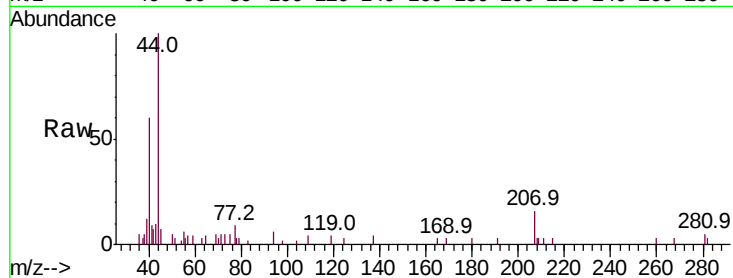
Tot Ion:119 Resp: 99

Ion Ratio Lower Upper

119 100

134 70.7 13.2 39.5#

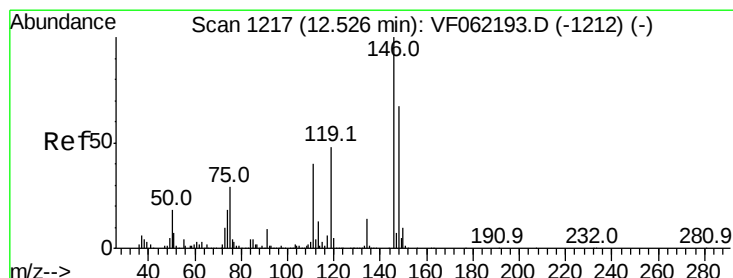
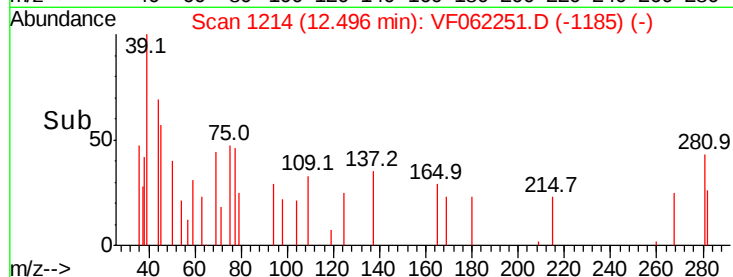
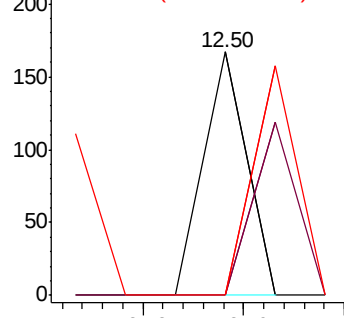
91 93.9 11.7 35.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 27.890 ug/l

RT: 12.30 min Scan# 1194

Delta R.T. -0.23 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

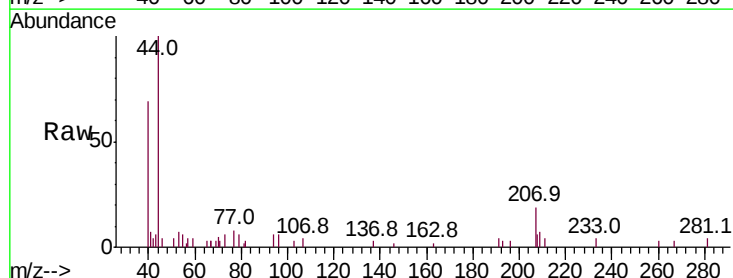
Tgt Ion:146 Resp: 60

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.0#

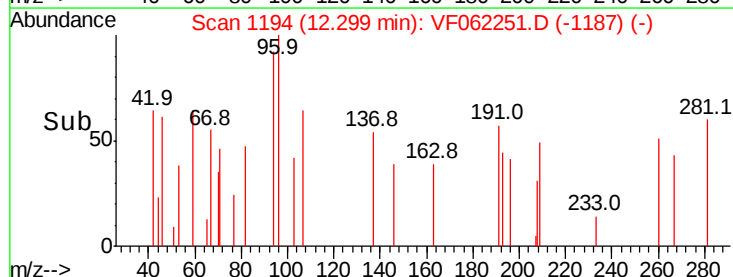
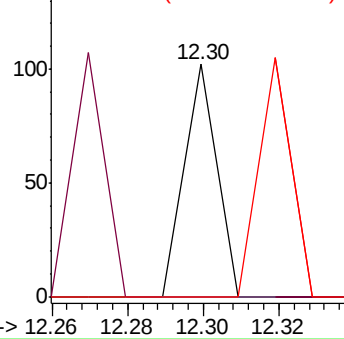
148 103.3 32.9 98.6#

