

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062326.D
 Acq On : 29 Apr 2019 21:28
 Operator : FY/SY
 Sample : K2194-11RE
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Apr 30 03:51:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	1171	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	466	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.91	117	82	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.65	152	86	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.28	65	73	7.70	ug/l	0.24
Spiked Amount				50.000		
			Recovery	=	15.40%	
35) Dibromofluoromethane	4.28	113	231	66.86	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	133.72%	
50) Toluene-d8	7.70	98	503	59.60	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	119.20%	
62) 4-Bromofluorobenzene	11.44	95	382	109.81	ug/l	-0.07
Spiked Amount				50.000		
			Recovery	=	219.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	65	4.671	ug/l #	40
3) Chloromethane	1.17	50	78	6.653	ug/l #	44
4) Vinyl Chloride	1.19	62	73	6.575	ug/l #	44
5) Bromomethane	1.43	94	88	11.671	ug/l #	6
6) Chloroethane	1.48	64	135	27.737	ug/l #	42
7) Trichlorofluoromethane	1.52	101	73	4.138	ug/l #	15
8) Diethyl Ether	1.76	74	137	42.863	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	1.85	101	62	5.600	ug/l #	11
10) Methyl Iodide	1.99	142	62	3.204	ug/l #	1
11) Tert butyl alcohol	2.69	59	69	120.256	ug/l #	1
12) 1,1-Dichloroethene	1.84	96	65	6.580	ug/l #	1
13) Acrolein	2.12	56	209	383.948	ug/l #	10
14) Allyl chloride	2.23	41	246	22.880	ug/l #	24
15) Acrylonitrile	3.09	53	76	47.824	ug/l #	68
16) Acetone	2.37	43	900	423.787	ug/l #	56
17) Carbon Disulfide	1.93	76	145	5.577	ug/l #	1
18) Methyl Acetate	2.50	43	619	163.545	ug/l #	59
19) Methyl tert-butyl Ether	2.56	73	482	25.592	ug/l #	57
20) Methylene Chloride	2.29	84	71	2.855	ug/l #	2
21) trans-1,2-Dichloroethene	2.46	96	149	15.262	ug/l #	1
22) Diisopropyl ether	2.97	45	102	3.524	ug/l #	18
23) Vinyl Acetate	3.34	43	480	37.398	ug/l #	78
24) 1,1-Dichloroethane	3.11	63	134	8.111	ug/l #	89
25) 2-Butanone	4.50	43	77	22.866	ug/l #	57
26) 2,2-Dichloropropane	3.80	77	212	24.712	ug/l #	56
27) cis-1,2-Dichloroethene	3.64	96	144	11.647	ug/l #	1
28) Bromochloromethane	3.95	49	102	14.652	ug/l #	2
29) Tetrahydrofuran	4.25	42	114	77.047	ug/l #	52
30) Chloroform	3.95	83	69	3.326	ug/l #	18
31) Cyclohexane	3.88	56	163	10.369	ug/l #	16
32) 1,1,1-Trichloroethane	4.22	97	96	5.894	ug/l #	30
36) 1,1-Dichloropropene	4.48	75	68	15.817	ug/l #	1
37) Ethyl Acetate	4.28	43	550	304.087	ug/l #	26
38) Carbon Tetrachloride	4.07	117	64	14.643	ug/l #	12

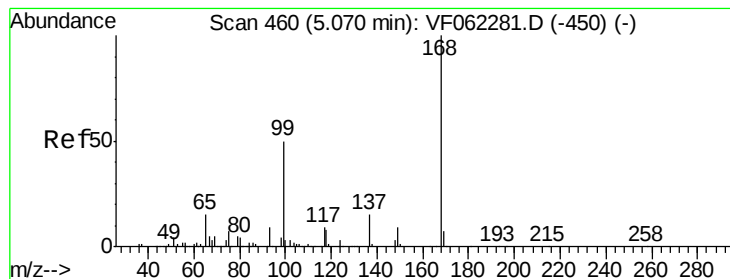
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.60	83	66	13.151	ug/l #	15
40) Benzene	4.79	78	70	6.739	ug/l #	1
41) Methacrylonitrile	4.90	41	190	189.091	ug/l #	1
42) 1,2-Dichloroethane	5.15	62	77	23.399	ug/l #	76
43) Isopropyl Acetate	7.11	43	446	241.447	ug/l #	70
44) Trichloroethene	5.61	130	79	22.479	ug/l	3
45) 1,2-Dichloropropane	6.31	63	61	26.047	ug/l #	45
46) Dibromomethane	6.41	93	279	164.984	ug/l #	11
48) Methyl methacrylate	6.80	41	239	180.362	ug/l #	17
49) 1,4-Dioxane	6.85	88	73	4784.166	ug/l #	1
51) 4-Methyl-2-Pentanone	8.36	43	778	545.928	ug/l #	38
52) Toluene	7.85	92	63	10.511	ug/l #	1
53) t-1,3-Dichloropropene	8.29	75	94	32.155	ug/l #	41
54) cis-1,3-Dichloropropene	7.39	75	132	35.247	ug/l #	7
55) 1,1,2-Trichloroethane	8.55	97	60	35.247	ug/l #	14
56) Ethyl methacrylate	8.71	69	99	52.937	ug/l #	1
57) 1,3-Dichloropropane	8.96	76	68	25.406	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.42	63	71	124.766	ug/l #	44
59) 2-Hexanone	9.58	43	427	505.360	ug/l	96
60) Dibromochloromethane	8.82	129	79	28.594	ug/l	98
65) Chlorobenzene	9.80	112	67	44.713	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.17	131	153	216.772	ug/l #	62
67) Ethyl Benzene	10.02	91	161	61.803	ug/l #	43
69) o-Xylene	10.69	106	62	57.218	ug/l #	1
70) Styrene	10.89	104	74	47.241	ug/l #	30
71) Bromoform	11.01	173	60	151.022	ug/l #	27
73) Isopropylbenzene	11.23	105	67	11.371	ug/l #	50
74) N-amyl acetate	11.49	43	881	648.922	ug/l #	58
75) 1,1,1,2-Tetrachloroethane	11.85	83	70	74.776	ug/l #	23
76) 1,2,3-Trichloropropane	11.85	75	72	108.404	ug/l #	100
78) n-propylbenzene	11.68	91	70	11.290	ug/l #	1
79) 2-Chlorotoluene	11.79	91	231	61.856	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	62	12.464	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.90	75	108	363.777	ug/l #	94
82) 4-Chlorotoluene	11.94	91	79	21.379	ug/l #	29
83) tert-Butylbenzene	12.19	119	62	12.145	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.28	105	59	12.247	ug/l #	29
85) sec-Butylbenzene	12.38	105	72	11.324	ug/l #	56
86) p-Isopropyltoluene	12.54	119	190	33.331	ug/l #	50
89) n-Butylbenzene	12.88	91	181	34.945	ug/l #	28
90) Hexachloroethane	13.01	117	67	46.888	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.68	75	169	894.888	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.39	180	62	28.212	ug/l #	1
95) Naphthalene	14.49	128	60	17.623	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.39	180	62	29.830	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

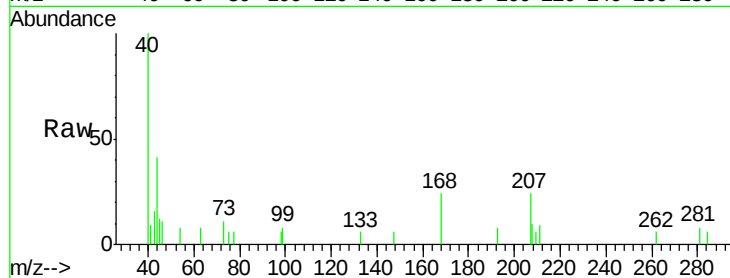
ClientSampled :

Tot Ion:168 Resp: 1171

Ion Ratio Lower Upper

168 100

99 34.0 40.0 60.0#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

400

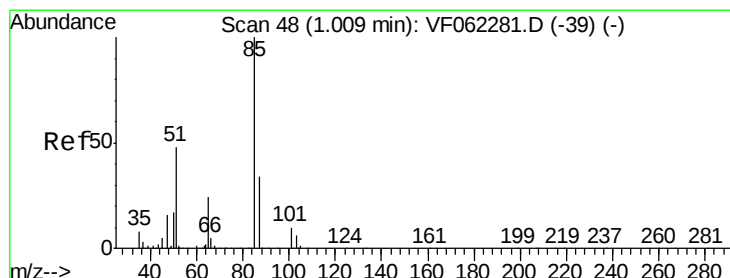
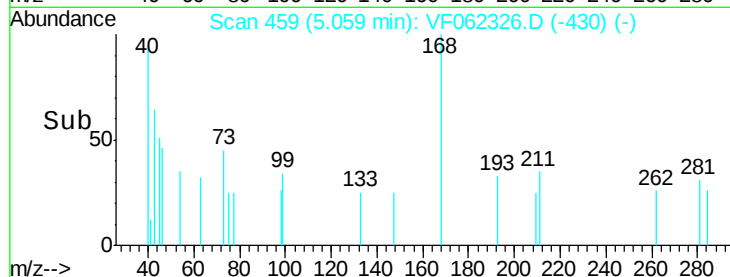
300

200

100

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.671 ug/l

RT: 0.99 min Scan# 46

Delta R.T. -0.02 min

Lab File: VF062326.D

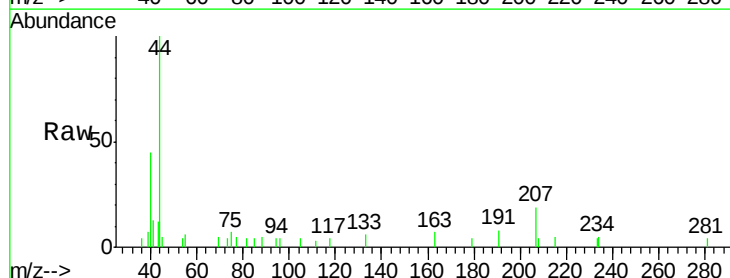
Acq: 29 Apr 2019 21:28

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

85 100

87 0.0 17.1 51.3#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

200

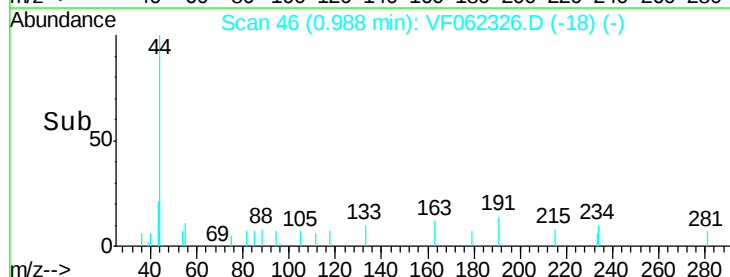
150

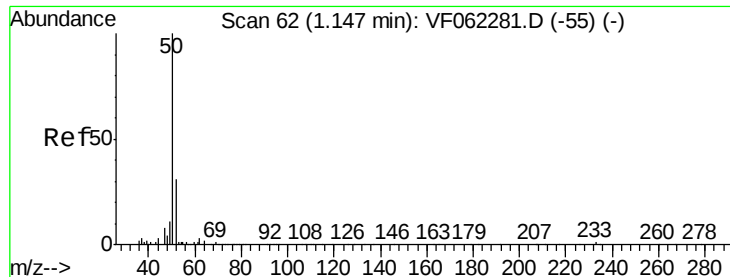
100

50

0

Time-->





#3

Chloromethane

Concen: 6.653 ug/l

RT: 1.17 min Scan# 64

Delta R.T. 0.02 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

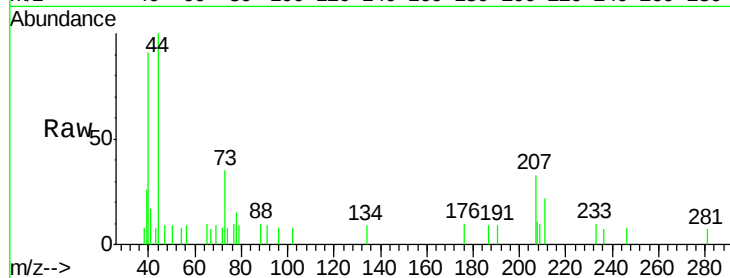
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 78

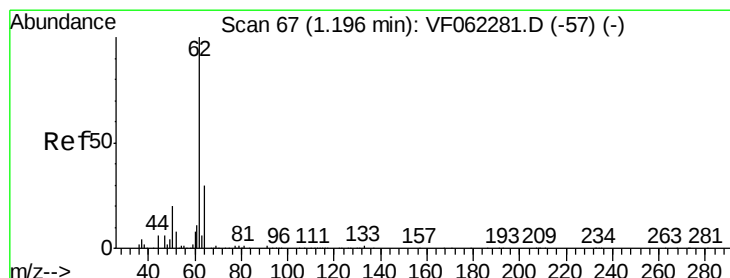
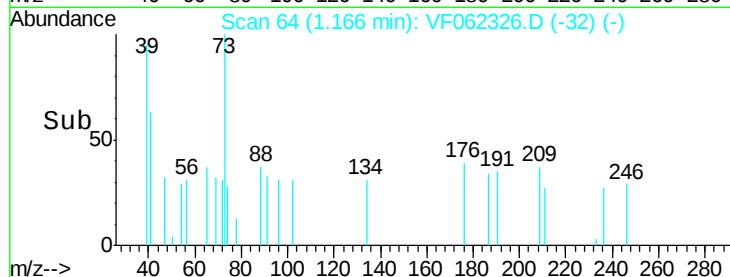
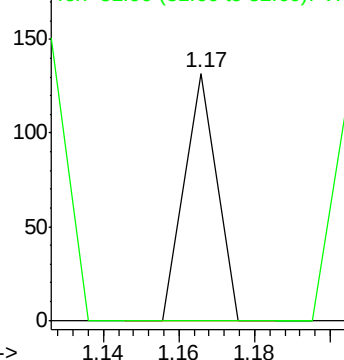
Ion Ratio Lower Upper

50 100

52 0.0 24.2 36.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0
Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 6.575 ug/l

RT: 1.19 min Scan# 66

Delta R.T. -0.01 min

Lab File: VF062326.D

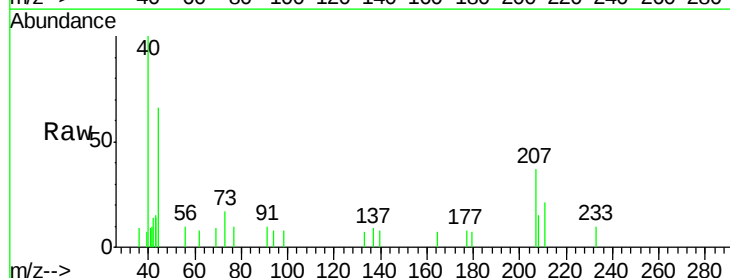
Acq: 29 Apr 2019 21:28

Tgt Ion: 62 Resp: 73

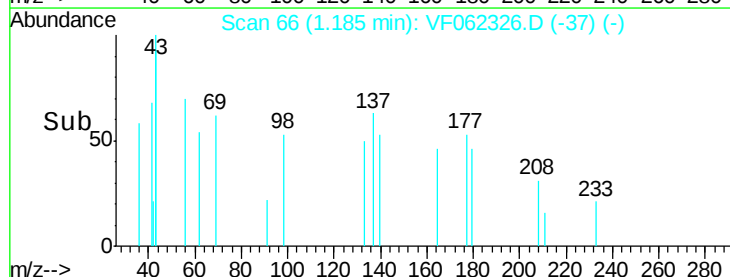
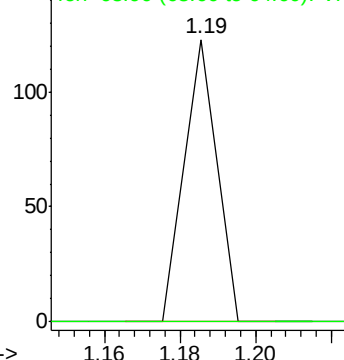
Ion Ratio Lower Upper

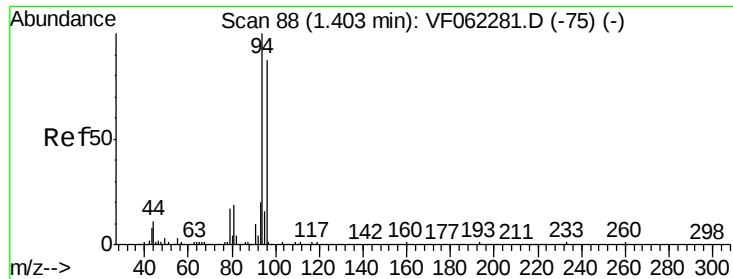
62 100

64 0.0 24.3 36.5#



Abundance Ion 61.90 (61.60 to 62.60): VF0
Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 11.671 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.03 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

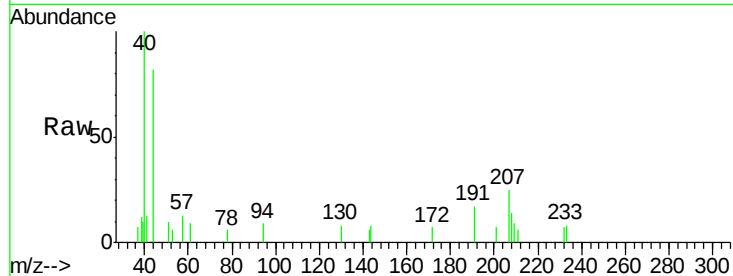
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 88

Ion Ratio Lower Upper

94 100

96 0.0 69.5 104.3#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

200

150

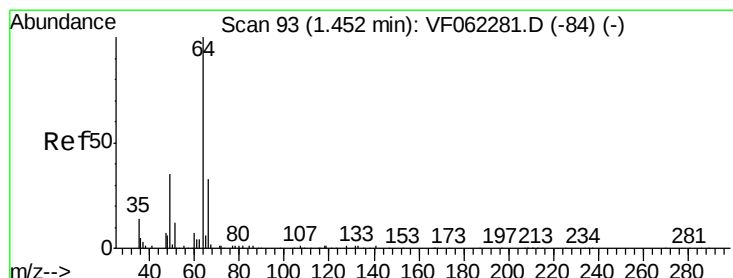
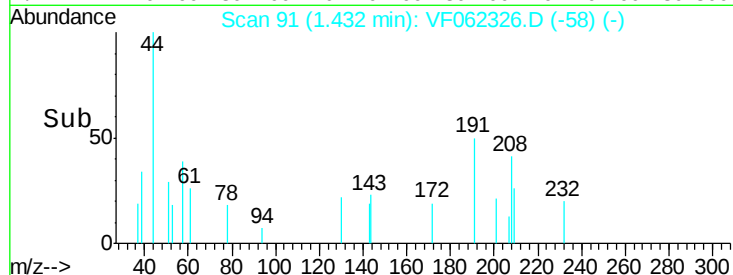
100

50

0

1.40 1.42 1.44 1.46

Time-->



#6

Chloroethane

Concen: 27.737 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.03 min

Lab File: VF062326.D

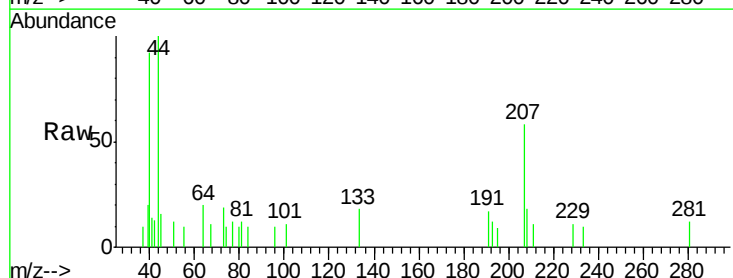
Acq: 29 Apr 2019 21:28

Tgt Ion: 64 Resp: 135

Ion Ratio Lower Upper

64 100

66 0.0 26.0 39.0#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

250

200

150

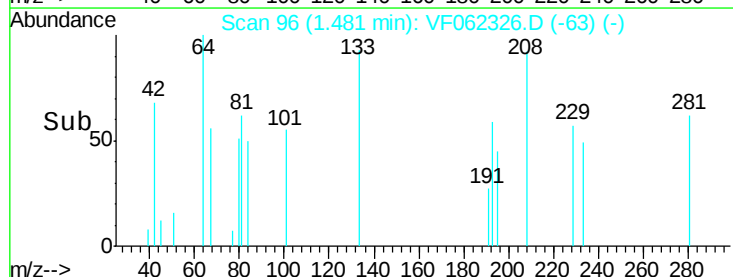
100

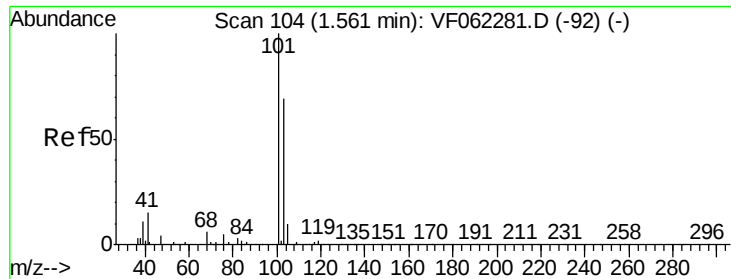
50

0

1.46 1.48 1.50

Time-->



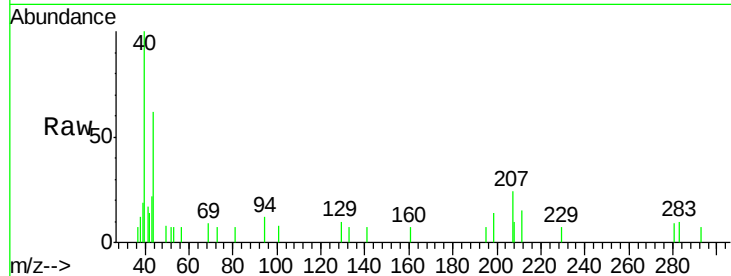


#7

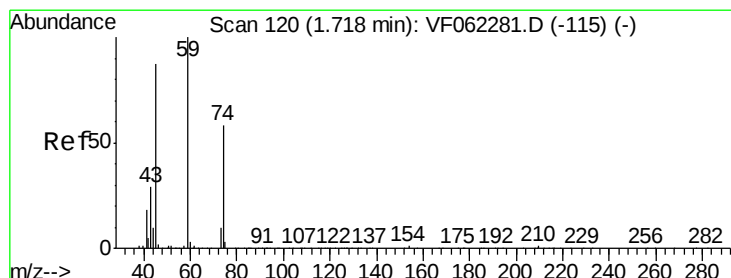
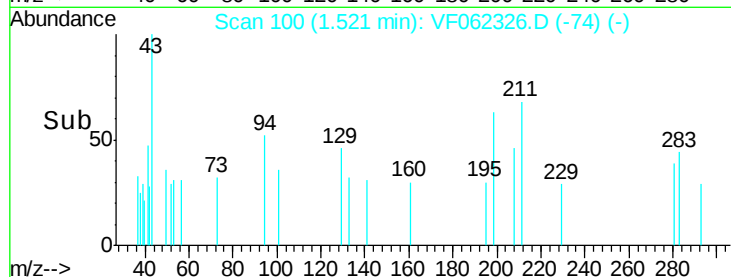
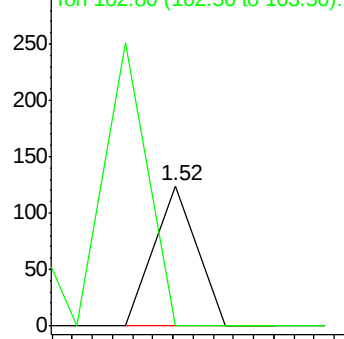
Trichlorofluoromethane
Concen: 4.138 ug/l
RT: 1.52 min Scan# 100
Delta R.T. -0.04 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:101 Resp: 73
Ion Ratio Lower Upper
101 100
103 0.0 55.0 82.6#



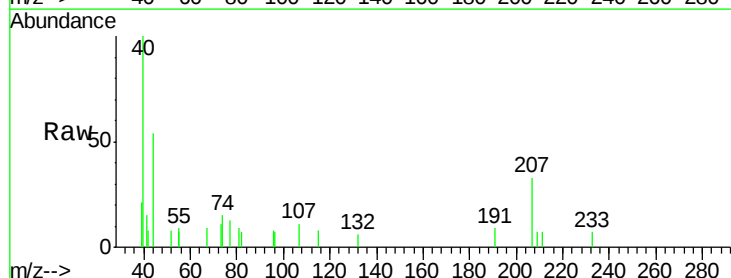
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



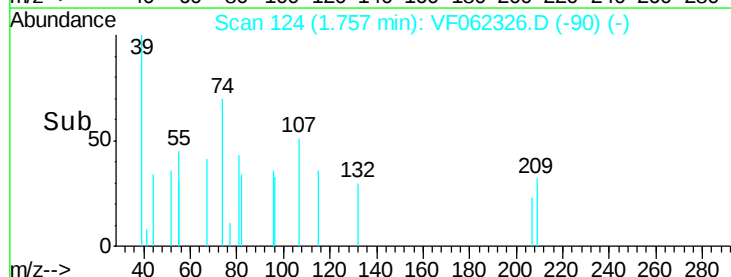
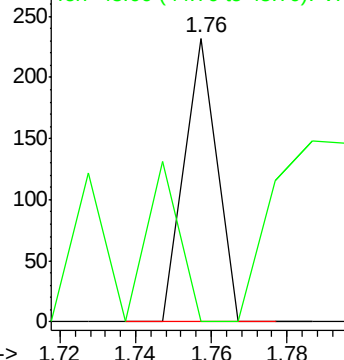
#8

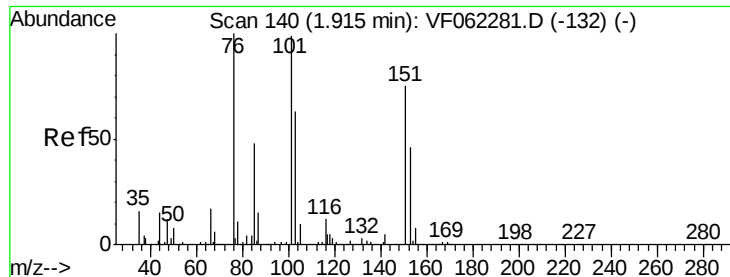
Diethyl Ether
Concen: 42.863 ug/l
RT: 1.76 min Scan# 124
Delta R.T. 0.04 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 74 Resp: 137
Ion Ratio Lower Upper
74 100
45 109.5 74.0 222.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.600 ug/l

