

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062352.D
 Acq On : 7 May 2019 12:45
 Operator : FY/SY
 Sample : K2678-02
 Misc : 4.08g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-0D015-03-003

Quant Time: May 07 13:21:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.10	168	109	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	5.91	114	86	50.00	ug/l	0.14
63) Chlorobenzene-d5	10.16	117	68	50.00	ug/l	0.26
72) 1,4-Dichlorobenzene-d4	12.63	152	61	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	109	105.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	211.64%	
35) Dibromofluoromethane	4.17	113	99	144.49	ug/l	-0.13
Spiked Amount				50.000		
			Recovery	=	288.98%	
50) Toluene-d8	8.02	98	60	36.18	ug/l	0.31
Spiked Amount				50.000		
			Recovery	=	72.36%	
62) 4-Bromofluorobenzene	11.75	95	80	106.92	ug/l	0.26
Spiked Amount				50.000		
			Recovery	=	213.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.03	85	69	54.697	ug/l #	41
3) Chloromethane	1.18	50	77	92.549	ug/l #	42
4) Vinyl Chloride	1.18	62	65	78.325	ug/l #	42
5) Bromomethane	1.44	94	72	118.417	ug/l #	3
6) Chloroethane	1.48	64	69	165.379	ug/l #	1
7) Trichlorofluoromethane	1.63	101	86	49.947	ug/l #	20
8) Diethyl Ether	1.69	74	73	280.197	ug/l	72
10) Methyl Iodide	1.83	142	109	67.286	ug/l #	29
11) Tert butyl alcohol	2.74	59	287	4929.739	ug/l #	12
12) 1,1-Dichloroethene	1.90	96	61	72.993	ug/l #	44
13) Acrolein	2.13	56	66	1980.167	ug/l #	13
14) Allyl chloride	2.21	41	719	973.973	ug/l #	9
15) Acrylonitrile	3.14	53	313	2838.225	ug/l #	38
16) Acetone	2.35	43	368	1765.999	ug/l #	58
17) Carbon Disulfide	1.94	76	175	96.039	ug/l #	71
18) Methyl Acetate	2.48	43	403	1127.998	ug/l #	58
19) Methyl tert-butyl Ether	2.58	73	458	265.495	ug/l #	1
20) Methylene Chloride	2.39	84	60	79.584	ug/l #	1
21) trans-1,2-Dichloroethene	2.45	96	100	125.595	ug/l #	1
22) Diisopropyl ether	2.98	45	75	32.507	ug/l #	1
23) Vinyl Acetate	3.36	43	88	85.578	ug/l #	79
24) 1,1-Dichloroethane	3.00	63	70	50.199	ug/l #	86
25) 2-Butanone	4.56	43	193	737.220	ug/l #	60
26) 2,2-Dichloropropane	3.69	77	340	436.615	ug/l	99
27) cis-1,2-Dichloroethene	3.73	96	150	150.713	ug/l	40
28) Bromochloromethane	3.93	49	65	102.782	ug/l #	1
29) Tetrahydrofuran	4.26	42	232	1928.198	ug/l #	62
30) Chloroform	3.98	83	71	37.688	ug/l #	19
31) Cyclohexane	3.94	56	179	160.825	ug/l #	16
32) 1,1,1-Trichloroethane	4.26	97	68	42.116	ug/l #	22
36) 1,1-Dichloropropene	4.58	75	71	96.106	ug/l #	1
37) Ethyl Acetate	4.38	43	575	2228.283	ug/l #	73
38) Carbon Tetrachloride	4.43	117	61	81.348	ug/l #	14
39) Methylcyclohexane	5.89	83	60	80.980	ug/l #	14

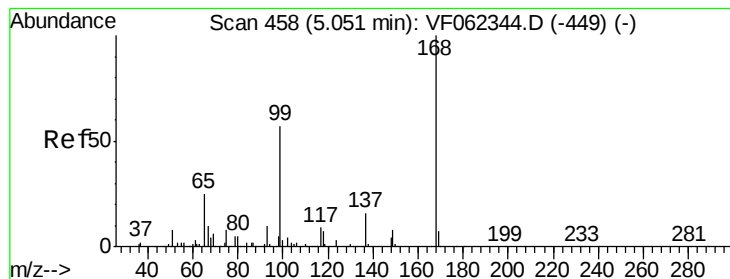
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062352.D
 Acq On : 7 May 2019 12:45
 Operator : FY/SY
 Sample : K2678-02
 Misc : 4.08g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-0D015-03-003

Quant Time: May 07 13:21:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.91	78	90	55.323	ug/l #	48
41) Methacrylonitrile	5.06	41	245	1383.066	ug/l #	18
42) 1,2-Dichloroethane	5.23	62	79	116.109	ug/l #	82
43) Isopropyl Acetate	7.27	43	481	1431.420	ug/l #	48
44) Trichloroethene	5.75	130	63	105.421	ug/l	2
45) 1,2-Dichloropropane	6.72	63	116	314.808	ug/l #	43
47) Bromodichloromethane	6.62	83	80	104.734	ug/l #	27
48) Methyl methacrylate	7.03	41	305	1284.379	ug/l #	1
51) 4-Methyl-2-Pentanone	8.50	43	179	702.996	ug/l	92
52) Toluene	8.08	92	60	59.785	ug/l #	54
53) t-1,3-Dichloropropene	8.67	75	67	115.974	ug/l #	1
54) cis-1,3-Dichloropropene	7.66	75	78	116.010	ug/l #	21
55) 1,1,2-Trichloroethane	8.93	97	60	188.328	ug/l #	14
56) Ethyl methacrylate	8.93	69	66	196.249	ug/l #	1
57) 1,3-Dichloropropane	9.23	76	61	126.756	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.52	63	85	840.676	ug/l #	42
59) 2-Hexanone	9.76	43	268	1521.874	ug/l	68
61) 1,2-Dibromoethane	9.52	107	61	162.907	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.96	131	143	251.947	ug/l	95
67) Ethyl Benzene	10.08	91	62	31.470	ug/l #	45
68) m/p-Xylenes	10.25	106	67	92.170	ug/l #	25
69) o-Xylene	10.84	106	76	96.756	ug/l	67
70) Styrene	10.64	104	63	53.516	ug/l #	1
73) Isopropylbenzene	11.20	105	99	27.376	ug/l #	50
74) N-amyl acetate	11.44	43	633	815.329	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.84	83	83	146.585	ug/l #	22
76) 1,2,3-Trichloropropane	11.88	75	132	305.560	ug/l #	100
78) n-propylbenzene	11.60	91	82	21.298	ug/l #	52
79) 2-Chlorotoluene	11.81	91	62	25.897	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.86	105	68	21.453	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.99	75	90	554.252	ug/l #	5
82) 4-Chlorotoluene	11.98	91	355	150.133	ug/l #	39
83) tert-Butylbenzene	12.20	119	96	28.819	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.27	105	109	35.140	ug/l #	31
85) sec-Butylbenzene	12.37	105	178	43.900	ug/l #	57
86) p-Isopropyltoluene	12.50	119	124	32.916	ug/l #	41
89) n-Butylbenzene	12.75	91	83	24.765	ug/l #	29
90) Hexachloroethane	12.99	117	67	71.231	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.66	75	151	1190.364	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	64	42.529	ug/l #	11
95) Naphthalene	14.48	128	217	95.914	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.63	180	75	51.444	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.10 min Scan# 463

Delta R.T. 0.05 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

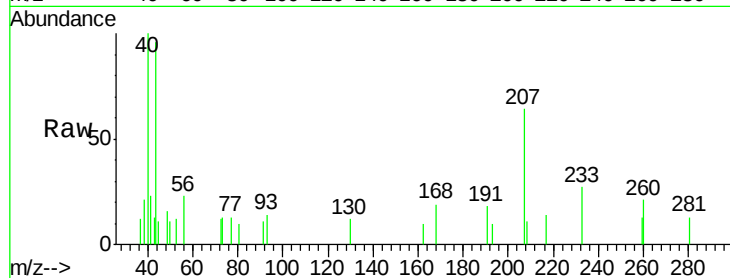
FK-0D015-03-003

Tot Ion:168 Resp: 109

Ion Ratio Lower Upper

168 100

99 0.0 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.10

150

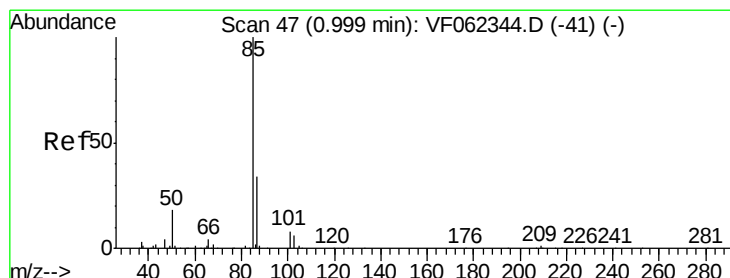
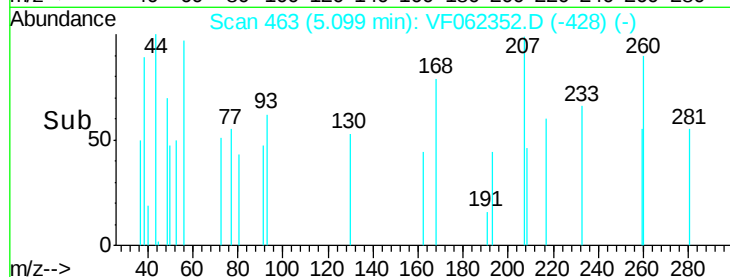
100

50

0

5.08 5.10 5.12

Time-->



#2

Dichlorodifluoromethane

Concen: 54.697 ug/l

RT: 1.03 min Scan# 50

Delta R.T. 0.03 min

Lab File: VF062352.D

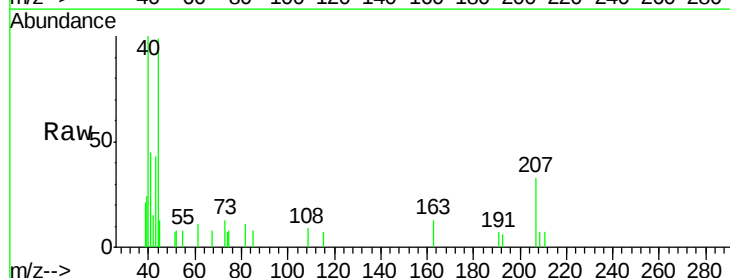
Acq: 7 May 2019 12:45

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

85 100

87 0.0 16.8 50.4#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.03

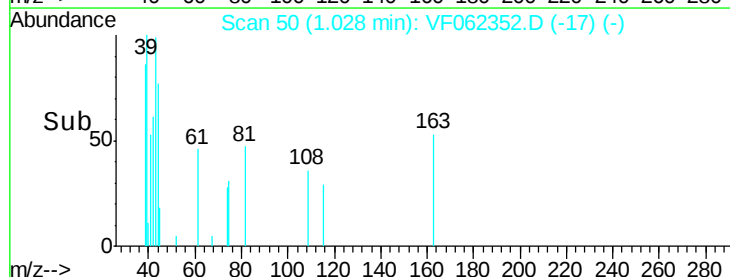
100

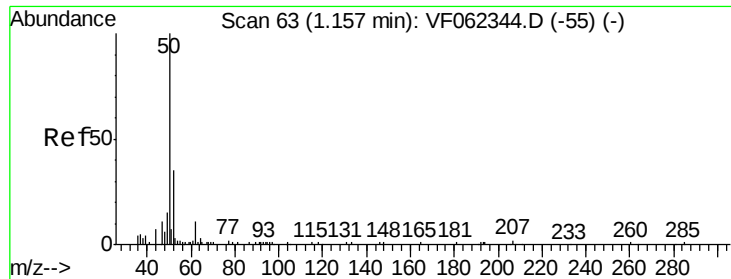
50

0

1.00 1.02 1.04 1.06

Time-->





#3

Chloromethane

Concen: 92.549 ug/l

RT: 1.18 min Scan# 65

Delta R.T. 0.02 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

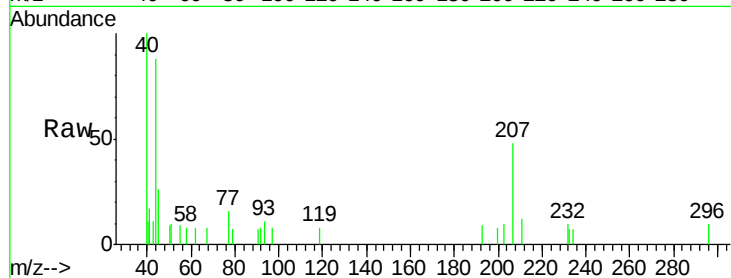
FK-0D015-03-003

Tot Ion: 50 Resp: 77

Ion Ratio Lower Upper

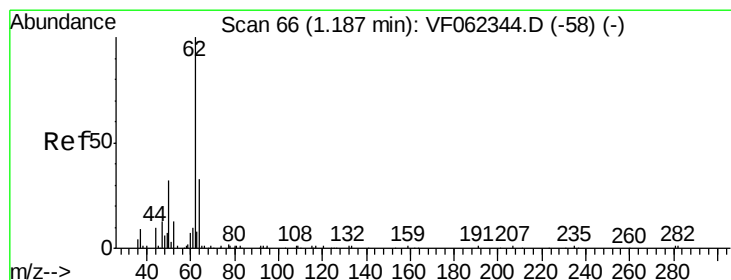
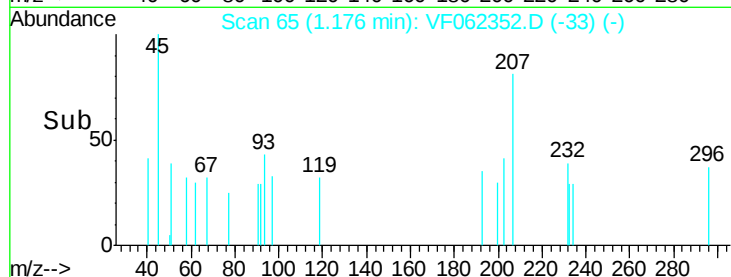
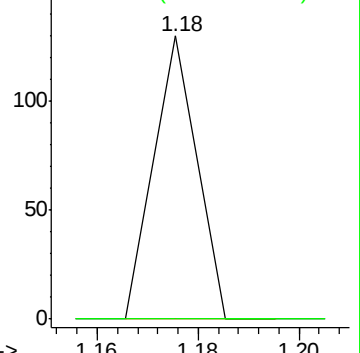
50 100

52 0.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 78.325 ug/l

RT: 1.18 min Scan# 65

Delta R.T. -0.01 min

Lab File: VF062352.D

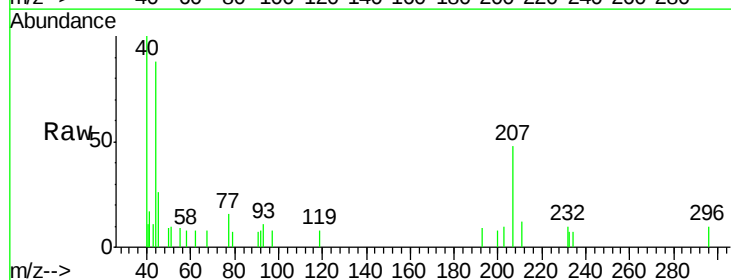
Acq: 7 May 2019 12:45

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

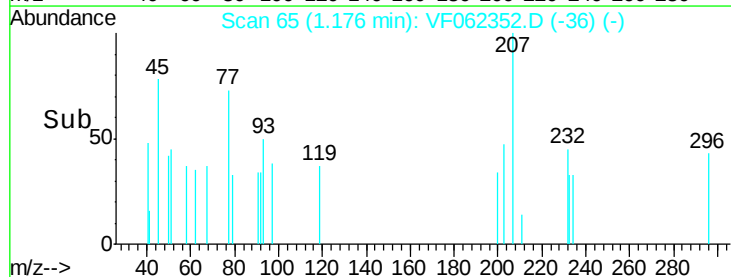
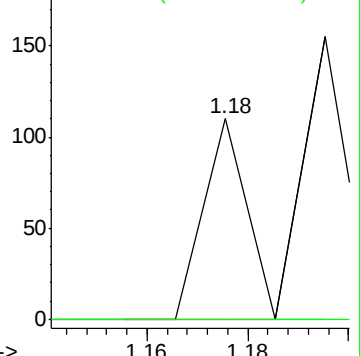
62 100

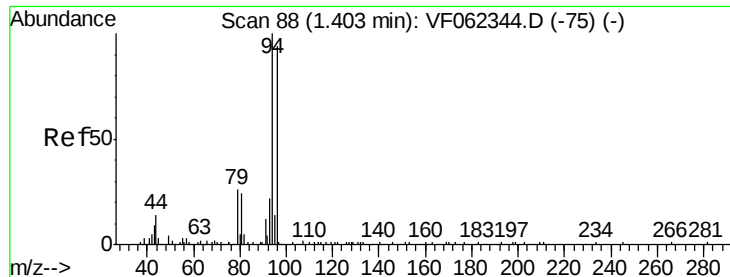
64 0.0 26.1 39.1#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 118.417 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.04 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

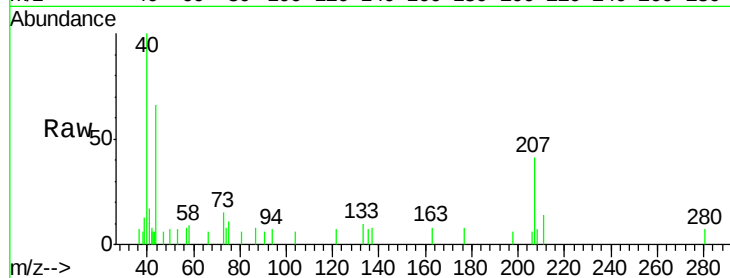
FK-0D015-03-003

Tot Ion: 94 Resp: 72

Ion Ratio Lower Upper

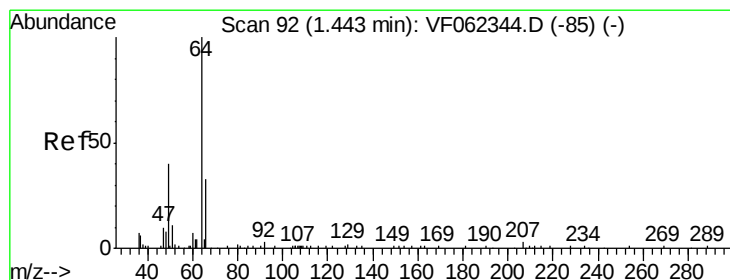
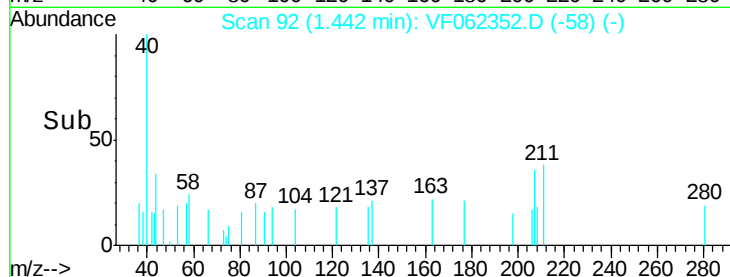
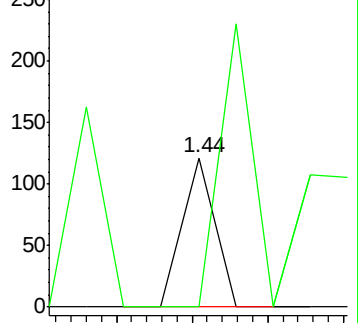
94 100

96 0.0 75.4 113.2#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 165.379 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.04 min

Lab File: VF062352.D

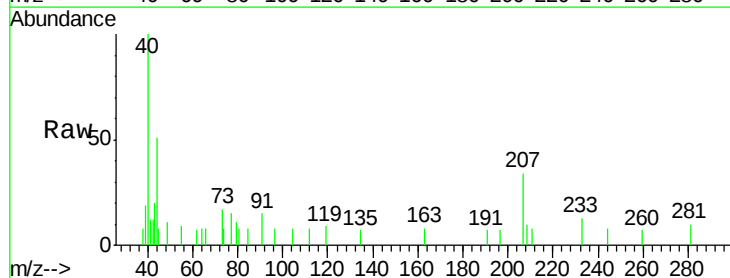
Acq: 7 May 2019 12:45

Tgt Ion: 64 Resp: 69

Ion Ratio Lower Upper

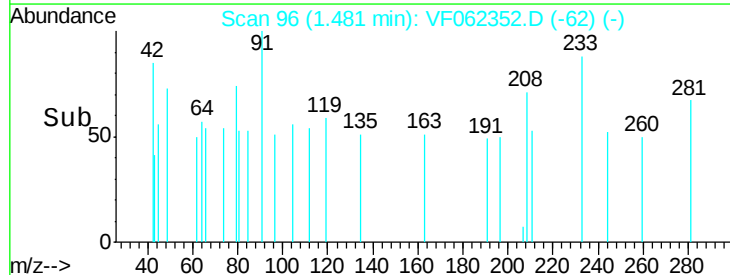
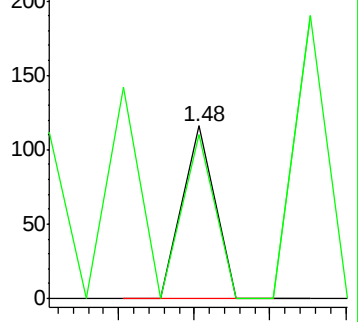
64 100

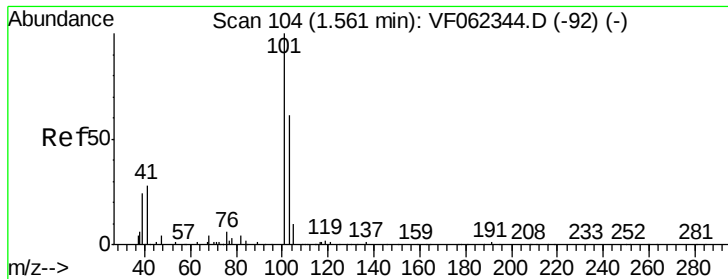
66 94.8 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



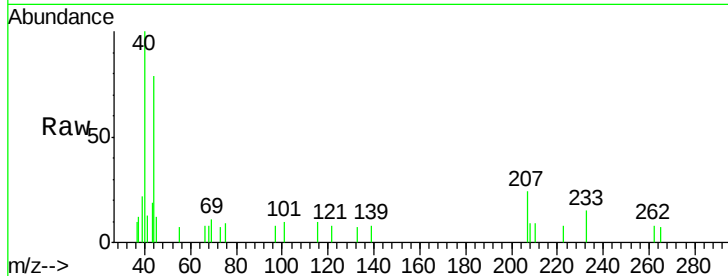


#7

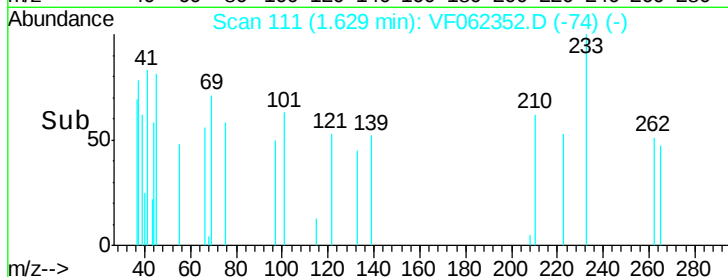
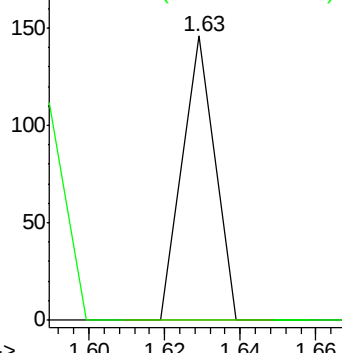
Trichlorofluoromethane
Concen: 49.947 ug/l
RT: 1.63 min Scan# 111
Delta R.T. 0.07 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

Tot Ion:101 Resp: 86
Ion Ratio Lower Upper
101 100
103 0.0 48.5 72.7#



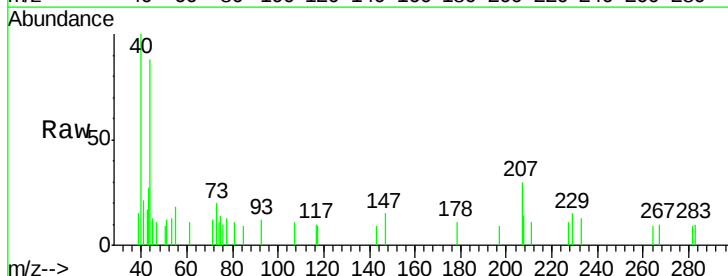
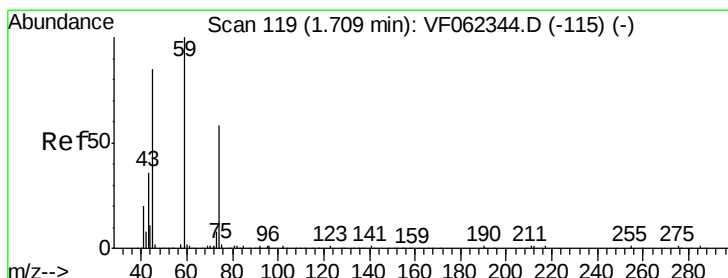
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



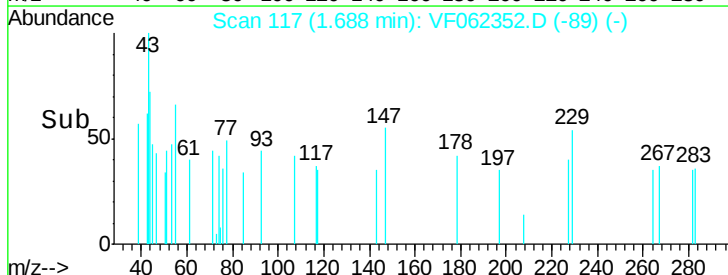
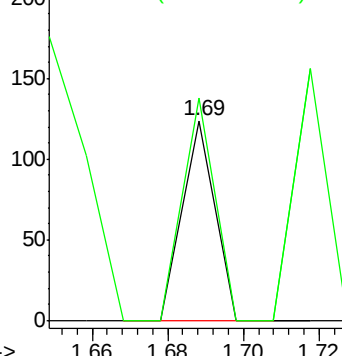
#8

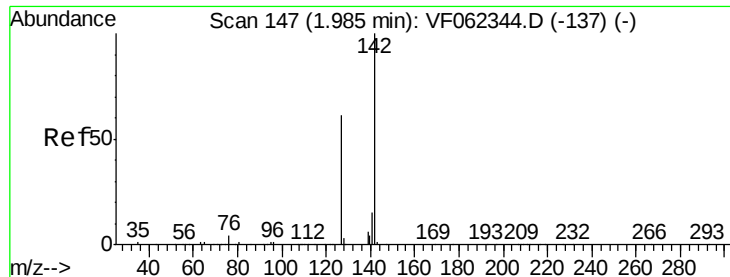
Diethyl Ether
Concen: 280.197 ug/l
RT: 1.69 min Scan# 117
Delta R.T. -0.02 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion: 74 Resp: 73
Ion Ratio Lower Upper
74 100
45 112.3 73.9 221.6



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

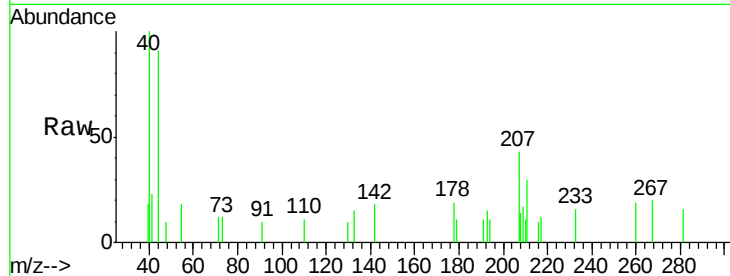




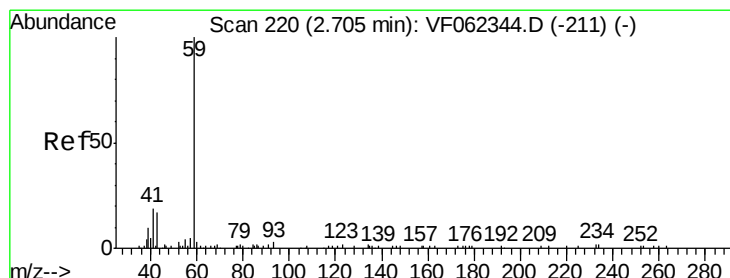
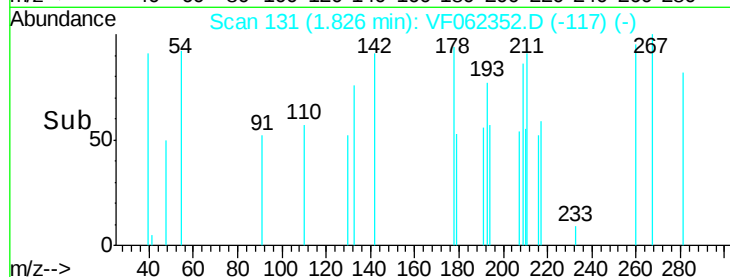
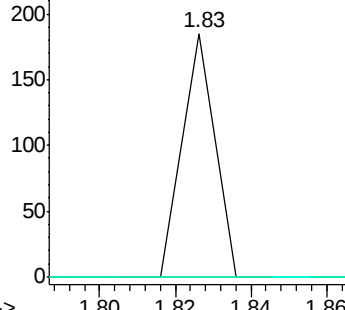
#10
Methyl Iodide
Concen: 67.286 ug/l
RT: 1.83 min Scan# 131
Delta R.T. -0.16 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