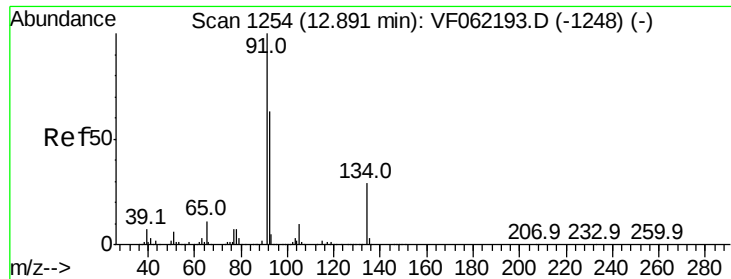


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 107.335 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

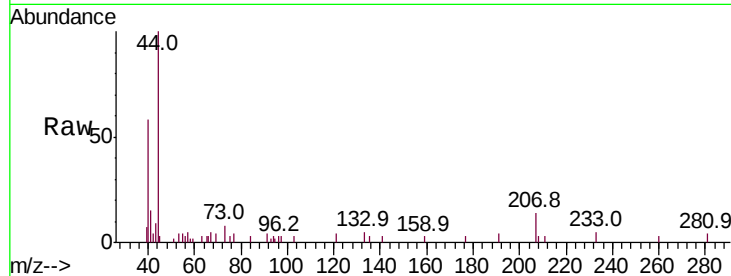
Tot Ion: 91 Resp: 428

Ion Ratio Lower Upper

91 100

92 0.0 31.2 93.6#

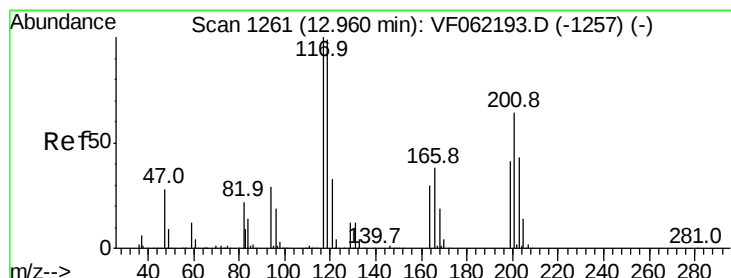
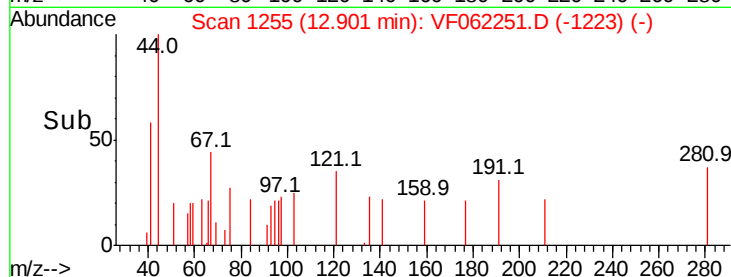
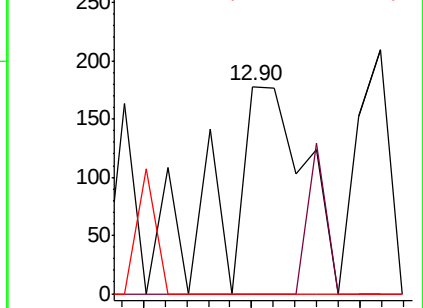
134 0.0 13.1 39.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 45.518 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. -0.05 min