RT: 1.85 min Scan# 133

Delta R.T. -0.07 min

Lab File: VF062326.D

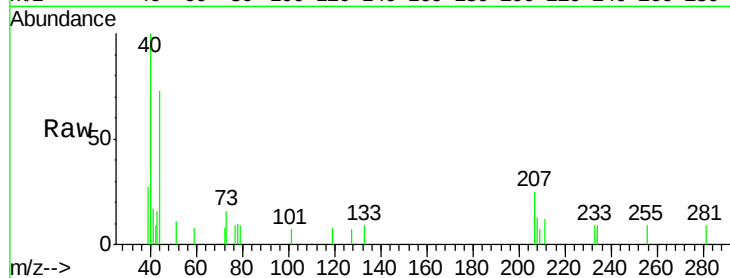
Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

ClientSampled :

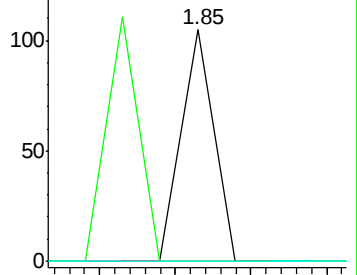
Tot Ion:	101	Resp:	62
Ion	Ratio	Lower	Upper
101	100		
85	106.5	36.5	54.7#
151	0.0	59.2	88.8#



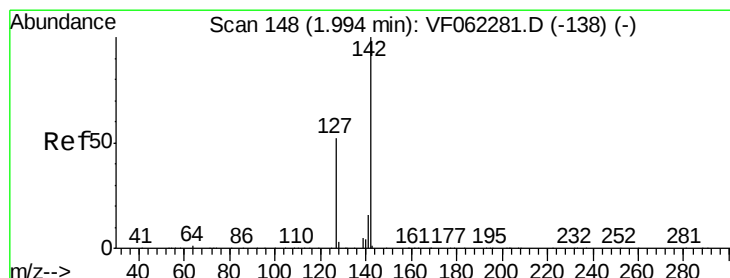
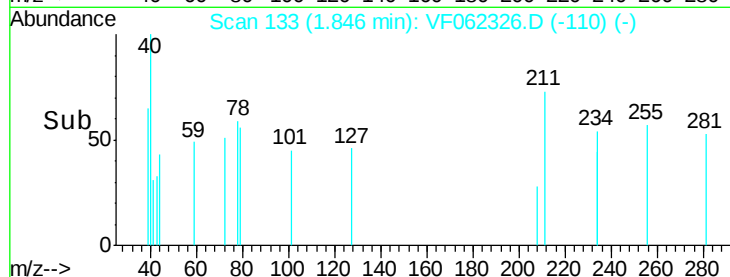
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 3.204 ug/l

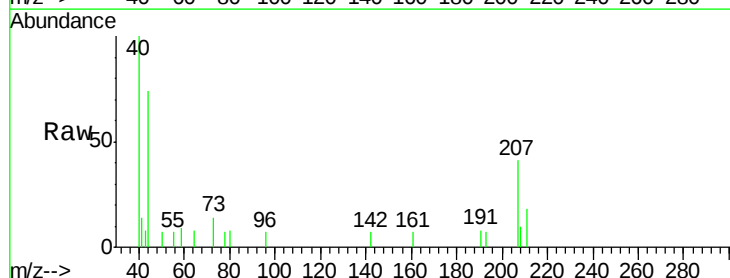
RT: 1.99 min Scan# 148

Delta R.T. -0.00 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

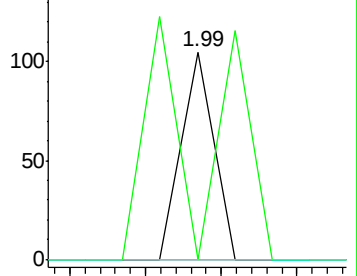
Tgt Ion:	142	Resp:	62
Ion	Ratio	Lower	Upper
142	100		
127	227.4	43.0	64.4#
141	0.0	12.3	18.5#



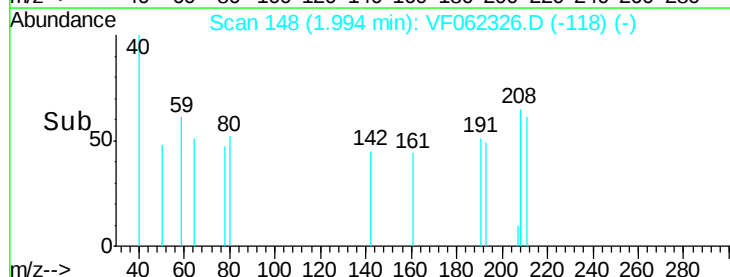
Abundance Ion 141.80 (141.50 to 142.50): V

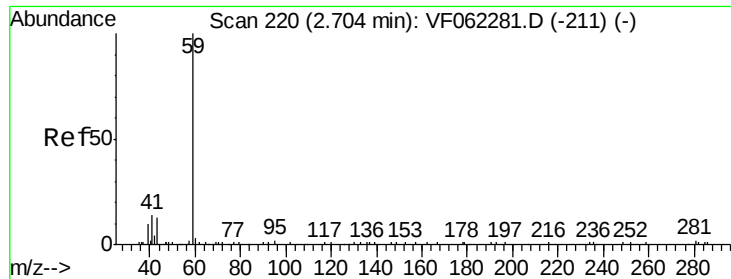
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

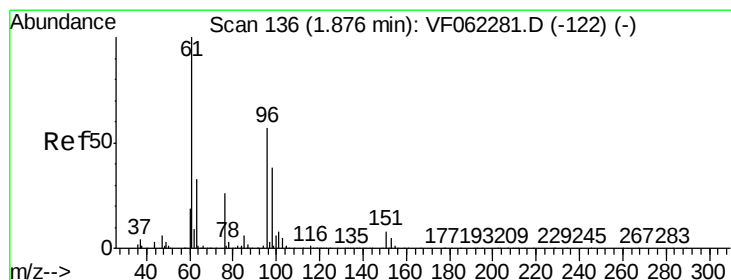
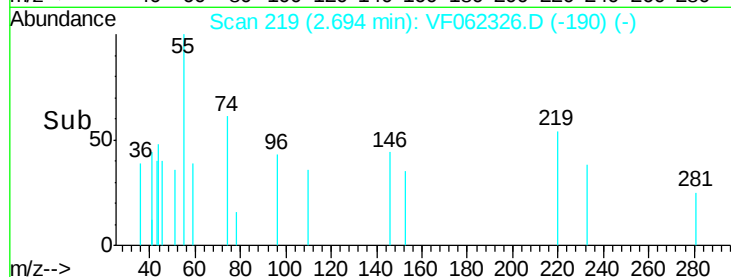
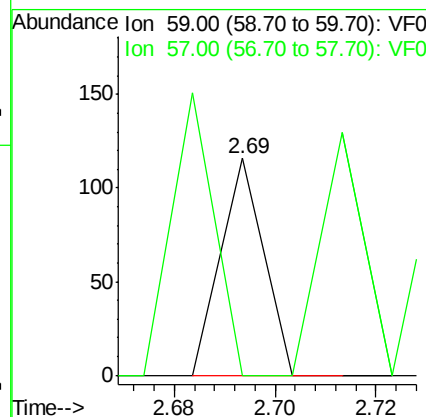
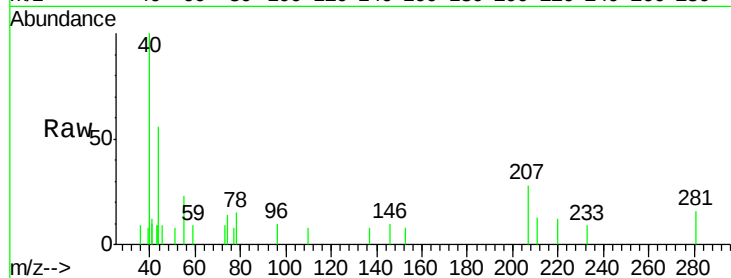




#11
Tert butyl alcohol
Concen: 120.256 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

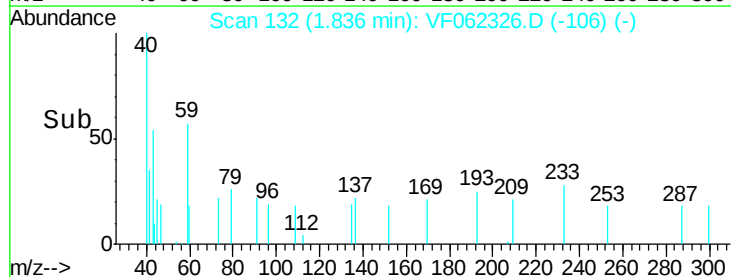
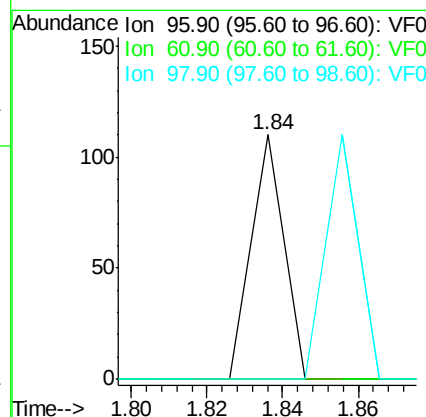
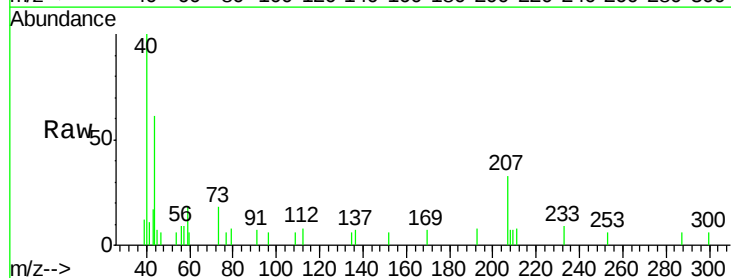
Instrument :
MSVOA_F
ClientSampled :

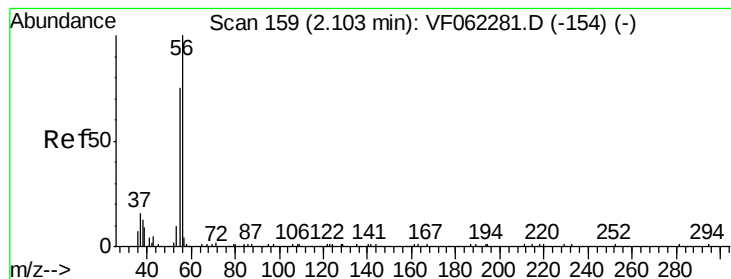
Tot Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 129.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 6.580 ug/l
RT: 1.84 min Scan# 132
Delta R.T. -0.04 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 96 Resp: 65
Ion Ratio Lower Upper
96 100
61 0.0 141.1 211.7#
98 0.0 53.4 80.0#





#13

Acrolein

Concen: 383.948 ug/l

RT: 2.12 min Scan# 161

Delta R.T. 0.02 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

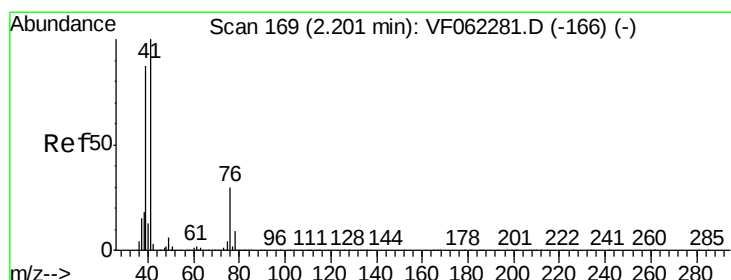
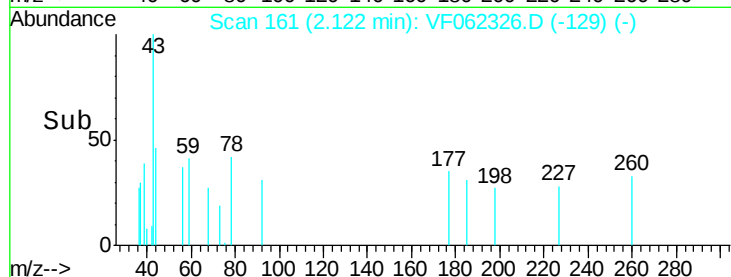
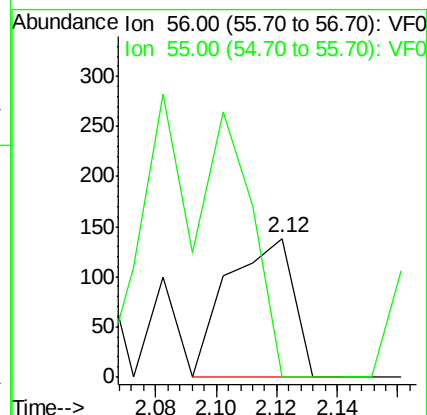
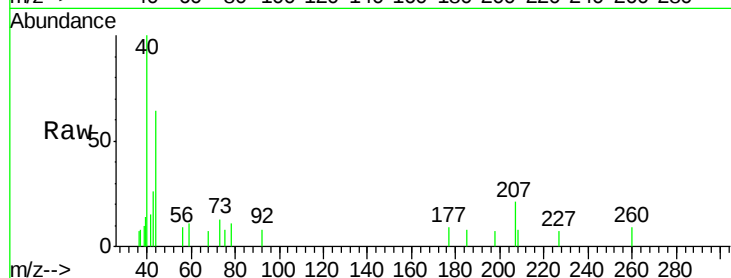
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 209

Ion Ratio Lower Upper

56 100

55 0.0 62.3 93.5#



#14

Allyl chloride

Concen: 22.880 ug/l

RT: 2.23 min Scan# 172

Delta R.T. 0.03 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

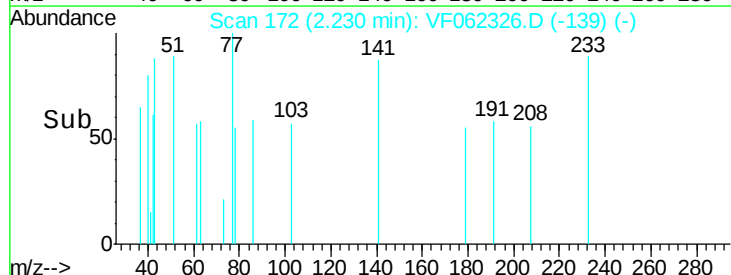
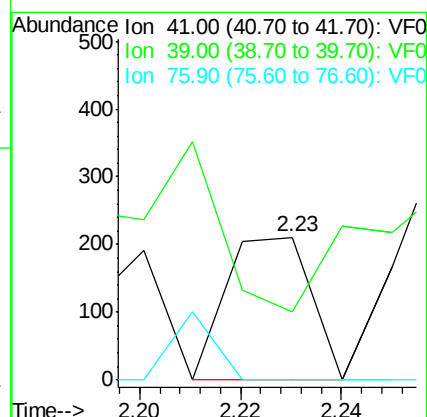
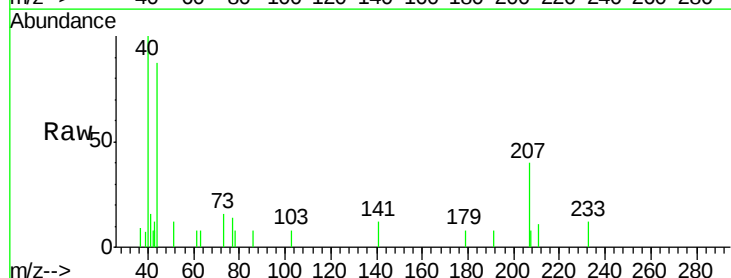
Tgt Ion: 41 Resp: 246

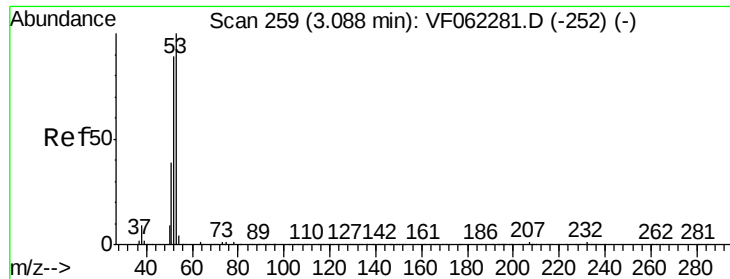
Ion Ratio Lower Upper

41 100

39 136.2 50.3 75.5#

76 24.0 14.8 22.2#





#15

Acrylonitrile

Concen: 47.824 ug/l

RT: 3.09 min Scan# 259

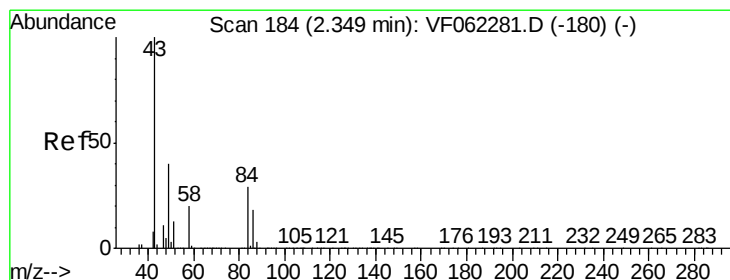
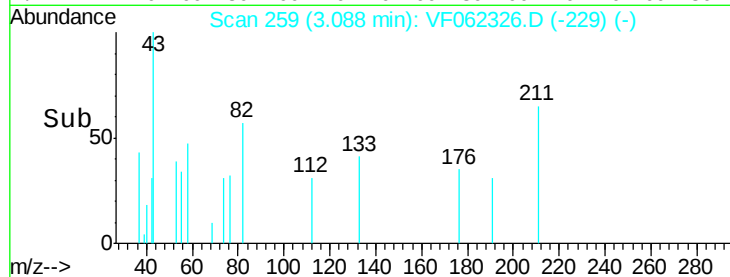
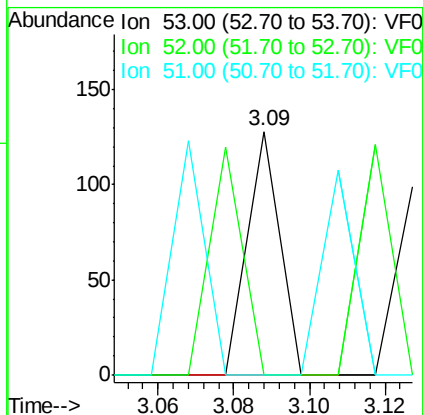
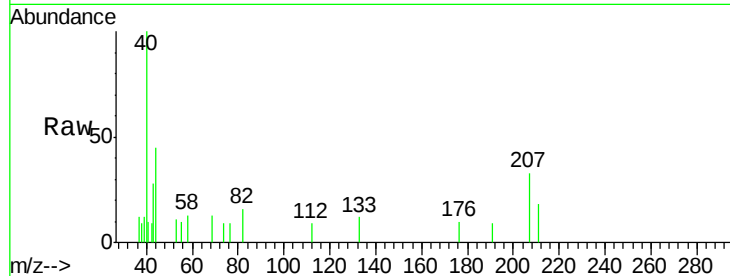
Delta R.T. -0.00 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	53	Resp:	76
Ion	Ratio	Lower	Upper
53	100		
52	93.4	70.6	105.8
51	96.1	32.6	48.8#



#16

Acetone

Concen: 423.787 ug/l

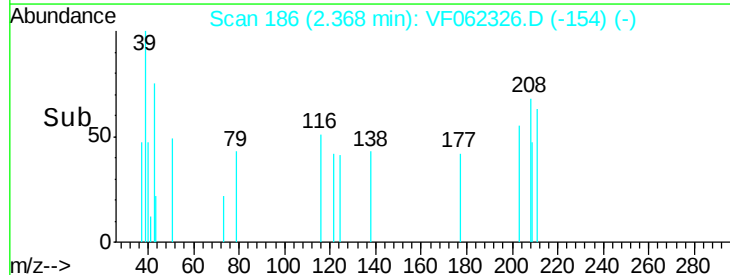
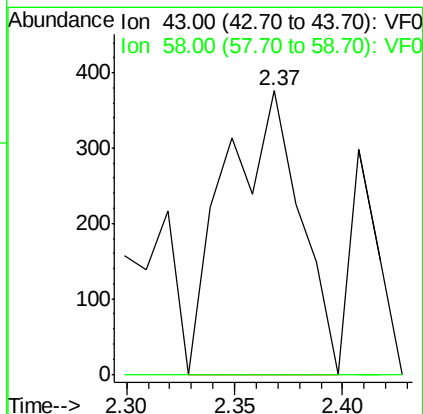
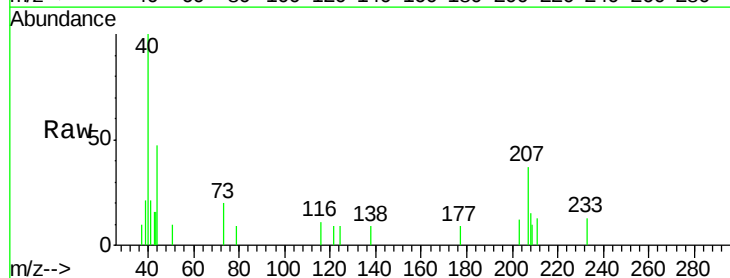
RT: 2.37 min Scan# 186

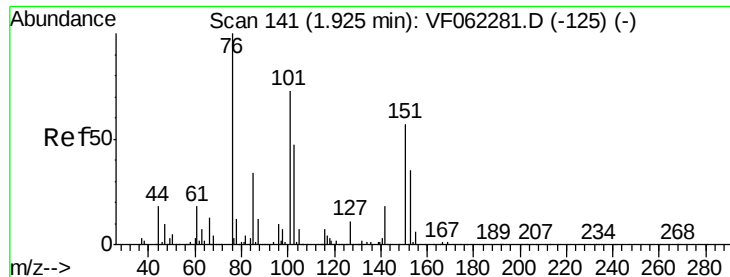
Delta R.T. 0.02 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion:	43	Resp:	900
Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.4	24.6#

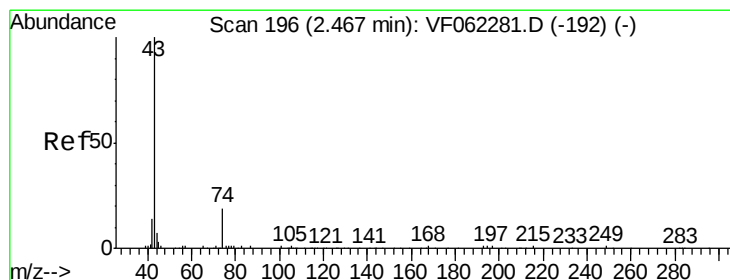
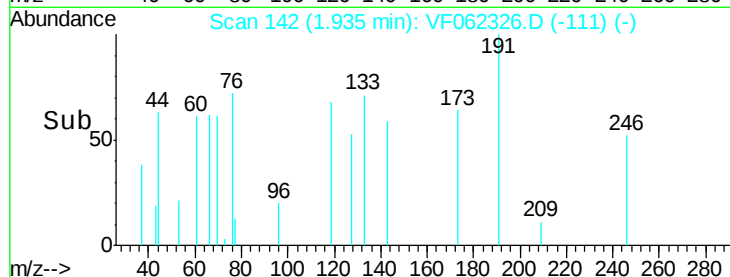
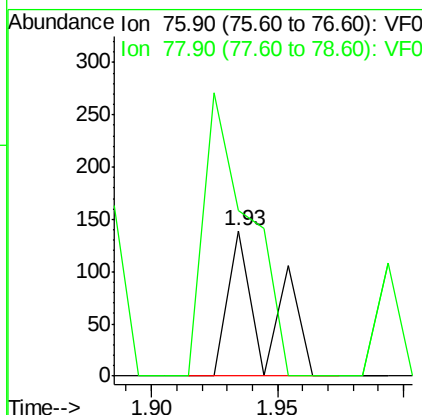
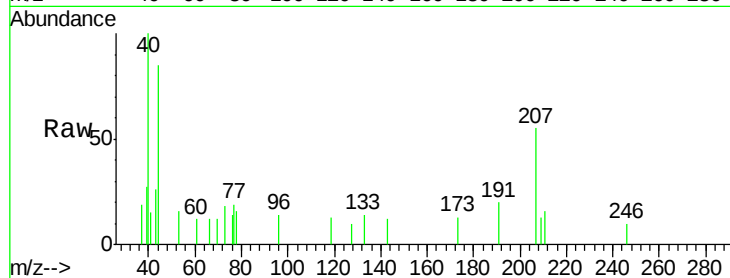




#17
Carbon Disulfide
Concen: 5.577 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.01 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

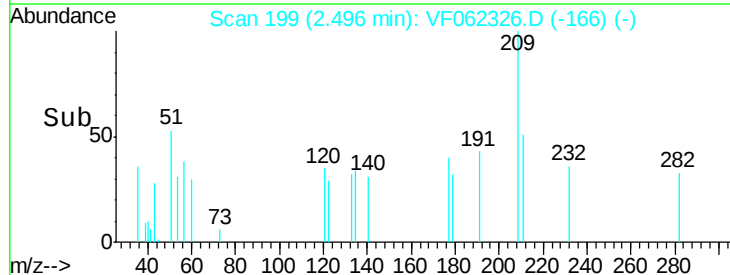
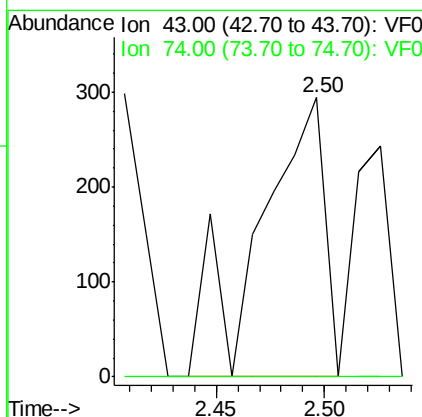
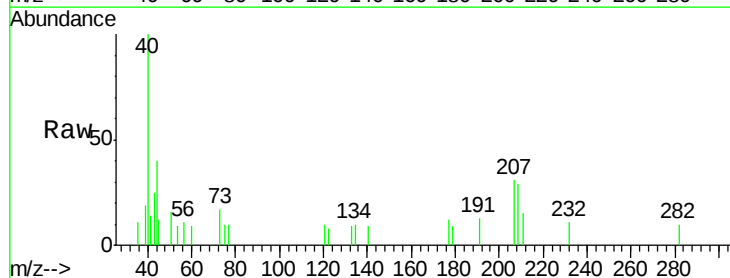
Instrument :
MSVOA_F
ClientSampleId :