Tot Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 48.4 72.6#
141 0.0 12.2 18.4#

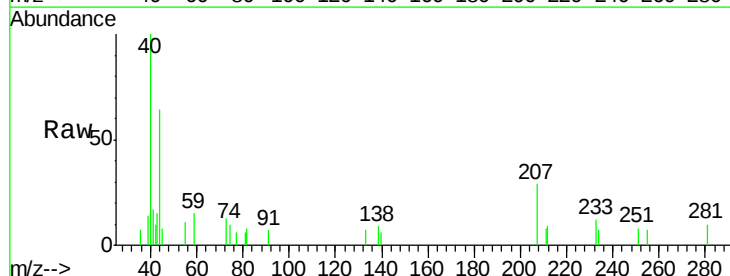


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

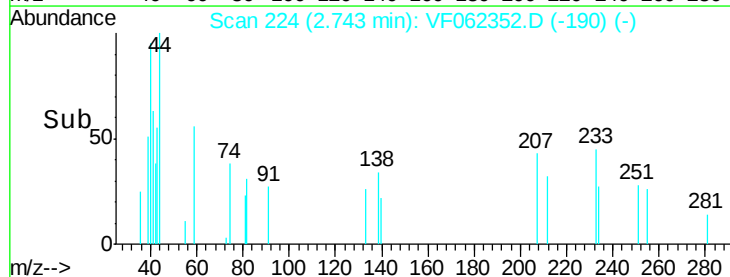
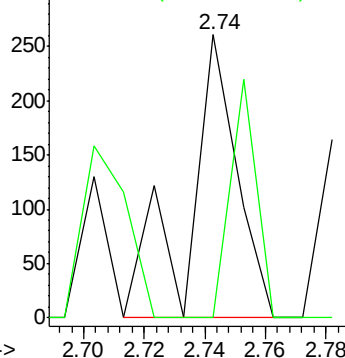


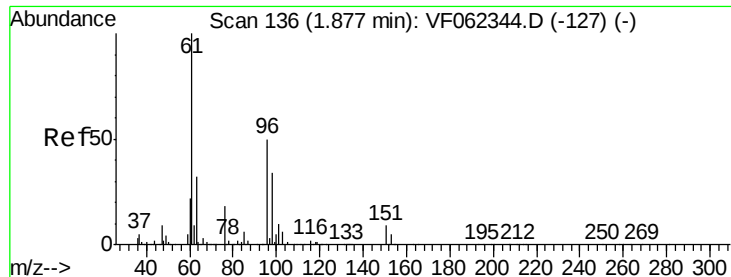
#11
Tert butyl alcohol
Concen: 4929.739 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.04 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 45.3 9.3 13.9#



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





#12

1,1-Dichloroethene

Concen: 72.993 ug/l

RT: 1.90 min Scan# 138

Delta R.T. 0.02 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

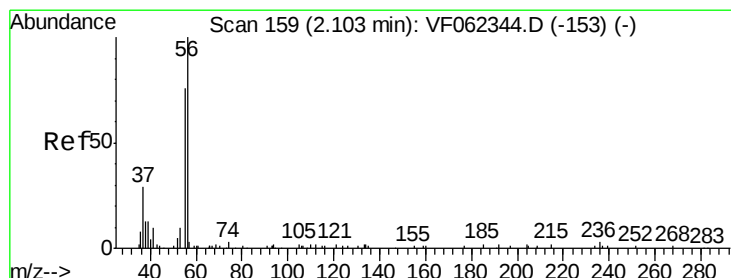
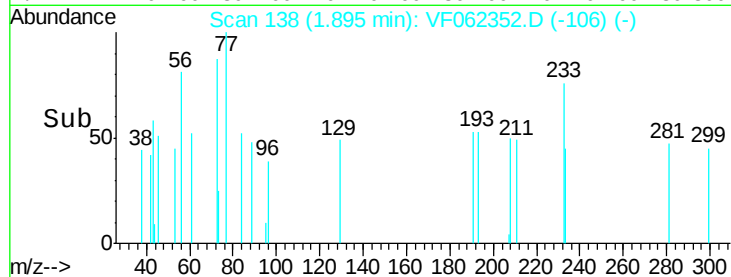
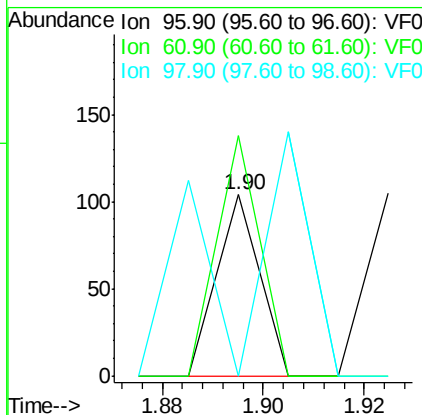
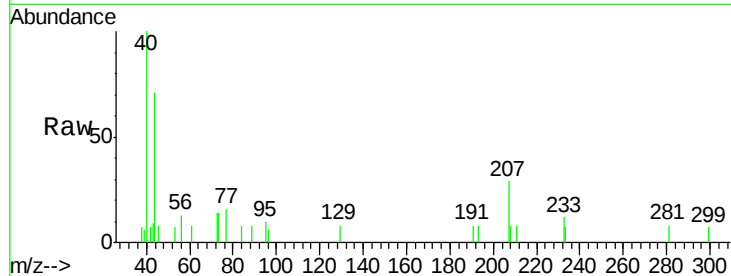
Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

Tot Ion:	96	Resp:	61
Ion	Ratio	Lower	Upper
96	100		
61	132.7	163.2	244.8#
98	0.0	55.2	82.8#



#13

Acrolein

Concen: 1980.167 ug/l

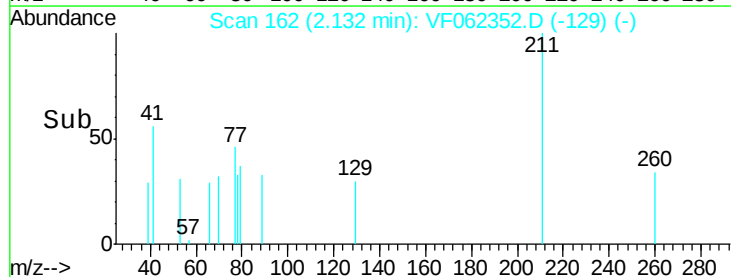
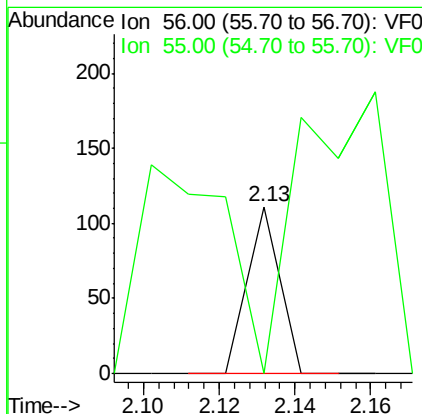
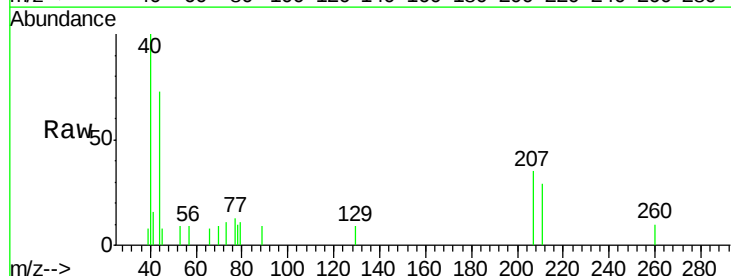
RT: 2.13 min Scan# 162

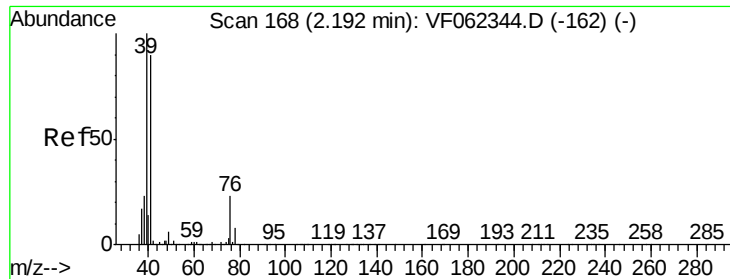
Delta R.T. 0.03 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Tgt Ion:	56	Resp:	66
Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#

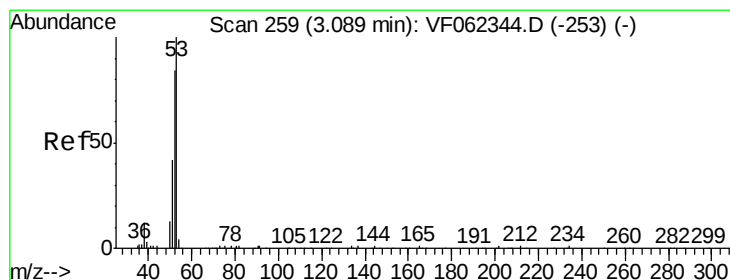
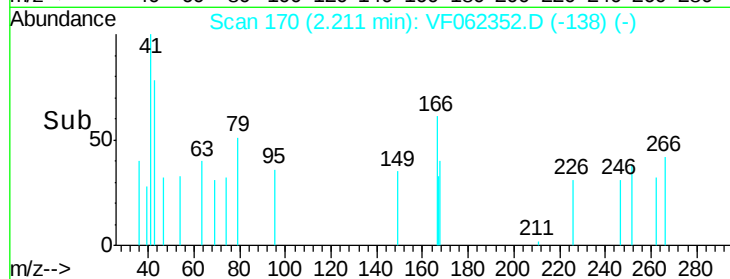
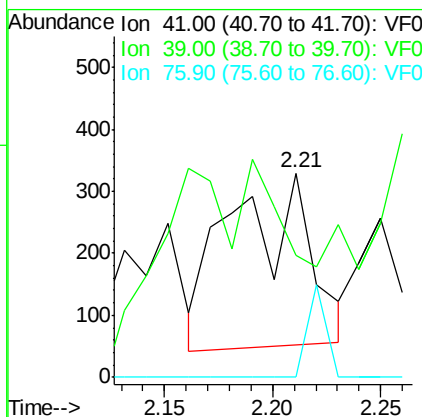
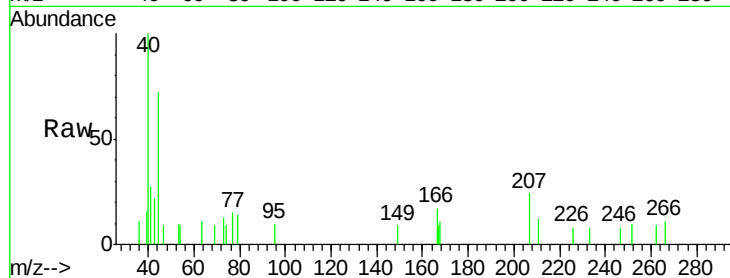




#14
Allvl chloride
Concen: 973.973 ug/l
RT: 2.21 min Scan# 170
Delta R.T. 0.02 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

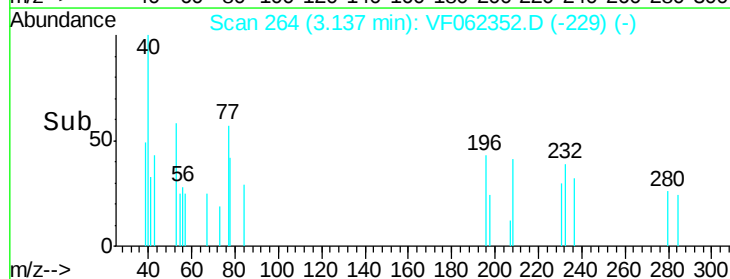
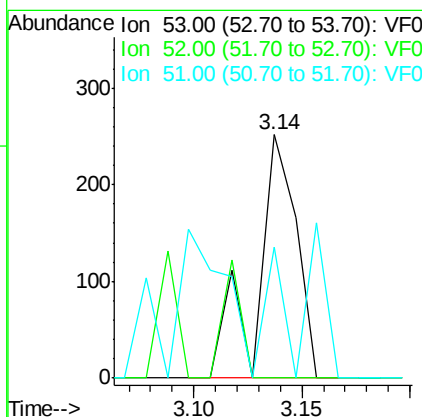
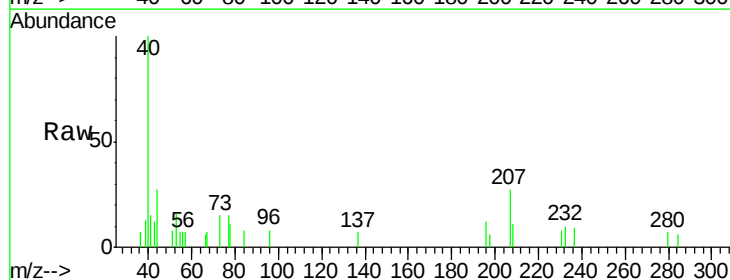
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

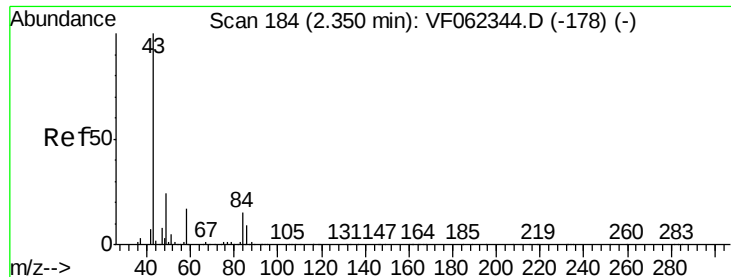
Tot Ion: 41 Resp: 719
Ion Ratio Lower Upper
41 100
39 0.0 90.8 136.2#
76 12.4 22.2 33.4#



#15
Acrylonitrile
Concen: 2838.225 ug/l
RT: 3.14 min Scan# 264
Delta R.T. 0.05 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion: 53 Resp: 313
Ion Ratio Lower Upper
53 100
52 23.0 77.2 115.8#
51 25.6 40.6 61.0#

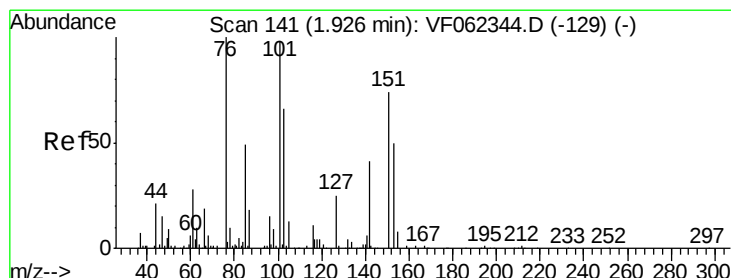
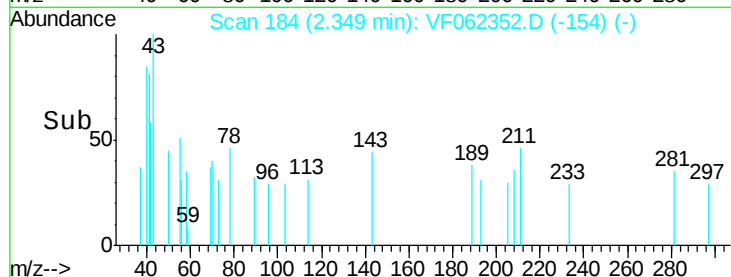
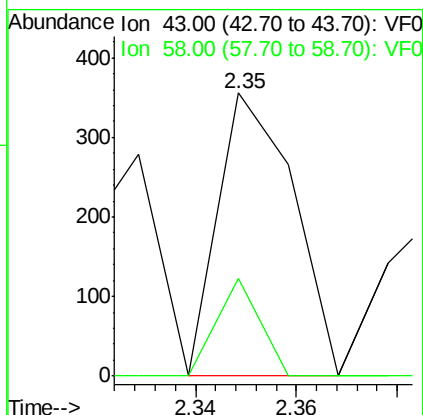
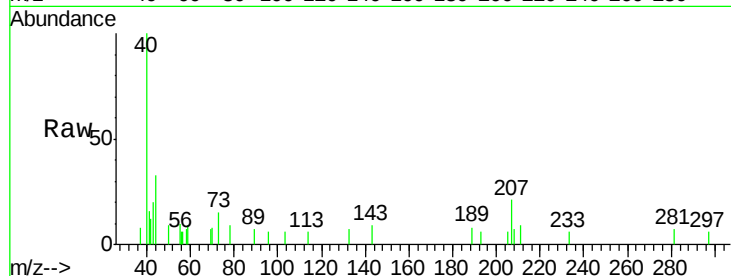




#16
Acetone
Concen: 1765.999 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

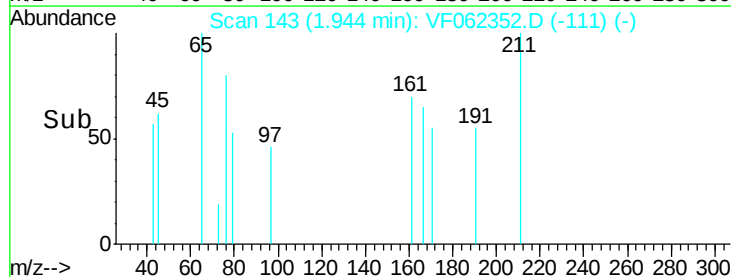
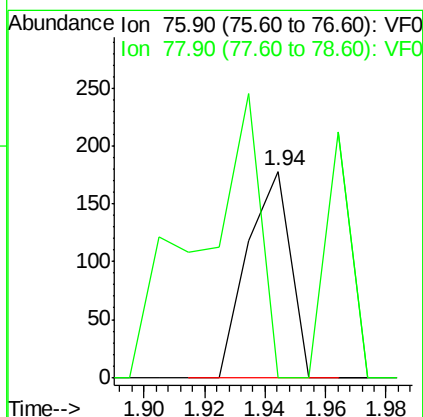
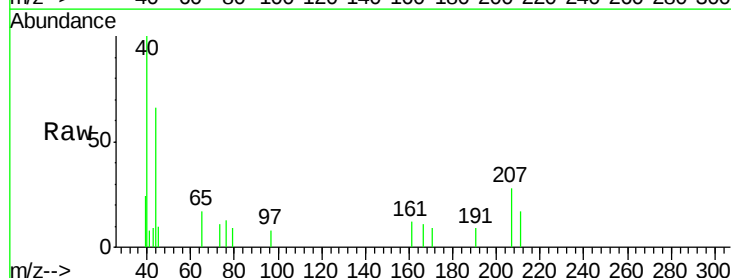
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

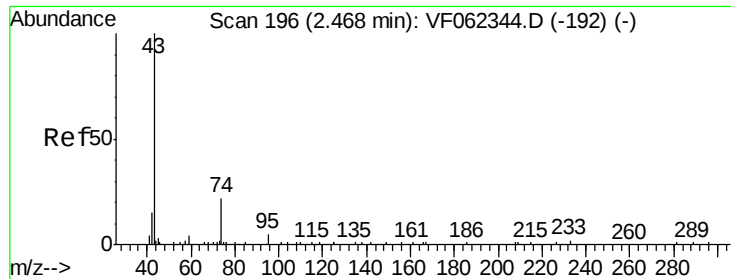
Tot Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
58 34.6 13.1 19.7#



#17
Carbon Disulfide
Concen: 96.039 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.02 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion: 76 Resp: 175
Ion Ratio Lower Upper
76 100
78 0.0 9.0 13.4#

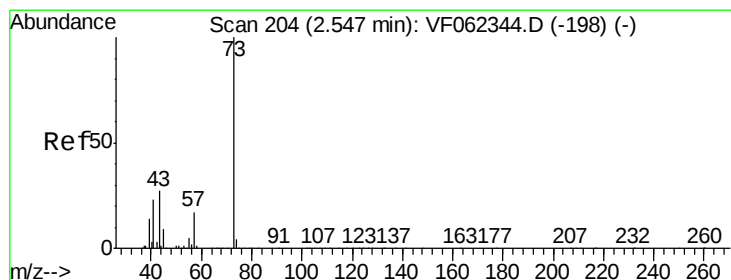
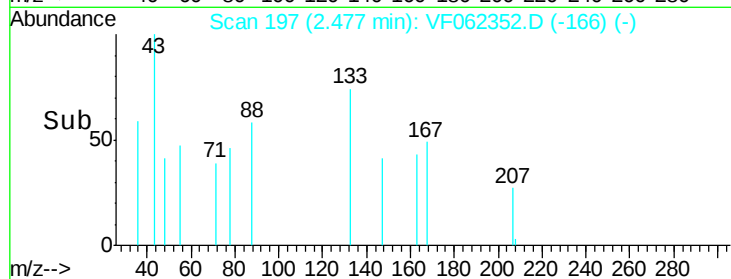
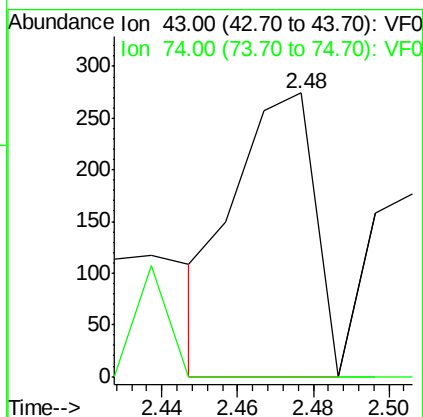
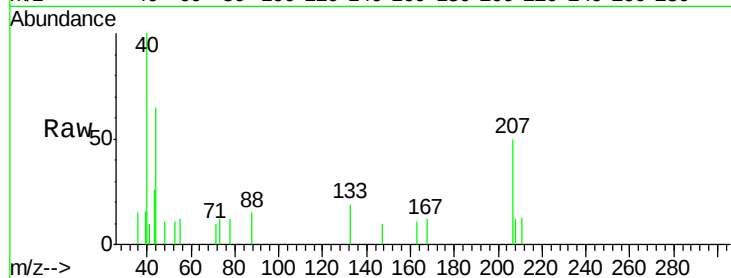




#18
Methyl Acetate
Concen: 1127.998 ug/l
RT: 2.48 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

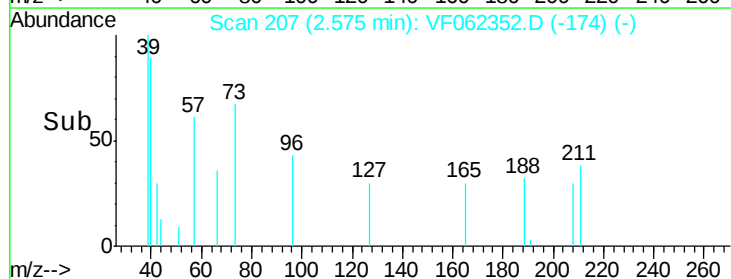
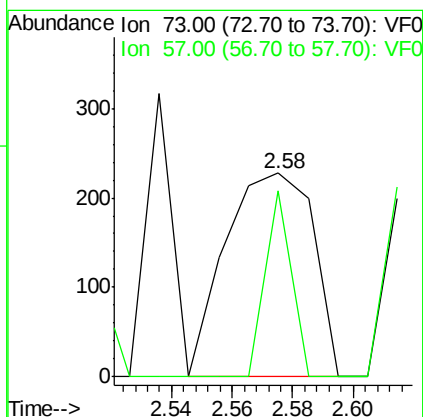
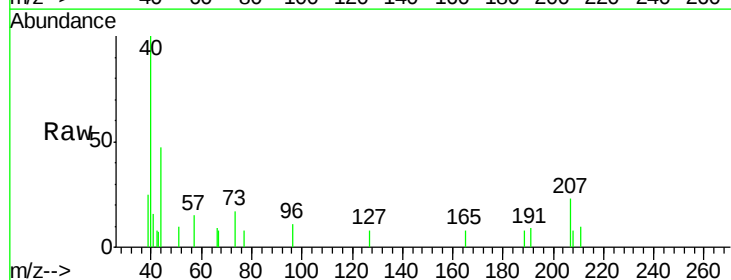
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

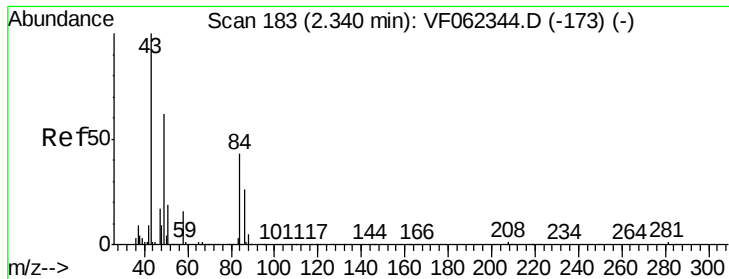
Tot Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 0.0 15.0 22.4#



#19
Methyl tert-butyl Ether
Concen: 265.495 ug/l
RT: 2.58 min Scan# 207
Delta R.T. 0.03 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion: 73 Resp: 458
Ion Ratio Lower Upper
73 100
57 91.2 13.7 20.5#

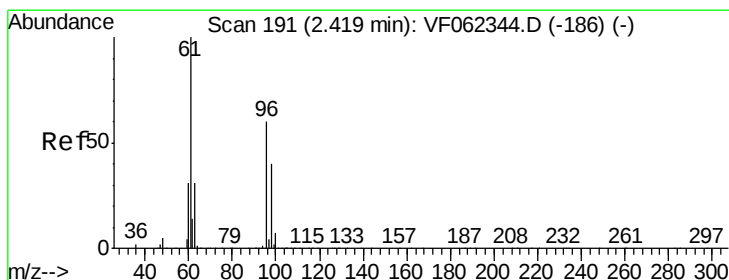
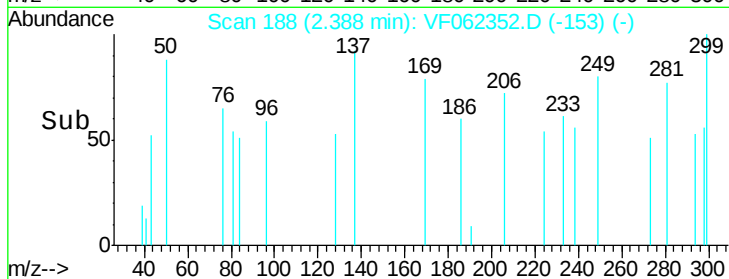
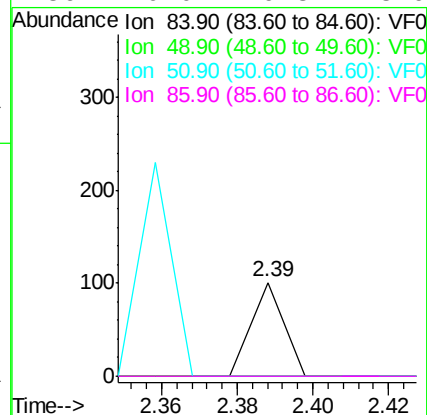
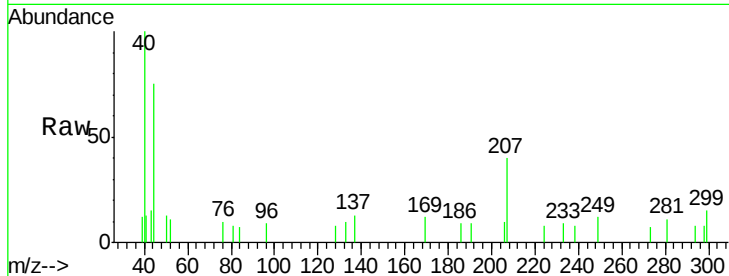