Lab File: VF062251.D

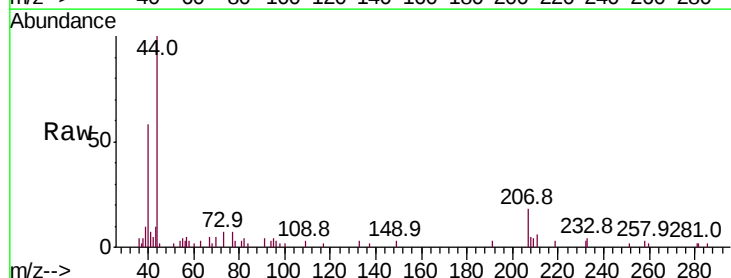
Acq: 22 Apr 2019 18:14

Tgt Ion: 117 Resp: 60

Ion Ratio Lower Upper

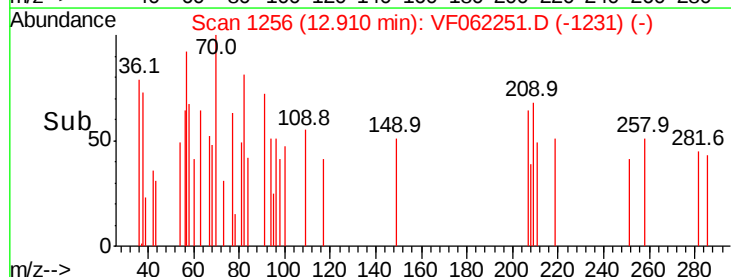
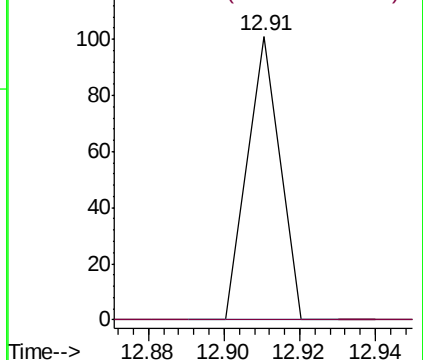
117 100

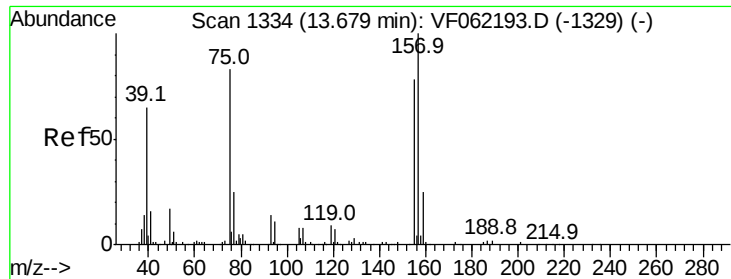
201 0.0 37.7 113.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 503.129 ug/l