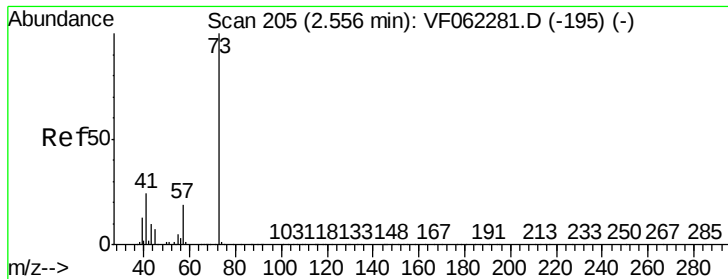
Tot Ion: 76 Resp: 145
Ion Ratio Lower Upper
76 100
78 113.7 9.8 14.8#



#18
Methyl Acetate
Concen: 163.545 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
74 0.0 14.4 21.6#



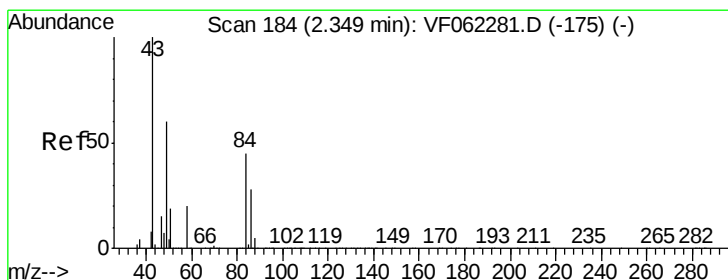
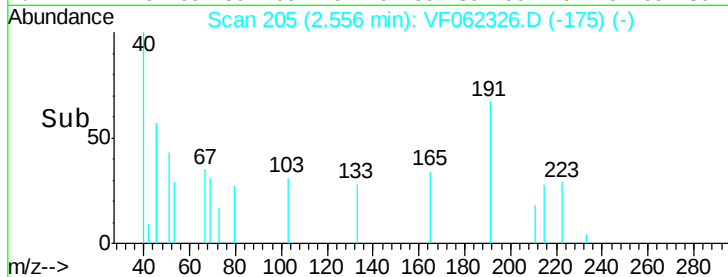
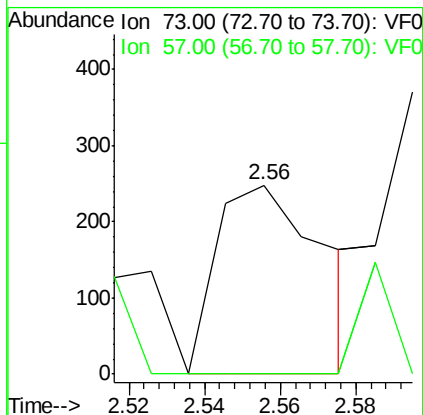
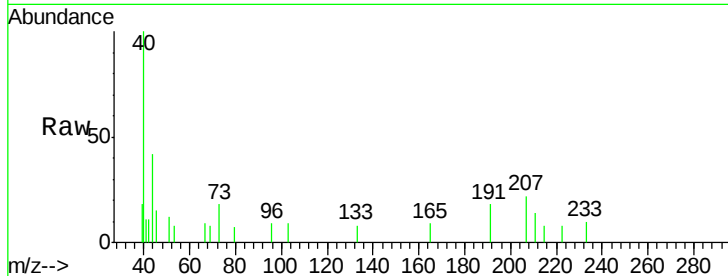


#19

Methyl tert-butyl Ether
 Concen: 25.592 ug/l
 RT: 2.56 min Scan# 205
 Delta R.T. -0.00 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Instrument :
 MSVOA_F
 ClientSampled :

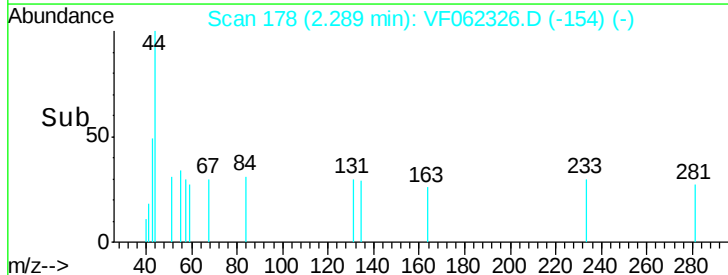
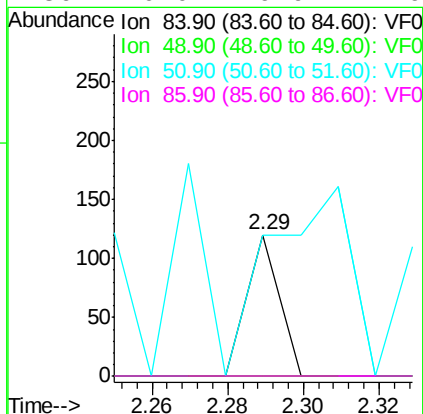
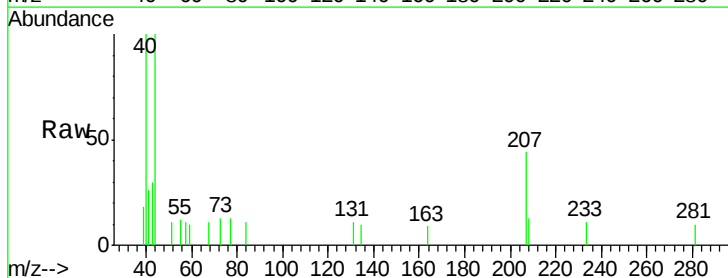
Tot Ion: 73 Resp: 482
 Ion Ratio Lower Upper
 73 100
 57 0.0 15.5 23.3#

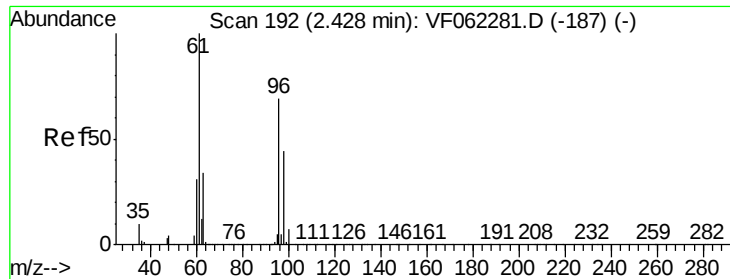


#20

Methylene Chloride
 Concen: 2.855 ug/l
 RT: 2.29 min Scan# 178
 Delta R.T. -0.06 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Tgt Ion: 84 Resp: 71
 Ion Ratio Lower Upper
 84 100
 49 0.0 112.1 168.1#
 51 0.0 35.9 53.9#
 86 0.0 49.9 74.9#





#21

trans-1,2-Dichloroethene

Concen: 15.262 ug/l

RT: 2.46 min Scan# 195

Delta R.T. 0.03 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

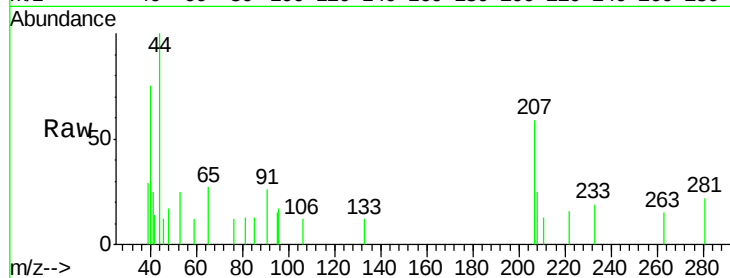
Tot Ion: 96 Resp: 149

Ion Ratio Lower Upper

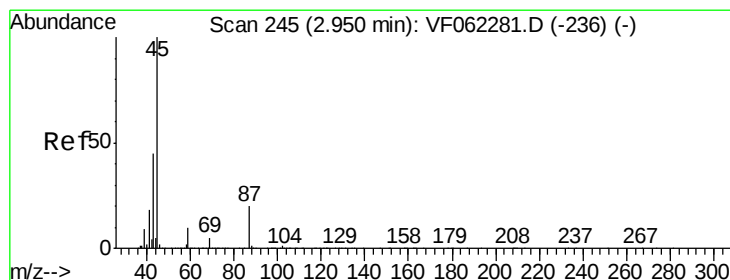
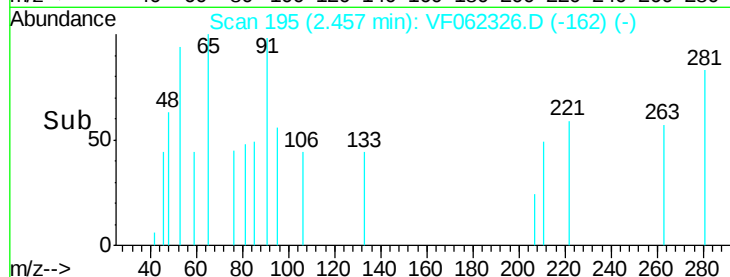
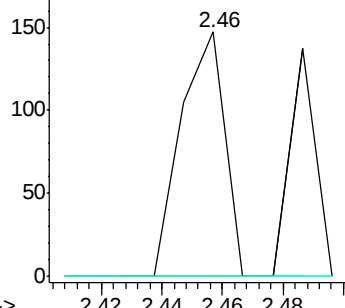
96 100

61 0.0 116.2 174.2#

98 0.0 51.4 77.0#



Abundance Ion 95.90 (95.60 to 96.60): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 3.524 ug/l

RT: 2.97 min Scan# 247

Delta R.T. 0.02 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion: 45 Resp: 102

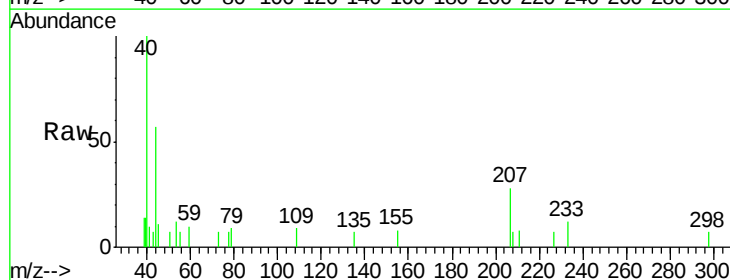
Ion Ratio Lower Upper

45 100

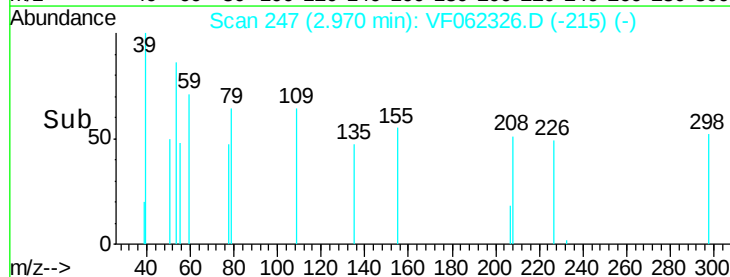
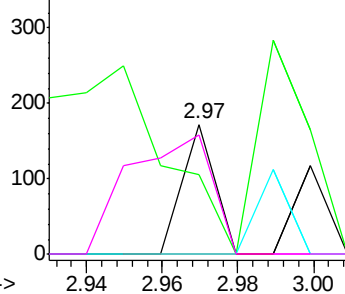
43 0.0 36.2 54.2#

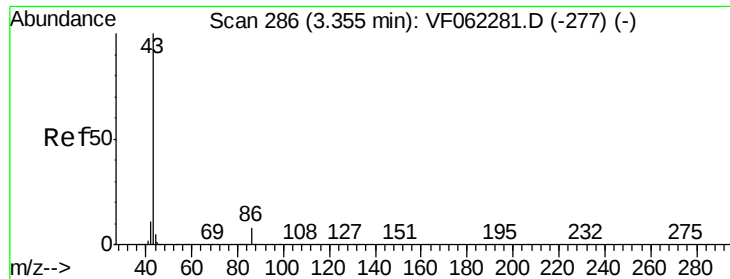
87 0.0 15.8 23.6#

59 91.9 7.8 11.8#



Abundance Ion 45.00 (44.70 to 45.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 87.00 (86.70 to 87.70): VF0
Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 37.398 ug/l

RT: 3.34 min Scan# 285

Delta R.T. -0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

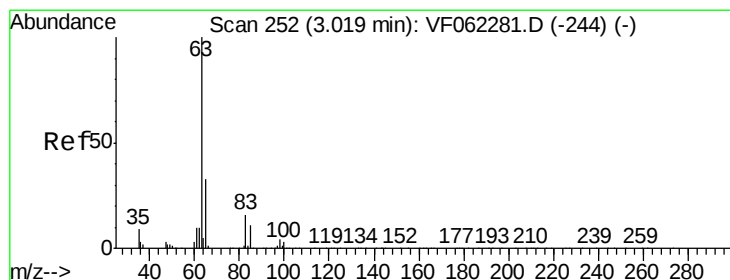
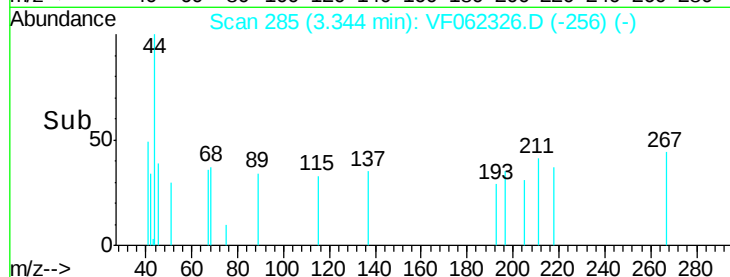
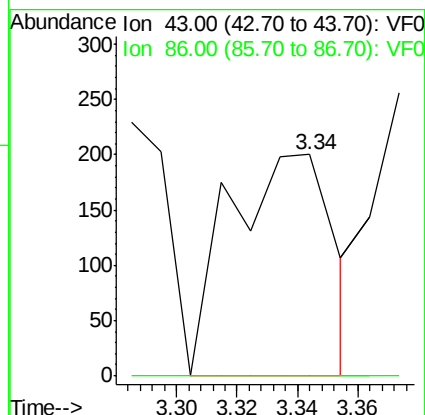
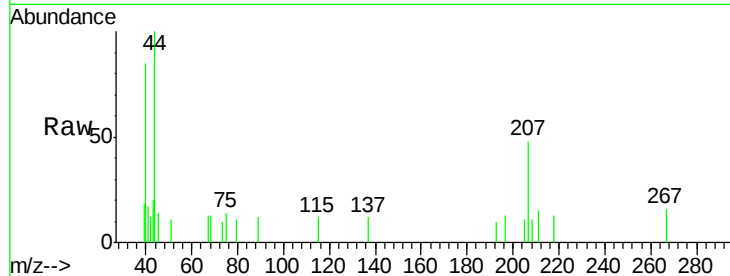
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

86 0.0 6.0 9.0#



#24

1,1-Dichloroethane

Concen: 8.111 ug/l

RT: 3.11 min Scan# 261

Delta R.T. 0.09 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

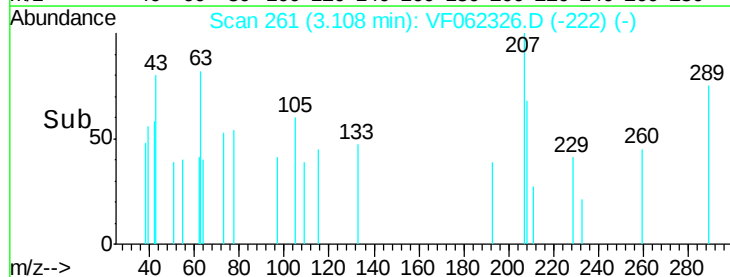
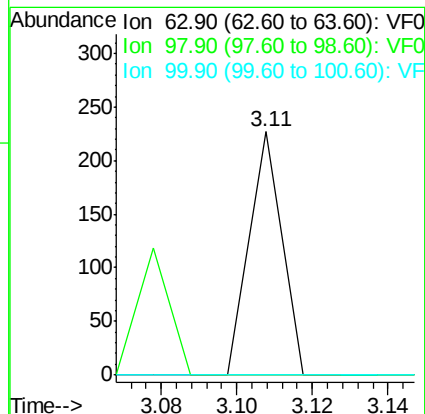
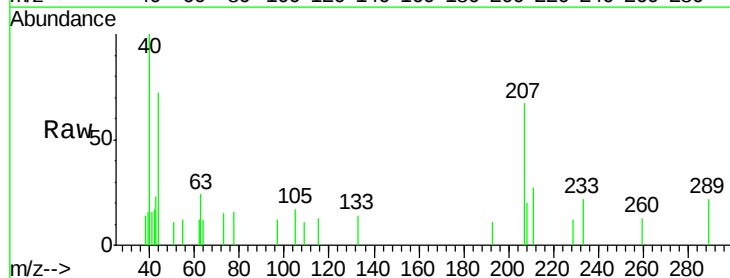
Tgt Ion: 63 Resp: 134

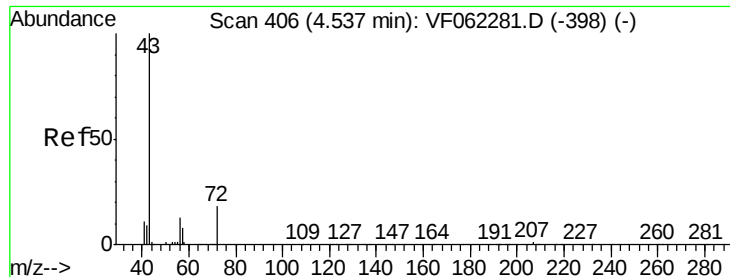
Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.2#

100 0.0 1.5 4.5#





#25

2-Butanone

Concen: 22.866 ug/l

RT: 4.50 min Scan# 402

Delta R.T. -0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

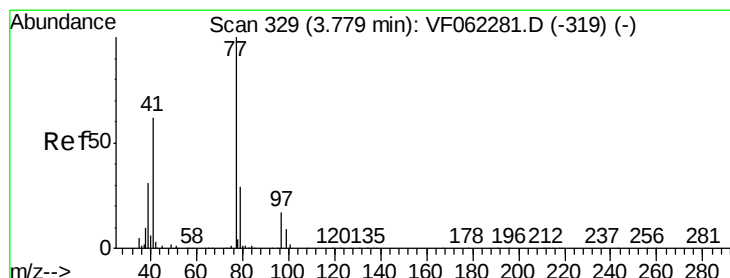
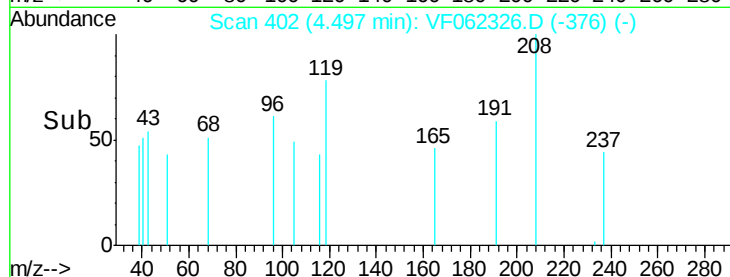
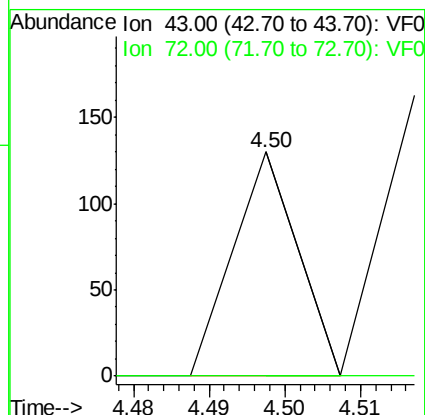
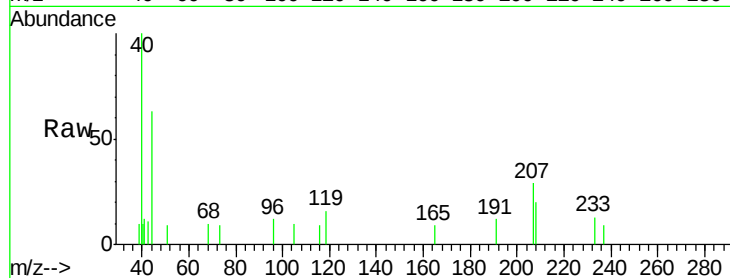
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

72 0.0 15.8 23.6#



#26

2,2-Dichloropropane

Concen: 24.712 ug/l

RT: 3.80 min Scan# 331

Delta R.T. 0.02 min

Lab File: VF062326.D

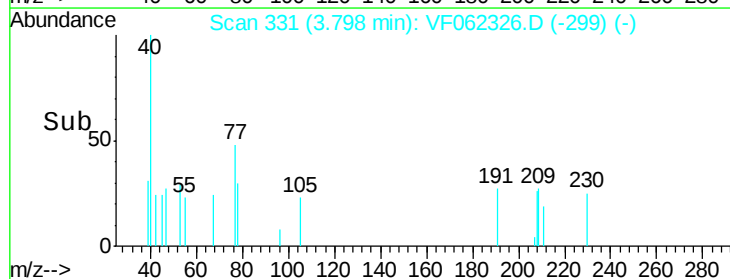
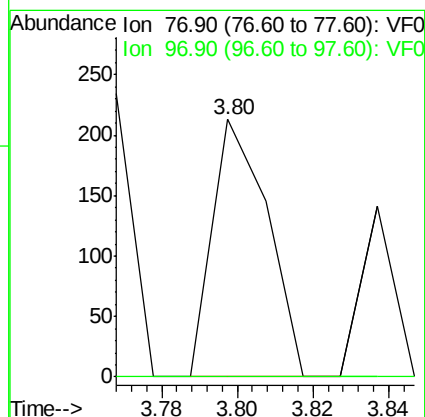
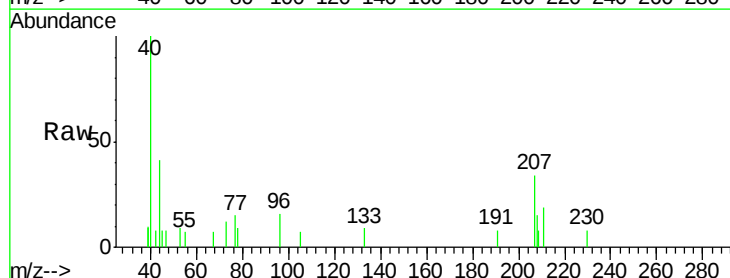
Acq: 29 Apr 2019 21:28

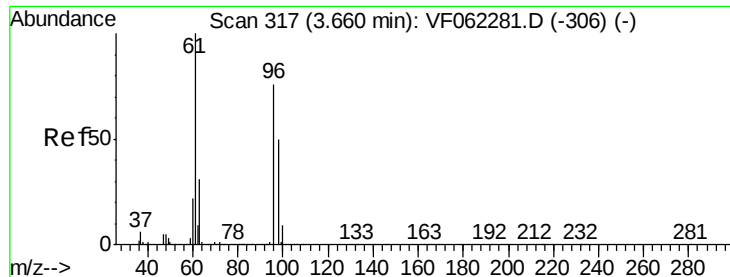
Tgt Ion: 77 Resp: 212

Ion Ratio Lower Upper

77 100

97 0.0 10.3 30.8#



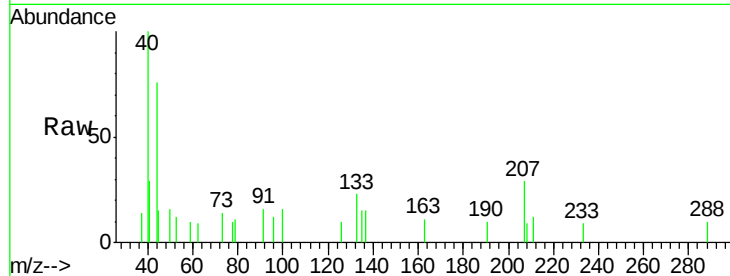


#27

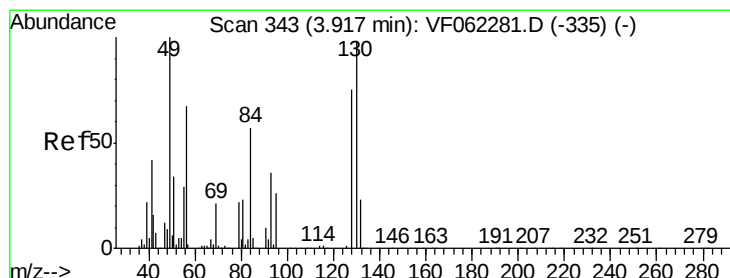
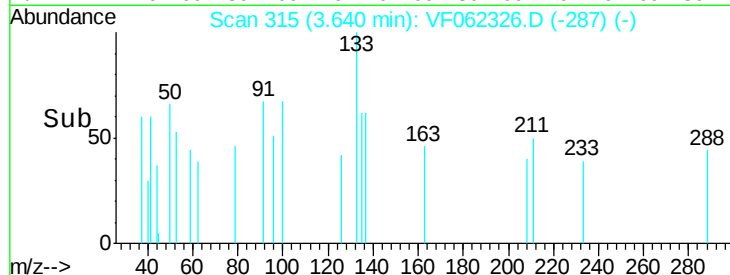
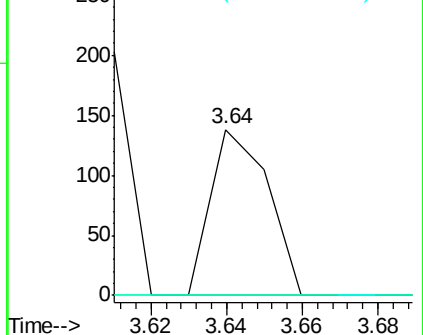
cis-1,2-Dichloroethene
 Concen: 11.647 ug/l
 RT: 3.64 min Scan# 315
 Delta R.T. -0.02 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	257.6
98	0.0	0.0	137.4



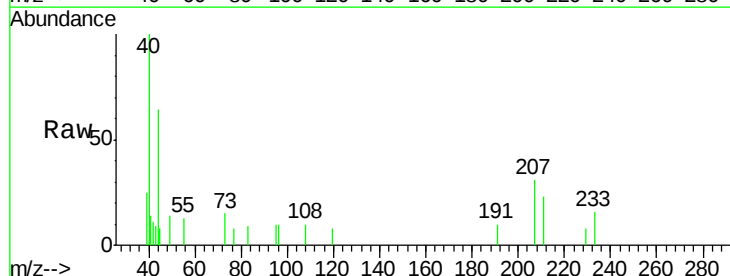
Abundance Ion 95.90 (95.60 to 96.60): VF0
 Ion 60.90 (60.60 to 61.60): VF0
 Ion 97.90 (97.60 to 98.60): VF0