#20
Methvlene Chloride
Concen: 79.584 ug/l
RT: 2.39 min Scan# 188
Delta R.T. 0.05 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

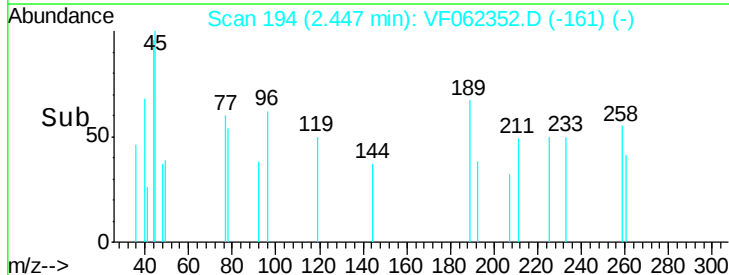
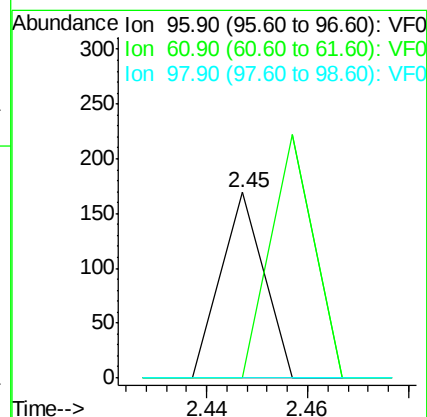
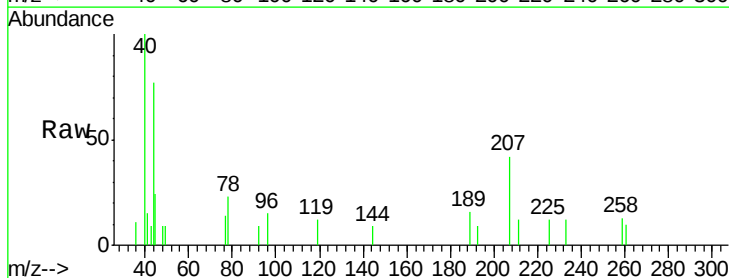
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

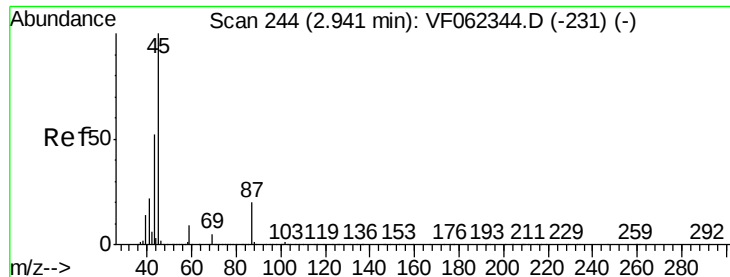
Tot Ion:	84	Resp:	60
Ion	Ratio	Lower	Upper
84	100		
49	0.0	117.5	176.3#
51	0.0	37.0	55.4#
86	0.0	49.3	73.9#



#21
trans-1,2-Dichloroethene
Concen: 125.595 ug/l
RT: 2.45 min Scan# 194
Delta R.T. 0.03 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion:	96	Resp:	100
Ion	Ratio	Lower	Upper
96	100		
61	0.0	133.2	199.8#
98	0.0	53.1	79.7#





#22

Diisopropyl ether

Concen: 32.507 ug/l

RT: 2.98 min Scan# 248

Delta R.T. 0.04 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

Tot Ion: 45 Resp: 75

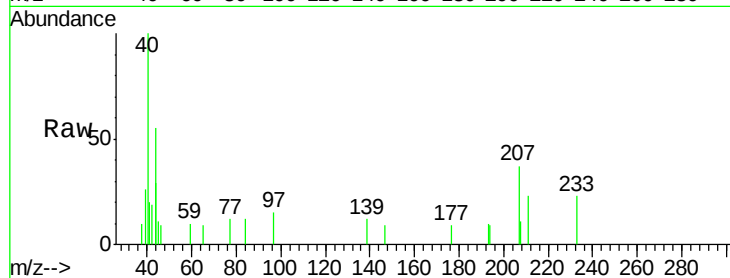
Ion Ratio Lower Upper

45 100

43 142.5 41.4 62.0#

87 0.0 15.8 23.6#

59 90.6 7.2 10.8#

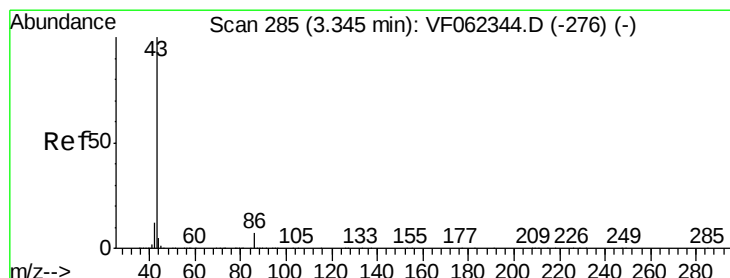
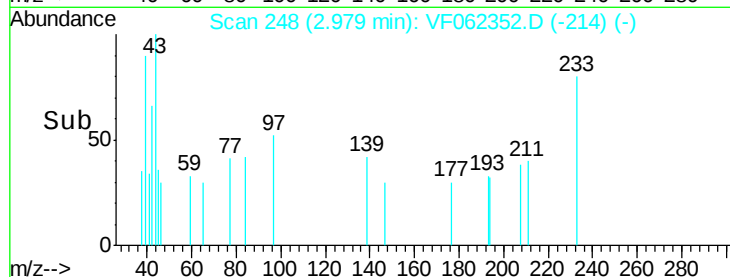
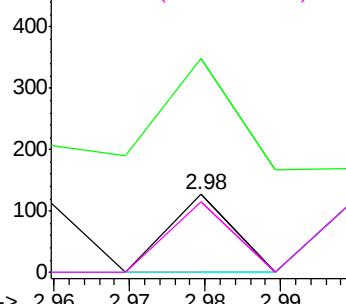


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 85.578 ug/l

RT: 3.36 min Scan# 287

Delta R.T. 0.02 min

Lab File: VF062352.D

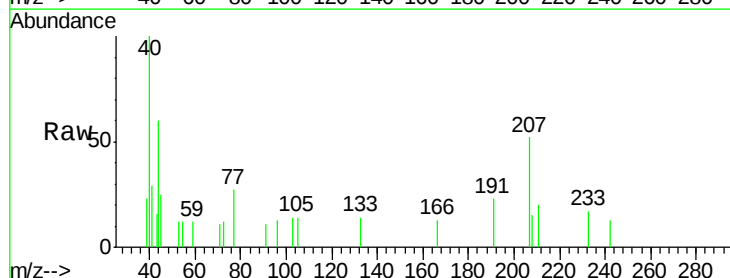
Acq: 7 May 2019 12:45

Tgt Ion: 43 Resp: 88

Ion Ratio Lower Upper

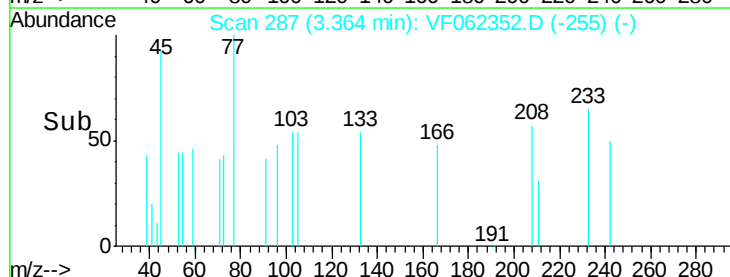
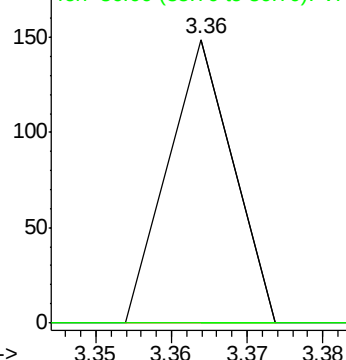
43 100

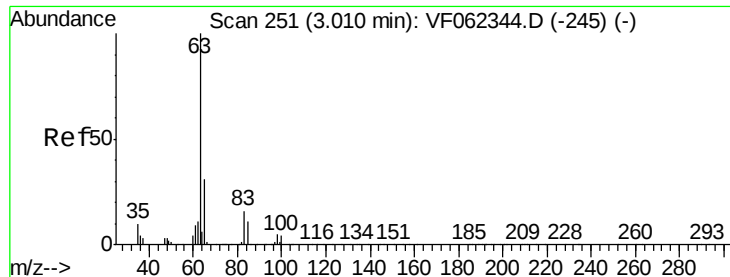
86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 50.199 ug/l

RT: 3.00 min Scan# 250

Delta R.T. -0.01 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

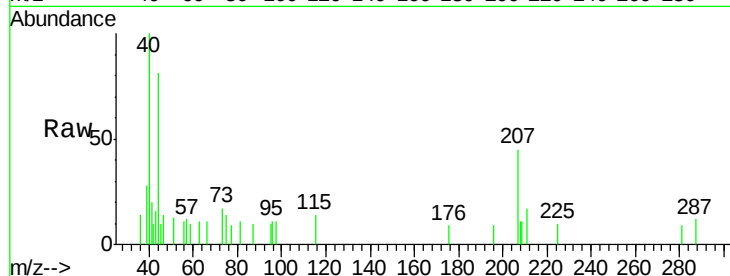
Tot Ion: 63 Resp: 70

Ion Ratio Lower Upper

63 100

98 0.0 2.6 8.0#

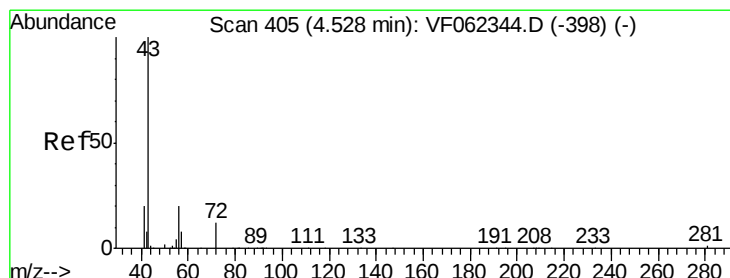
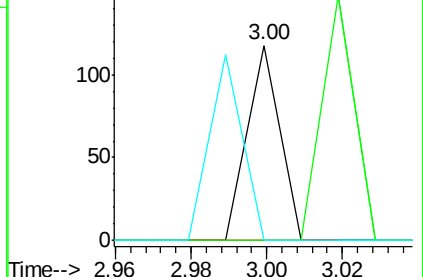
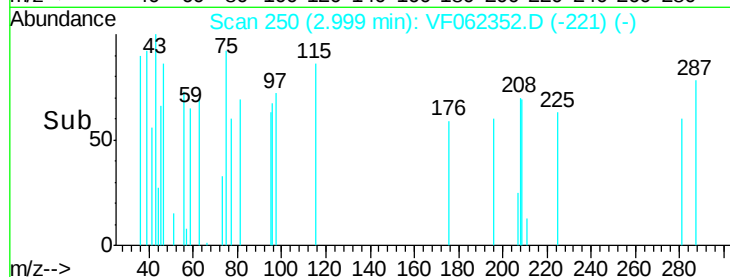
100 0.0 1.8 5.4#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Ion 99.90 (99.60 to 100.60): VF0



#25

2-Butanone

Concen: 737.220 ug/l

RT: 4.56 min Scan# 408

Delta R.T. 0.03 min

Lab File: VF062352.D

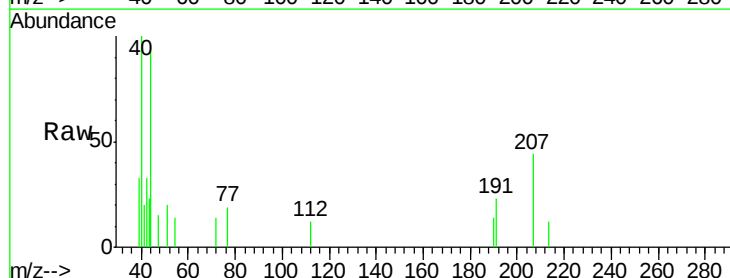
Acq: 7 May 2019 12:45

Tgt Ion: 43 Resp: 193

Ion Ratio Lower Upper

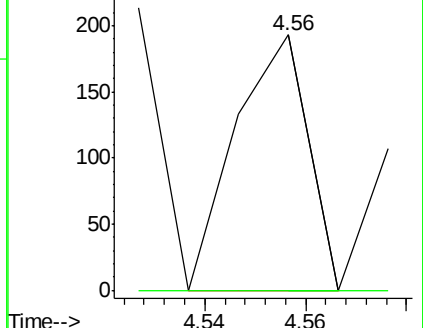
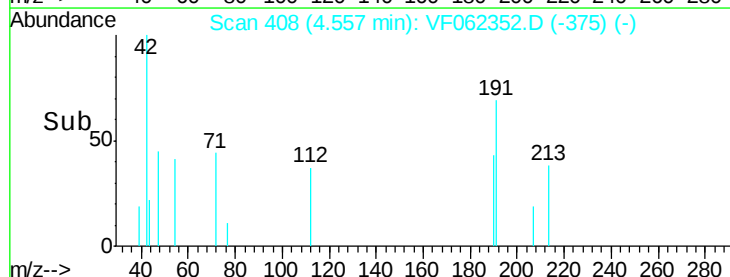
43 100

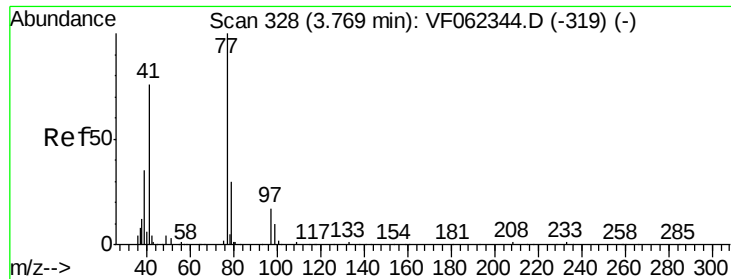
72 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 436.615 ug/l

RT: 3.69 min Scan# 320

Delta R.T. -0.08 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

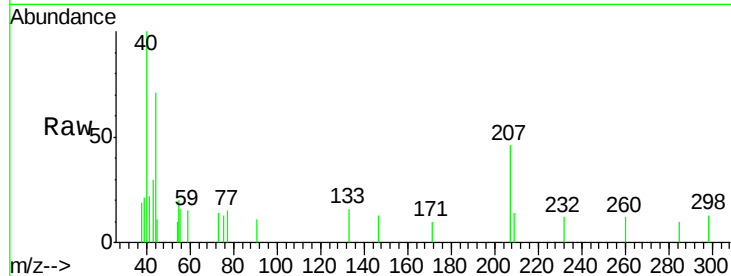
FK-0D015-03-003

Tot Ion: 77 Resp: 340

Ion Ratio Lower Upper

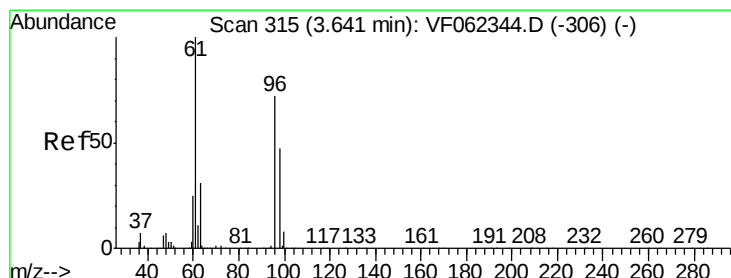
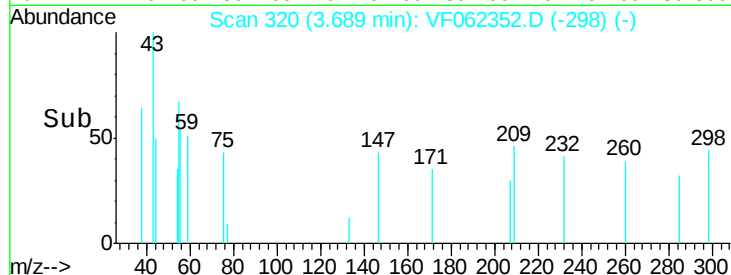
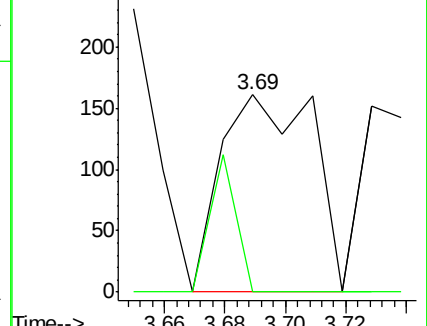
77 100

97 19.4 9.5 28.5



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0



#27

cis-1,2-Dichloroethene

Concen: 150.713 ug/l

RT: 3.73 min Scan# 324

Delta R.T. 0.09 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

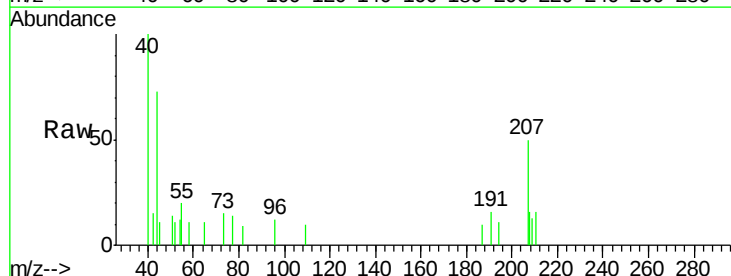
Tgt Ion: 96 Resp: 150

Ion Ratio Lower Upper

96 100

61 40.0 0.0 263.0

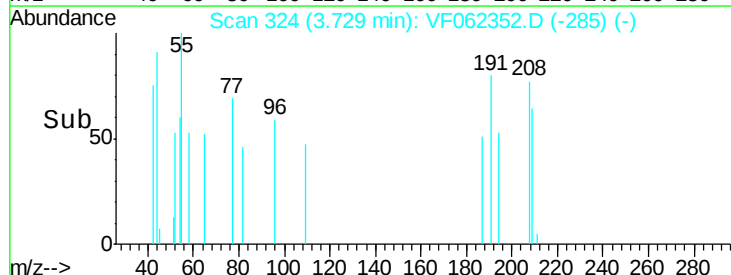
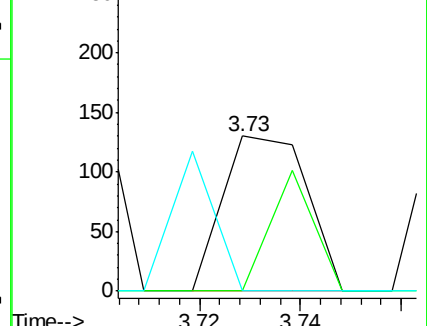
98 46.7 0.0 130.8

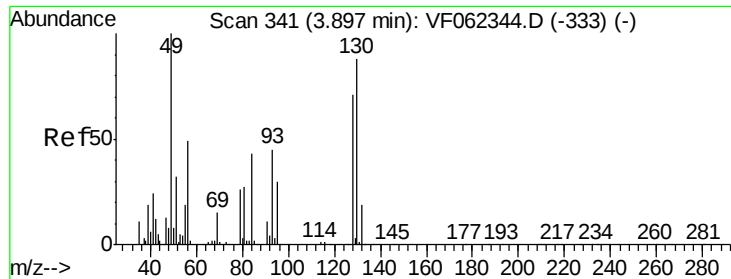


Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#28

Bromochloromethane

Concen: 102.782 ug/l

RT: 3.93 min Scan# 344

Delta R.T. 0.03 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

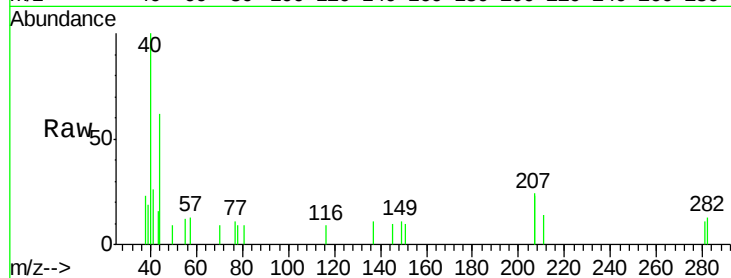
Tot Ion: 49 Resp: 65

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

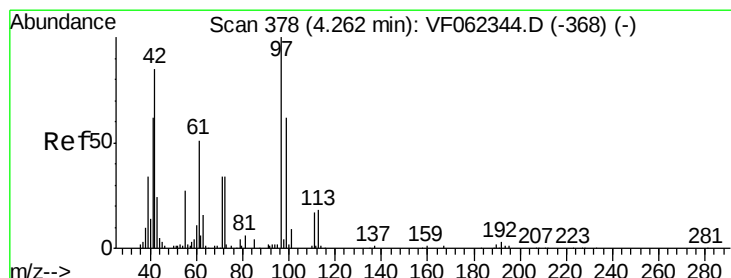
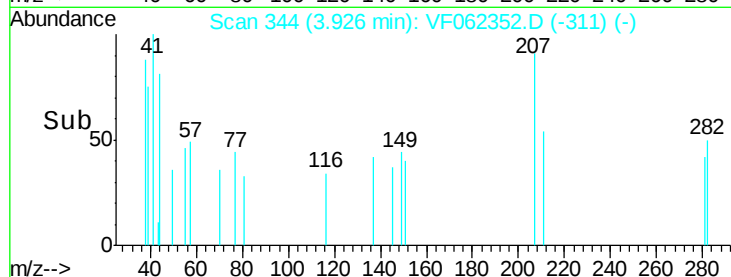
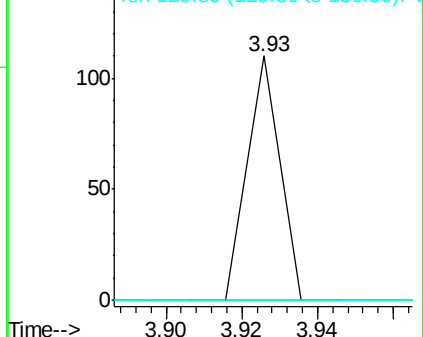
130 0.0 79.4 119.0#



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: 1928.198 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.00 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

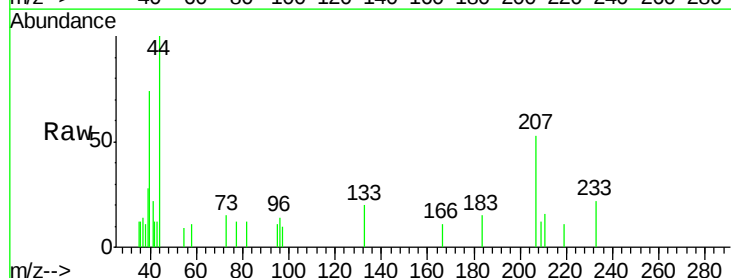
Tgt Ion: 42 Resp: 232

Ion Ratio Lower Upper

42 100

72 32.3 31.4 47.0

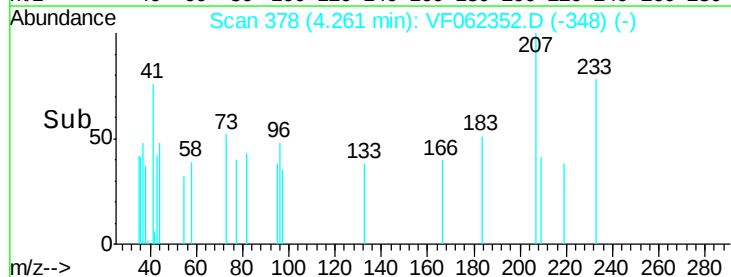
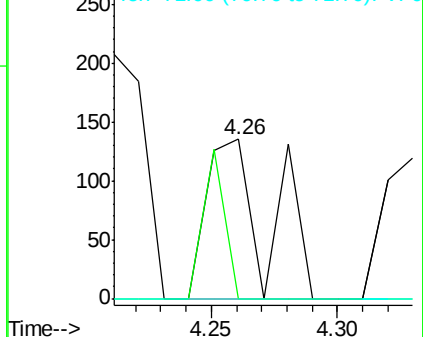
71 0.0 31.7 47.5#

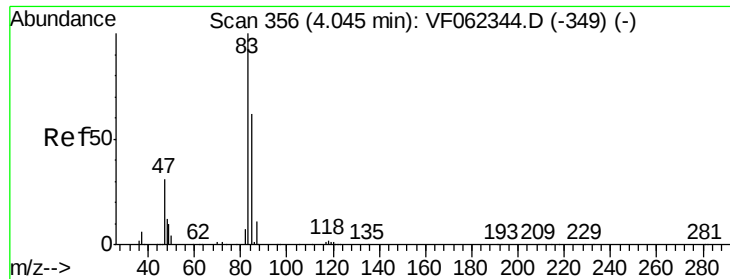


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

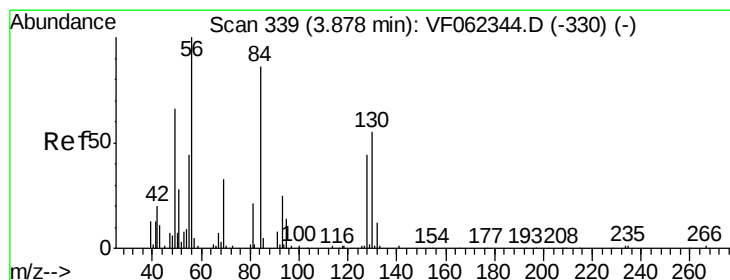
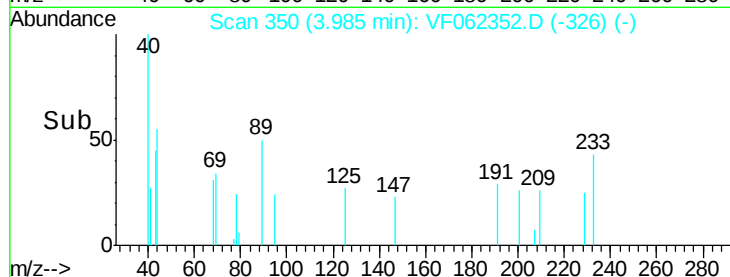
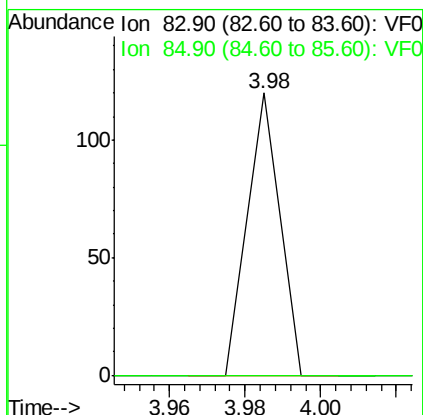
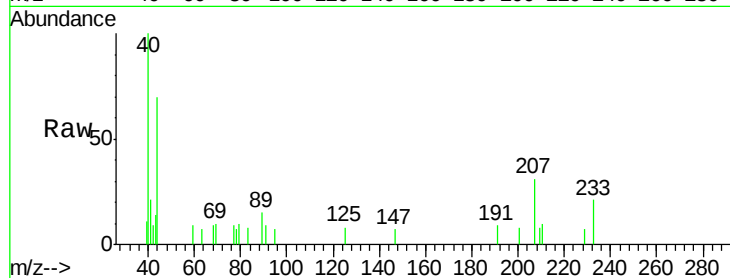




#30
Chloroform
Concen: 37.688 ug/l
RT: 3.98 min Scan# 350
Delta R.T. -0.06 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

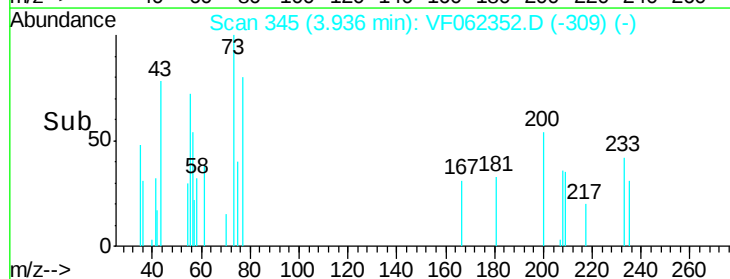
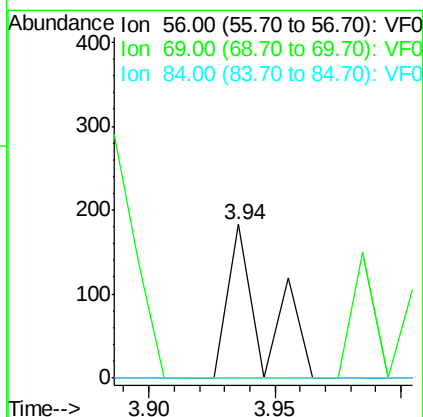
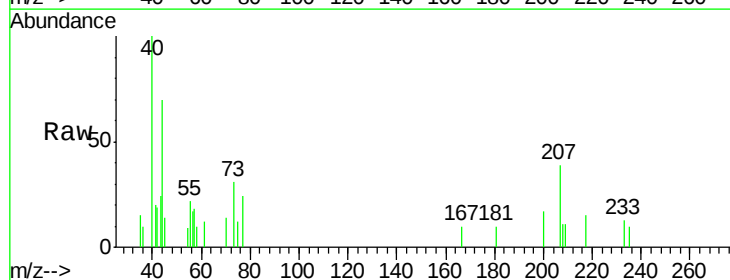
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