RT: 13.67 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

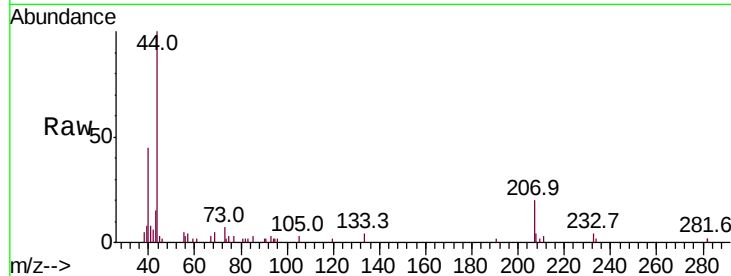
Tot Ion: 75 Resp: 92

Ion Ratio Lower Upper

75 100

155 155.4 47.6 142.8#

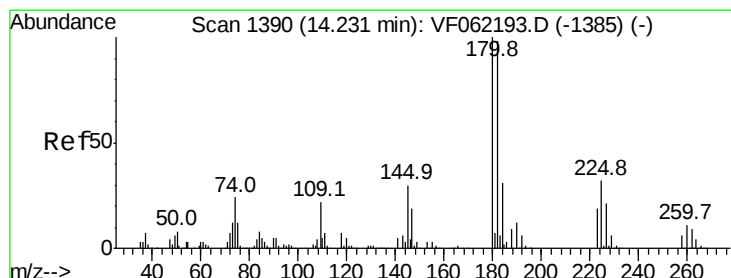
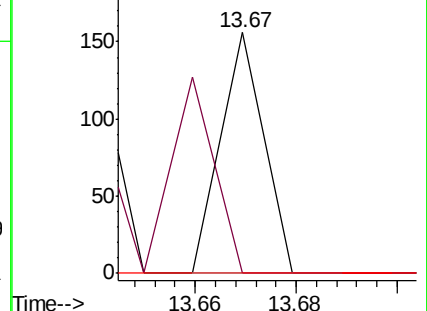
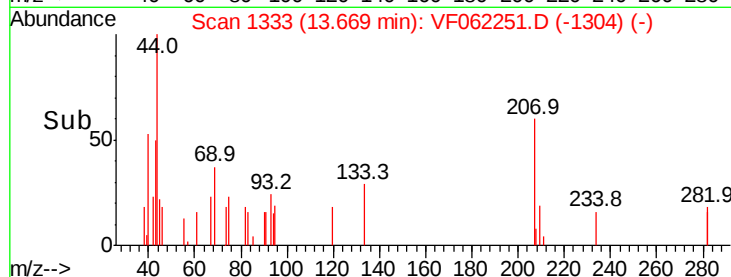
157 0.0 61.3 183.9#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 33.946 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

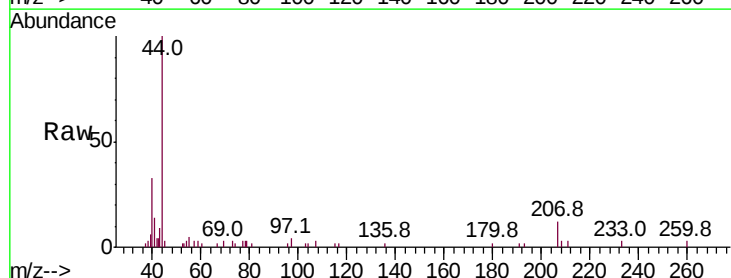
Tgt Ion:180 Resp: 59

Ion Ratio Lower Upper

180 100

182 0.0 49.3 147.9#

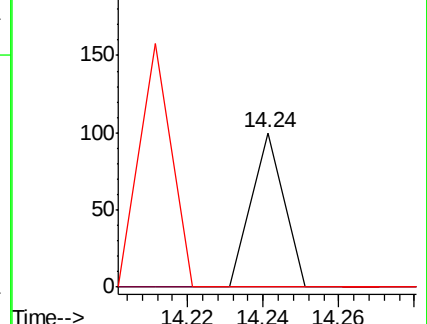
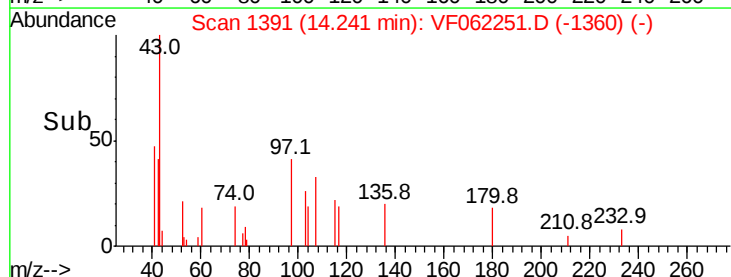
145 0.0 18.1 54.4#

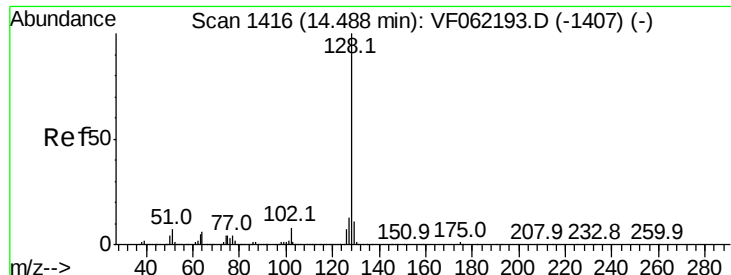


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 28.628 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VF062251.D

Acq: 22 Apr 2019 18:14

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-007-ABCD

Tot Ion:128 Resp: 87

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 87.4 9.2 13.8#