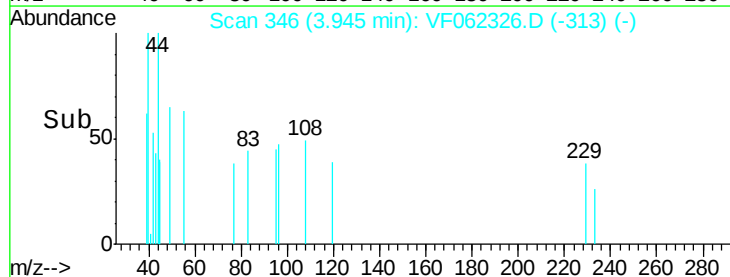
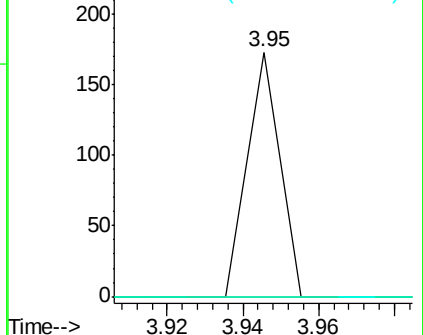
#28

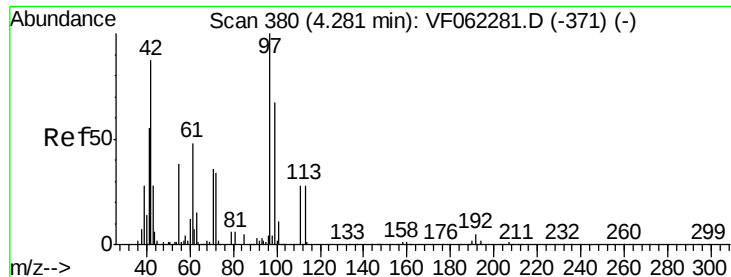
Bromochloromethane
 Concen: 14.652 ug/l
 RT: 3.95 min Scan# 346
 Delta R.T. 0.03 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	77.0	115.4#



Abundance Ion 48.90 (48.60 to 49.60): VF0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

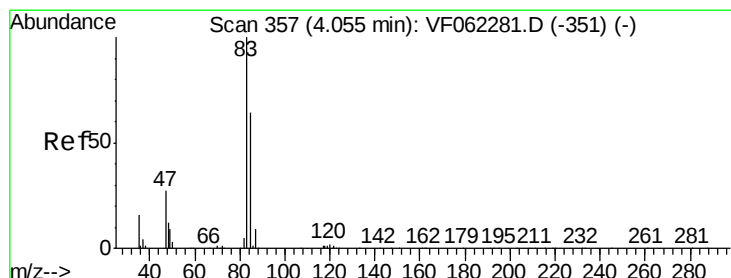
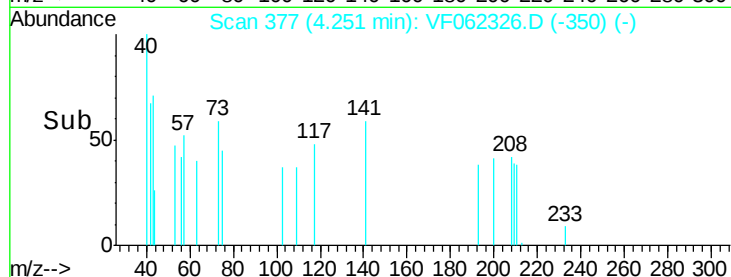
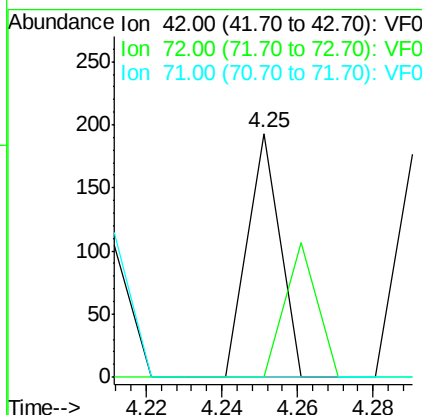
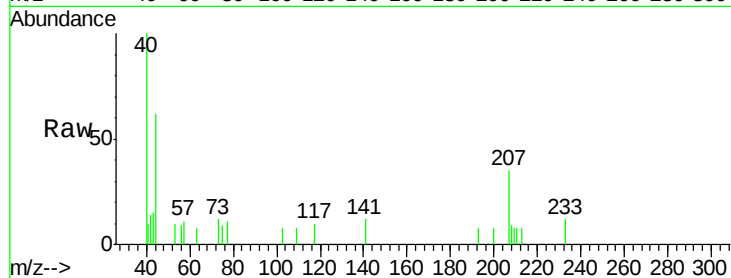




#29
Tetrahydrofuran
Concen: 77.047 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

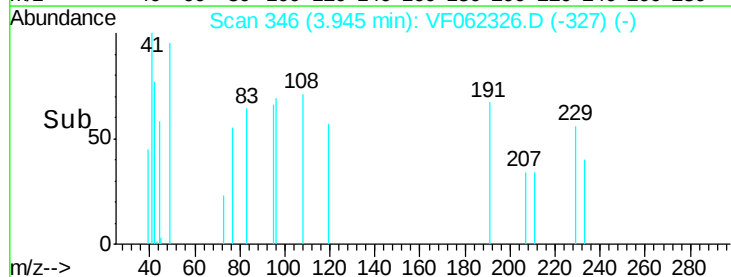
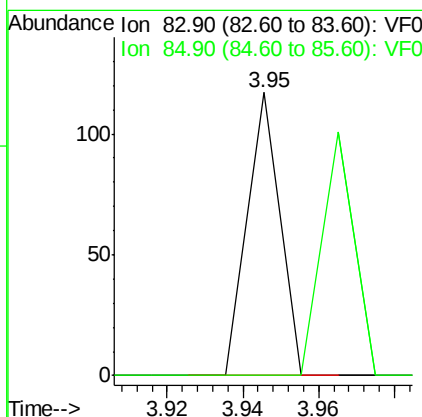
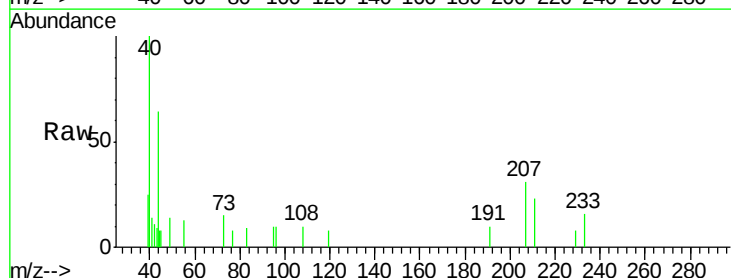
Instrument :
MSVOA_F
ClientSampleId :

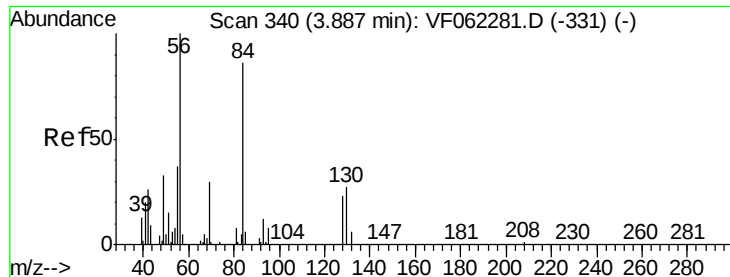
Tot Ion: 42 Resp: 114
Ion Ratio Lower Upper
42 100
72 55.3 29.3 43.9#
71 0.0 31.2 46.8#



#30
Chloroform
Concen: 3.326 ug/l
RT: 3.95 min Scan# 346
Delta R.T. -0.11 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 83 Resp: 69
Ion Ratio Lower Upper
83 100
85 0.0 51.1 76.7#

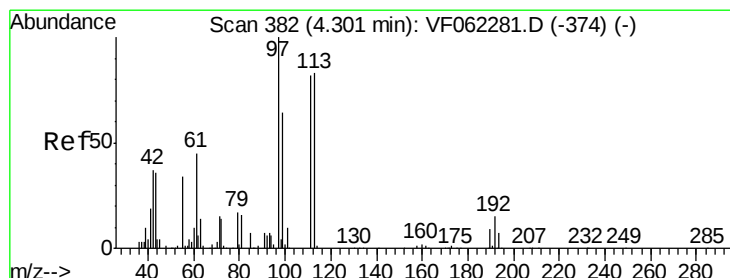
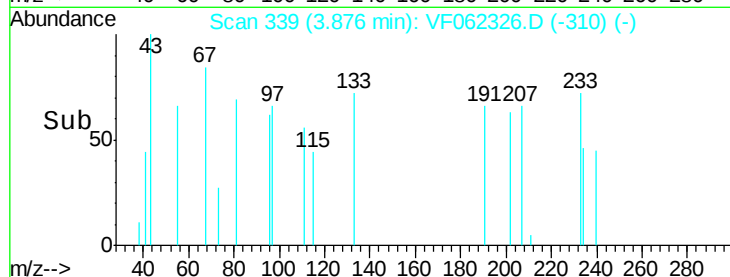
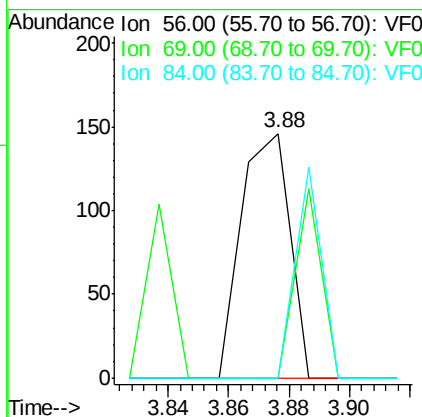
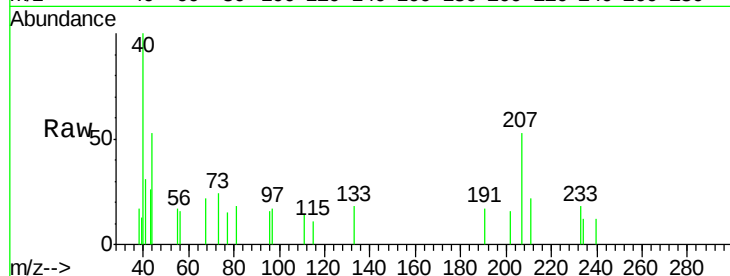




#31
Cvclohexane
Concen: 10.369 ug/l
RT: 3.88 min Scan# 339
Delta R.T. -0.01 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

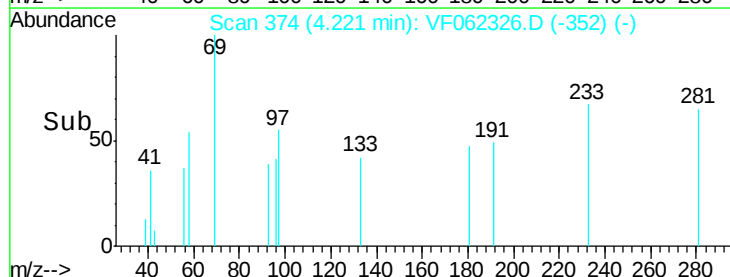
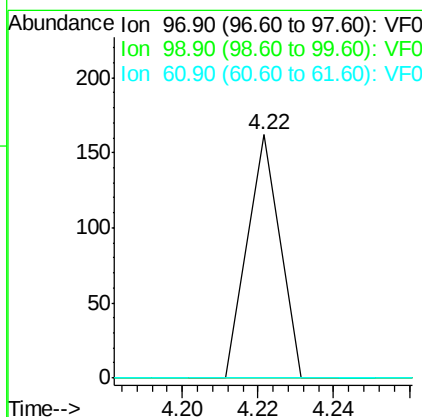
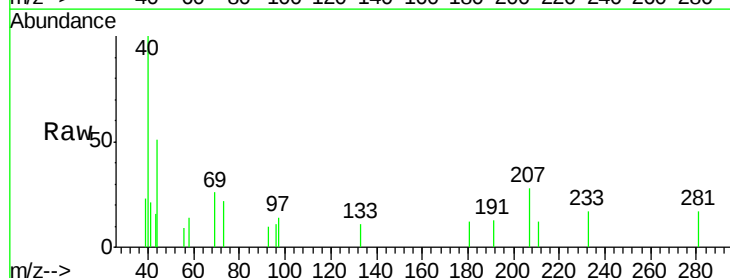
Instrument :
MSVOA_F
ClientSampleId :

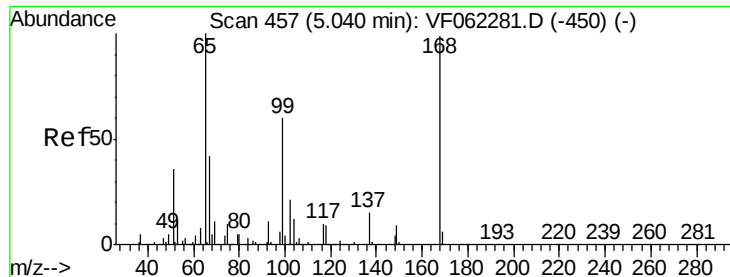
Tot Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
69 0.0 24.3 36.5#
84 0.0 68.5 102.7#



#32
1,1,1-Trichloroethane
Concen: 5.894 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.08 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 97 Resp: 96
Ion Ratio Lower Upper
97 100
99 0.0 41.6 62.4#
61 0.0 31.6 47.4#





#33

1,2-Dichloroethane-d4

Concen: 7.696 ug/l

RT: 5.28 min Scan# 481

Delta R.T. 0.24 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

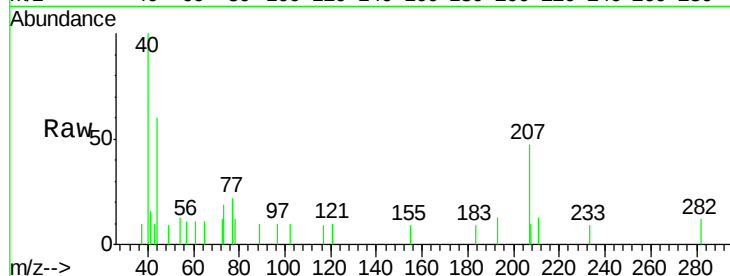
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 73

Ion Ratio Lower Upper

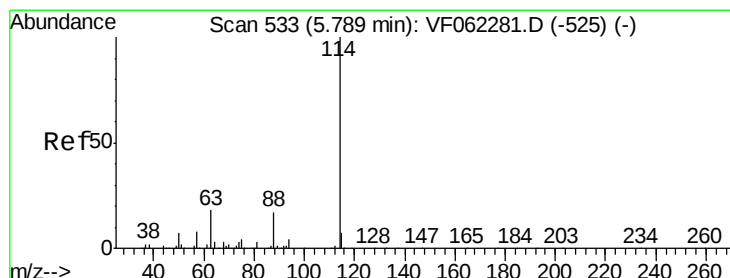
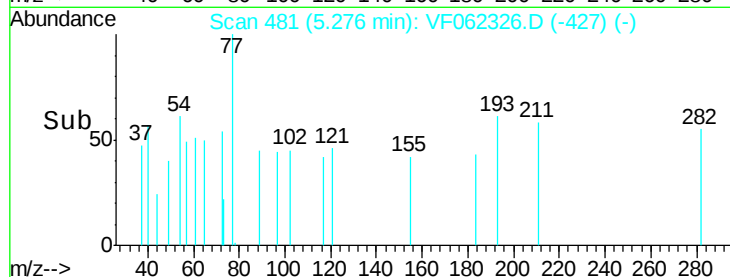
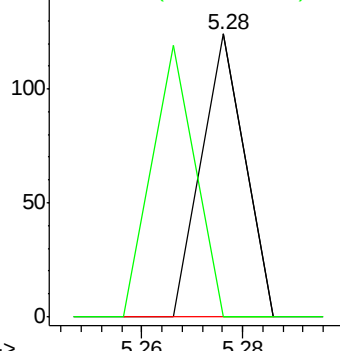
65 100

67 95.9 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

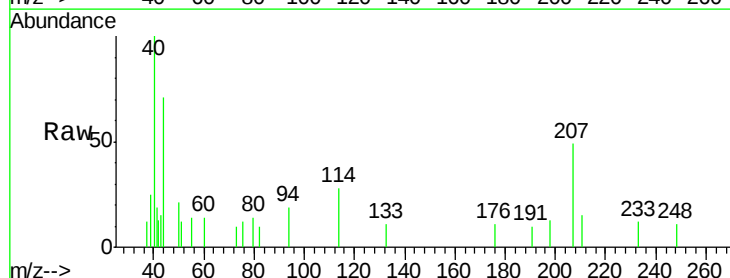
Tgt Ion: 114 Resp: 466

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.6

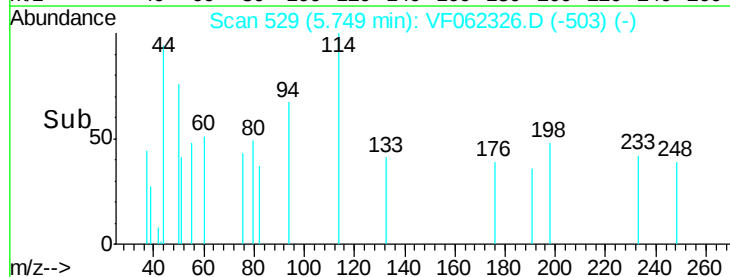
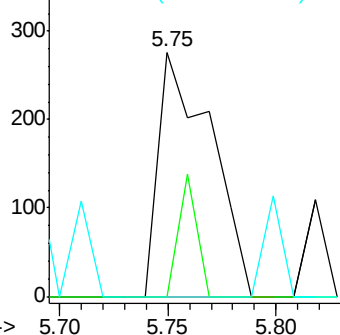
88 0.0 0.0 34.6

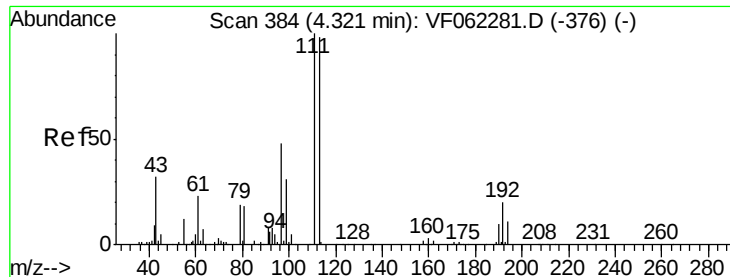


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 66.856 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampleId :

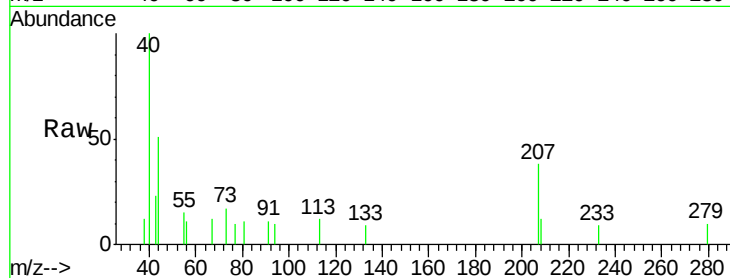
Tot Ion:113 Resp: 231

Ion Ratio Lower Upper

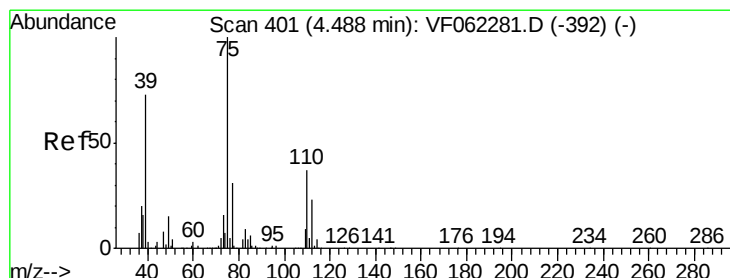
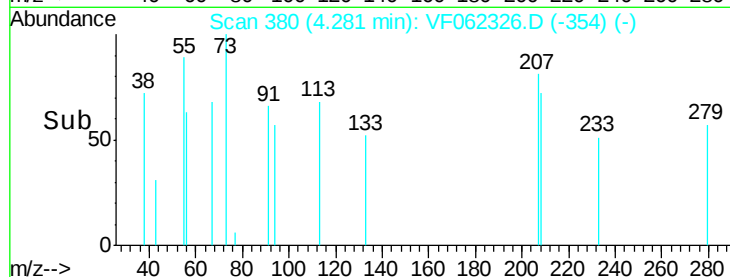
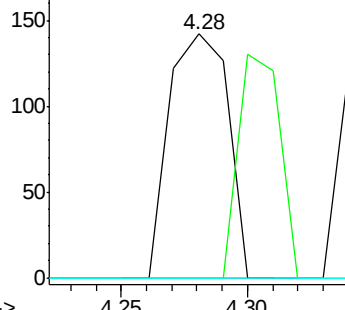
113 100

111 64.1 81.4 122.2#

192 0.0 17.0 25.4#



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.817 ug/l

RT: 4.48 min Scan# 400

Delta R.T. -0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

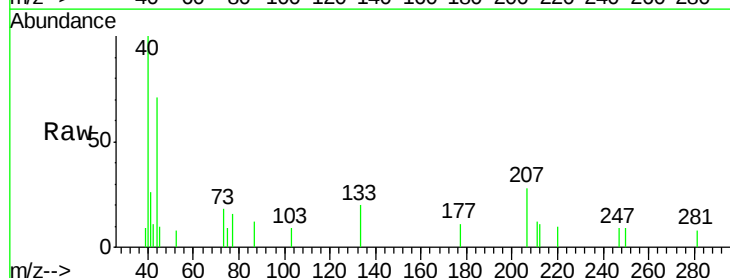
Tgt Ion: 75 Resp: 68

Ion Ratio Lower Upper

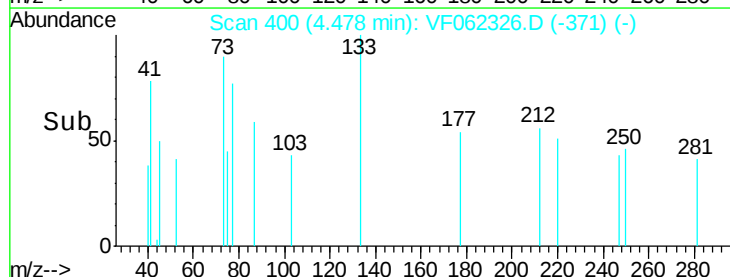
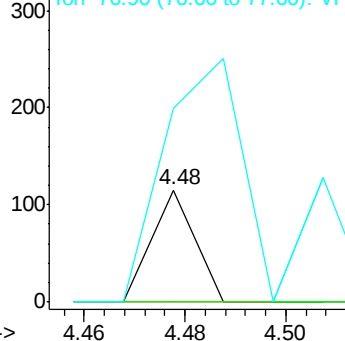
75 100

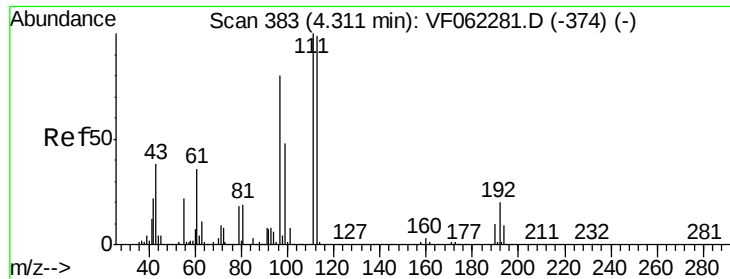
110 0.0 17.9 53.8#

77 502.9 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VF0

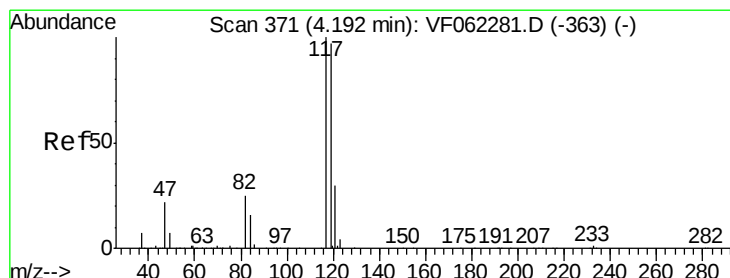
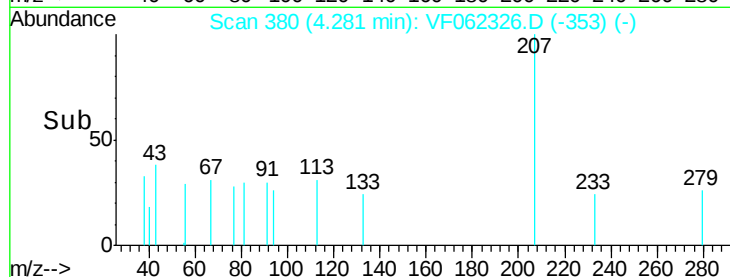
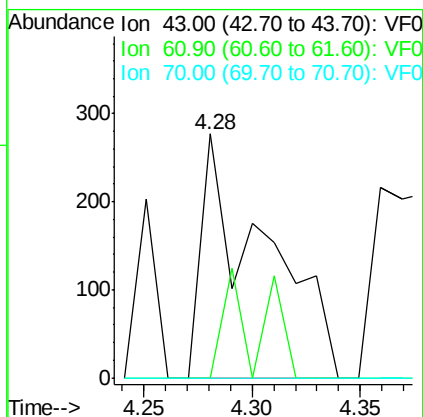
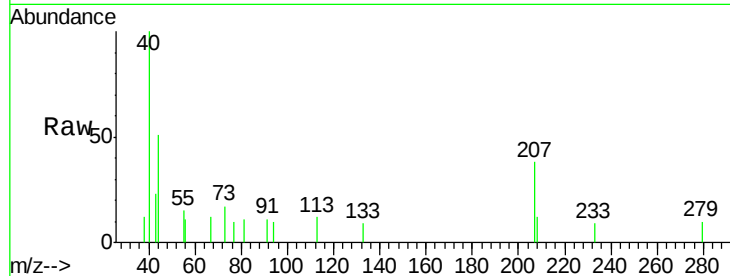




#37
Ethyl Acetate
Concen: 304.087 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