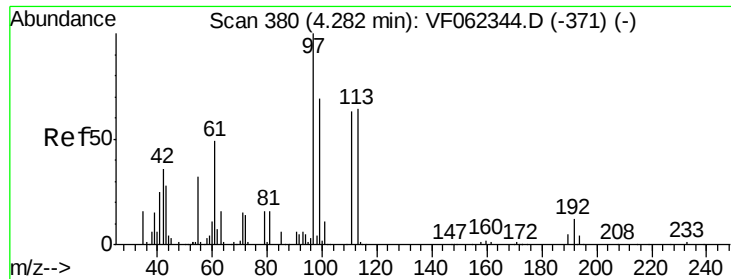
Tot Ion: 83 Resp: 71
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#



#31
Cyclohexane
Concen: 160.825 ug/l
RT: 3.94 min Scan# 345
Delta R.T. 0.06 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
69 0.0 26.4 39.6#
84 0.0 69.0 103.6#





#32

1,1,1-Trichloroethane

Concen: 42.116 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

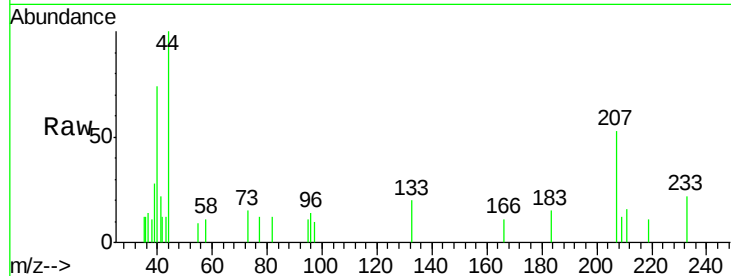
Tot Ion: 97 Resp: 68

Ion Ratio Lower Upper

97 100

99 0.0 52.6 78.8#

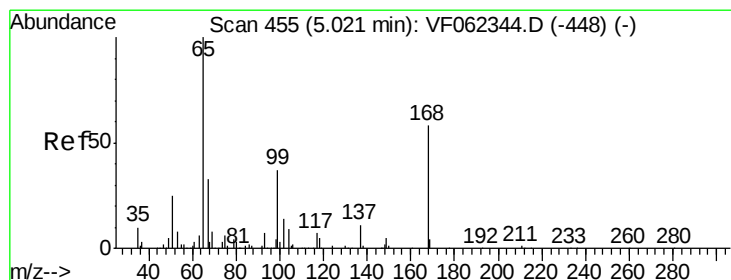
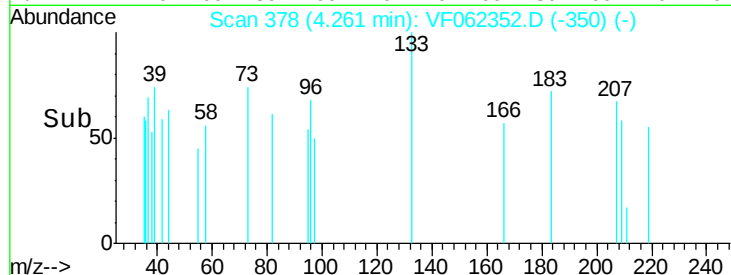
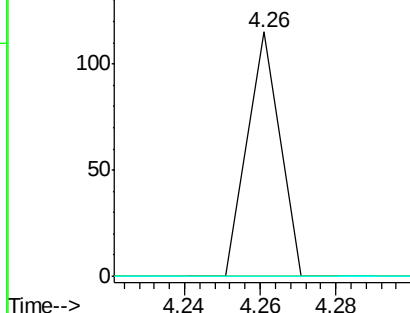
61 0.0 39.4 59.0#



Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 105.815 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062352.D

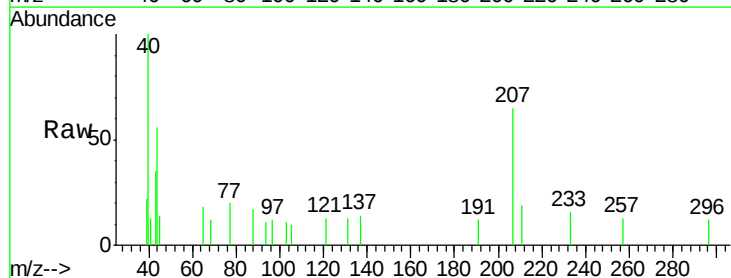
Acq: 7 May 2019 12:45

Tgt Ion: 65 Resp: 109

Ion Ratio Lower Upper

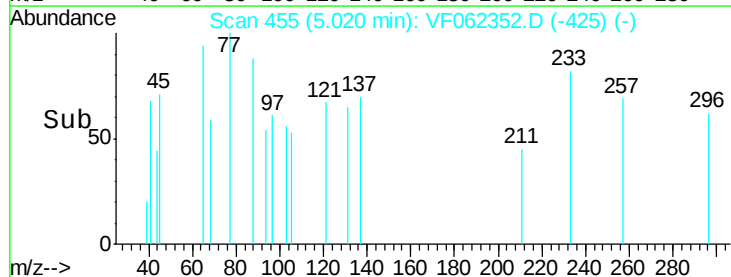
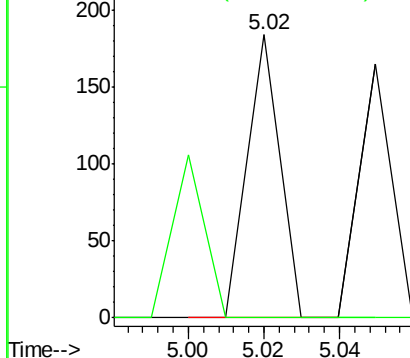
65 100

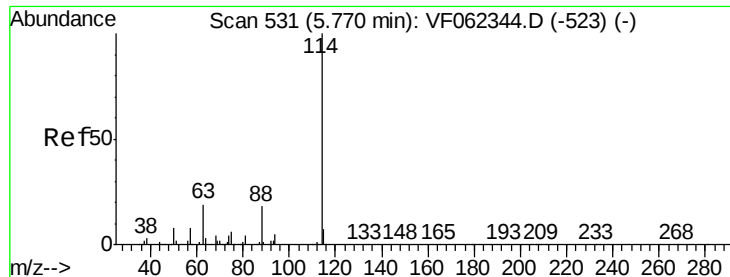
67 57.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.91 min Scan# 545

Delta R.T. 0.14 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

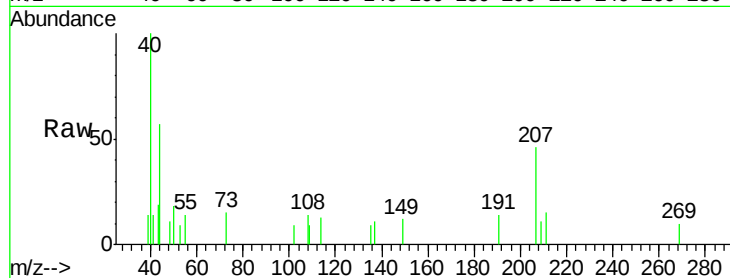
Instrument :

MSVOA_F

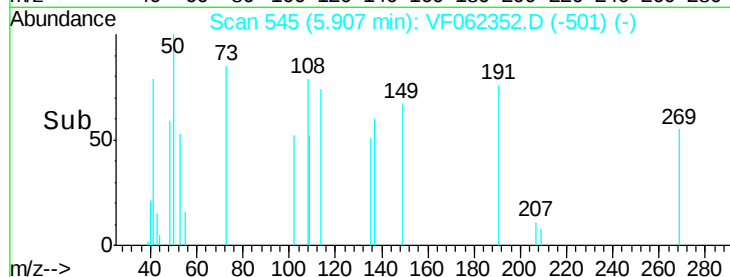
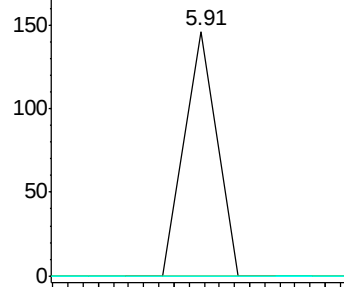
ClientSampleId :

FK-0D015-03-003

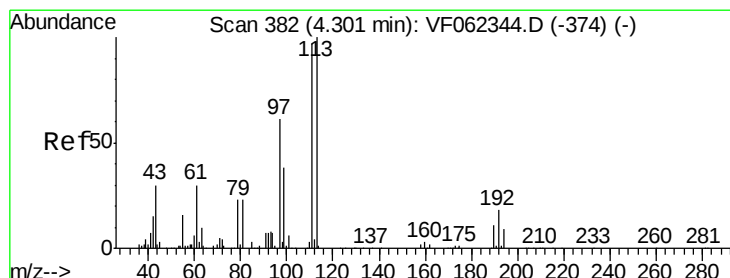
Tot Ion:	114	Resp:	86
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	37.4
88	0.0	0.0	36.4



Abundance Ion 113.90 (113.60 to 114.60): V



Time-->



#35

Dibromofluoromethane

Concen: 144.494 ug/l

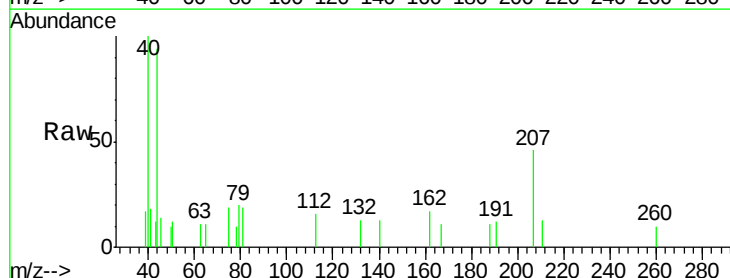
RT: 4.17 min Scan# 369

Delta R.T. -0.13 min

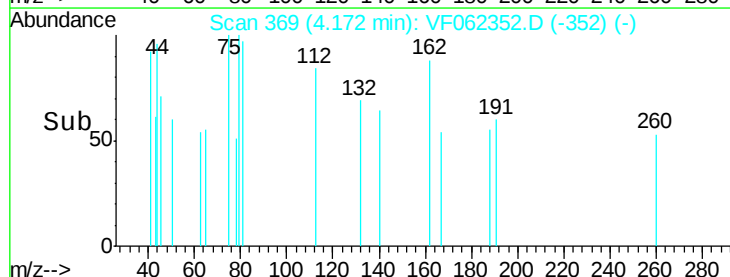
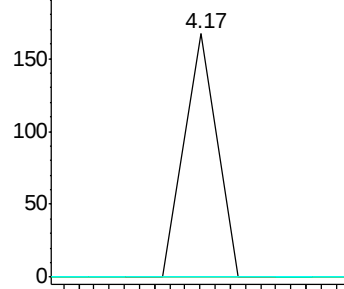
Lab File: VF062352.D

Acq: 7 May 2019 12:45

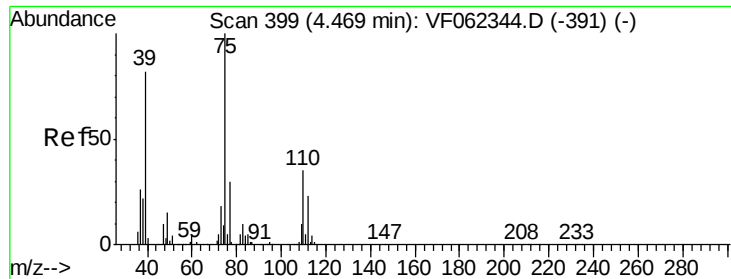
Tgt Ion:	113	Resp:	99
Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.4	119.0#
192	0.0	16.0	24.0#



Abundance Ion 112.80 (112.50 to 113.50): V



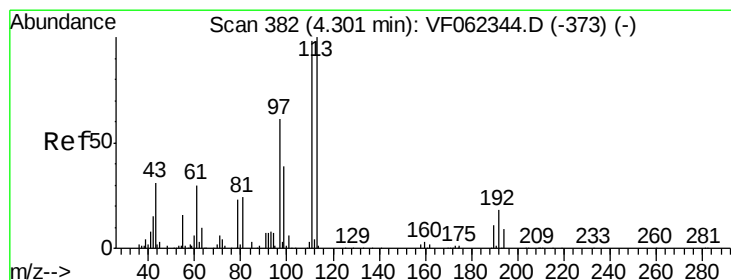
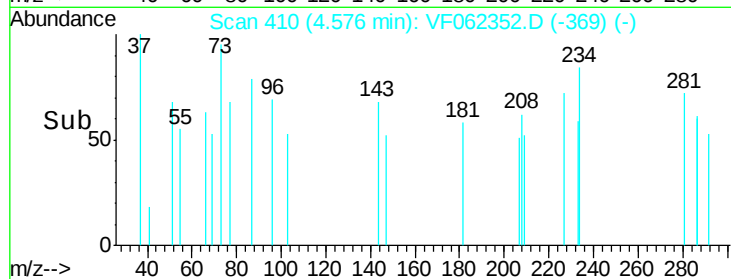
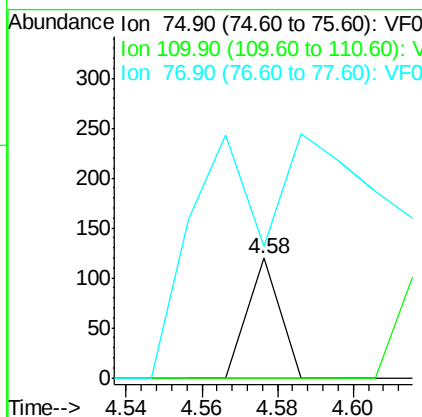
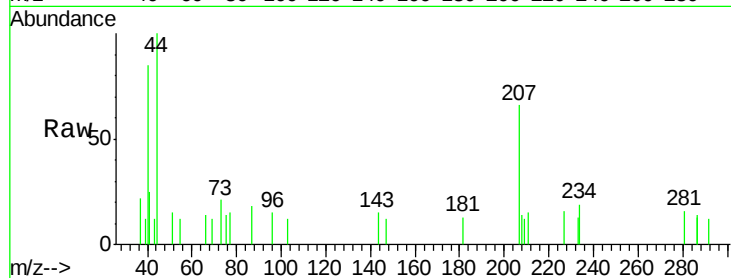
Time-->



#36
 1,1-Dichloropropene
 Concen: 96.106 ug/l
 RT: 4.58 min Scan# 410
 Delta R.T. 0.11 min
 Lab File: VF062352.D
 Acq: 7 May 2019 12:45

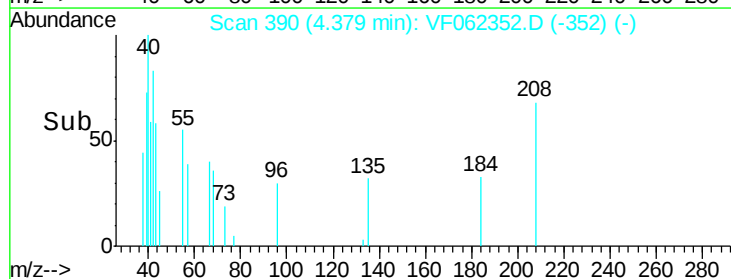
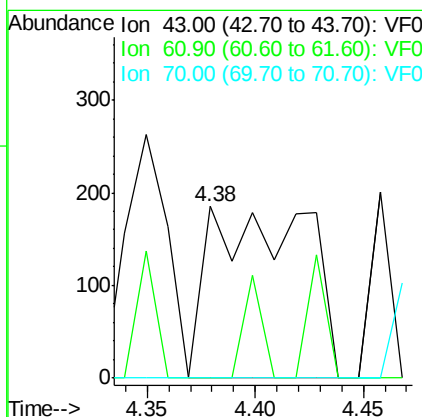
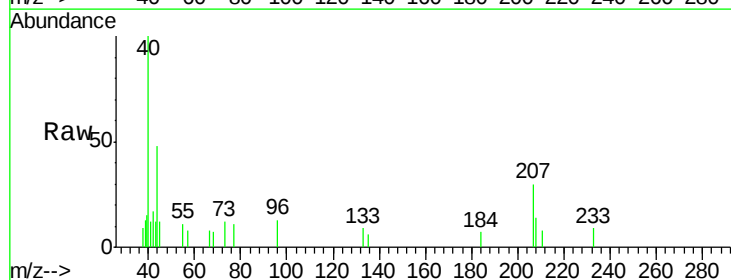
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-0D015-03-003

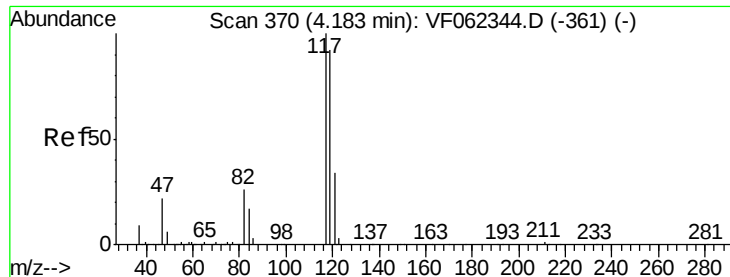
Tot Ion: 75 Resp: 71
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.2 51.5#
 77 443.7 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 2228.283 ug/l
 RT: 4.38 min Scan# 390
 Delta R.T. 0.08 min
 Lab File: VF062352.D
 Acq: 7 May 2019 12:45

Tgt Ion: 43 Resp: 575
 Ion Ratio Lower Upper
 43 100
 61 11.5 0.0 0.0#
 70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 81.348 ug/l

RT: 4.43 min Scan# 395

Delta R.T. 0.25 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

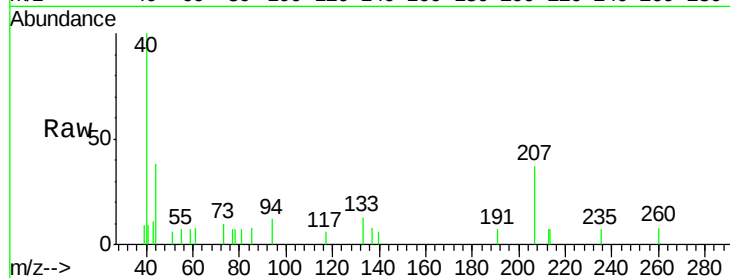
Tot Ion:117 Resp: 61

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

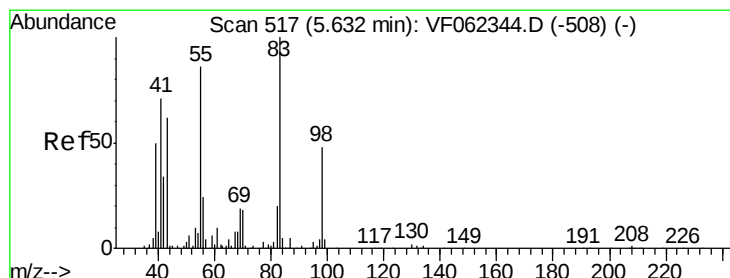
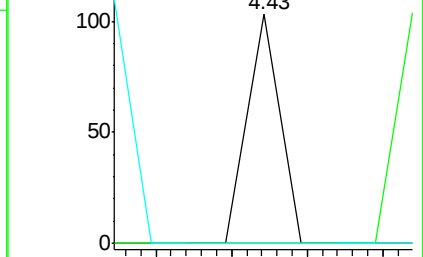
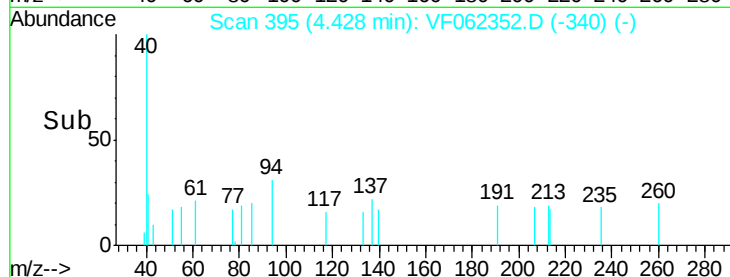
121 0.0 27.4 41.0#



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: 80.980 ug/l

RT: 5.89 min Scan# 543

Delta R.T. 0.26 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

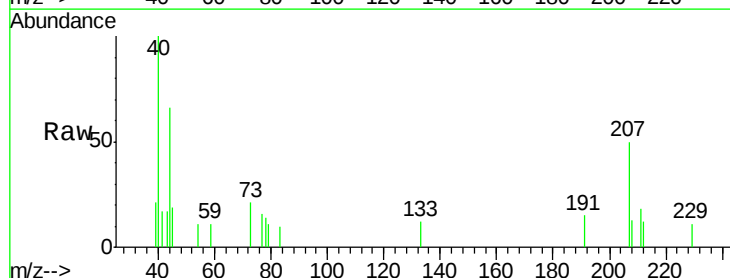
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.6#

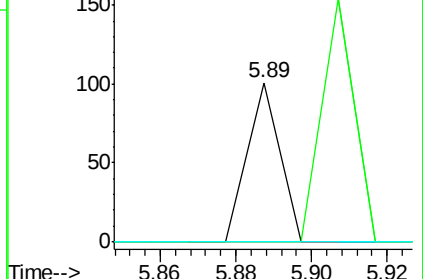
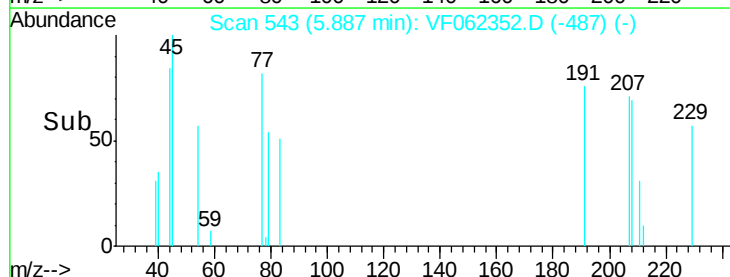
98 0.0 38.6 58.0#

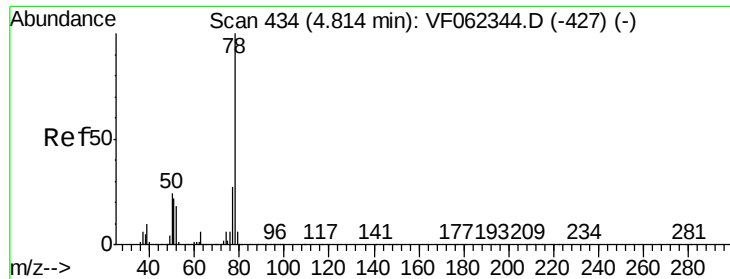


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 55.323 ug/l

RT: 4.91 min Scan# 444

Delta R.T. 0.10 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

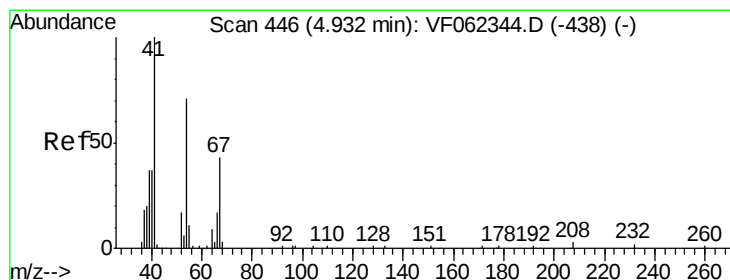
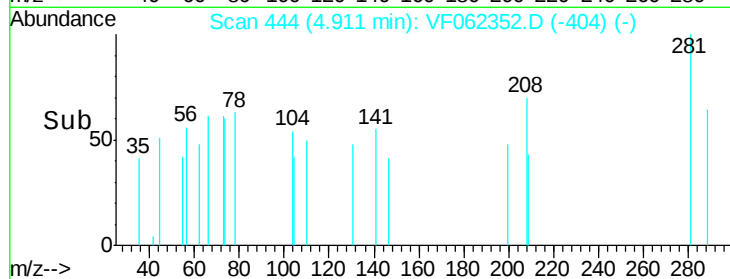
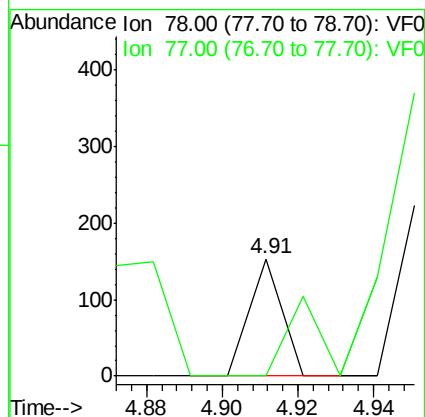
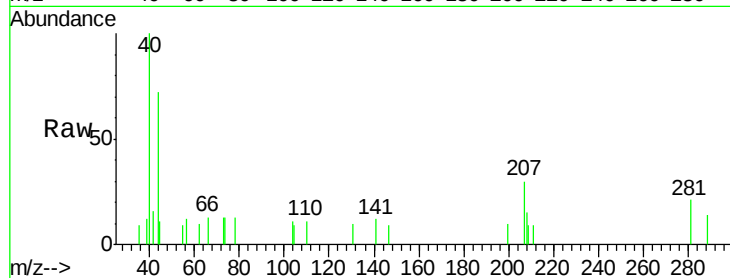
FK-0D015-03-003

Tot Ion: 78 Resp: 90

Ion Ratio Lower Upper

78 100

77 0.0 21.6 32.4#



#41

Methacrylonitrile

Concen: 1383.066 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.13 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Tgt Ion: 41 Resp: 245

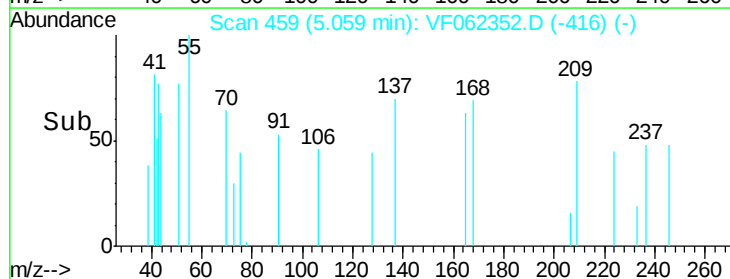
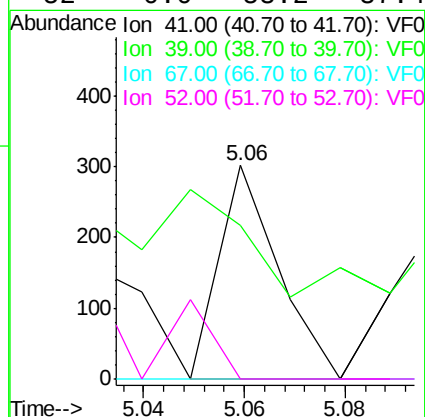
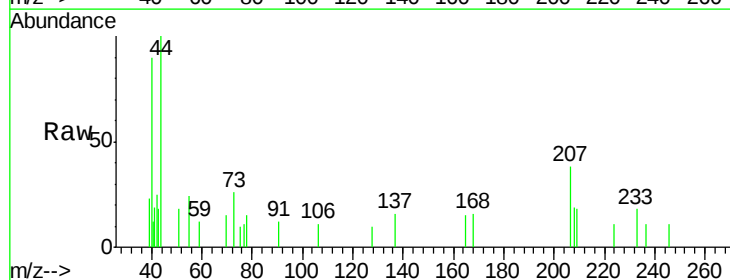
Ion Ratio Lower Upper