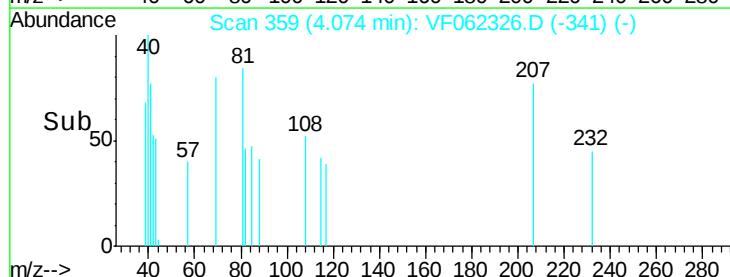
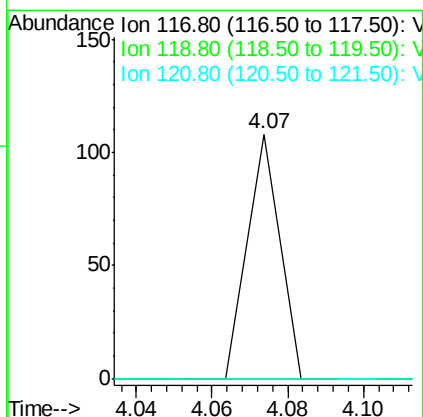
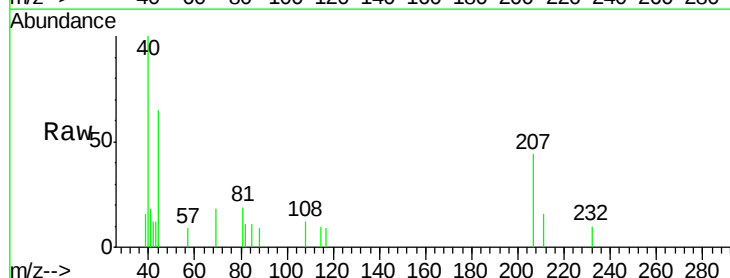
Instrument :
MSVOA_F
ClientSampleId :

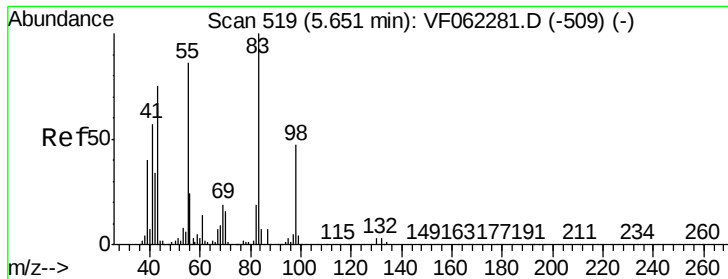
Tot Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
61 25.8 85.8 128.6#
70 0.0 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 14.643 ug/l
RT: 4.07 min Scan# 359
Delta R.T. -0.12 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 117 Resp: 64
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.3 36.5#





#39

Methvlcvclohexane

Concen: 13.151 ug/l

RT: 5.60 min Scan# 514

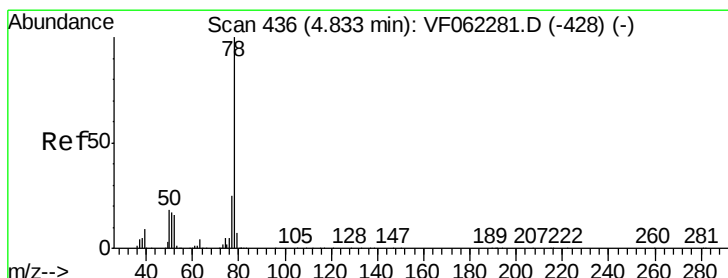
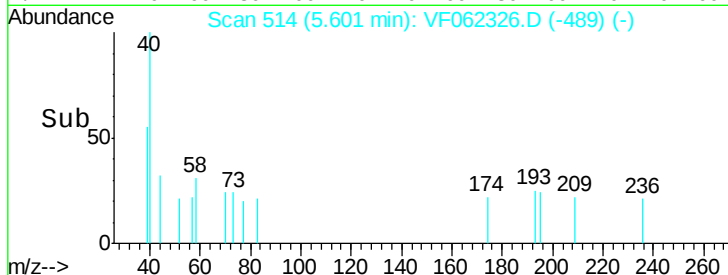
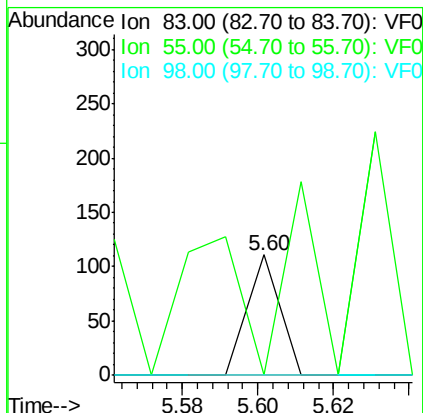
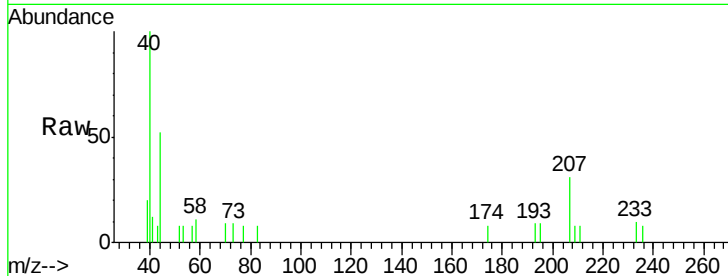
Delta R.T. -0.05 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	83.00	Resp:	66
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.7	103.1#
98	0.0	37.4	56.2#



#40

Benzene

Concen: 6.739 ug/l

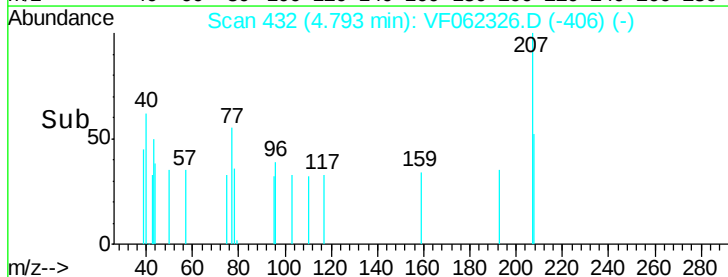
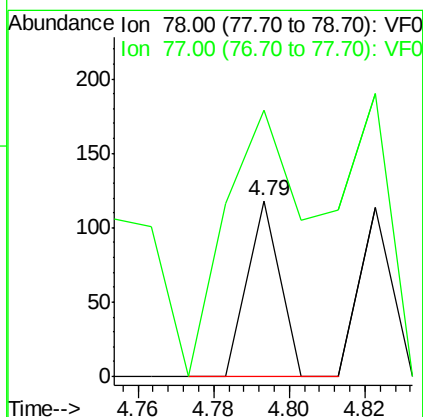
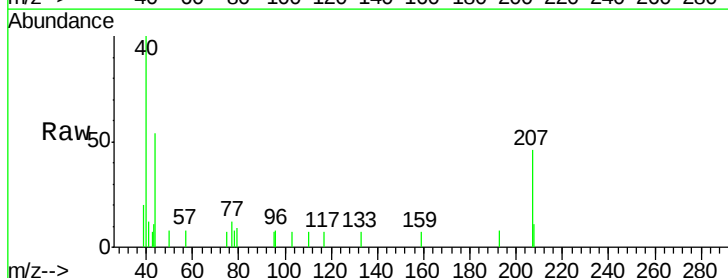
RT: 4.79 min Scan# 432

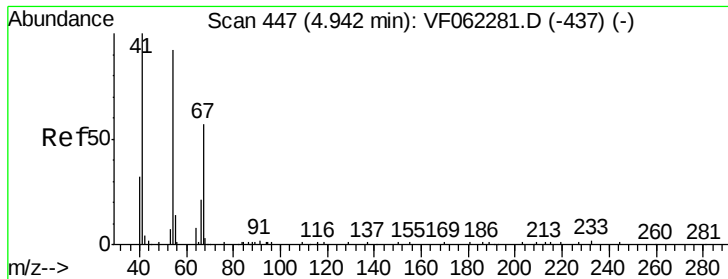
Delta R.T. -0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion:	78.00	Resp:	70
Ion	Ratio	Lower	Upper
78	100		
77	151.7	19.7	29.5#





#41

Methacrylonitrile

Concen: 189.091 ug/l

RT: 4.90 min Scan# 443

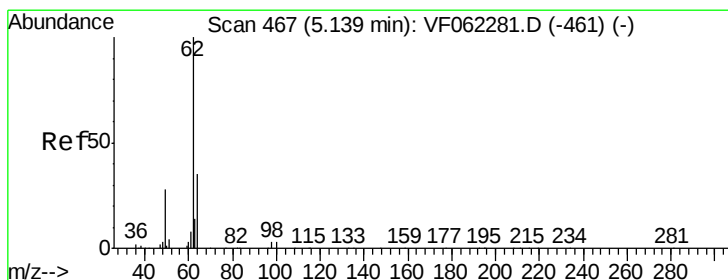
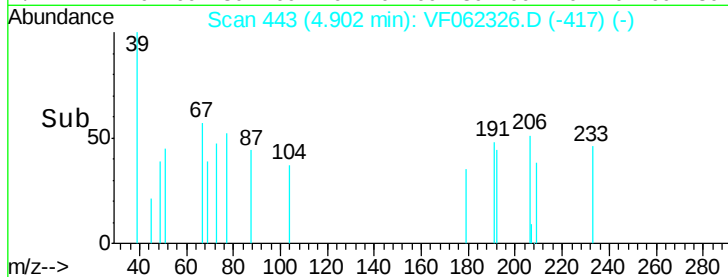
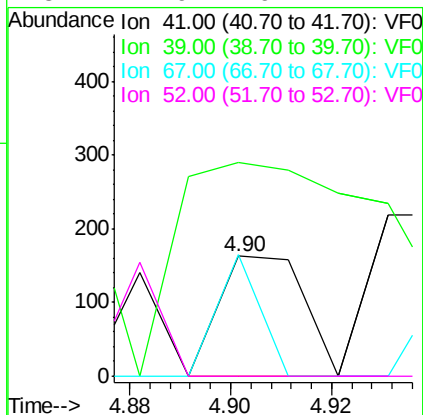
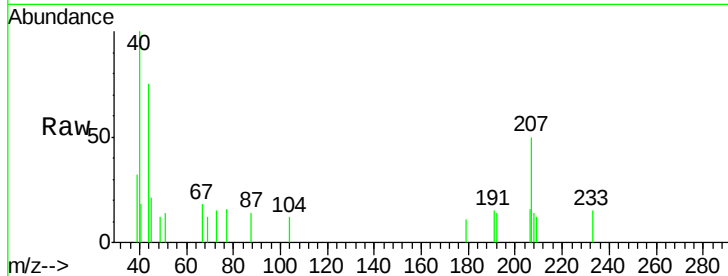
Delta R.T. -0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	41	Resp:	190
Ion	Ratio	Lower	Upper
41	100		
39	576.3	47.3	70.9#
67	51.6	41.3	61.9
52	47.9	49.4	74.2#



#42

1,2-Dichloroethane

Concen: 23.399 ug/l

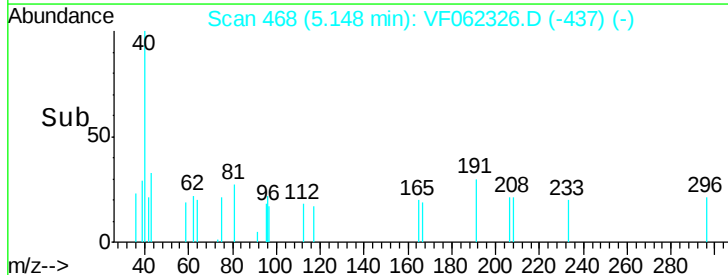
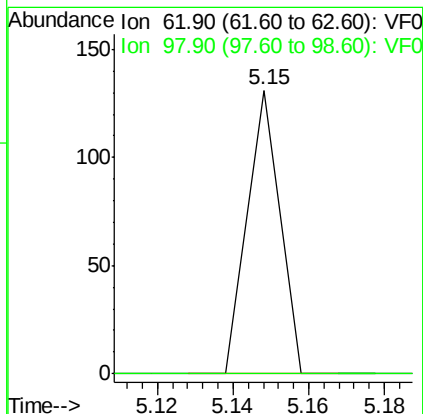
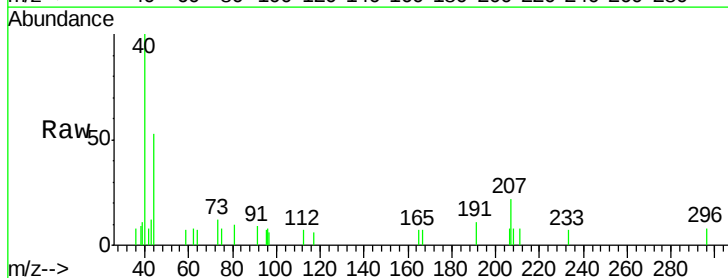
RT: 5.15 min Scan# 468

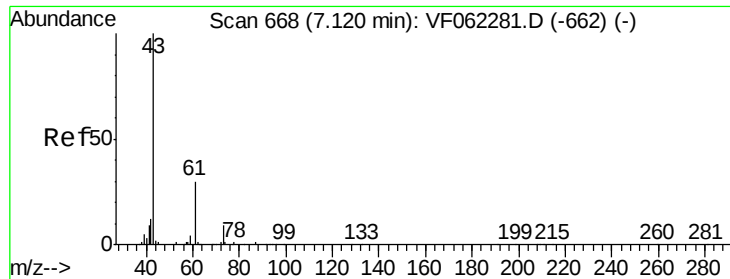
Delta R.T. 0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion:	62	Resp:	77
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.8





#43

Isopropyl Acetate

Concen: 241.447 ug/l

RT: 7.11 min Scan# 667

Delta R.T. -0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

ClientSampled :

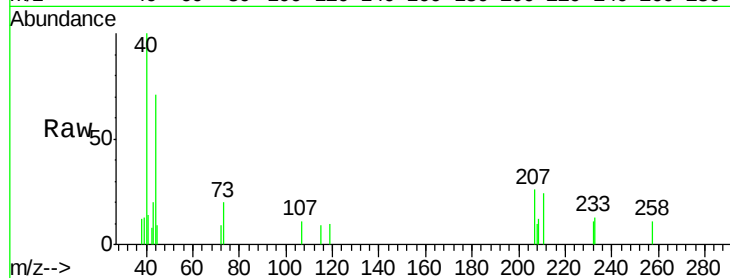
Tot Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

61 13.5 23.8 35.6#

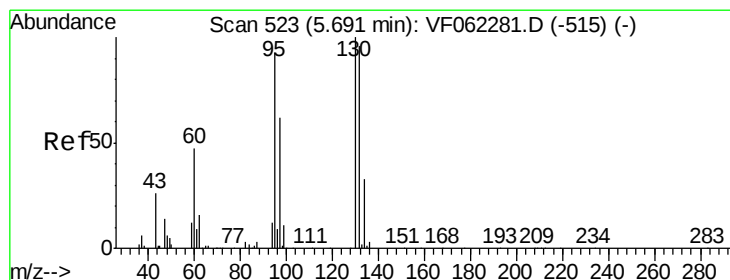
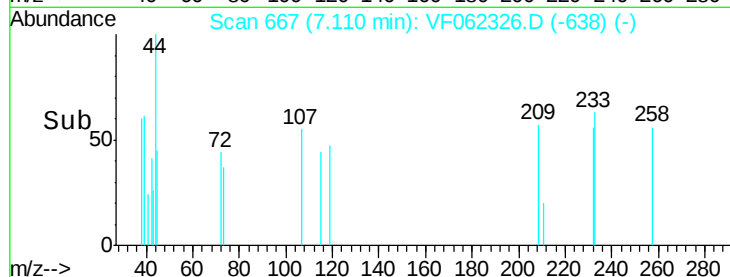
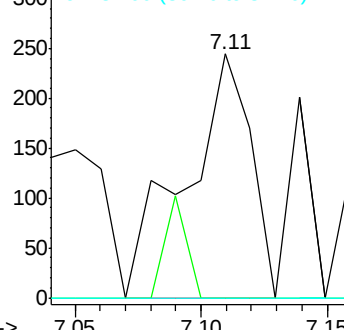
87 0.0 0.5 0.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 22.479 ug/l

RT: 5.61 min Scan# 515

Delta R.T. -0.08 min

Lab File: VF062326.D

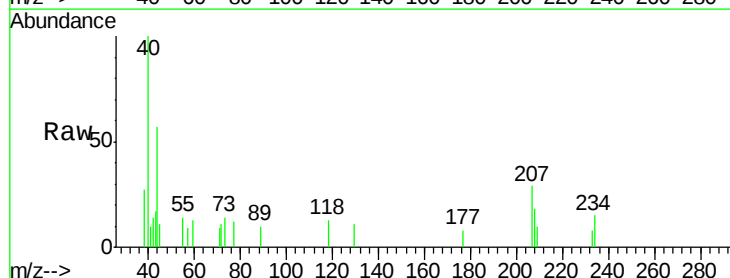
Acq: 29 Apr 2019 21:28

Tgt Ion: 130 Resp: 79

Ion Ratio Lower Upper

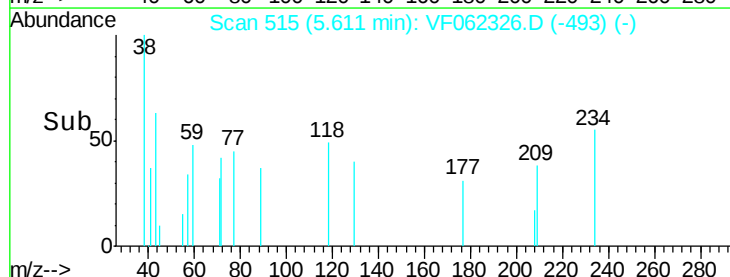
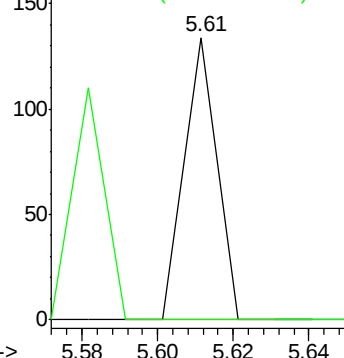
130 100

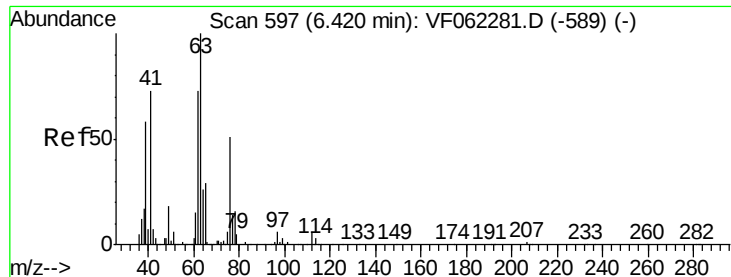
95 0.0 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 26.047 ug/l

RT: 6.31 min Scan# 586

Delta R.T. -0.11 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

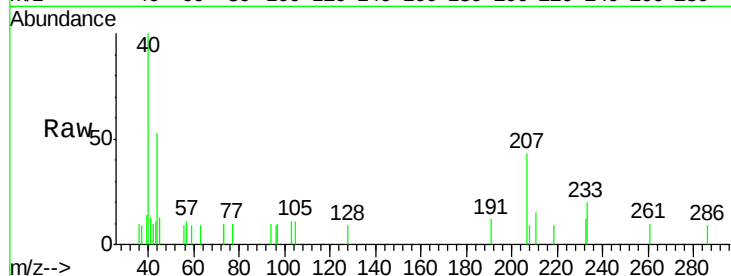
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 61

Ion Ratio Lower Upper

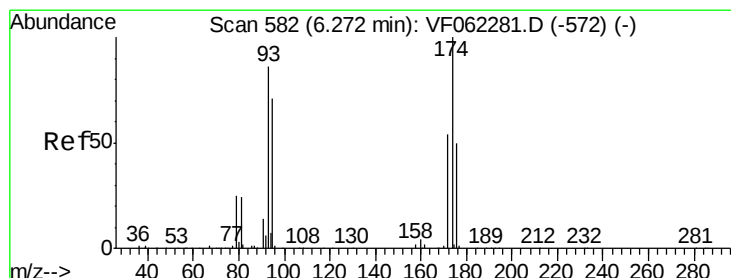
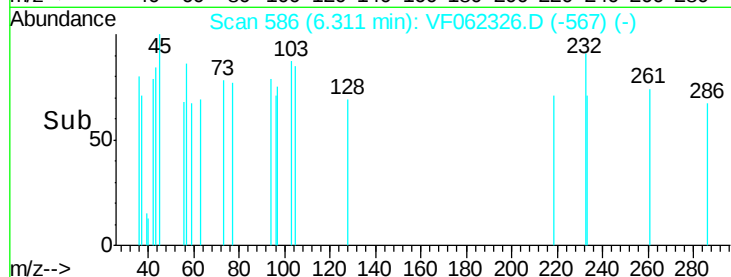
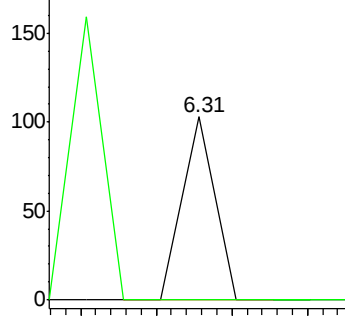
63 100

65 0.0 23.5 35.3#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0



#46

Dibromomethane

Concen: 164.984 ug/l

RT: 6.41 min Scan# 596

Delta R.T. 0.14 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

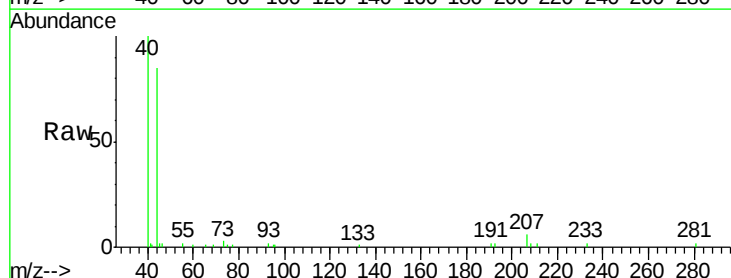
Tgt Ion: 93 Resp: 279

Ion Ratio Lower Upper

93 100

95 25.8 66.2 99.4#

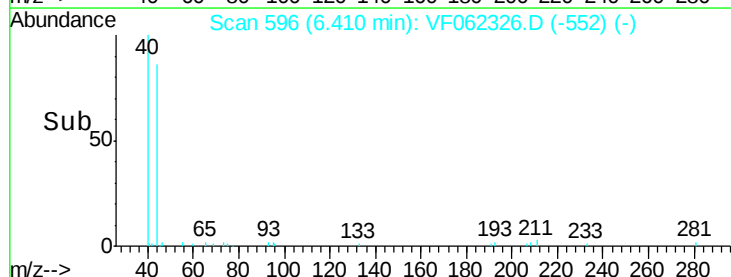
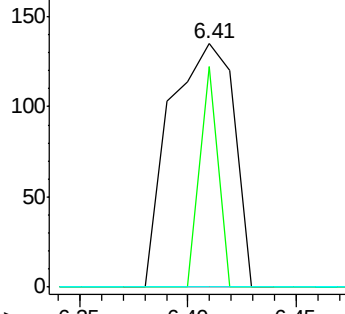
174 0.0 94.9 142.3#

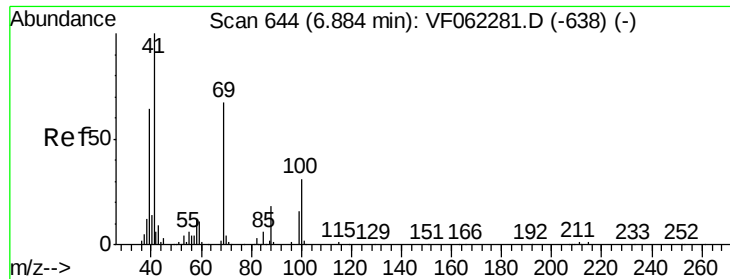


Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V

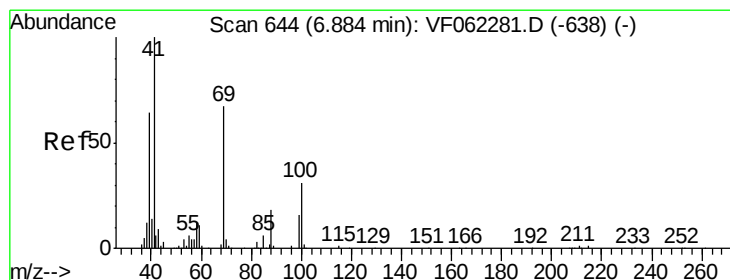
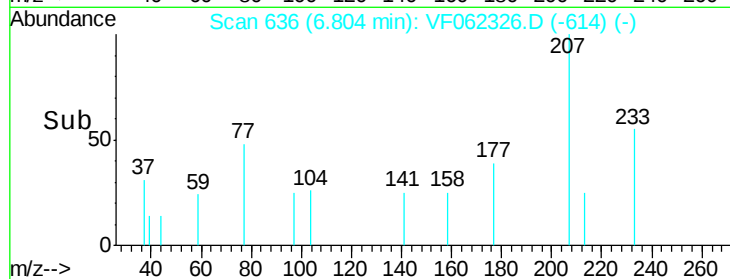
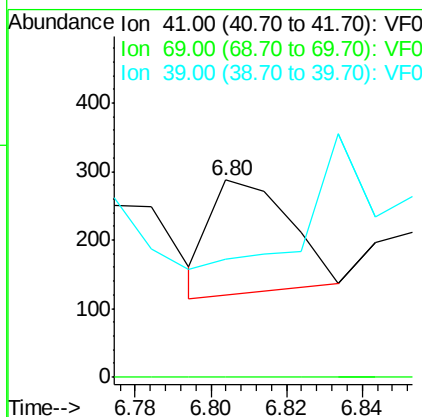
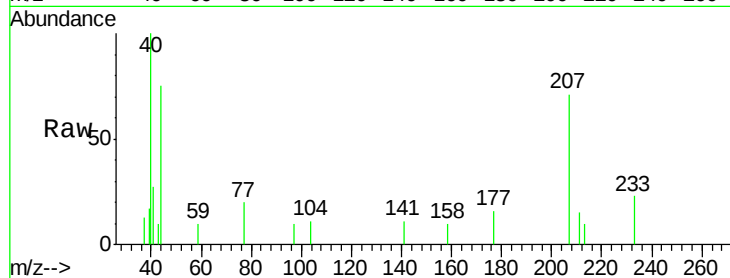




#48
Methvl methacrylate
Concen: 180.362 ug/l
RT: 6.80 min Scan# 636
Delta R.T. -0.08 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