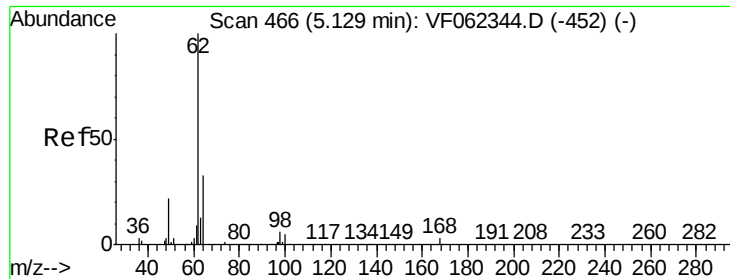
41 100

39 0.0 54.3 81.5#

67 0.0 37.8 56.8#

52 0.0 58.2 87.4#





#42

1,2-Dichloroethane

Concen: 116.109 ug/l

RT: 5.23 min Scan# 476

Delta R.T. 0.10 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

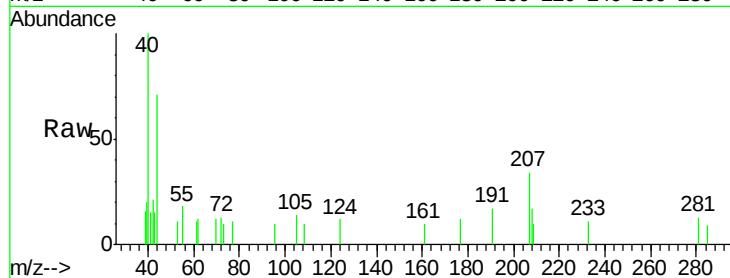
FK-0D015-03-003

Tot Ion: 62 Resp: 79

Ion Ratio Lower Upper

62 100

98 0.0 0.0 12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

5.23

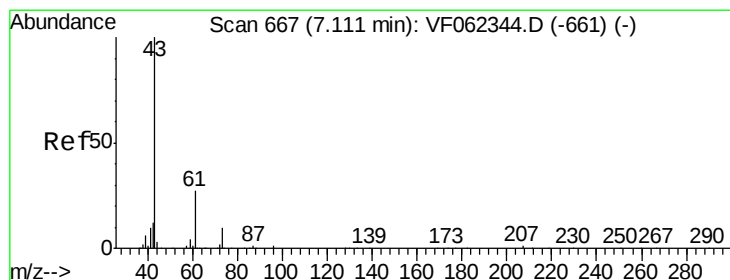
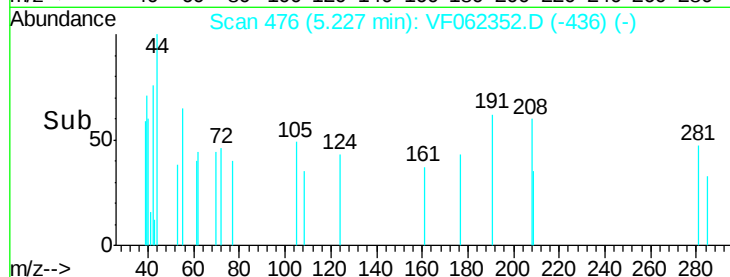
150

100

50

0

Time-->



#43

Isopropyl Acetate

Concen: 1431.420 ug/l

RT: 7.27 min Scan# 683

Delta R.T. 0.16 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

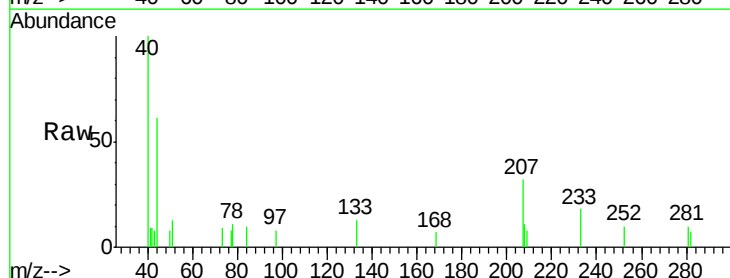
Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 0.6 1.0#



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

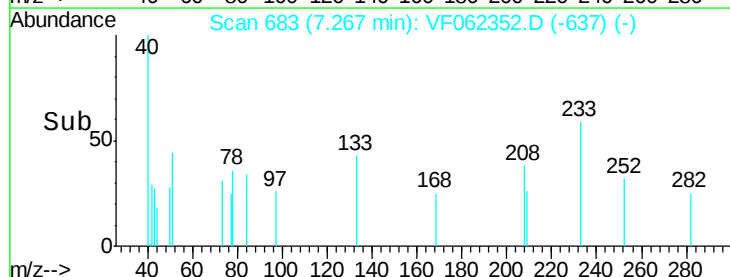
300

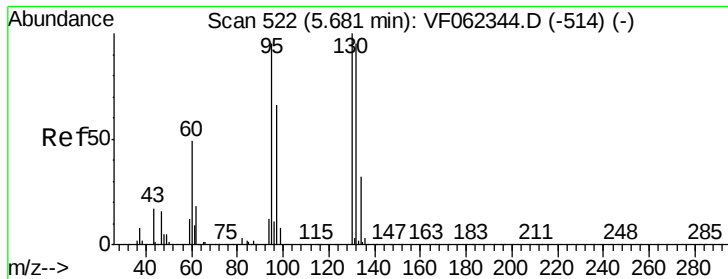
200

100

0

Time-->





#44

Trichloroethene

Concen: 105.421 ug/l

RT: 5.75 min Scan# 529

Delta R.T. 0.07 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

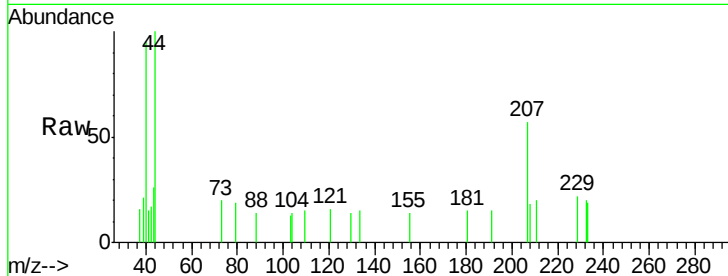
FK-0D015-03-003

Tot Ion:130 Resp: 63

Ion Ratio Lower Upper

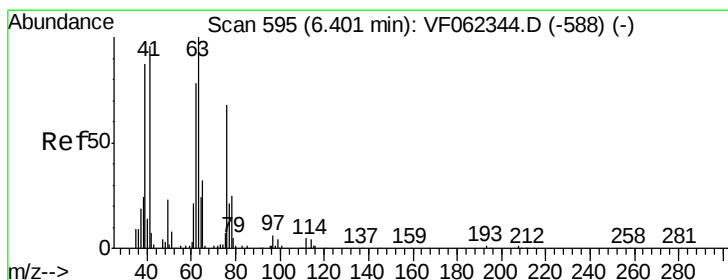
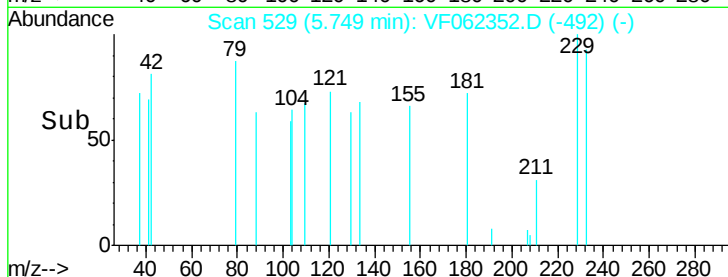
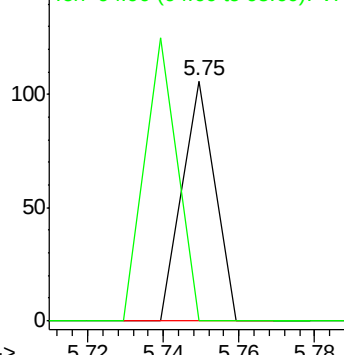
130 100

95 0.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 314.808 ug/l

RT: 6.72 min Scan# 627

Delta R.T. 0.31 min

Lab File: VF062352.D

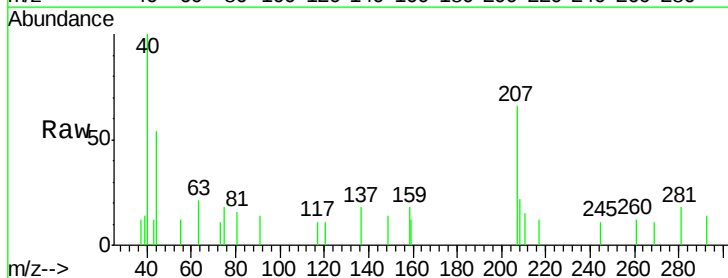
Acq: 7 May 2019 12:45

Tgt Ion: 63 Resp: 116

Ion Ratio Lower Upper

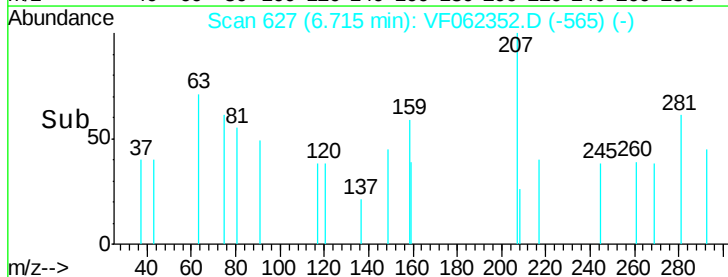
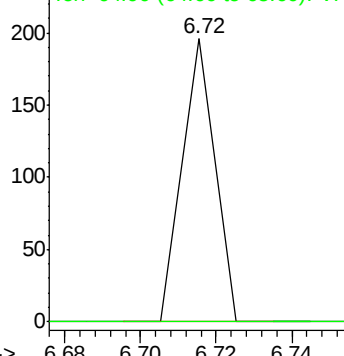
63 100

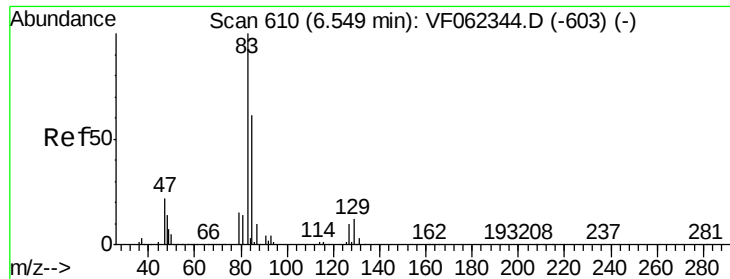
65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0





#47

Bromodichloromethane

Concen: 104.734 ug/l

RT: 6.62 min Scan# 617

Delta R.T. 0.07 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

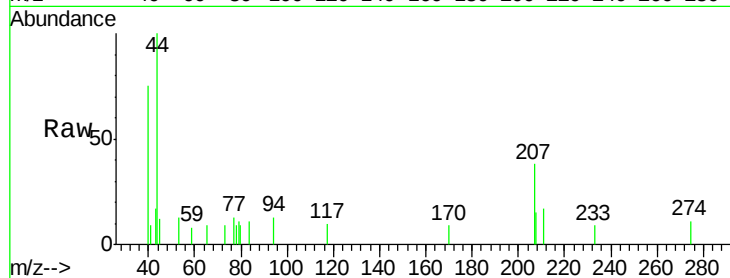
Tot Ion: 83 Resp: 80

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

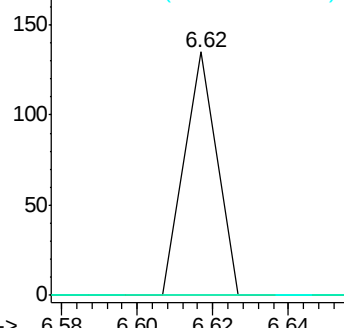
127 0.0 7.8 11.8#



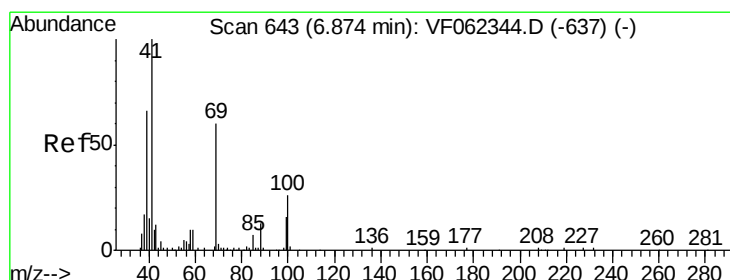
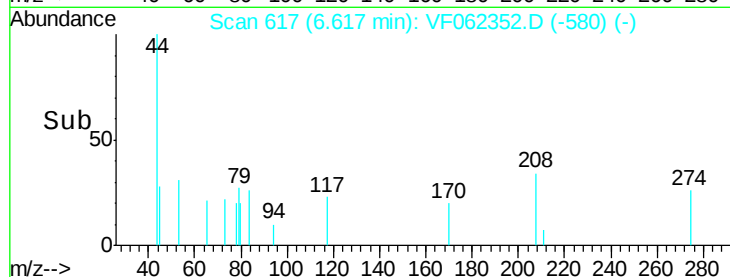
Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 1284.379 ug/l

RT: 7.03 min Scan# 659

Delta R.T. 0.16 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

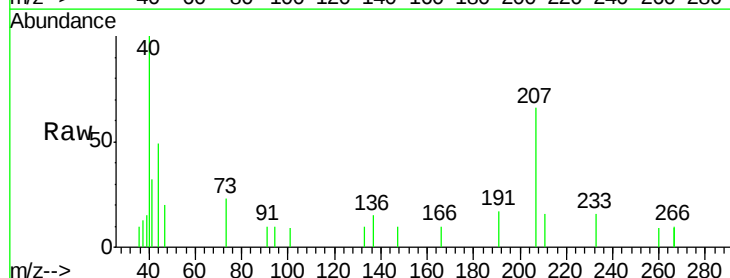
Tgt Ion: 41 Resp: 305

Ion Ratio Lower Upper

41 100

69 0.0 48.6 72.8#

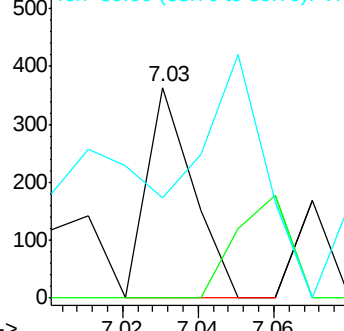
39 266.6 56.1 84.1#



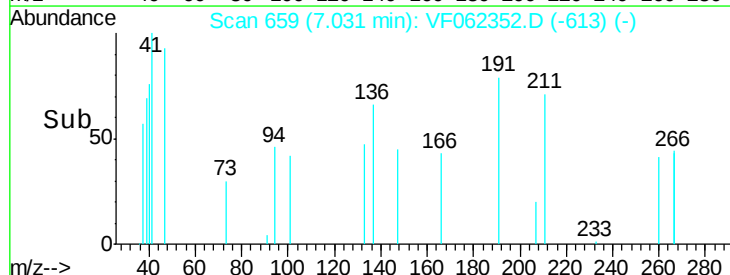
Abundance Ion 41.00 (40.70 to 41.70): VF0

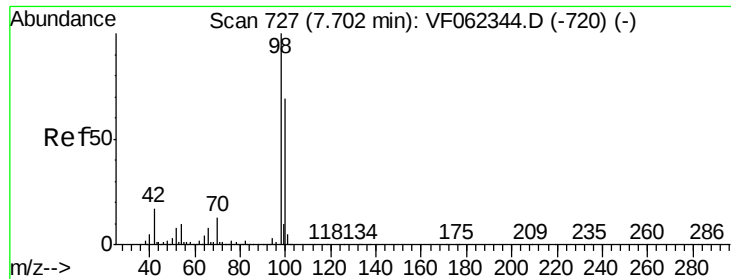
Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->





#50

Toluene-d8

Concen: 36.177 ug/l

RT: 8.02 min Scan# 759

Delta R.T. 0.31 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

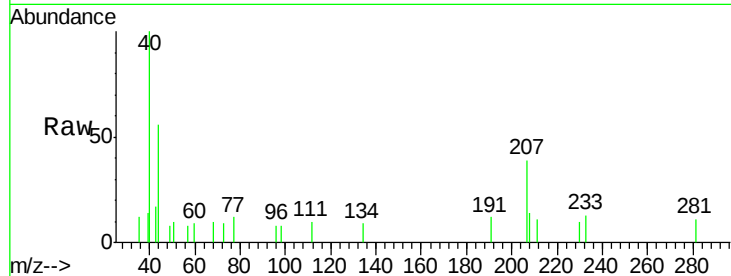
FK-0D015-03-003

Tot Ion: 98 Resp: 60

Ion Ratio Lower Upper

98 100

100 0.0 53.3 79.9#

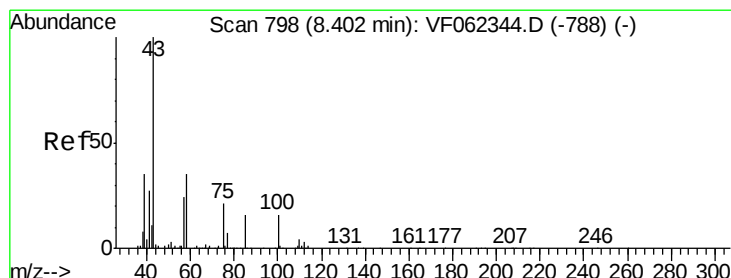
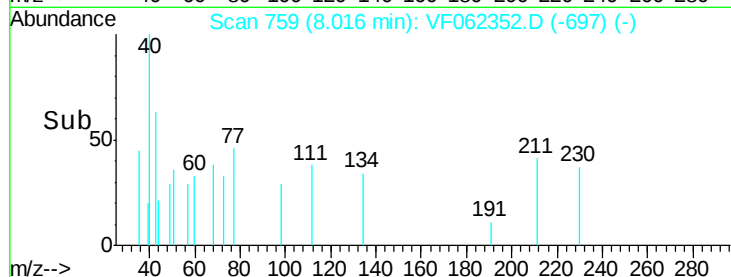


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

8.02

Time-->



#51

4-Methyl-2-Pentanone

Concen: 702.996 ug/l

RT: 8.50 min Scan# 808

Delta R.T. 0.10 min

Lab File: VF062352.D

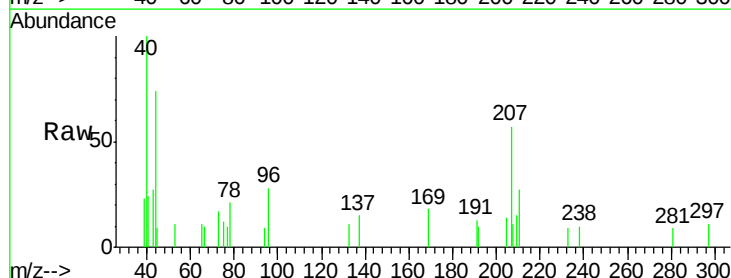
Acq: 7 May 2019 12:45

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 39.1 27.8 41.6

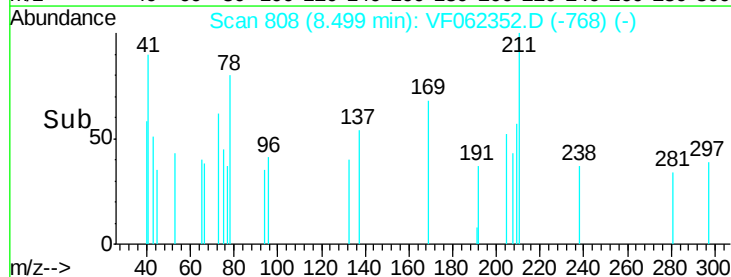


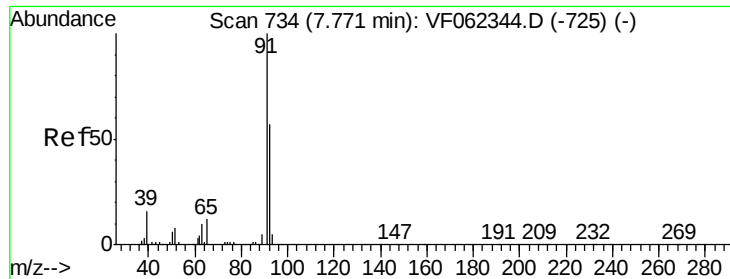
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.50

Time-->





#52

Toluene

Concen: 59.785 ug/l

RT: 8.08 min Scan# 765

Delta R.T. 0.30 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

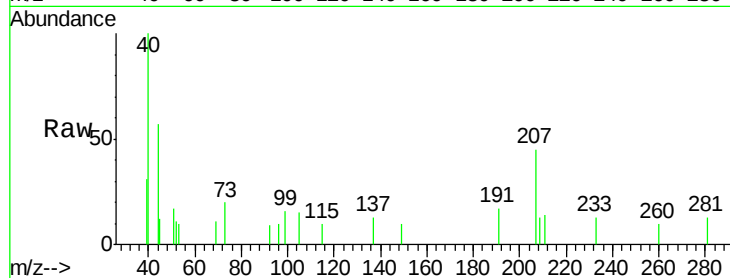
FK-0D015-03-003

Tot Ion: 92 Resp: 60

Ion Ratio Lower Upper

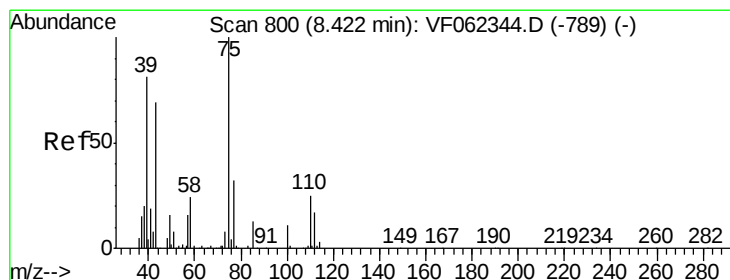
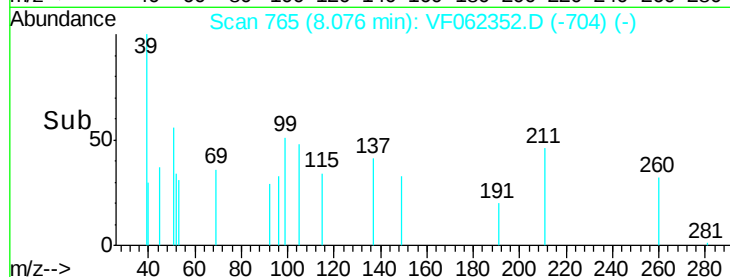
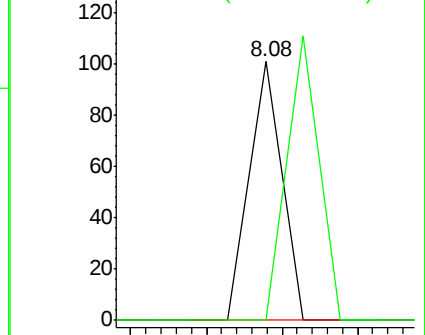
92 100

91 110.0 138.7 208.1#



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: 115.974 ug/l

RT: 8.67 min Scan# 825

Delta R.T. 0.25 min

Lab File: VF062352.D

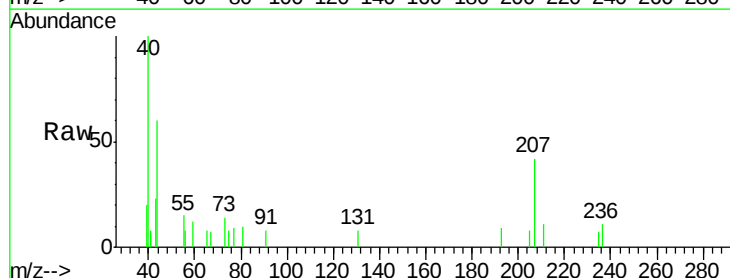
Acq: 7 May 2019 12:45

Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

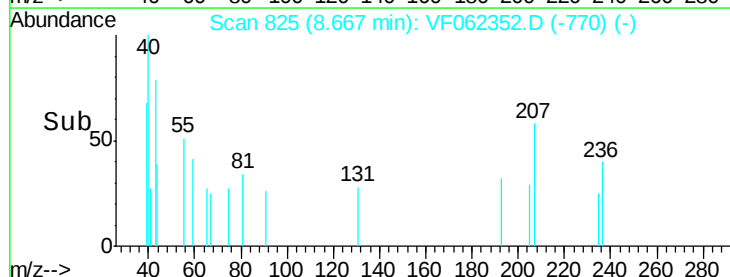
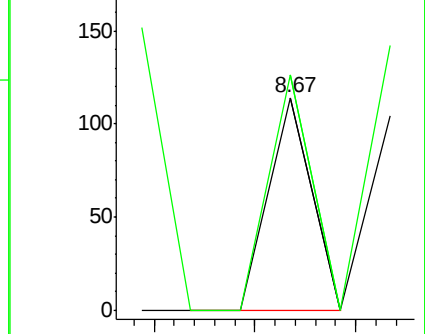
75 100

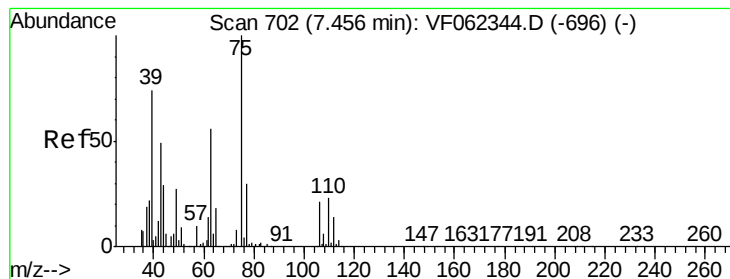
77 110.5 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0





#54

cis-1,3-Dichloropropene

Concen: 116.010 ug/l

RT: 7.66 min Scan# 723

Delta R.T. 0.21 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

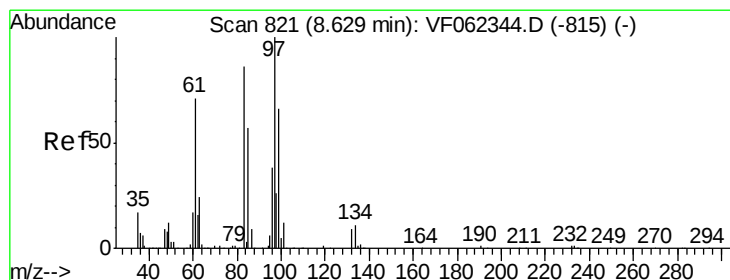
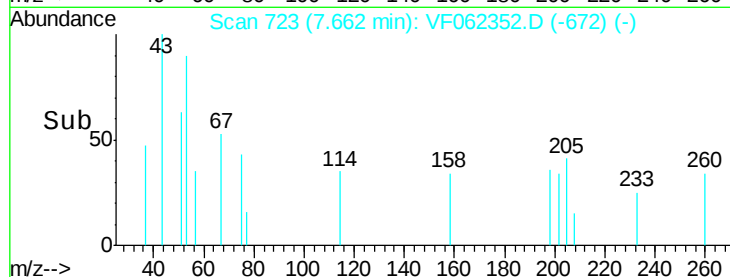
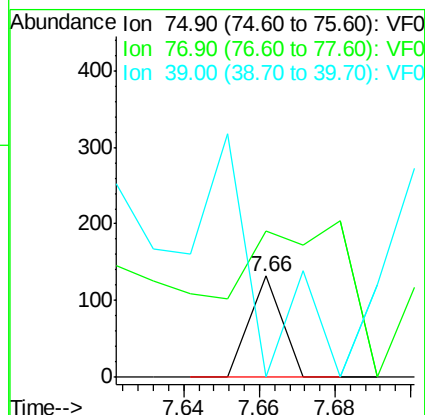
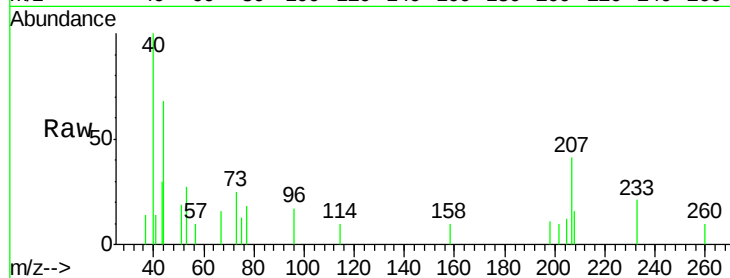
Tot Ion: 75 Resp: 78

Ion Ratio Lower Upper

75 100

77 62.1 24.0 36.0#

39 0.0 58.7 88.1#



#55

1,1,2-Trichloroethane

Concen: 188.328 ug/l

RT: 8.93 min Scan# 852

Delta R.T. 0.30 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Tgt Ion: 97 Resp: 60