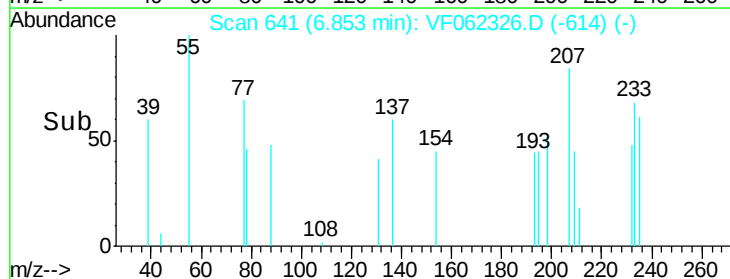
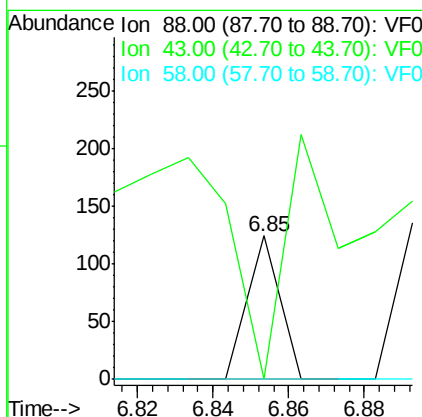
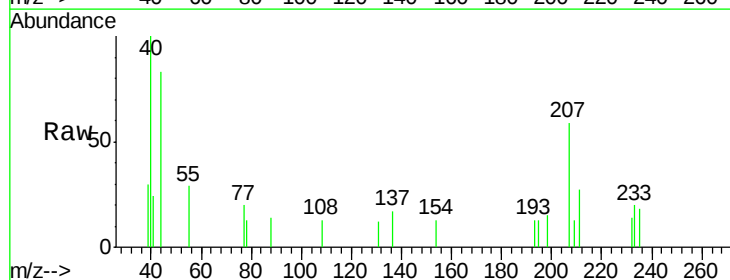
Instrument :
MSVOA_F
ClientSampleId :

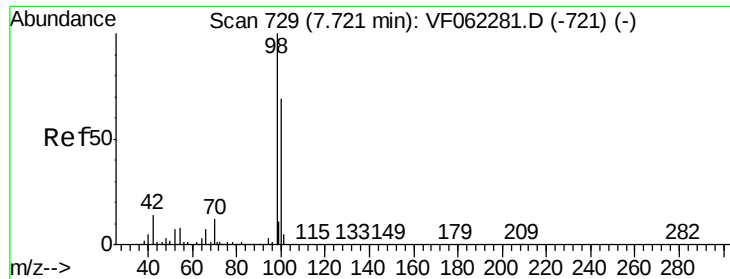
Tot Ion: 41 Resp: 239
Ion Ratio Lower Upper
41 100
69 0.0 53.4 80.2#
39 0.0 50.9 76.3#



#49
1,4-Dioxane
Concen: 4784.166 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.03 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 367.1 34.2 51.4#
58 0.0 50.7 76.1#





#50

Toluene-d8

Concen: 59.600 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

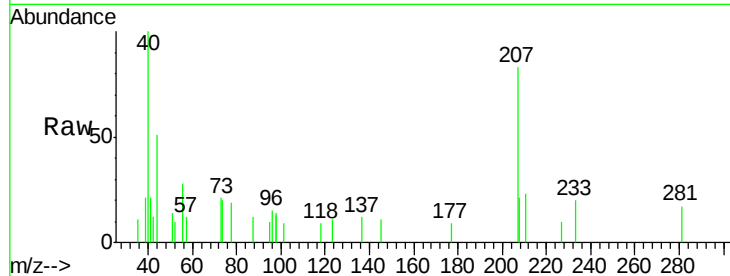
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 98 Resp: 503

Ion Ratio Lower Upper

98 100

100 12.5 54.4 81.6#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.70

300

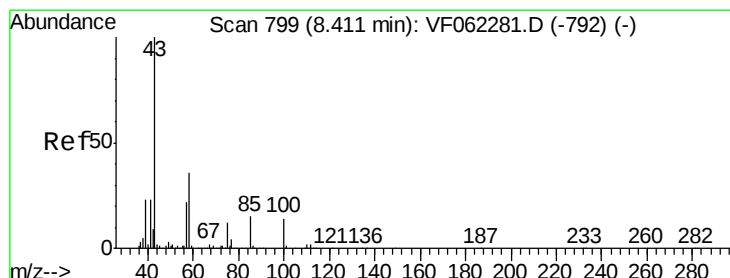
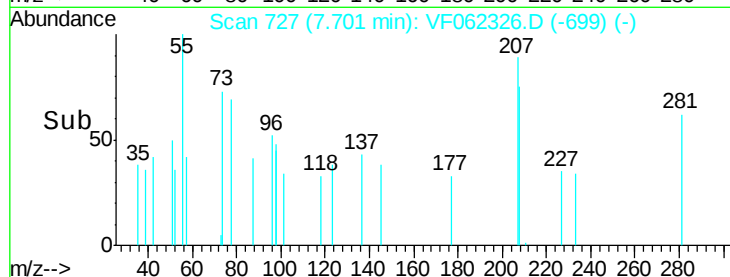
200

100

0

7.65 7.70 7.75

Time-->



#51

4-Methyl-2-Pentanone

Concen: 545.928 ug/l

RT: 8.36 min Scan# 794

Delta R.T. -0.05 min

Lab File: VF062326.D

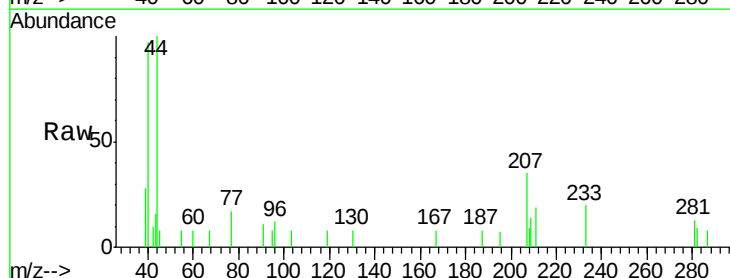
Acq: 29 Apr 2019 21:28

Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.36

300

250

200

150

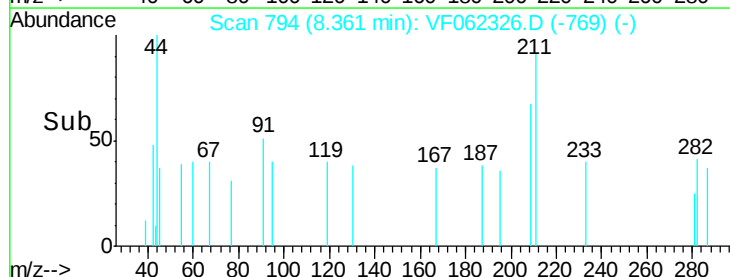
100

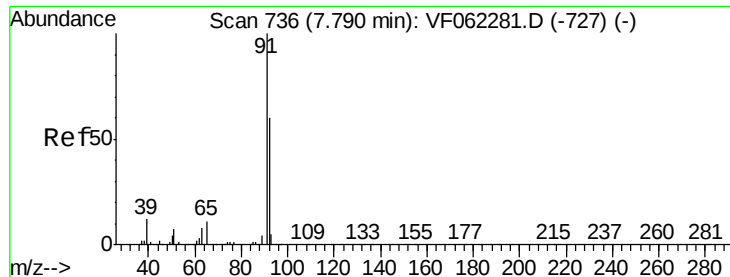
50

0

8.30 8.35 8.40

Time-->





#52

Toluene

Concen: 10.511 ug/l

RT: 7.85 min Scan# 742

Delta R.T. 0.06 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

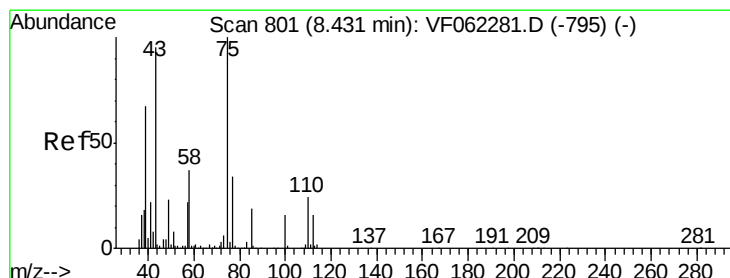
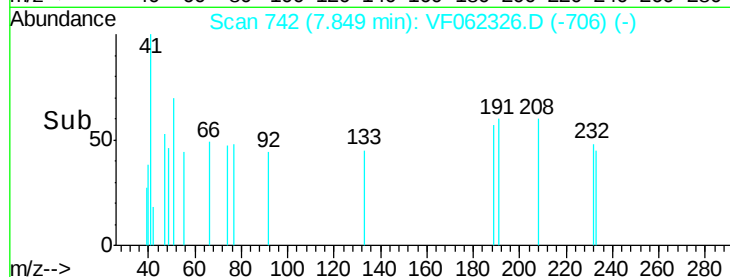
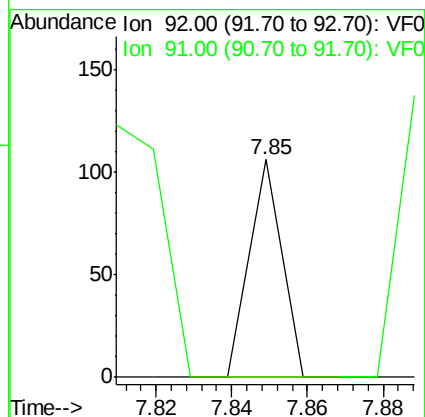
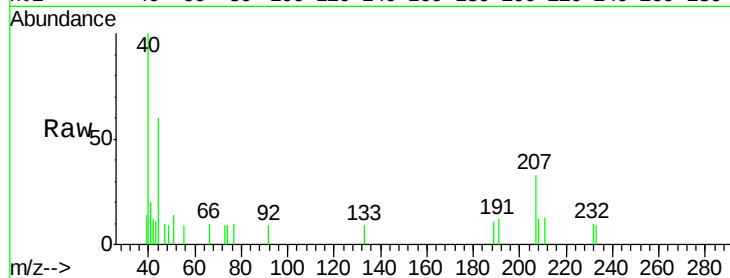
ClientSampled :

Tot Ion: 92 Resp: 63

Ion Ratio Lower Upper

92 100

91 0.0 132.5 198.7#



#53

t-1,3-Dichloropropene

Concen: 32.155 ug/l

RT: 8.29 min Scan# 787

Delta R.T. -0.14 min

Lab File: VF062326.D

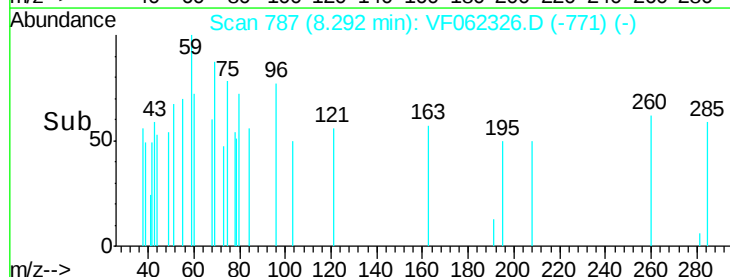
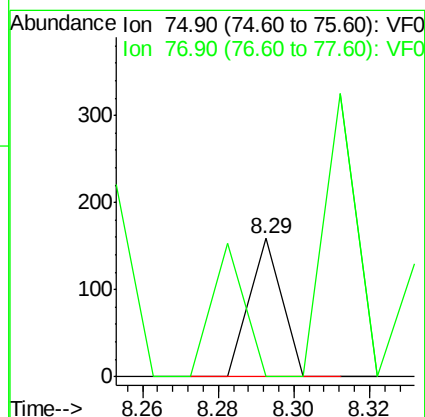
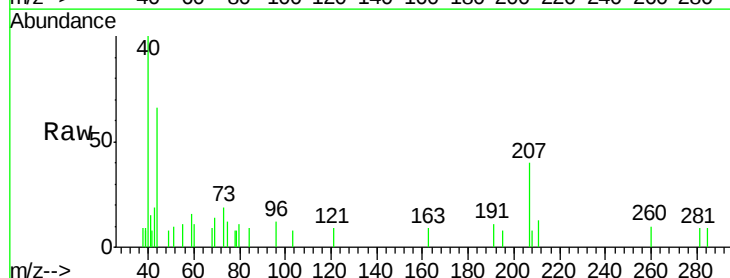
Acq: 29 Apr 2019 21:28

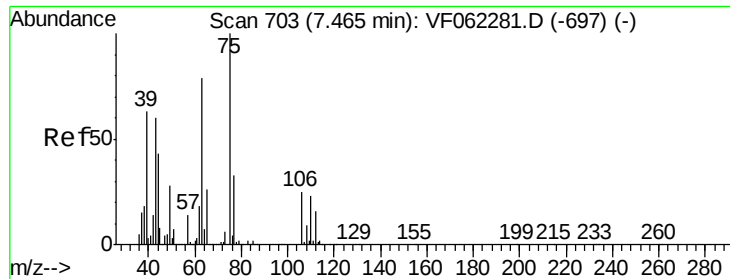
Tgt Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

77 0.0 26.9 40.3#





#54

cis-1,3-Dichloropropene

Concen: 35.247 ug/l

RT: 7.39 min Scan# 695

Delta R.T. -0.08 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

ClientSampleId :

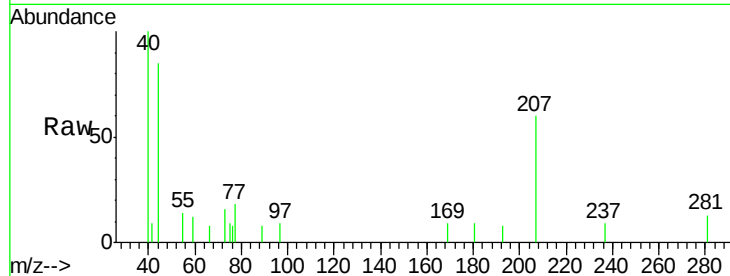
Tot Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 99.1 26.5 39.7#

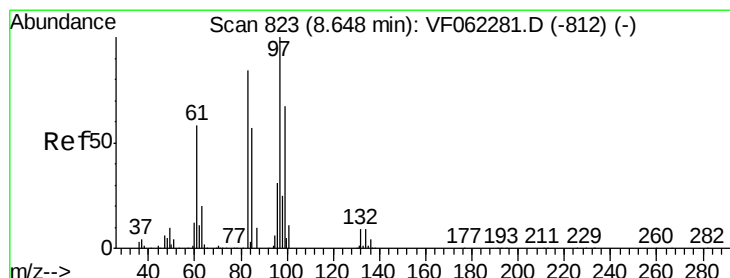
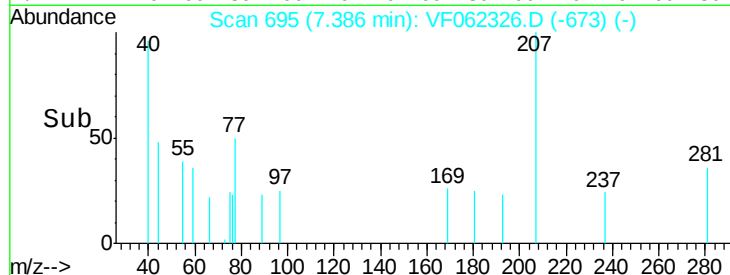
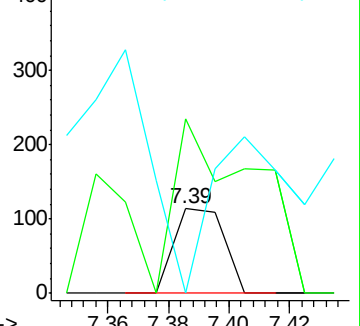
39 0.0 50.2 75.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 35.247 ug/l

RT: 8.55 min Scan# 813

Delta R.T. -0.10 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion: 97 Resp: 60

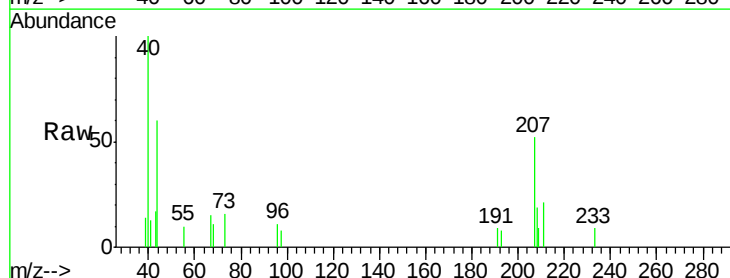
Ion Ratio Lower Upper

97 100

83 0.0 67.5 101.3#

85 0.0 45.3 67.9#

99 0.0 53.4 80.0#

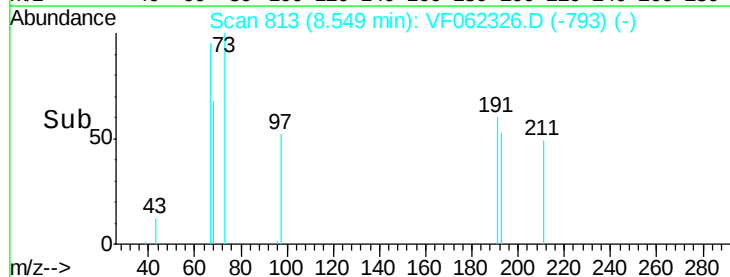
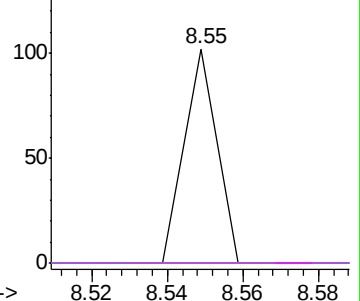


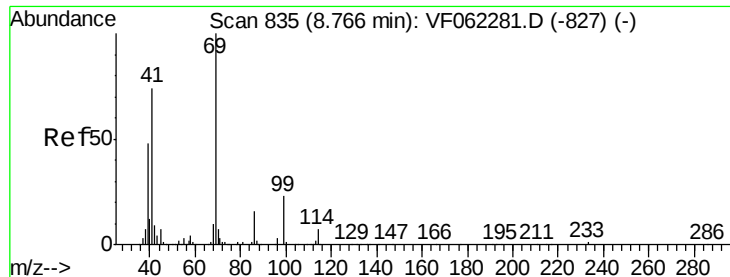
Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0





#56

Ethyl methacrylate

Concen: 52.937 ug/l

RT: 8.71 min Scan# 829

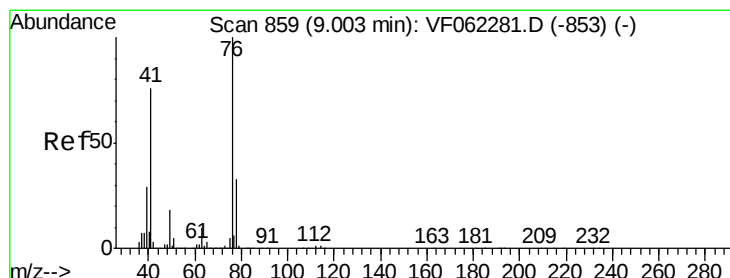
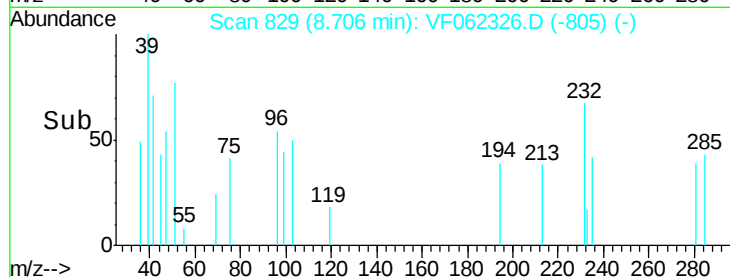
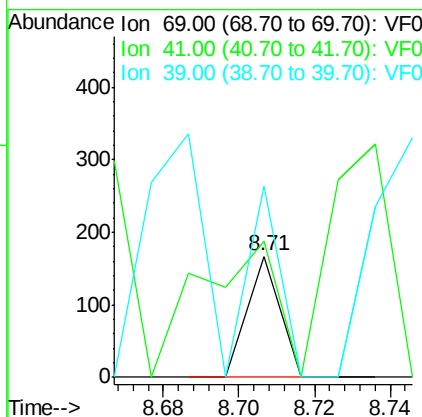
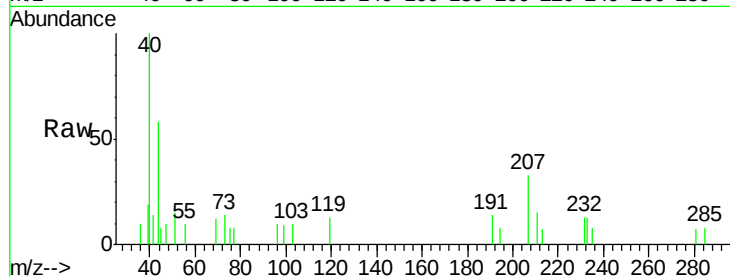
Delta R.T. -0.06 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	69	Resp:	99
Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.5	92.3#
39	639.4	37.9	56.9#



#57

1,3-Dichloropropane

Concen: 25.406 ug/l

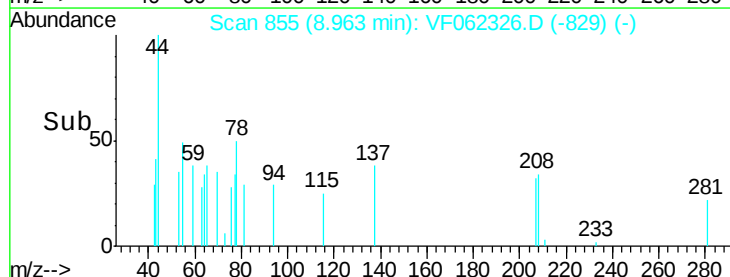
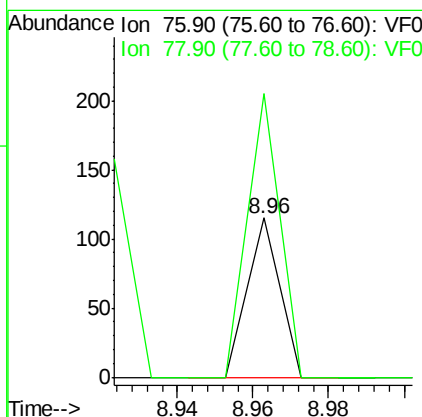
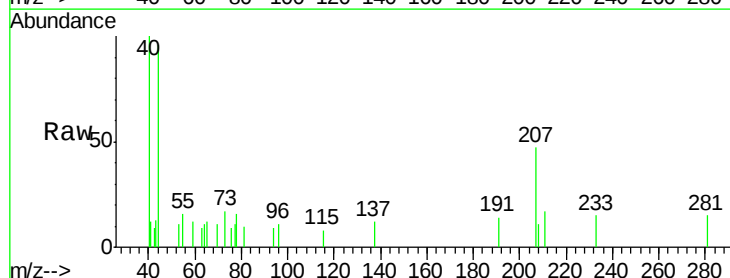
RT: 8.96 min Scan# 855

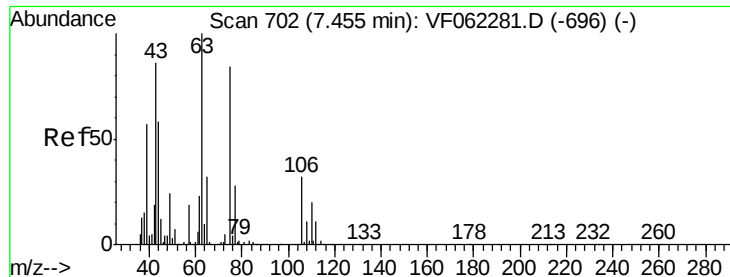
Delta R.T. -0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion:	76	Resp:	68
Ion	Ratio	Lower	Upper
76	100		
78	177.9	27.0	40.6#

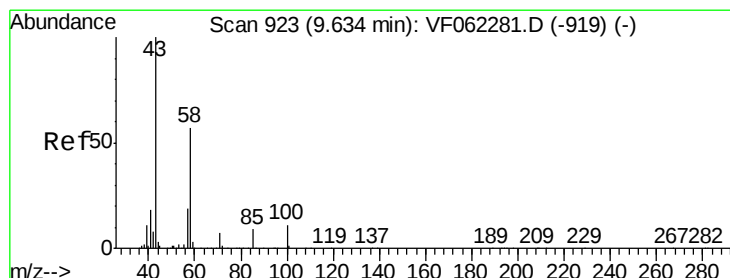
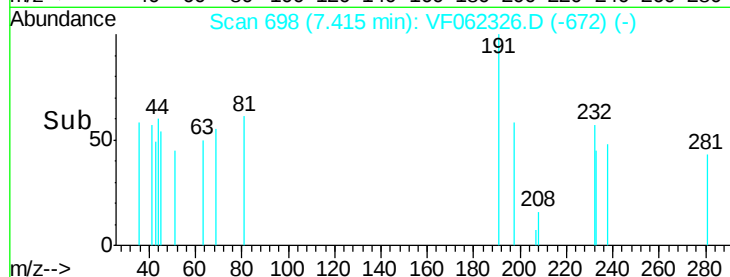
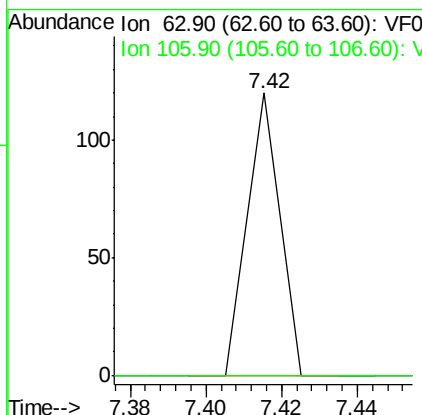
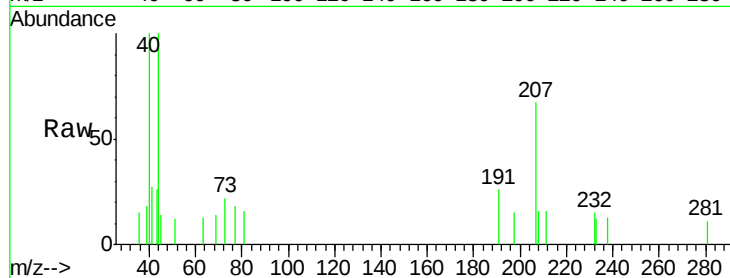




#58
 2-Chloroethyl Vinyl ether
 Concen: 124.766 ug/l
 RT: 7.42 min Scan# 698
 Delta R.T. -0.04 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