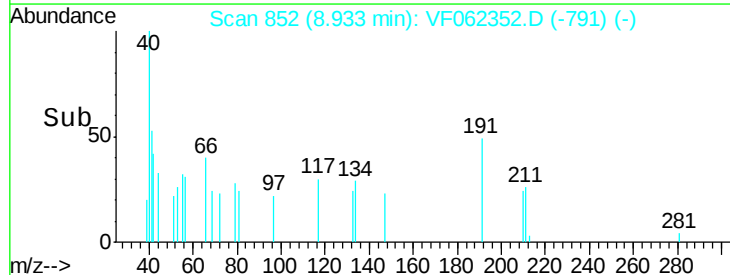
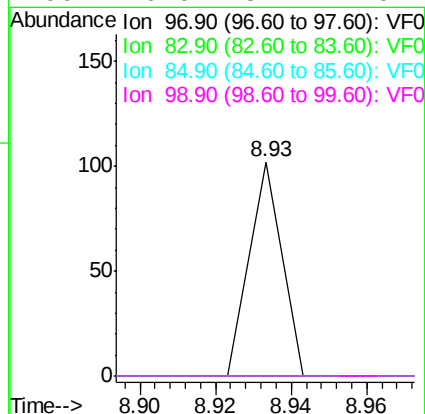
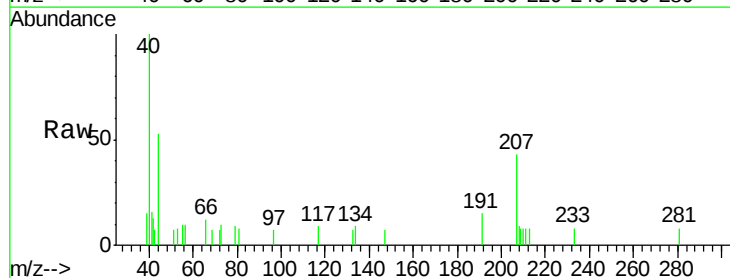
Ion Ratio Lower Upper

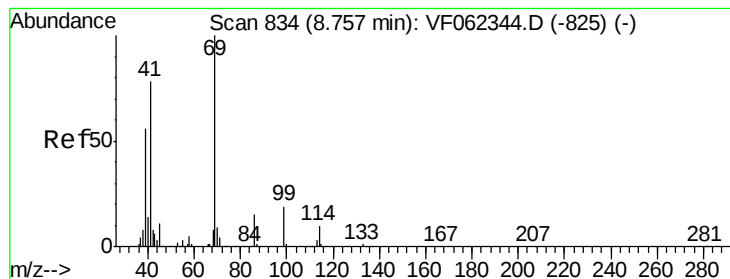
97 100

83 0.0 68.5 102.7#

85 0.0 45.4 68.2#

99 0.0 52.7 79.1#





#56

Ethyl methacrylate

Concen: 196.249 ug/l

RT: 8.93 min Scan# 852

Delta R.T. 0.18 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

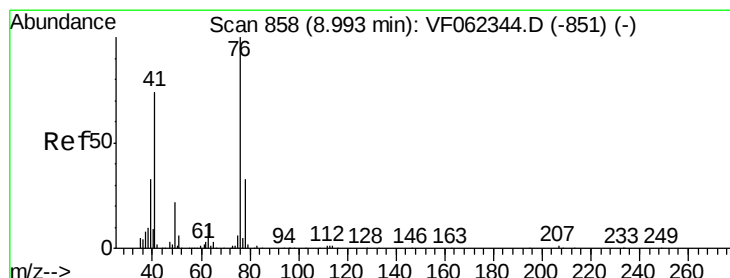
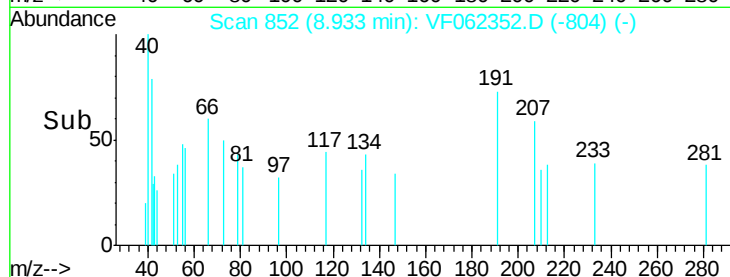
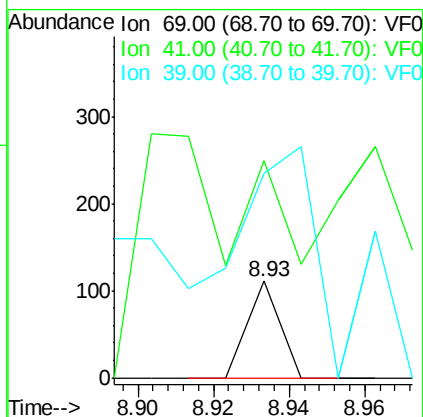
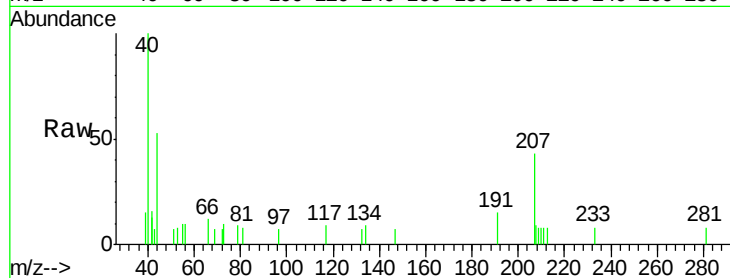
Tot Ion: 69 Resp: 66

Ion Ratio Lower Upper

69 100

41 0.0 66.3 99.5#

39 712.1 50.1 75.1#



#57

1,3-Dichloropropane

Concen: 126.756 ug/l

RT: 9.23 min Scan# 882

Delta R.T. 0.24 min

Lab File: VF062352.D

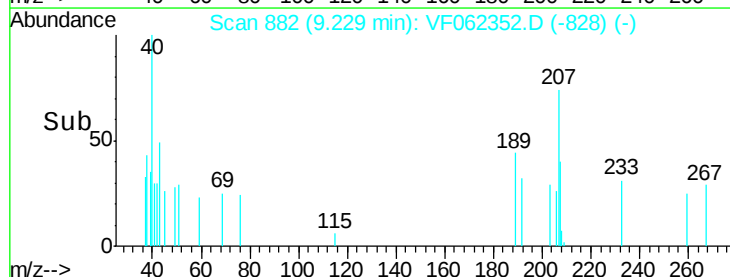
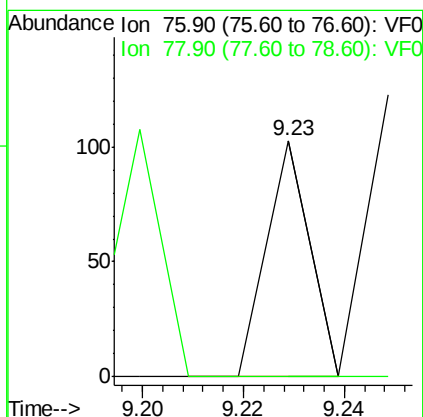
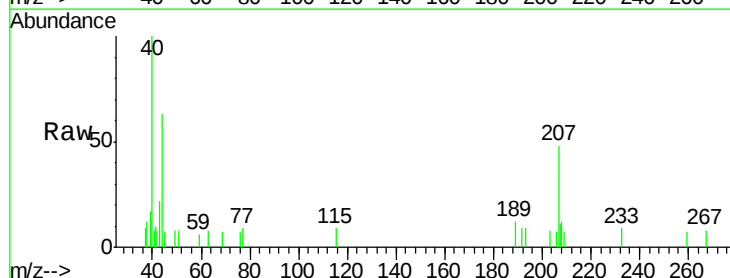
Acq: 7 May 2019 12:45

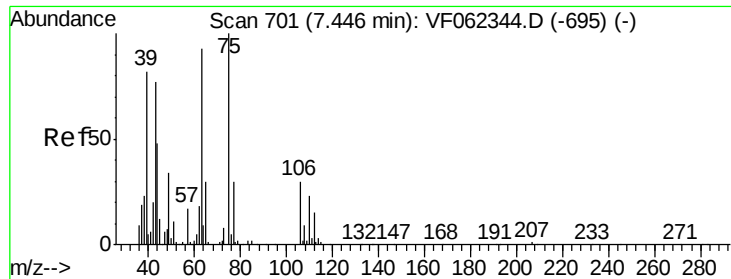
Tgt Ion: 76 Resp: 61

Ion Ratio Lower Upper

76 100

78 0.0 26.4 39.6#





#58

2-Chloroethyl Vinyl ether

Concen: 840.676 ug/l

RT: 7.52 min Scan# 709

Delta R.T. 0.08 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

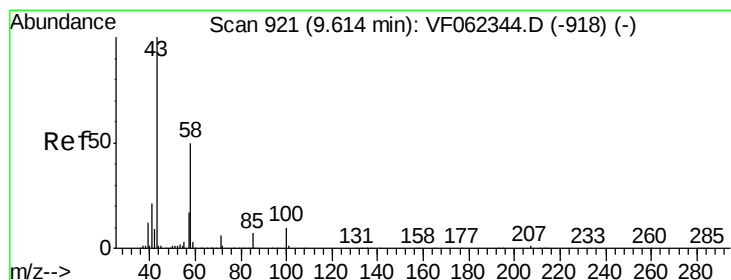
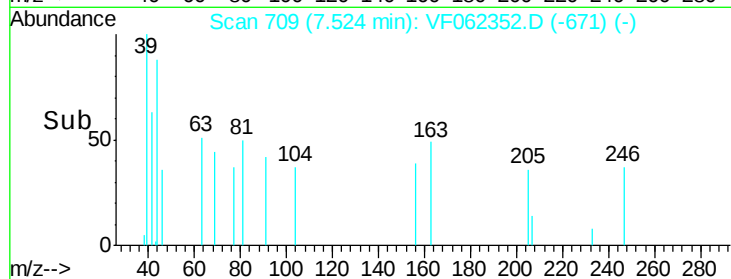
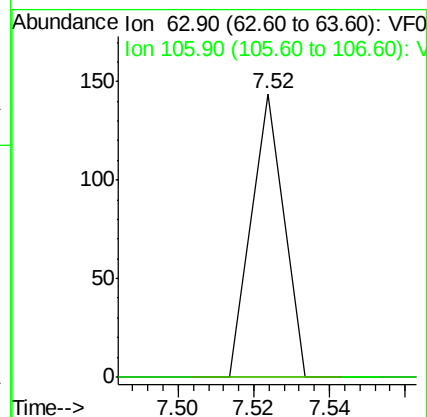
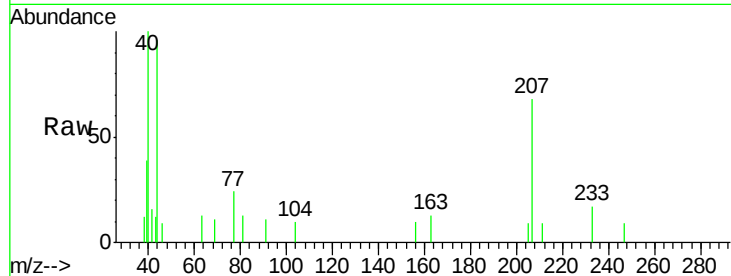
FK-0D015-03-003

Tot Ion: 63 Resp: 85

Ion Ratio Lower Upper

63 100

106 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 1521.874 ug/l

RT: 9.76 min Scan# 936

Delta R.T. 0.15 min

Lab File: VF062352.D

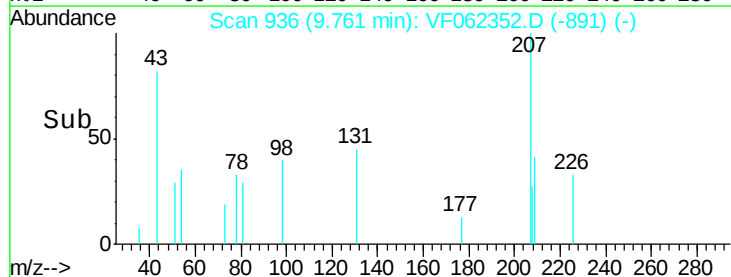
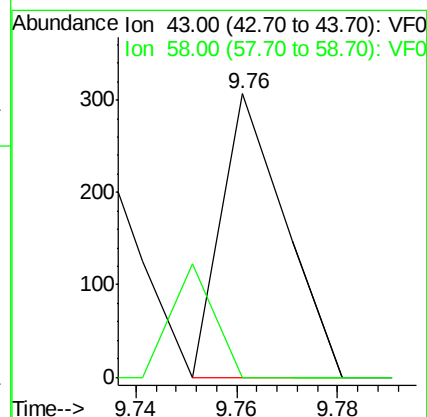
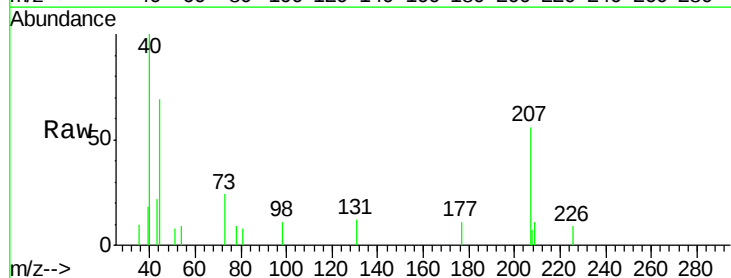
Acq: 7 May 2019 12:45

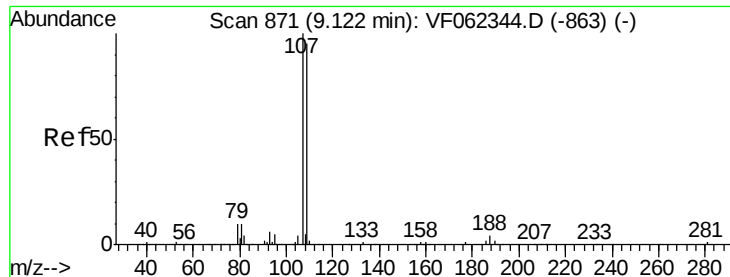
Tgt Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

58 27.2 24.3 73.0





#61

1,2-Dibromoethane

Concen: 162.907 ug/l

RT: 9.52 min Scan# 912

Delta R.T. 0.40 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

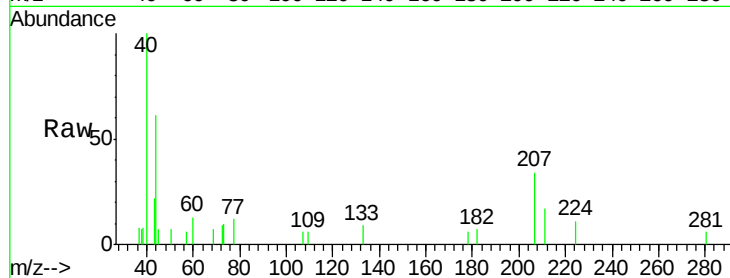
FK-0D015-03-003

Tot Ion:107 Resp: 61

Ion Ratio Lower Upper

107 100

109 98.4 75.2 112.8

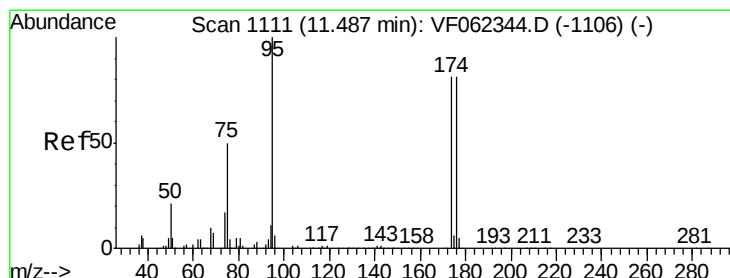
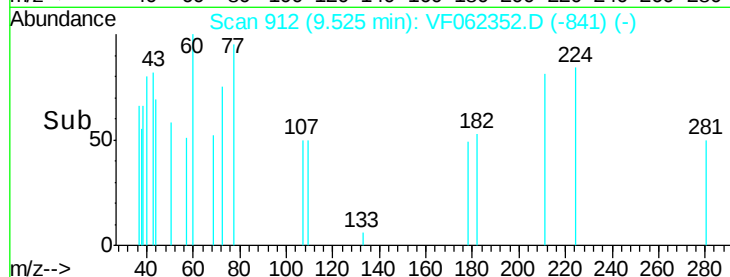


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.52

Time-->



#62

4-Bromofluorobenzene

Concen: 106.915 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. 0.26 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

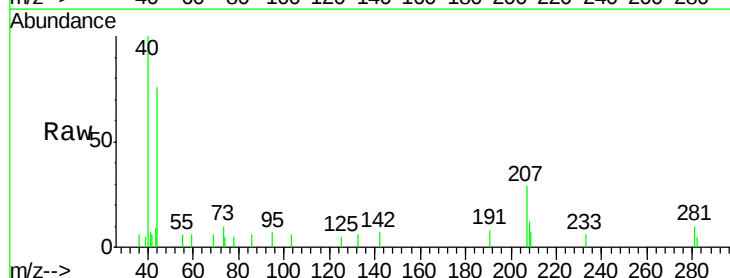
Tgt Ion: 95 Resp: 80

Ion Ratio Lower Upper

95 100

174 0.0 0.0 191.8

176 106.3 0.0 193.2



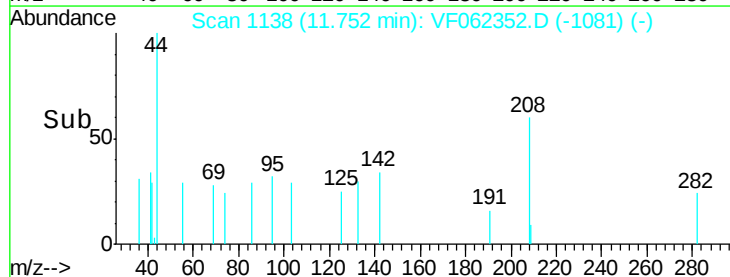
Abundance Ion 94.90 (94.60 to 95.60): VF0

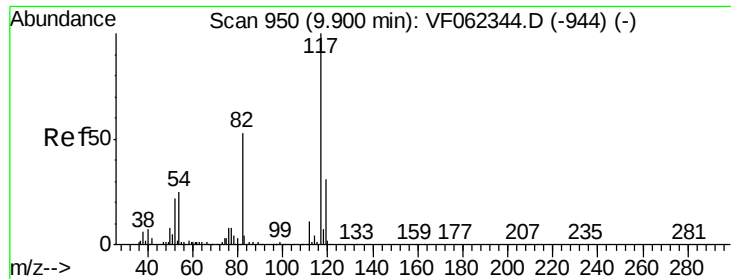
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.75

Time-->

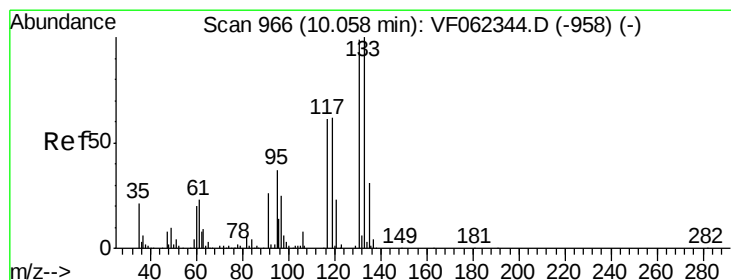
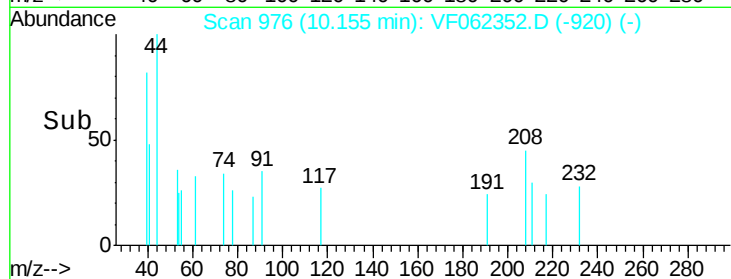
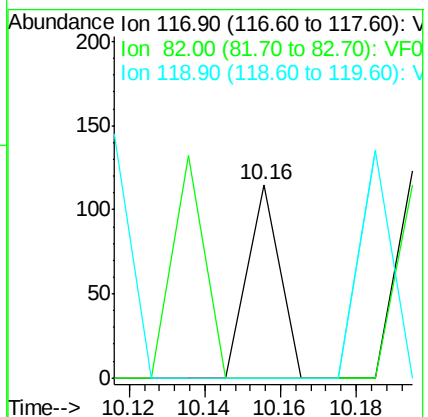
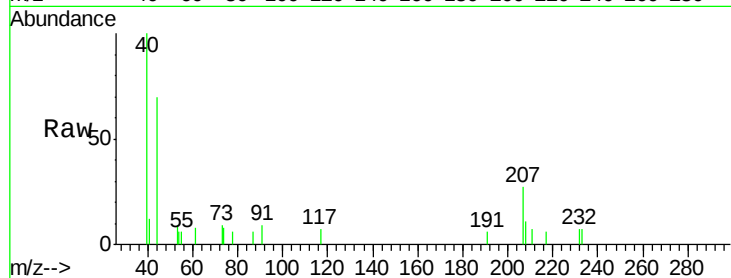




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.16 min Scan# 976
Delta R.T. 0.26 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

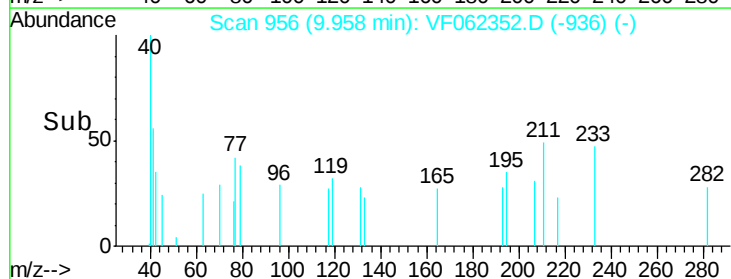
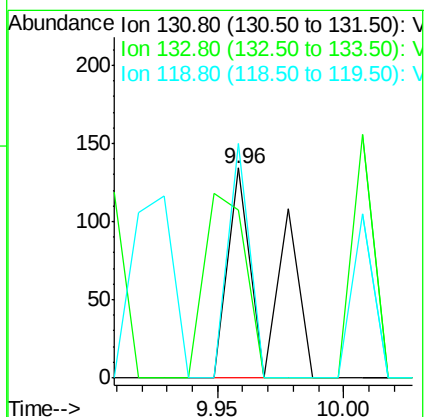
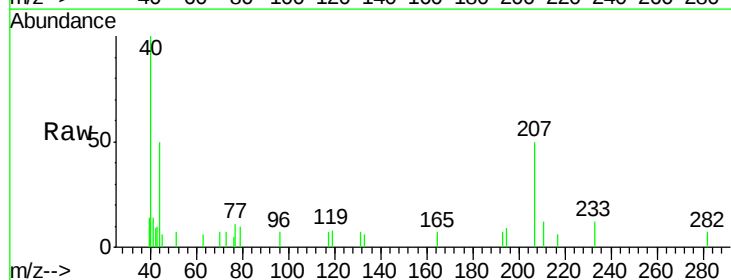
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

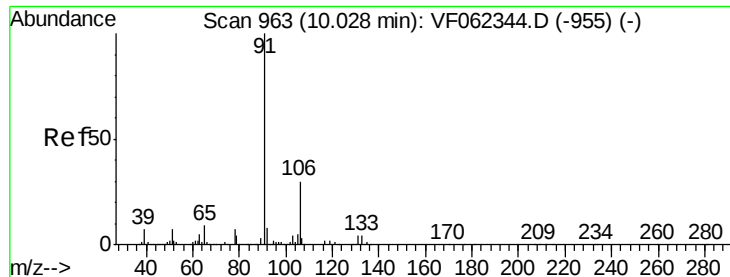
Tot Ion:117 Resp: 68
Ion Ratio Lower Upper
117 100
82 0.0 42.2 63.2#
119 0.0 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 251.947 ug/l
RT: 9.96 min Scan# 956
Delta R.T. -0.10 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion:131 Resp: 143
Ion Ratio Lower Upper
131 100
133 93.0 50.2 150.7
119 62.2 31.6 95.0





#67

Ethyl Benzene

Concen: 31.470 ug/l

RT: 10.08 min Scan# 968

Delta R.T. 0.05 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

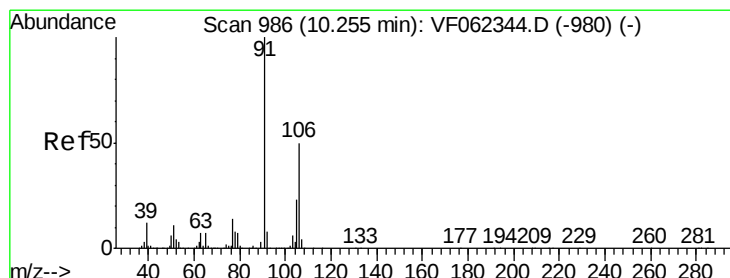
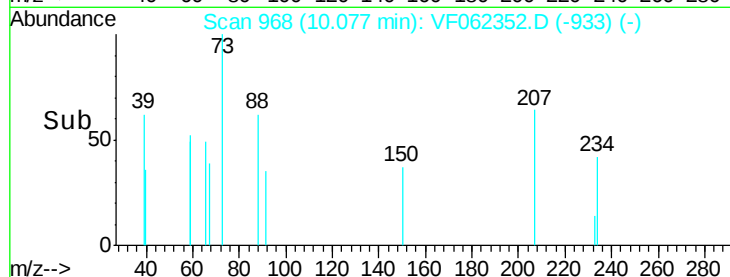
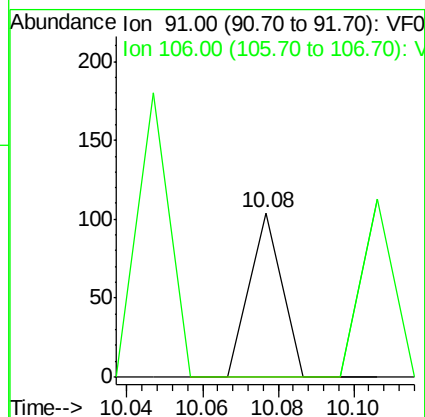
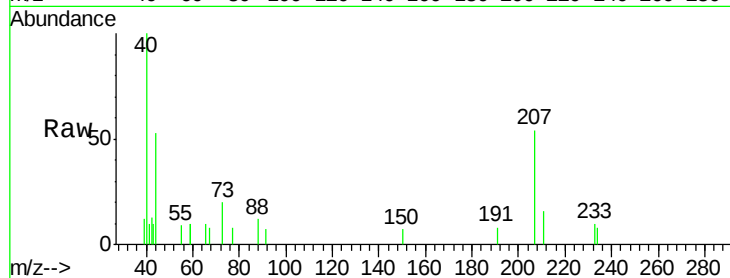
FK-0D015-03-003

Tot Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

106 0.0 24.1 36.1#



#68

m/p-Xylenes

Concen: 92.170 ug/l

RT: 10.25 min Scan# 986

Delta R.T. -0.00 min

Lab File: VF062352.D

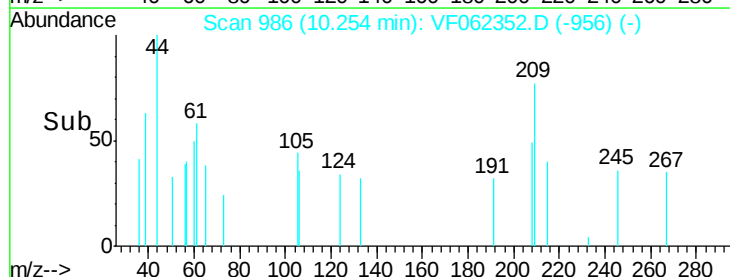
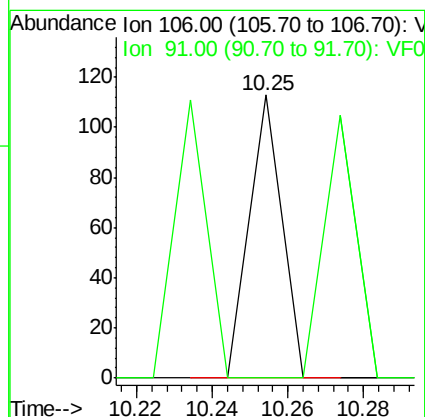
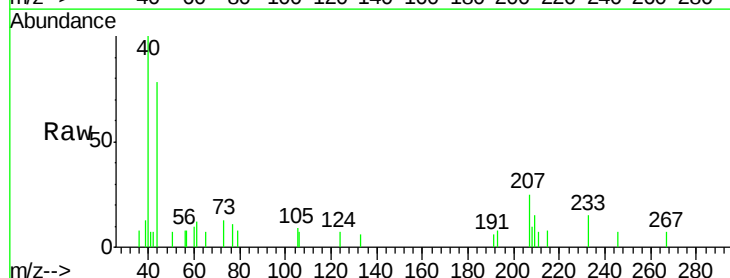
Acq: 7 May 2019 12:45