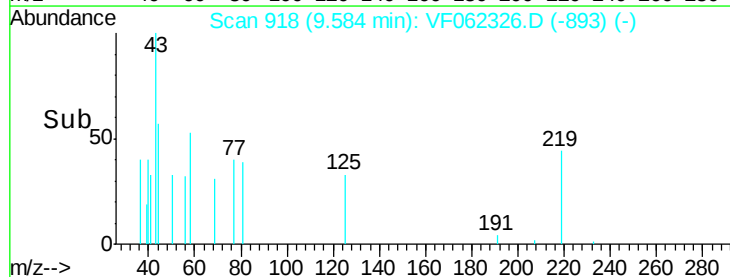
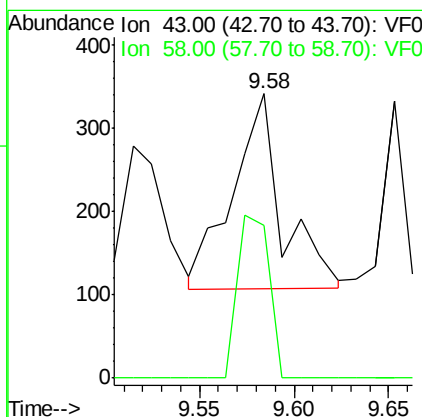
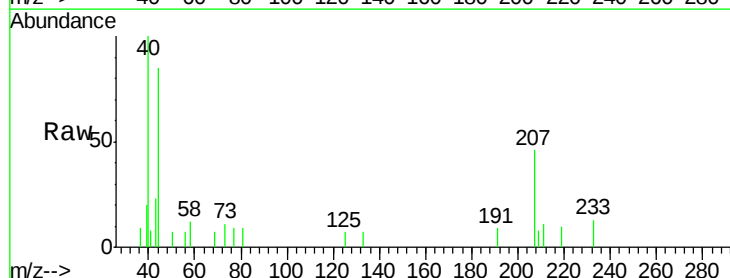
Instrument :
 MSVOA_F
 ClientSampled :

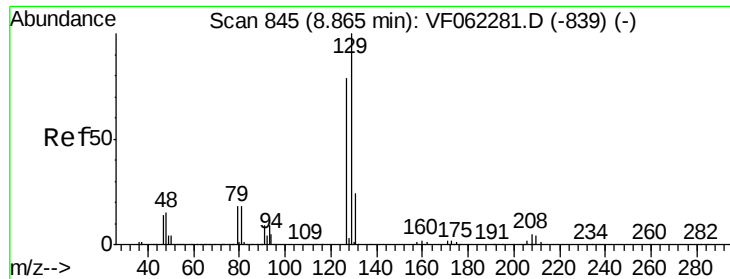
Tot Ion: 63 Resp: 71
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.7 37.1#



#59
 2-Hexanone
 Concen: 505.360 ug/l
 RT: 9.58 min Scan# 918
 Delta R.T. -0.05 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Tgt Ion: 43 Resp: 427
 Ion Ratio Lower Upper
 43 100
 58 52.2 24.9 74.7

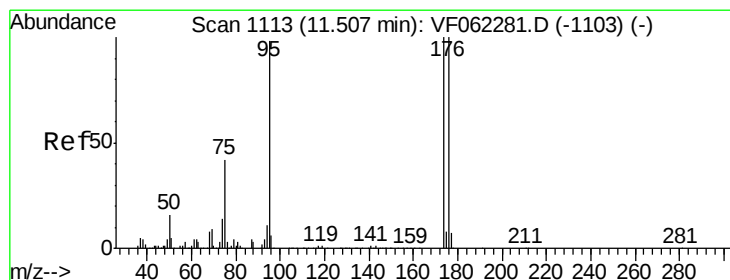
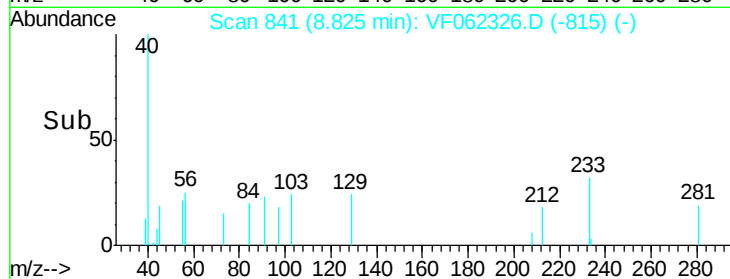
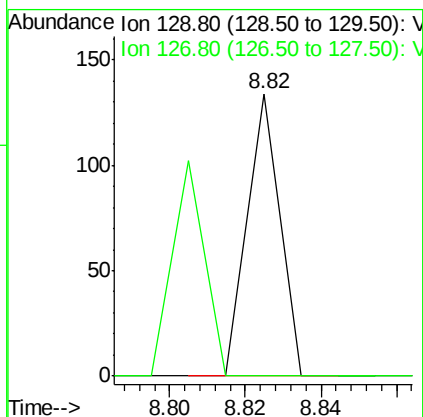
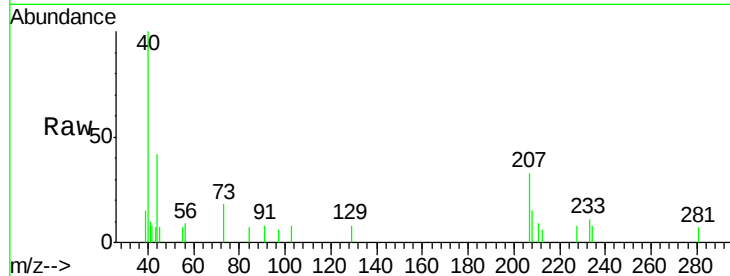




#60
 Dibromochloromethane
 Concen: 28.594 ug/l
 RT: 8.82 min Scan# 841
 Delta R.T. -0.04 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

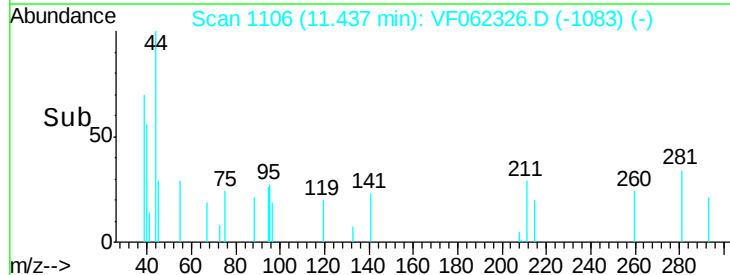
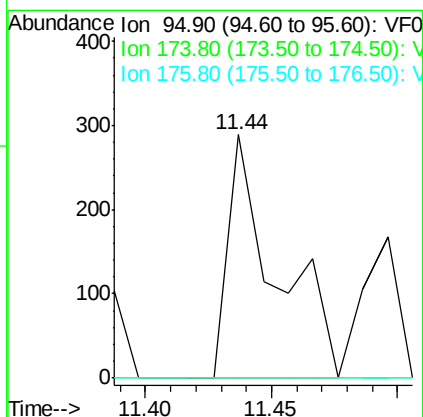
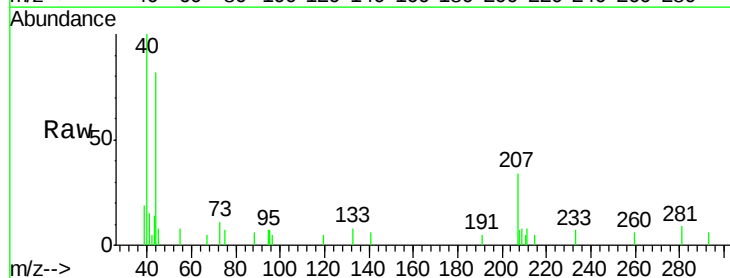
Instrument :
 MSVOA_F
 ClientSampleId :

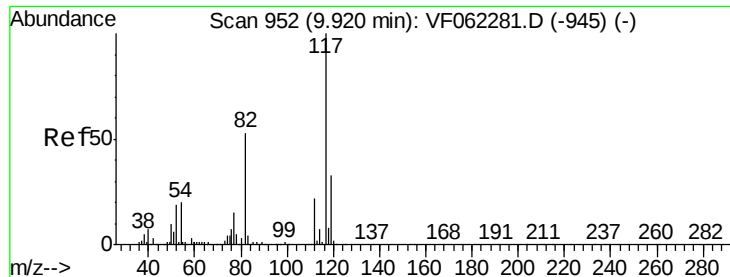
Tot Ion:129 Resp: 79
 Ion Ratio Lower Upper
 129 100
 127 75.9 38.8 116.4



#62
 4-Bromofluorobenzene
 Concen: 109.812 ug/l
 RT: 11.44 min Scan# 1106
 Delta R.T. -0.07 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Tgt Ion: 95 Resp: 382
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 185.2
 176 0.0 0.0 184.8

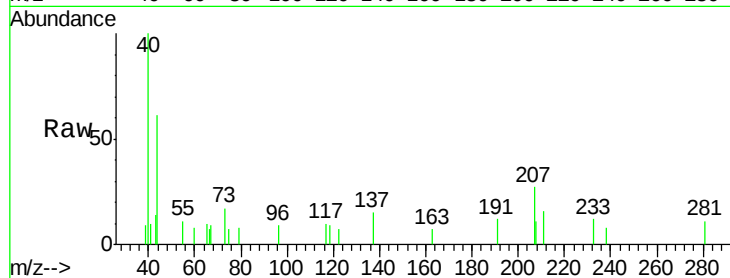




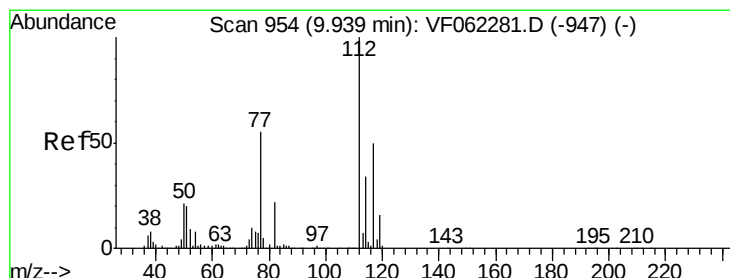
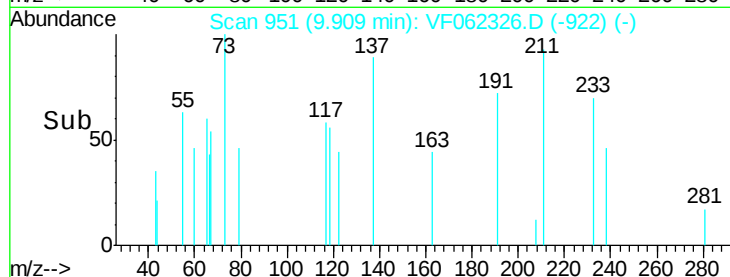
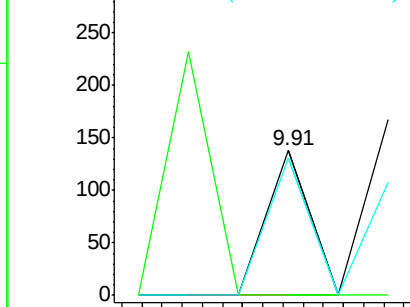
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.6	64.0#
119	94.9	26.1	39.1#

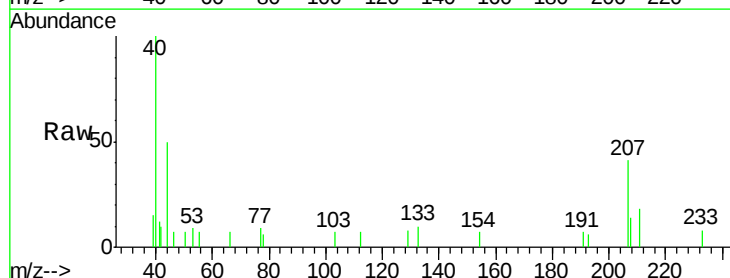


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

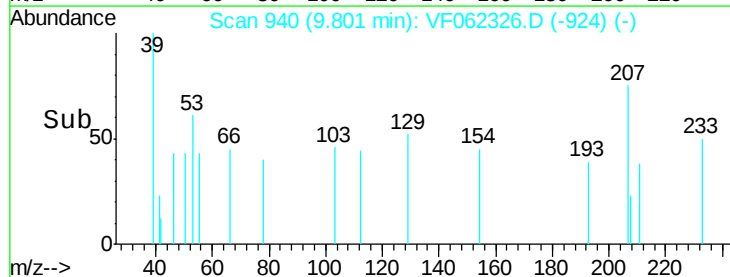
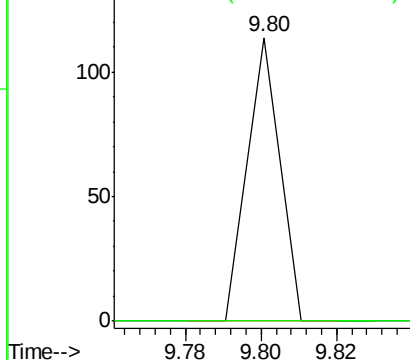


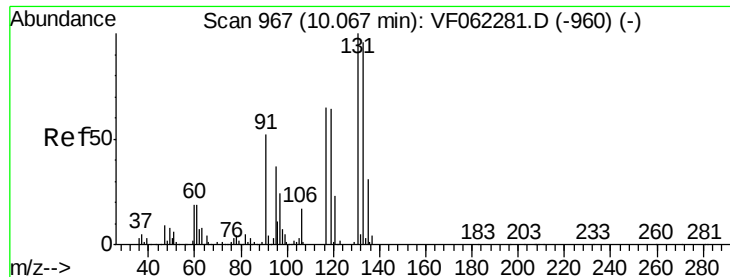
#65
Chlorobenzene
Concen: 44.713 ug/l
RT: 9.80 min Scan# 940
Delta R.T. -0.14 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	27.0	40.6#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 216.772 ug/l

RT: 10.17 min Scan# 977

Delta R.T. 0.10 min

Lab File: VF062326.D

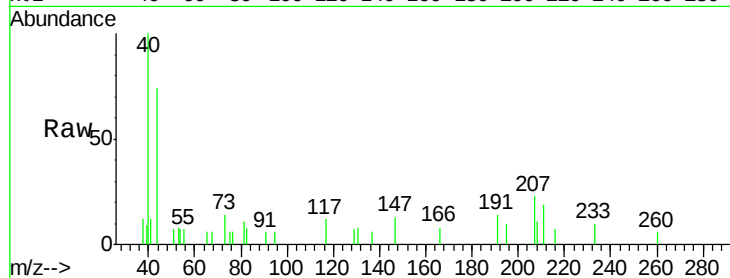
Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

ClientSampled :

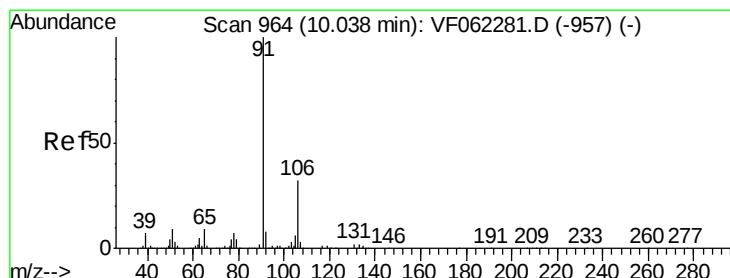
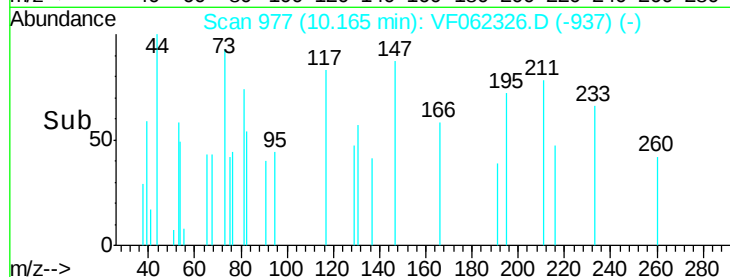
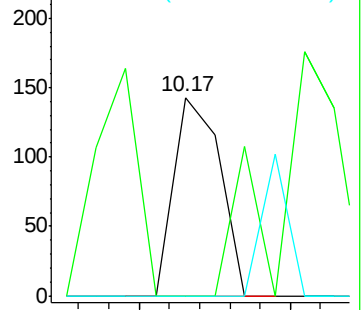
Tot Ion:	131	Resp:	153
Ion	Ratio	Lower	Upper
131	100		
133	104.6	48.5	145.5
119	0.0	32.9	98.7#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 61.803 ug/l

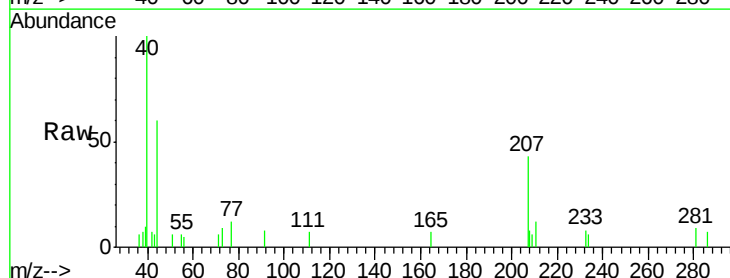
RT: 10.02 min Scan# 962

Delta R.T. -0.02 min

Lab File: VF062326.D

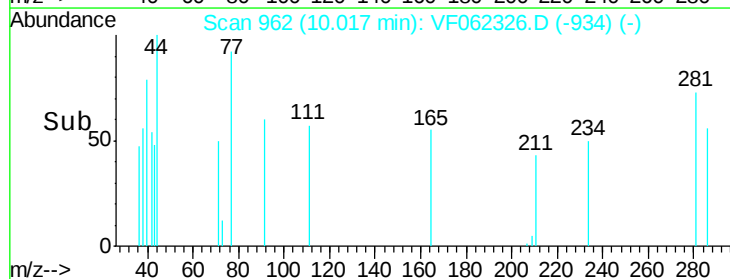
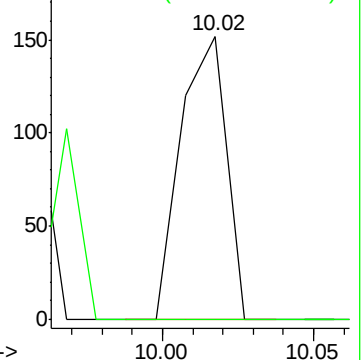
Acq: 29 Apr 2019 21:28

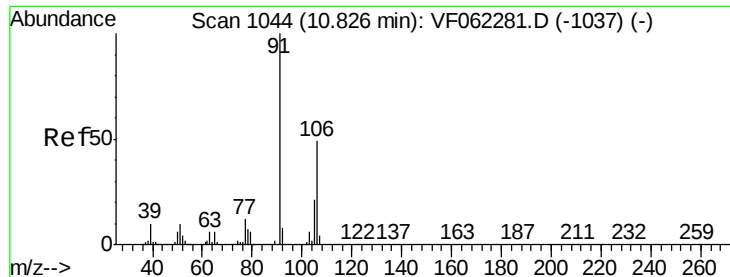
Tgt Ion:	91	Resp:	161
Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.6	38.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

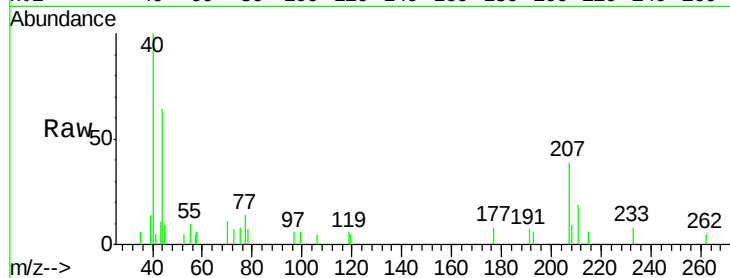




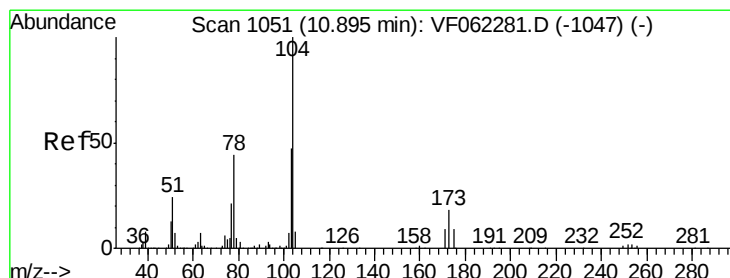
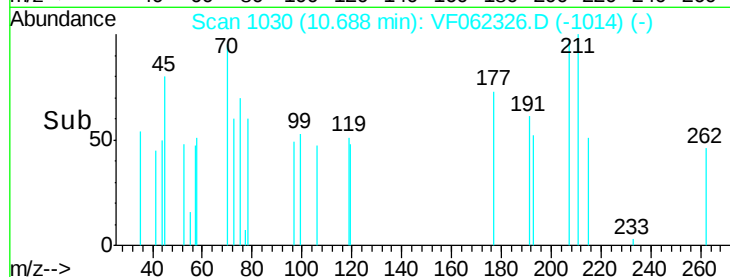
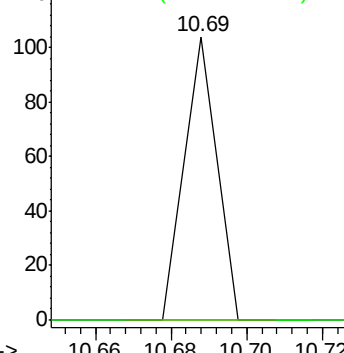
#69
o-Xylene
Concen: 57.218 ug/l
RT: 10.69 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 0.0 110.0 330.0#

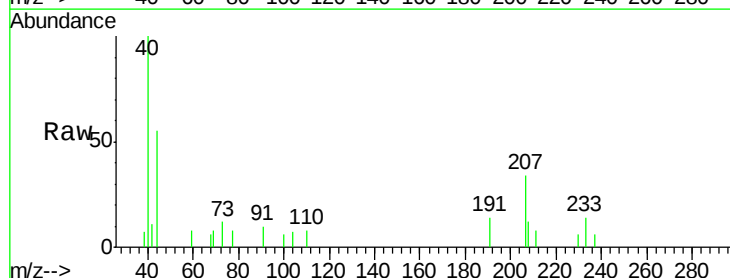


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

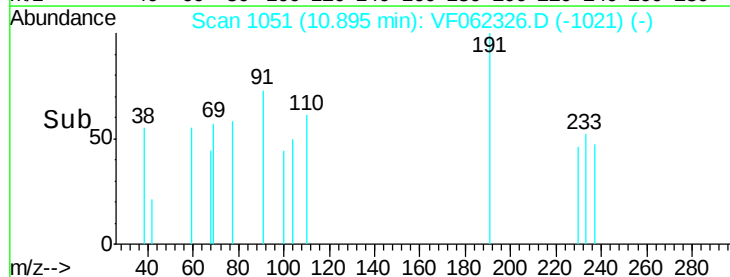
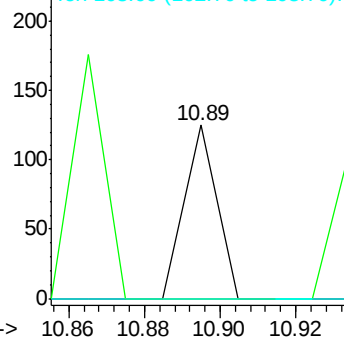


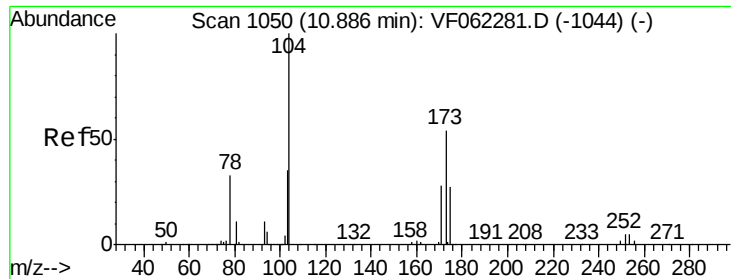
#70
Styrene
Concen: 47.241 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion:104 Resp: 74
Ion Ratio Lower Upper
104 100
78 0.0 35.9 53.9#
103 0.0 37.5 56.3#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VF0
Ion 103.00 (102.70 to 103.70): V

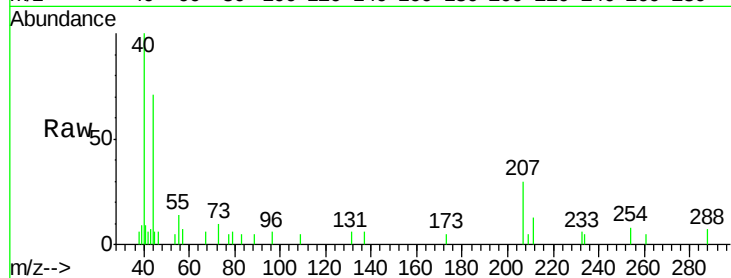




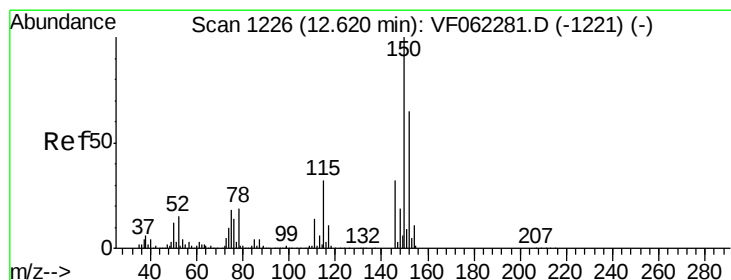
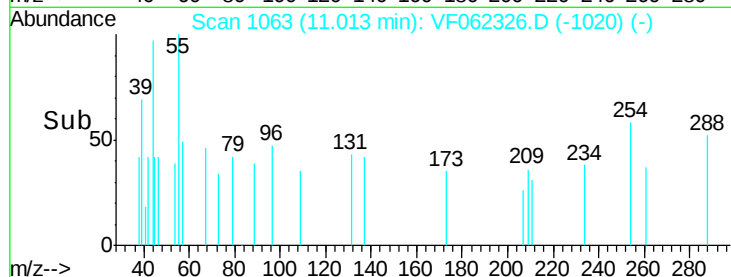
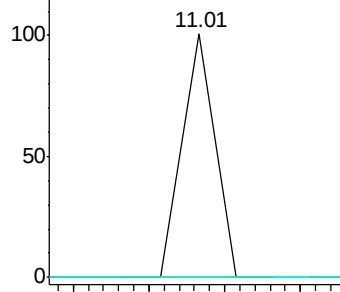
#71
Bromoform
Concen: 151.022 ug/l
RT: 11.01 min Scan# 1063
Delta R.T. 0.13 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:173 Resp: 60
Ion Ratio Lower Upper
173 100
175 0.0 25.3 75.9#
254 0.0 0.1 0.1#