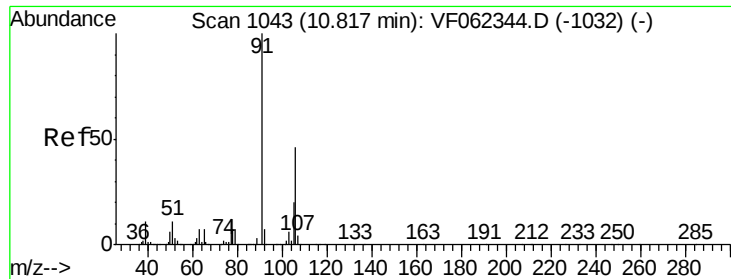
Tgt Ion: 106 Resp: 67

Ion Ratio Lower Upper

106 100

91 92.5 167.4 251.2#

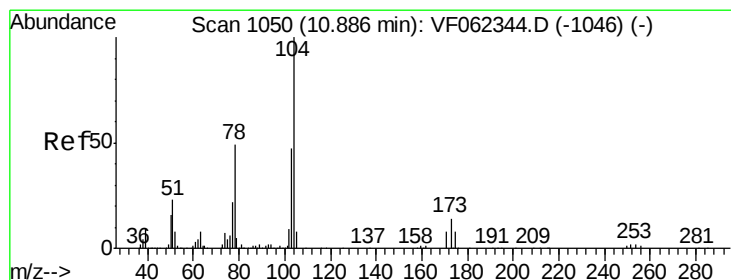
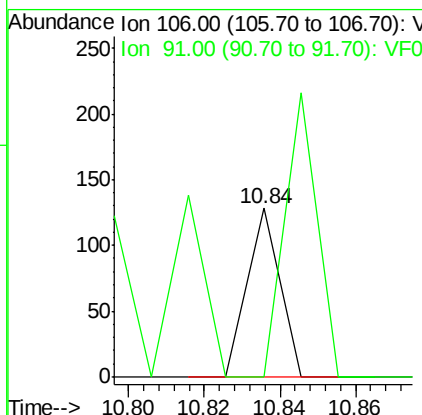
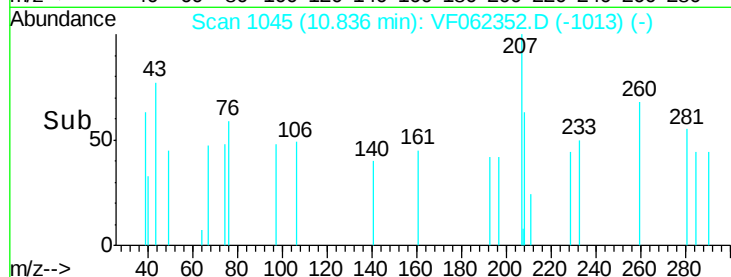
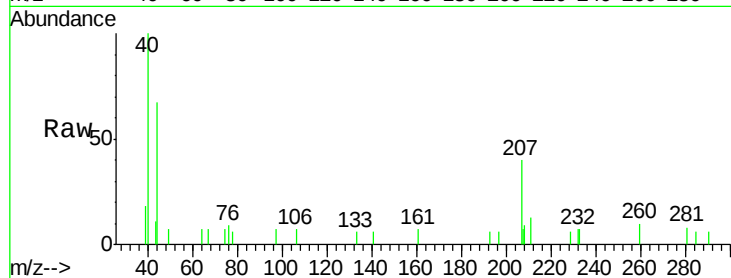




#69
o-Xylene
Concen: 96.756 ug/l
RT: 10.84 min Scan# 1045
Delta R.T. 0.02 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

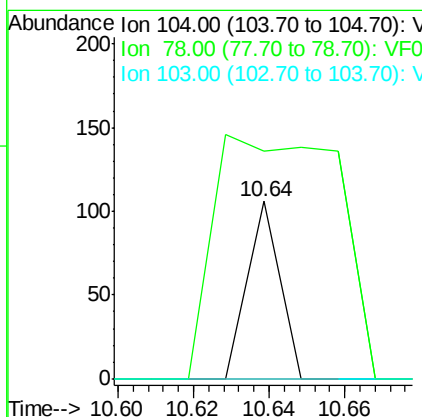
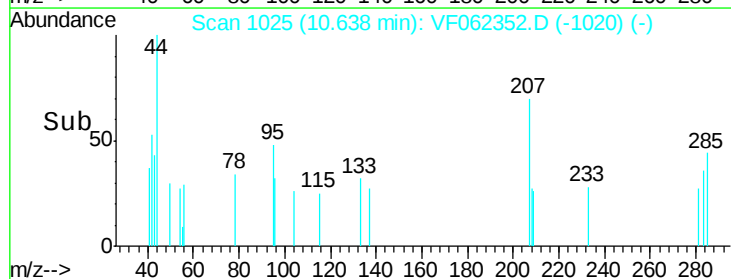
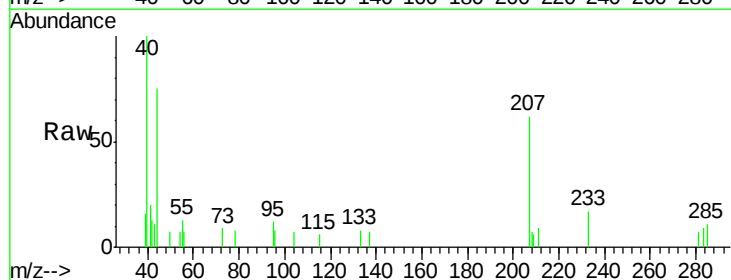
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

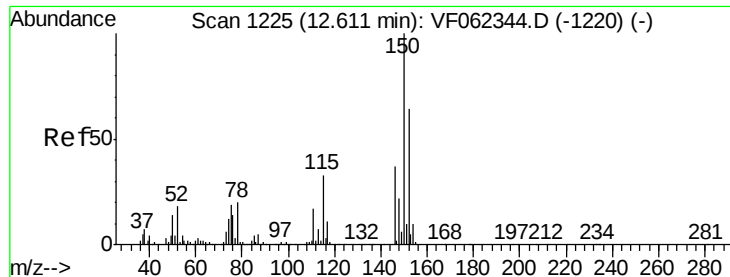
Tot Ion:106 Resp: 76
Ion Ratio Lower Upper
106 100
91 168.4 111.3 333.8



#70
Styrene
Concen: 53.516 ug/l
RT: 10.64 min Scan# 1025
Delta R.T. -0.25 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion:104 Resp: 63
Ion Ratio Lower Upper
104 100
78 522.2 39.5 59.3#
103 0.0 38.4 57.6#



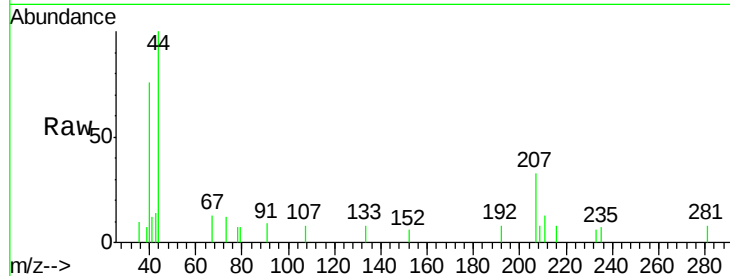


#72

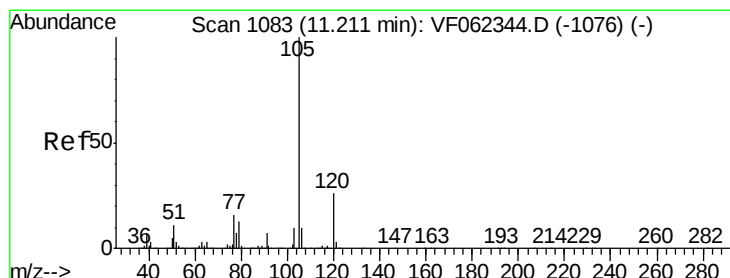
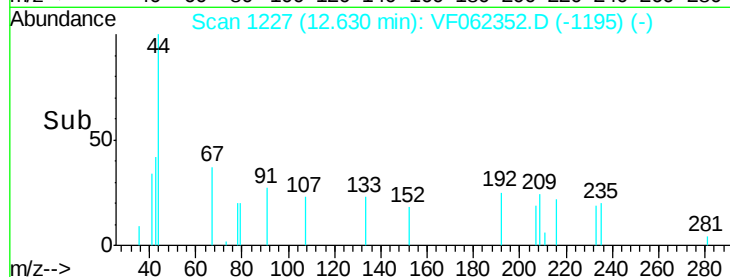
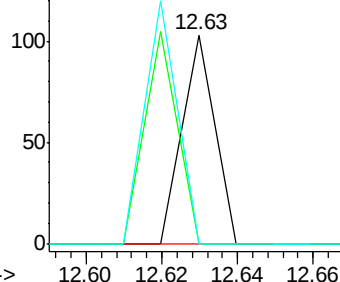
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.02 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

Tot Ion	Ratio	Lower	Upper
152	100		
115	101.6	26.4	79.2#
150	116.4	0.0	335.0



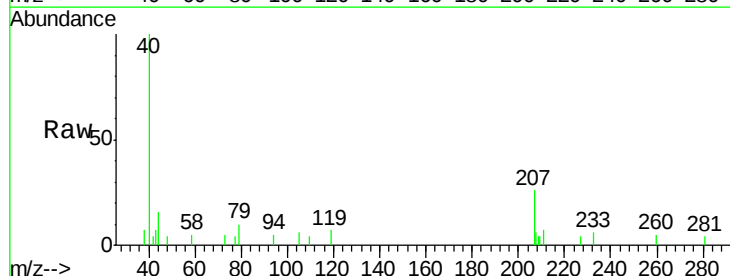
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



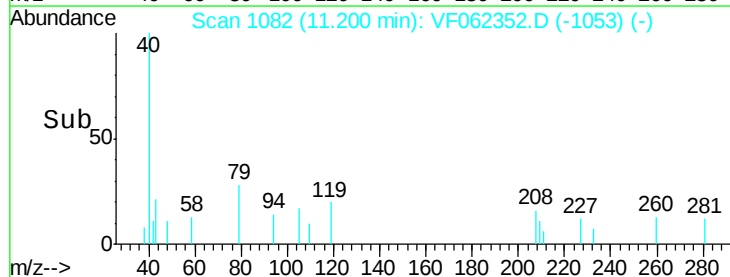
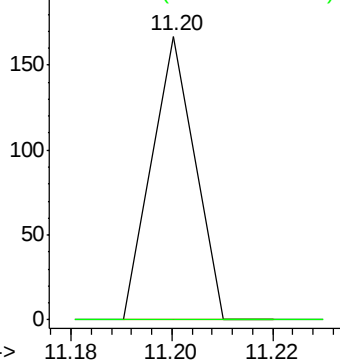
#73

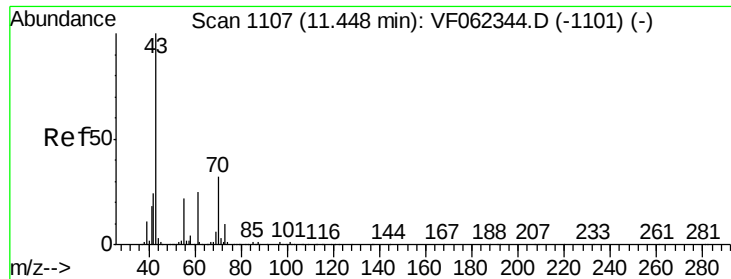
Isopropylbenzene
Concen: 27.376 ug/l
RT: 11.20 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.7	38.0#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 815.329 ug/l

RT: 11.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

Tot Ion: 43 Resp: 633

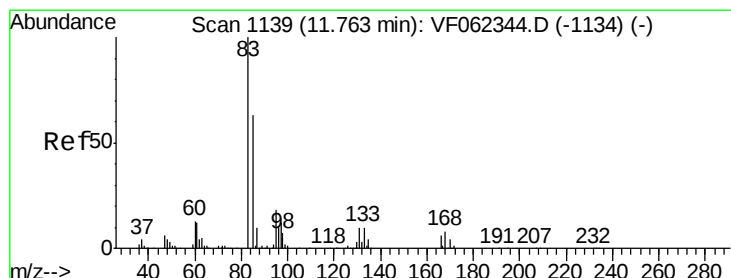
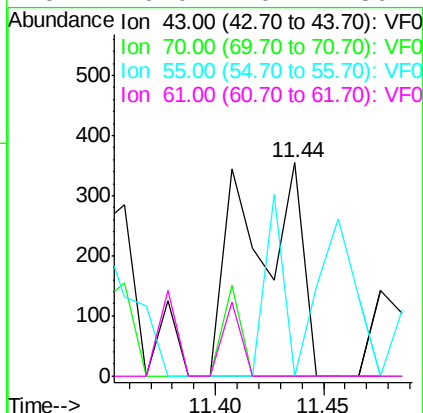
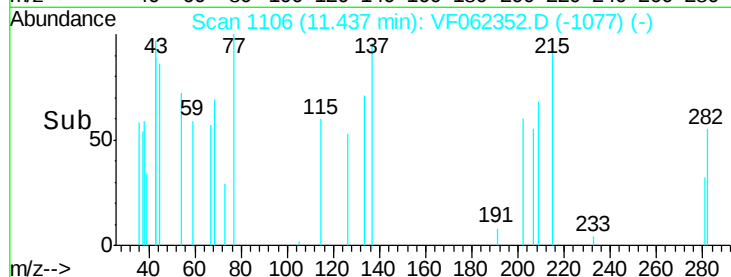
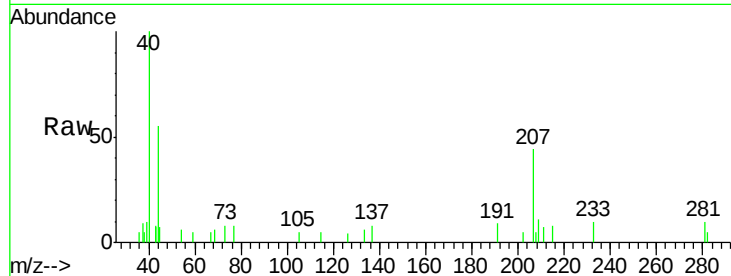
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 28.3 17.8 26.6#

61 0.0 20.2 30.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 146.585 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.08 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

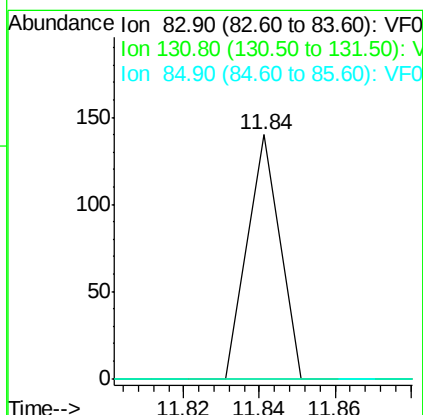
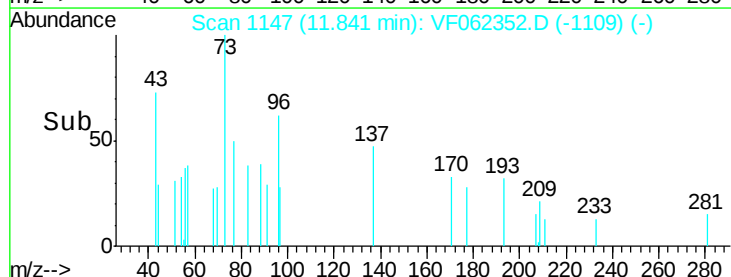
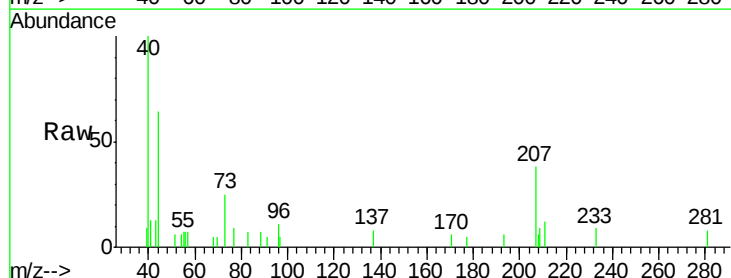
Tgt Ion: 83 Resp: 83

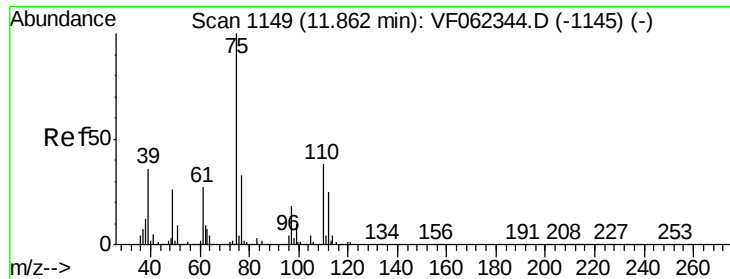
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 35.3 105.7#





#76

1,2,3-Trichloropropane

Concen: 305.560 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. 0.02 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

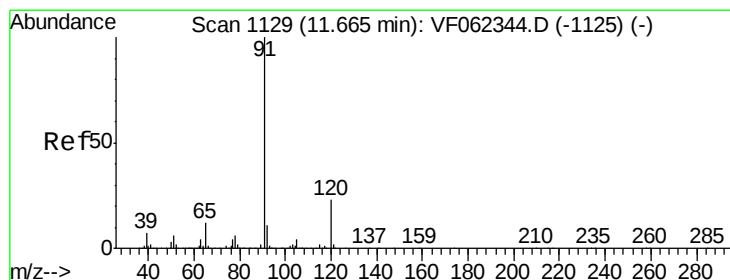
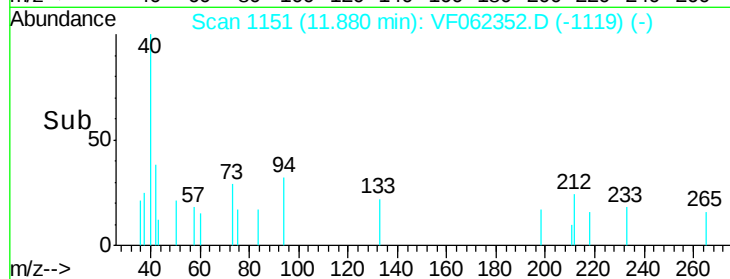
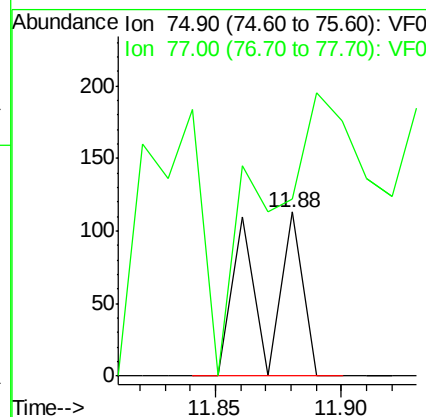
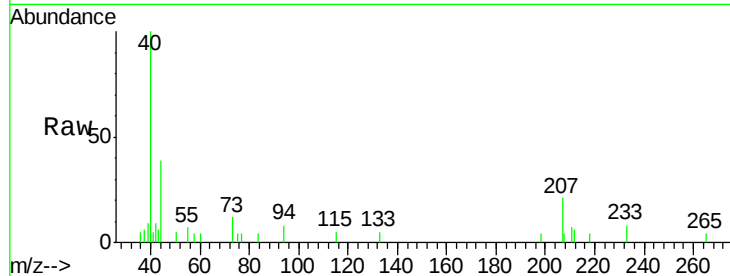
FK-0D015-03-003

Tot Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 453.0 0.0 0.0#



#78

n-propylbenzene

Concen: 21.298 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. -0.06 min

Lab File: VF062352.D

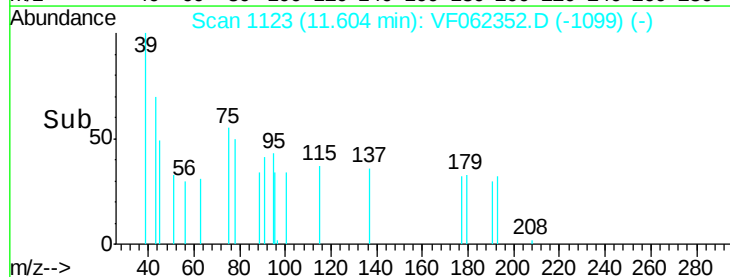
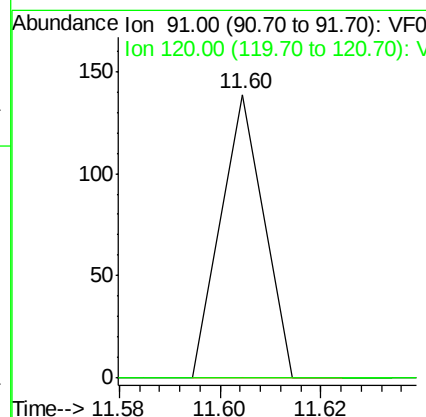
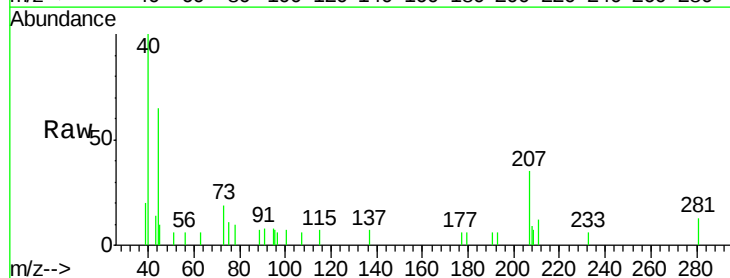
Acq: 7 May 2019 12:45

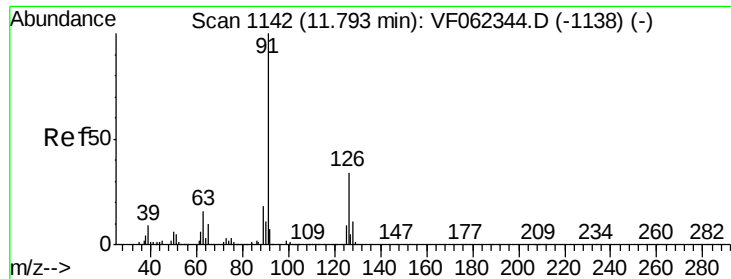
Tgt Ion: 91 Resp: 82

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.5#





#79

2-Chlorotoluene

Concen: 25.897 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.02 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

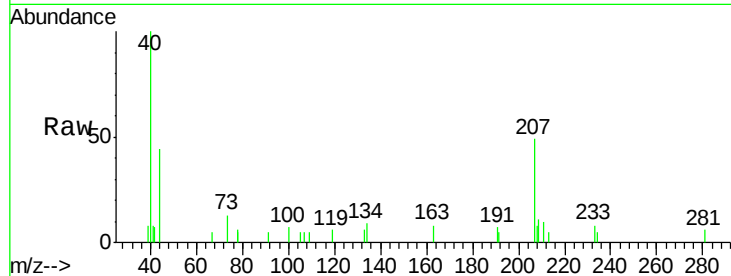
FK-0D015-03-003

Tot Ion: 91 Resp: 62

Ion Ratio Lower Upper

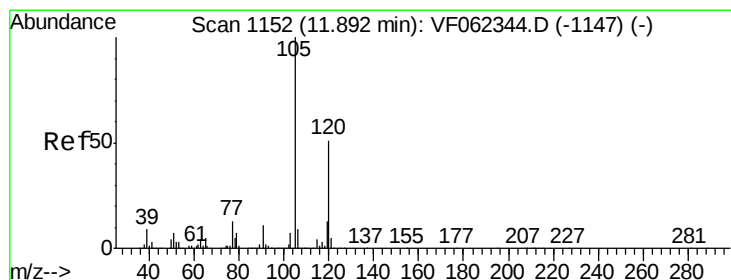
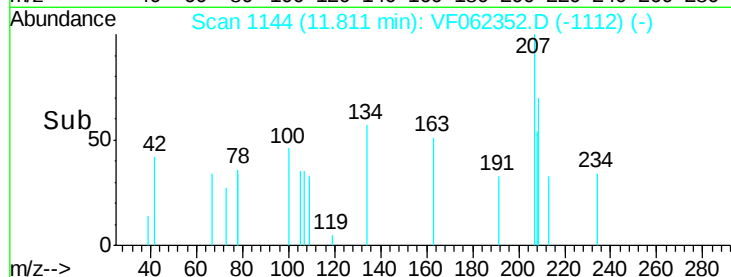
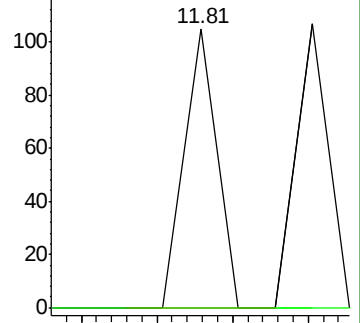
91 100

126 0.0 17.8 53.4#



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: 21.453 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.03 min

Lab File: VF062352.D

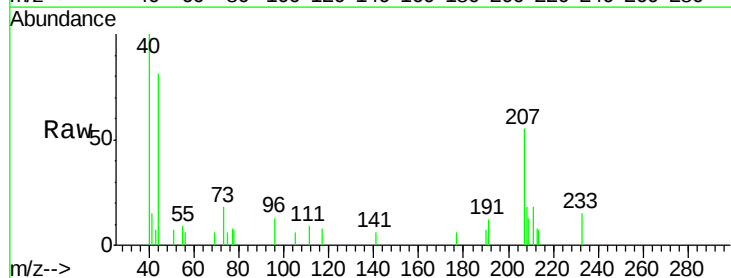
Acq: 7 May 2019 12:45

Tgt Ion: 105 Resp: 68

Ion Ratio Lower Upper

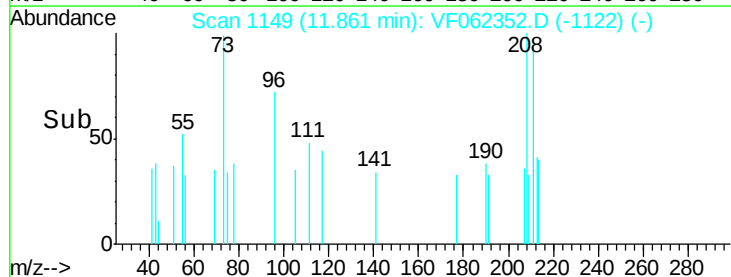
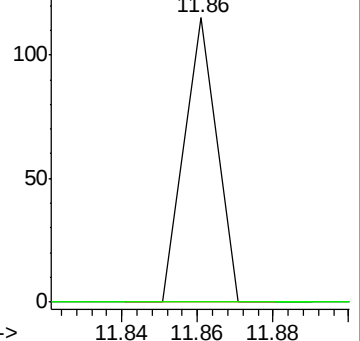
105 100

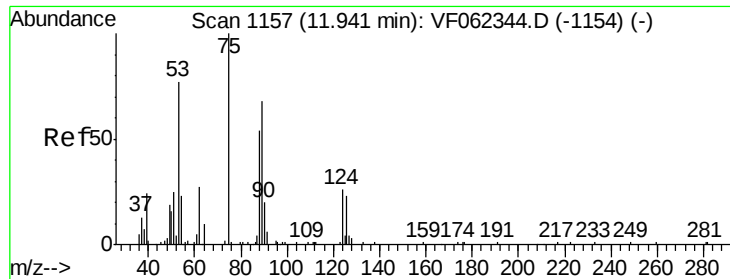
120 0.0 24.6 74.0#



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: 554.252 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. 0.05 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

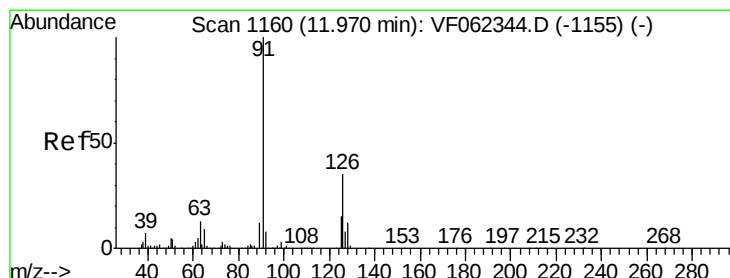
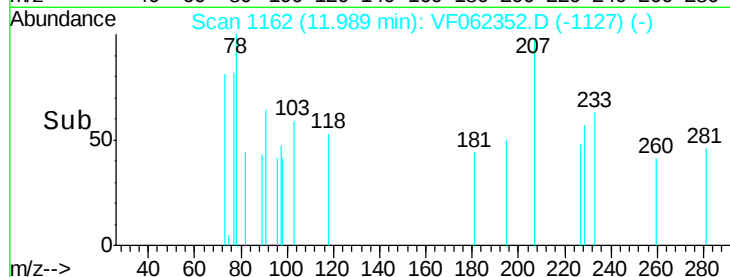
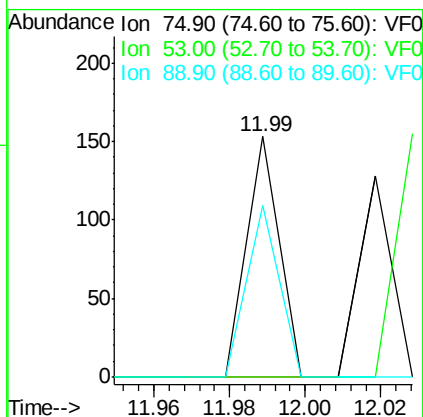
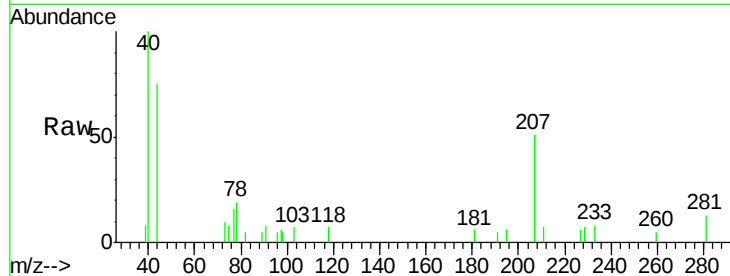
Tot Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

53 0.0 71.9 107.9#

89 71.1 0.0 0.0#



#82

4-Chlorotoluene

Concen: 150.133 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VF062352.D

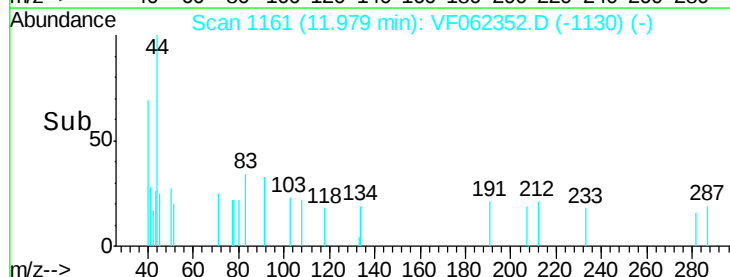
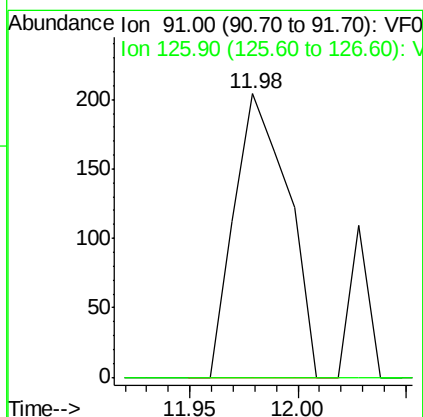
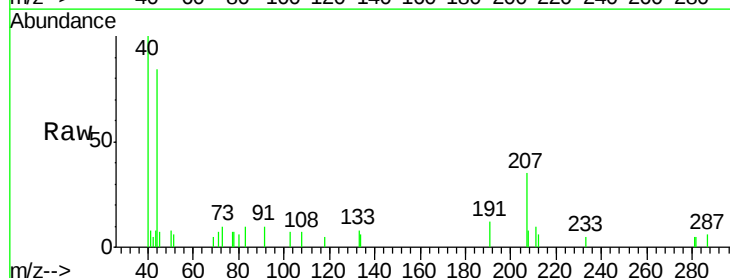
Acq: 7 May 2019 12:45

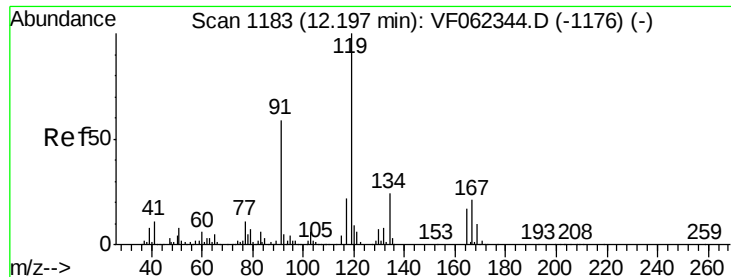
Tgt Ion: 91 Resp: 355

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#

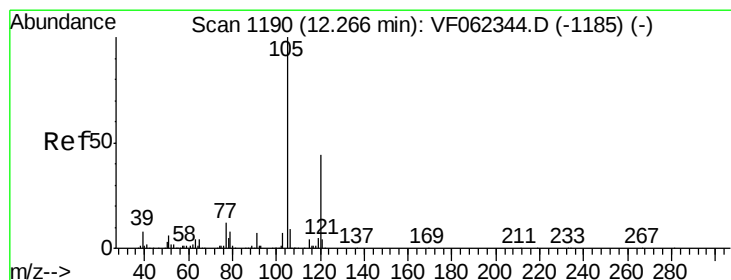
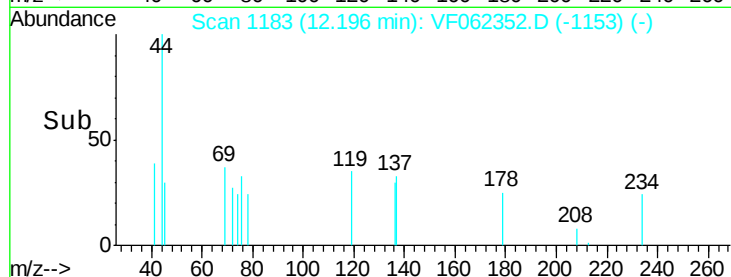
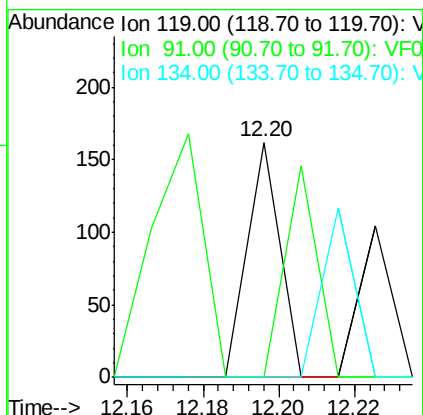
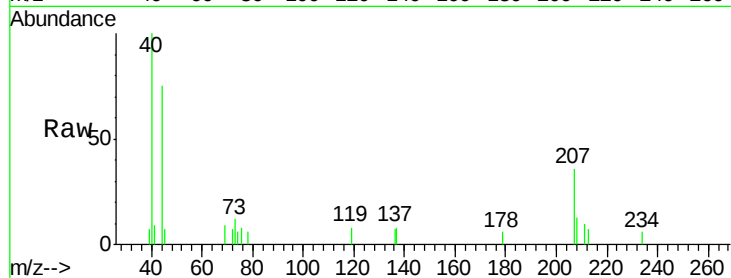




#83
tert-Butylbenzene
Concen: 28.819 ug/l
RT: 12.20 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

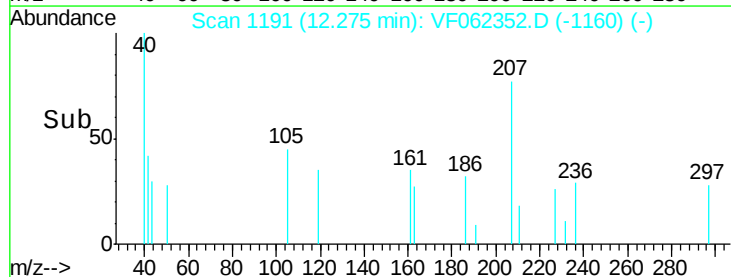
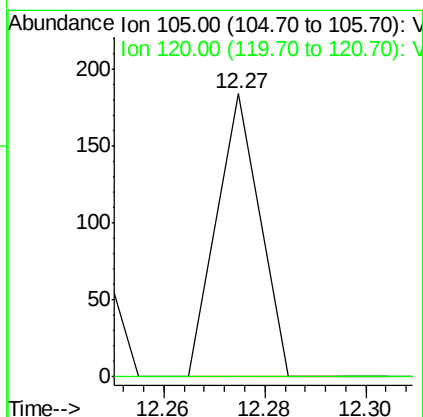
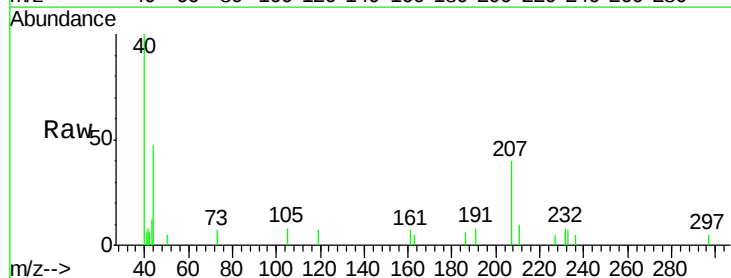
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-003

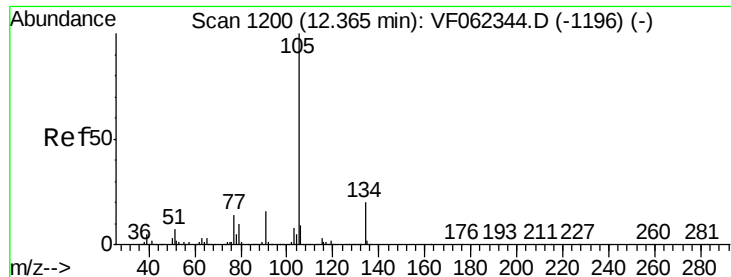
Tot Ion:119 Resp: 96
Ion Ratio Lower Upper
119 100
91 166.7 30.4 91.3#
134 0.0 11.9 35.7#



#84
1,2,4-Trimethylbenzene
Concen: 35.140 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. 0.01 min
Lab File: VF062352.D
Acq: 7 May 2019 12:45

Tgt Ion:105 Resp: 109
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.7#





#85

sec-Butylbenzene

Concen: 43.900 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

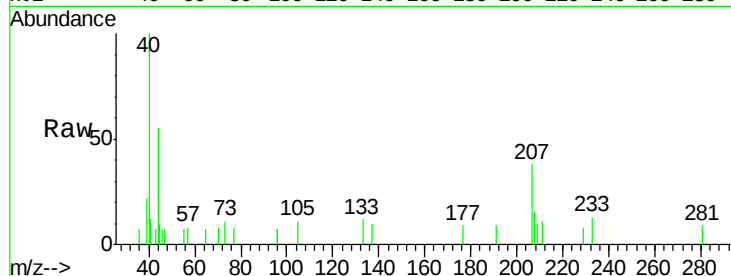
FK-0D015-03-003

Tot Ion:105 Resp: 178

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

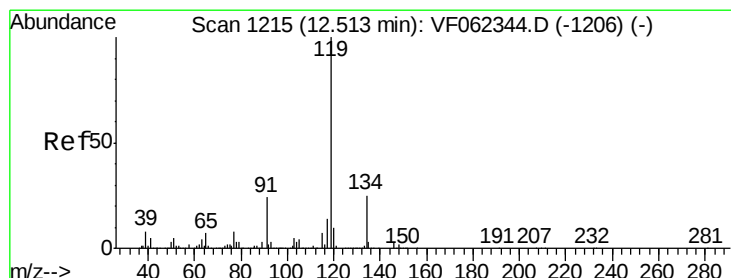
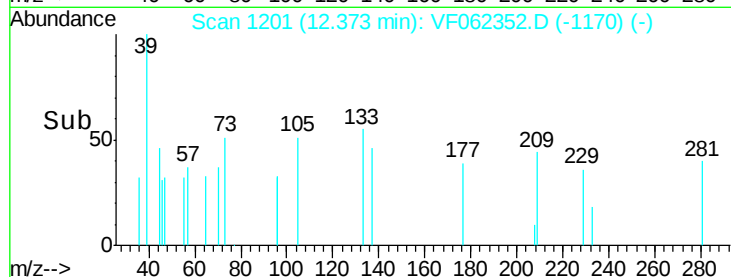
150

100

50

0

Time--> 12.34 12.36 12.38 12.40



#86

p-Isopropyltoluene

Concen: 32.916 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

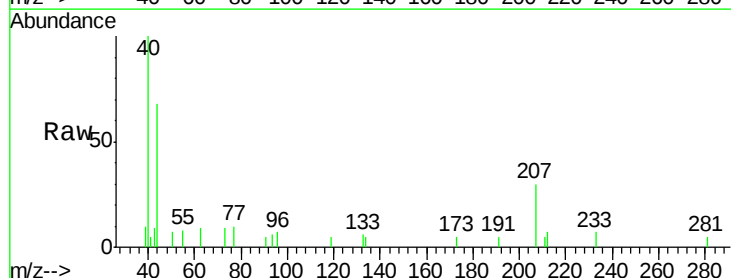
Tgt Ion:119 Resp: 124

Ion Ratio Lower Upper

119 100

134 53.2 12.9 38.7#

91 56.5 12.3 36.8#



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): VF0

12.50

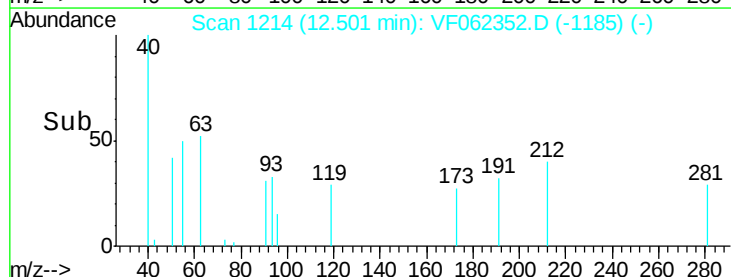
150

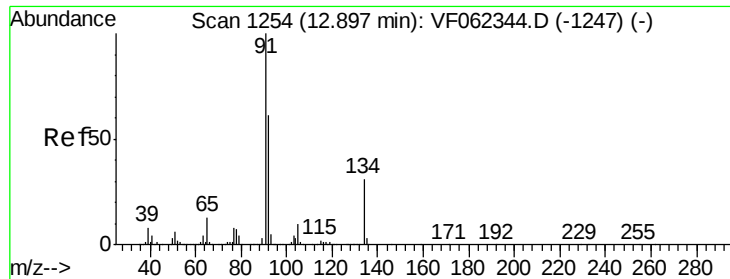
100

50

0

Time--> 12.45 12.50





#89

n-Butylbenzene

Concen: 24.765 ug/l

RT: 12.75 min Scan# 1239

Delta R.T. -0.15 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

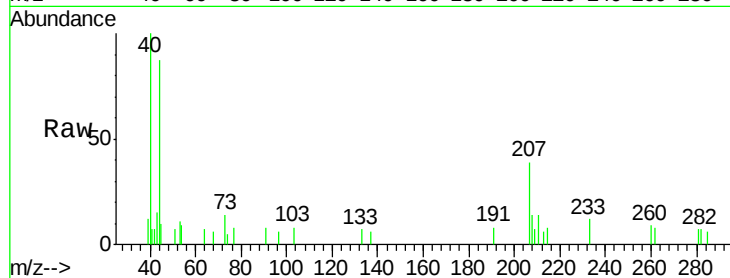
Tot Ion: 91 Resp: 83

Ion Ratio Lower Upper

91 100

92 0.0 30.0 90.0#

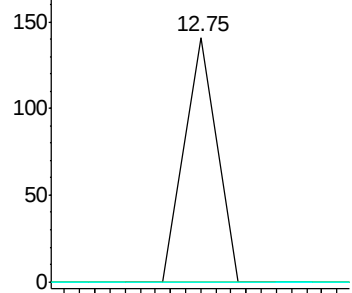
134 0.0 14.1 42.4#



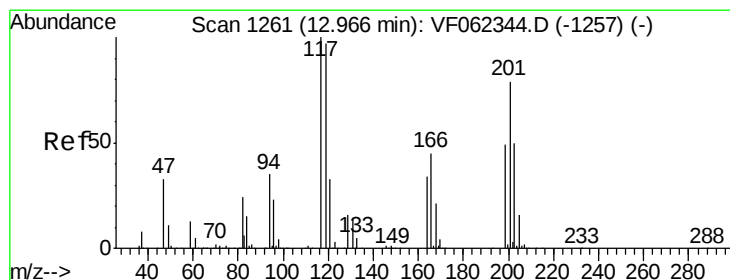
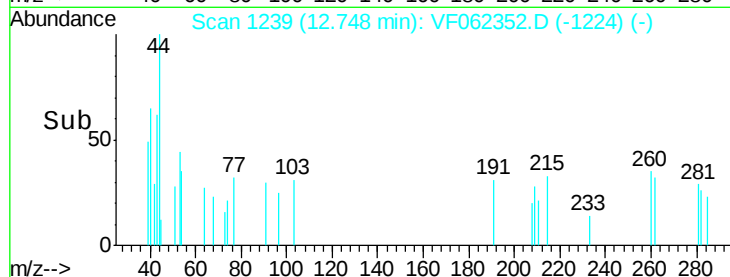
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



Time-->



#90

Hexachloroethane

Concen: 71.231 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.03 min

Lab File: VF062352.D

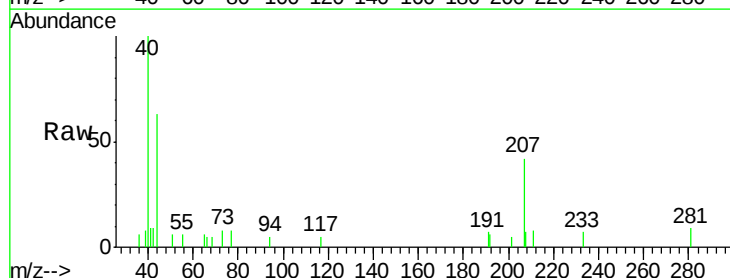
Acq: 7 May 2019 12:45

Tgt Ion: 117 Resp: 67

Ion Ratio Lower Upper

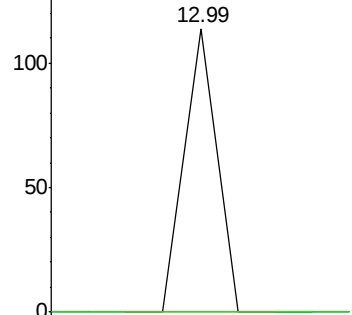
117 100

201 0.0 46.2 138.5#

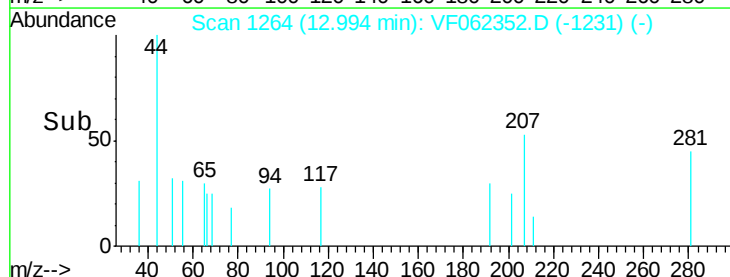


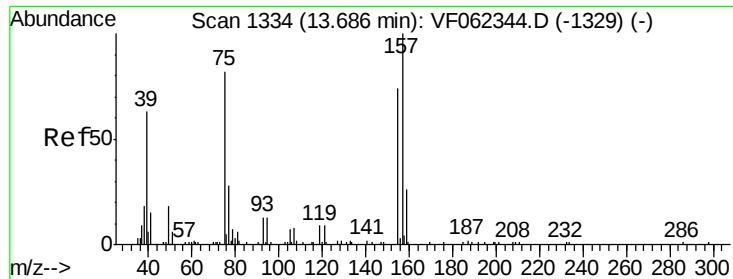
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 1190.364 ug/l

RT: 13.66 min Scan# 1332

Delta R.T. -0.02 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

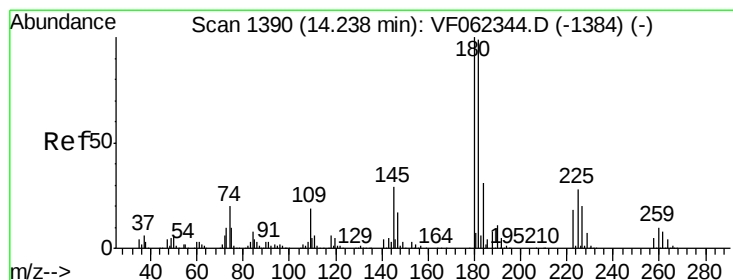
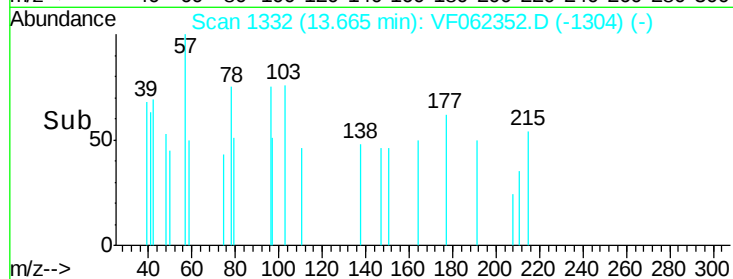
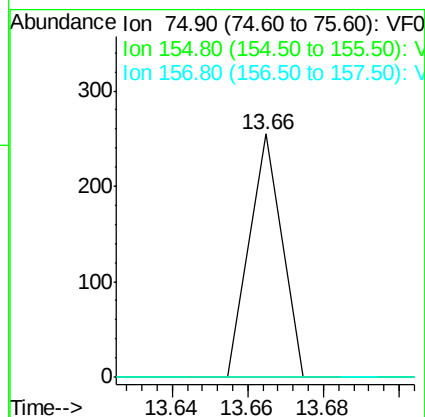
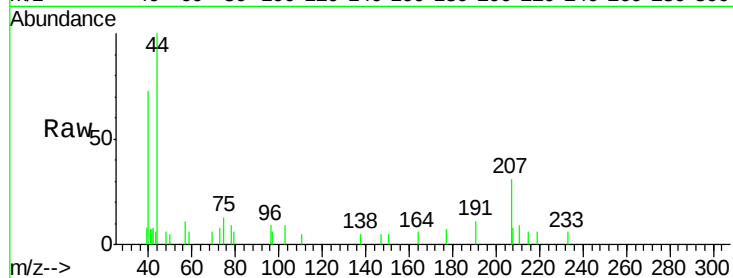
Tot Ion: 75 Resp: 151

Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

157 0.0 67.3 201.8#



#93

1,2,4-Trichlorobenzene

Concen: 42.529 ug/l

RT: 14.23 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

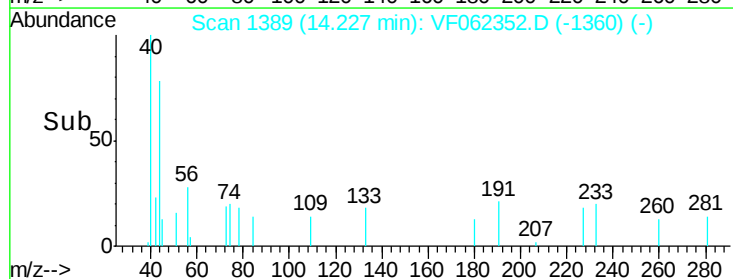
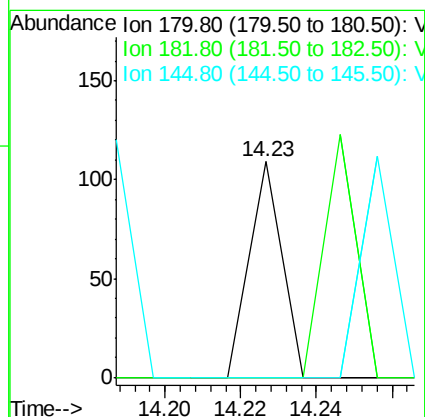
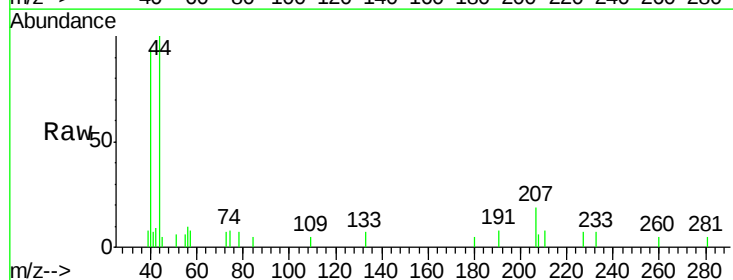
Tgt Ion: 180 Resp: 64

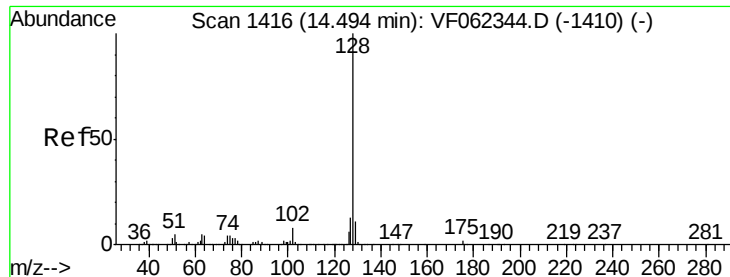
Ion Ratio Lower Upper

180 100

182 0.0 49.0 147.0#

145 0.0 16.7 50.1#





#95

Naphthalene

Concen: 95.914 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-003

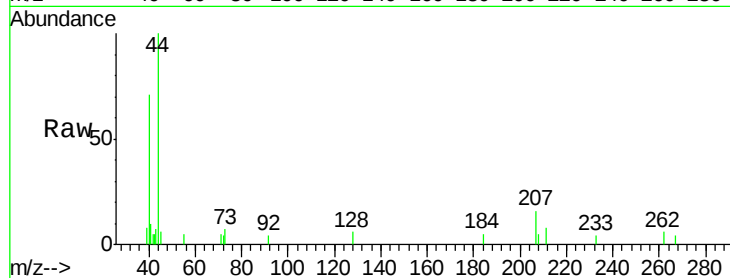
Tot Ion:128 Resp: 217

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

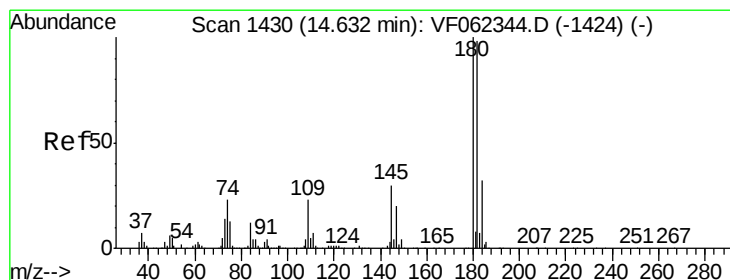
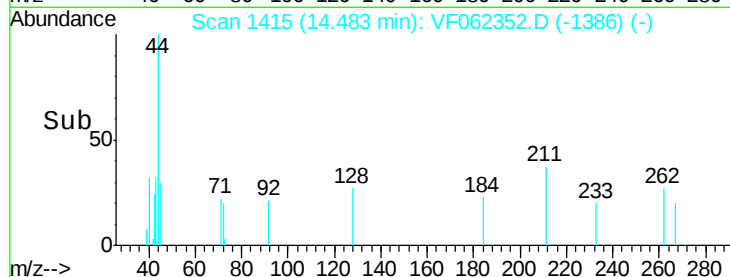
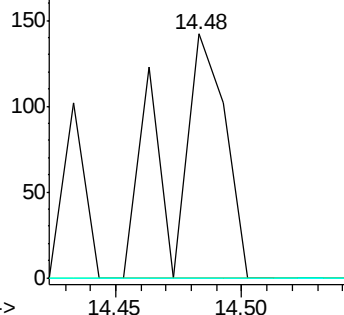
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.444 ug/l

RT: 14.63 min Scan# 1430

Delta R.T. -0.00 min

Lab File: VF062352.D

Acq: 7 May 2019 12:45

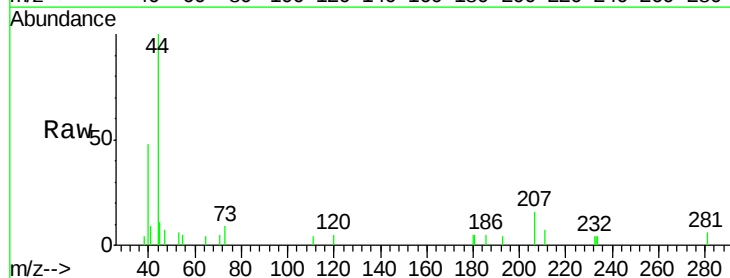
Tgt Ion:180 Resp: 75

Ion Ratio Lower Upper

180 100

182 0.0 49.4 148.0#

145 0.0 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