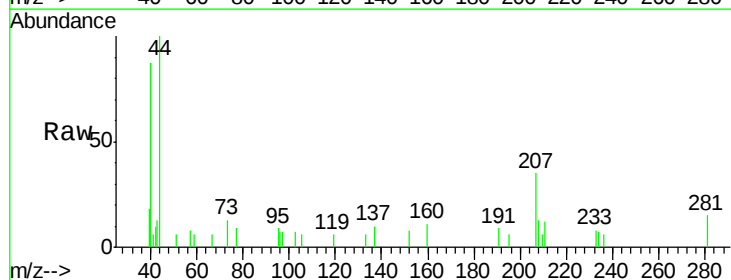


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

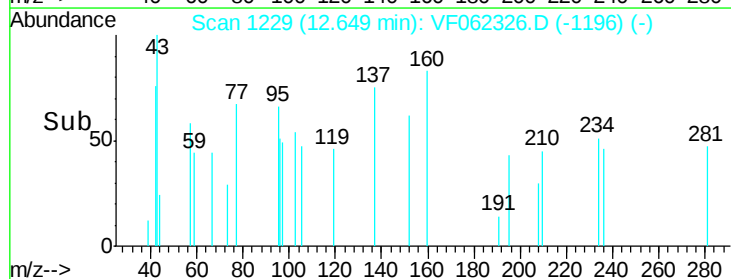
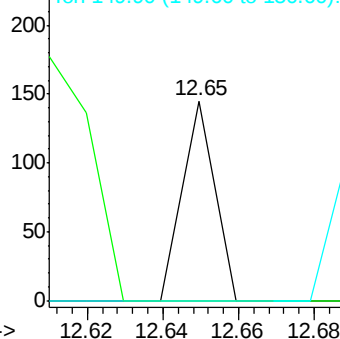


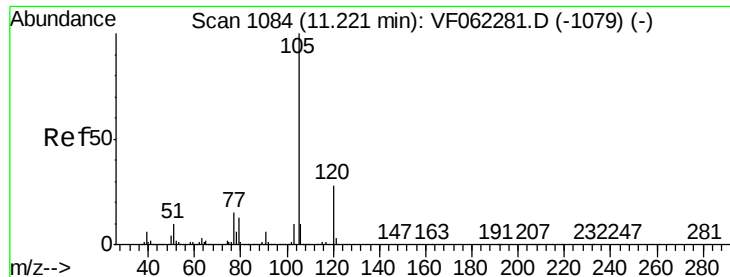
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.03 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion:152 Resp: 86
Ion Ratio Lower Upper
152 100
115 0.0 25.6 76.8#
150 0.0 0.0 330.6



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





#73

Isopropylbenzene

Concen: 11.371 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

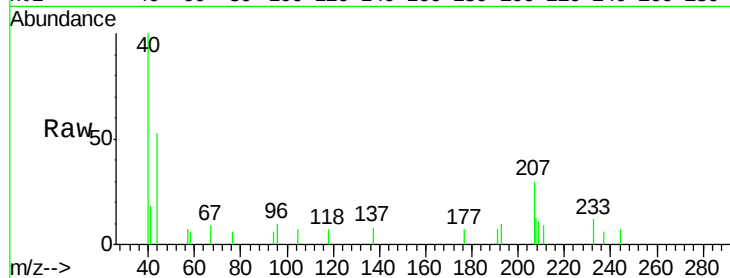
ClientSampled :

Tot Ion: 105 Resp: 67

Ion Ratio Lower Upper

105 100

120 0.0 12.4 37.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

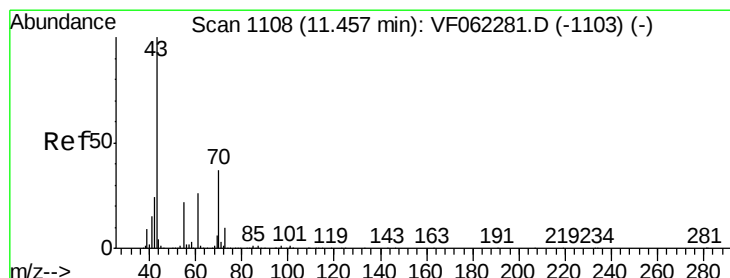
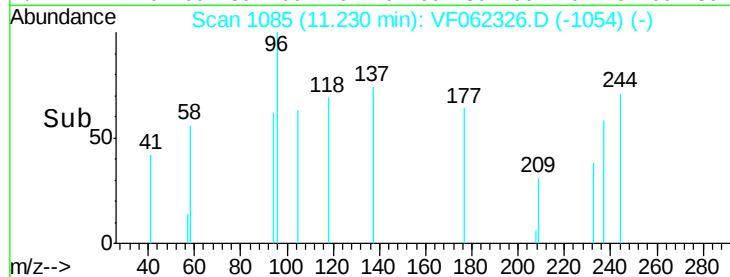
11.23

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 648.922 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. 0.03 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Tgt Ion: 43 Resp: 881

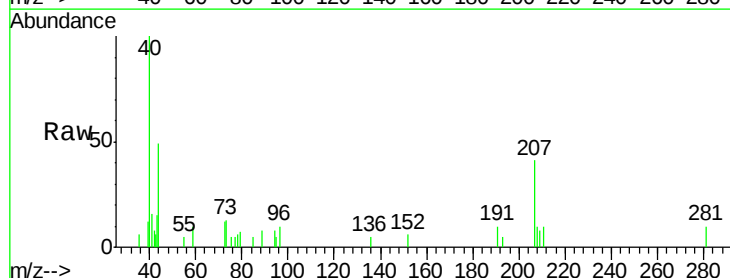
Ion Ratio Lower Upper

43 100

70 14.4 27.8 41.8#

55 0.0 16.6 24.8#

61 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

600

500

400

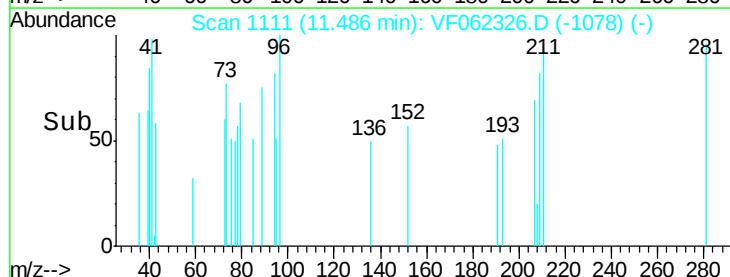
300

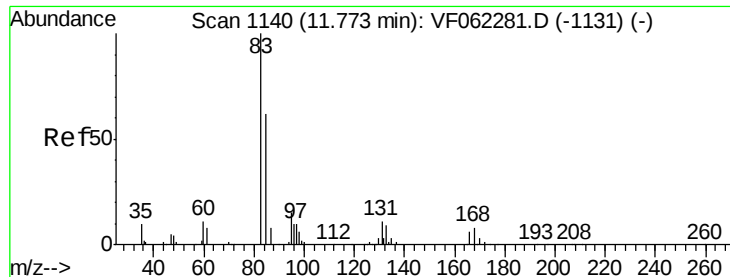
200

100

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 74.776 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. 0.08 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

ClientSampleId :

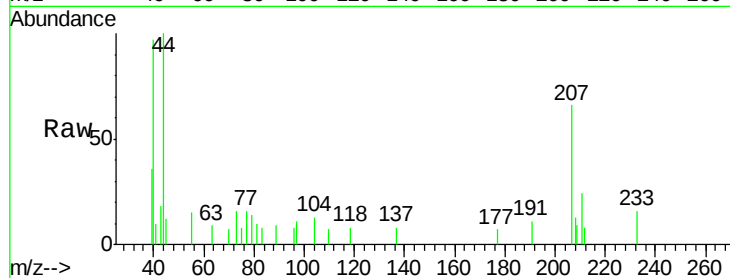
Tot Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

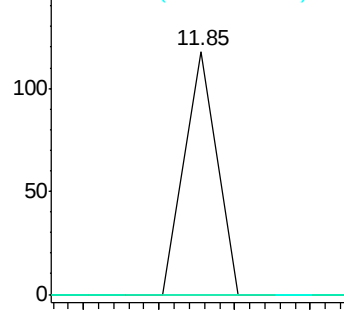
85 0.0 34.5 103.6#



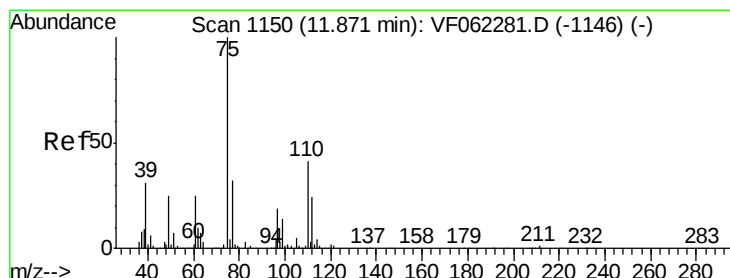
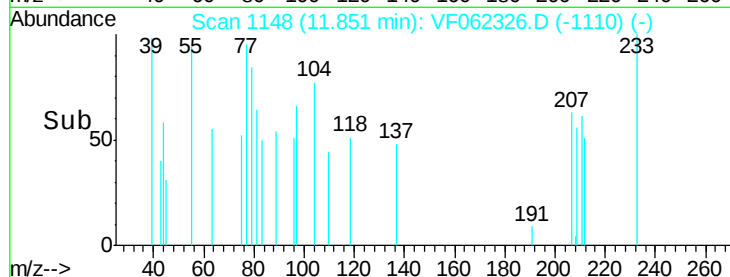
Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



Time--> 11.82 11.84 11.86 11.88



#76

1,2,3-Trichloropropane

Concen: 108.404 ug/l

RT: 11.85 min Scan# 1148

Delta R.T. -0.02 min

Lab File: VF062326.D

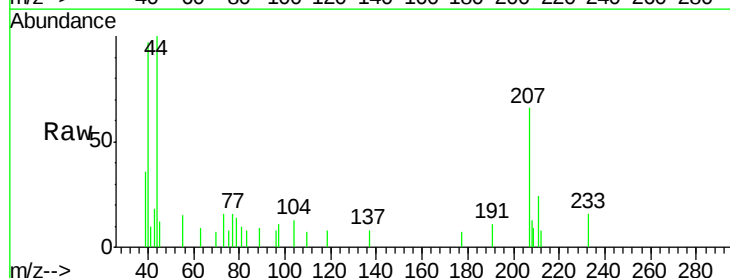
Acq: 29 Apr 2019 21:28

Tgt Ion: 75 Resp: 72

Ion Ratio Lower Upper

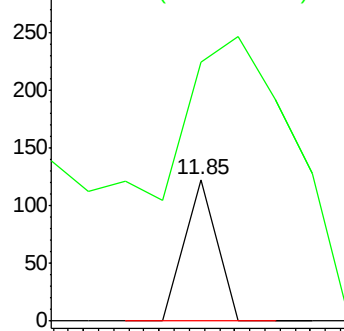
75 100

77 648.6 0.0 0.0#

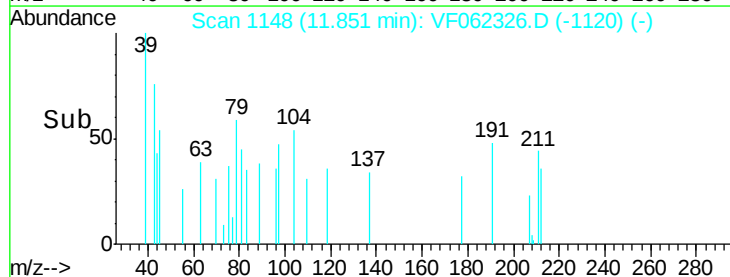


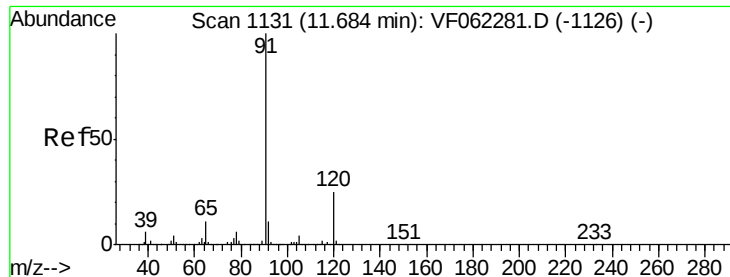
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time--> 11.82 11.84 11.86 11.88





#78

n-propylbenzene

Concen: 11.290 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

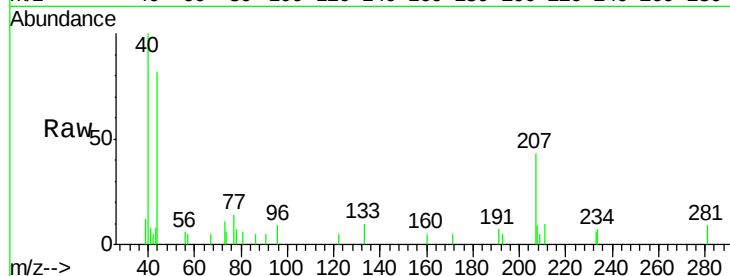
ClientSampled :

Tot Ion: 91 Resp: 70

Ion Ratio Lower Upper

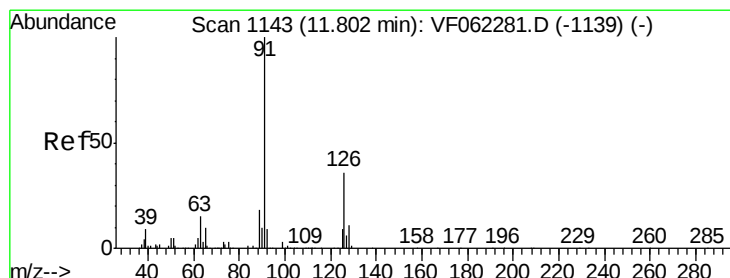
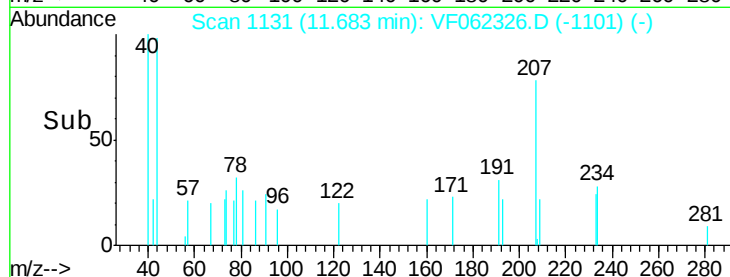
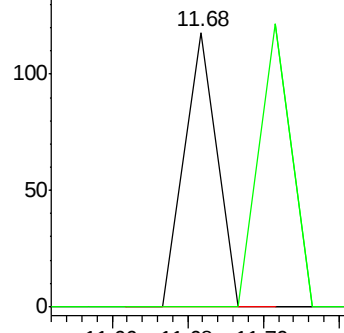
91 100

120 102.9 11.8 35.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 61.856 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062326.D

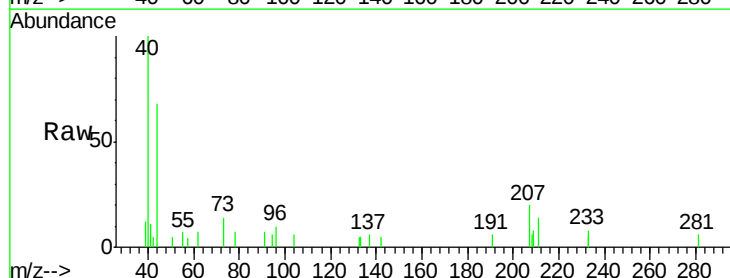
Acq: 29 Apr 2019 21:28

Tgt Ion: 91 Resp: 231

Ion Ratio Lower Upper

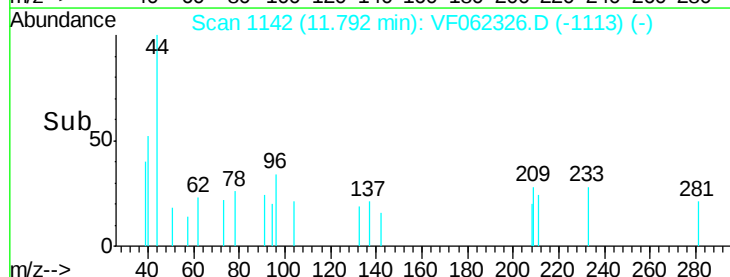
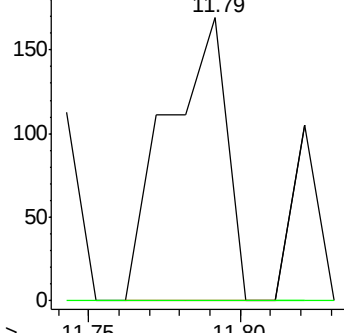
91 100

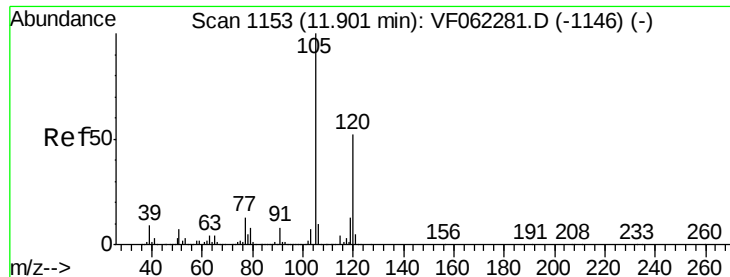
126 0.0 17.9 53.8#



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: 12.464 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

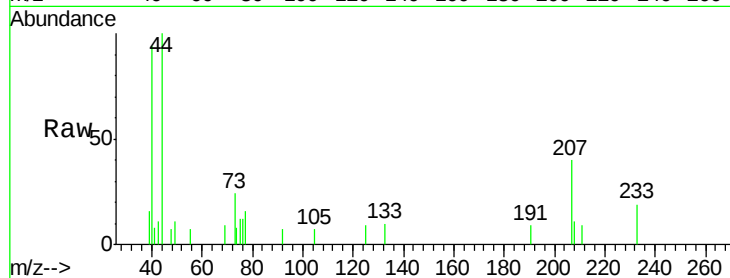
ClientSampleId :

Tot Ion:105 Resp: 62

Ion Ratio Lower Upper

105 100

120 0.0 25.8 77.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.90

100

80

60

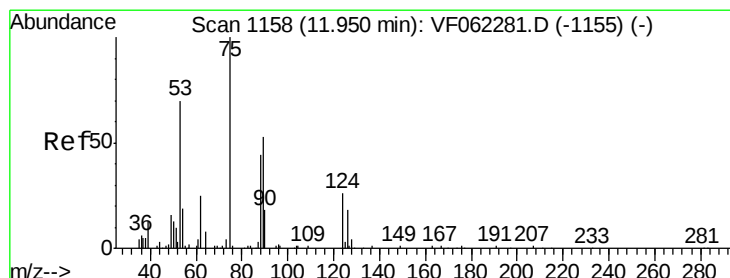
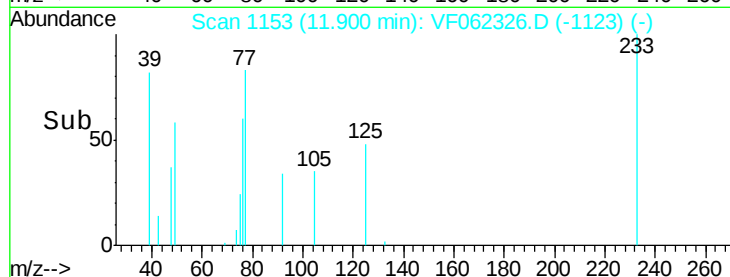
40

20

0

Time-->

11.88 11.90 11.92



#81

trans-1,4-Dichloro-2-butene

Concen: 363.777 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.05 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

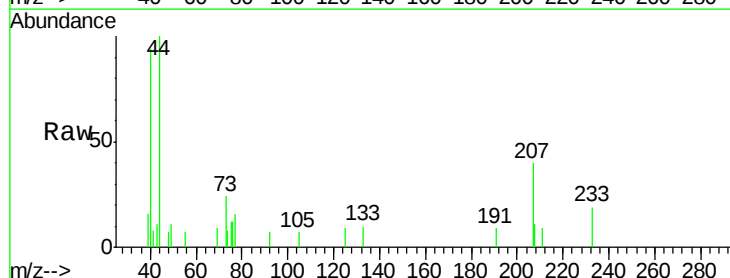
Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

53 78.7 67.1 100.7

89 0.0 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

250

200

150

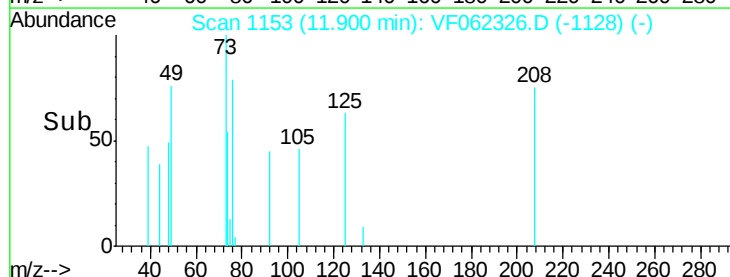
100

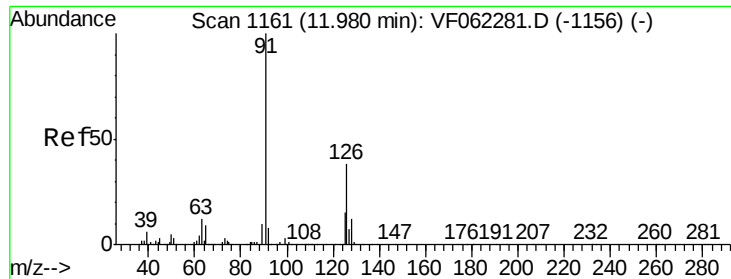
50

0

Time-->

11.88 11.90

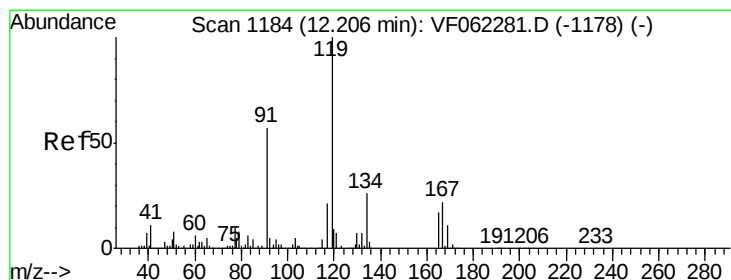
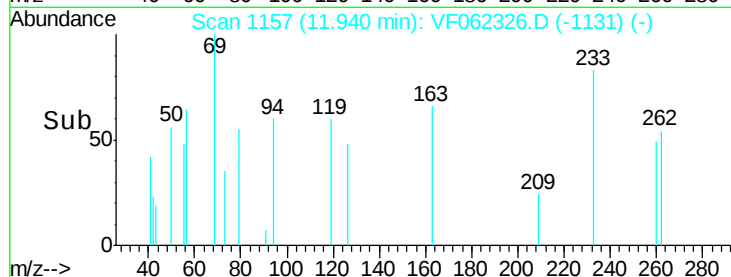
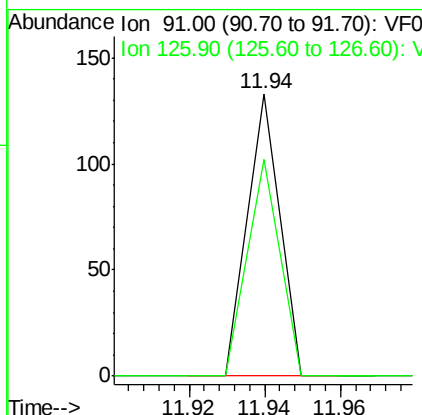
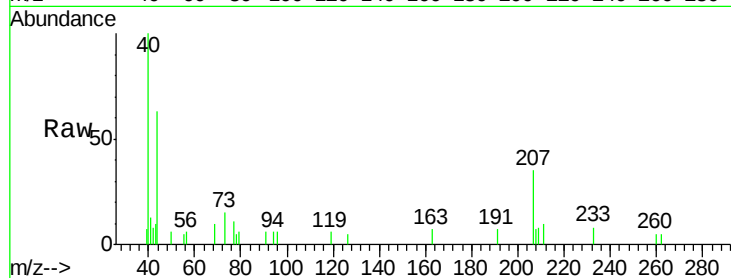




#82
4-Chlorotoluene
Concen: 21.379 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. -0.04 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

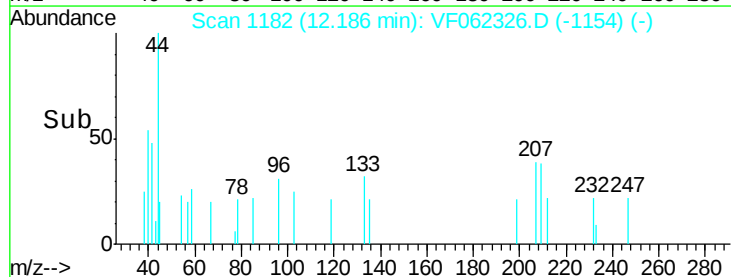
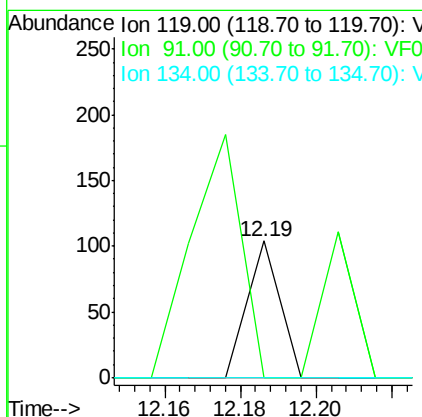
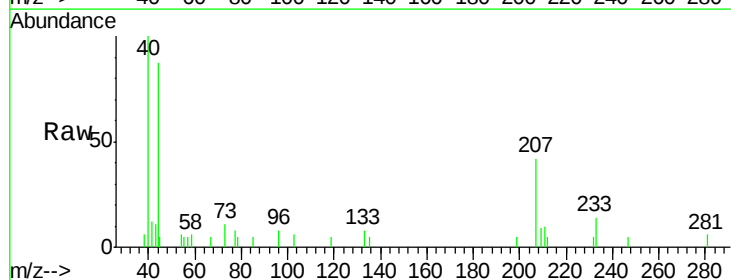
Instrument :
MSVOA_F
ClientSampled :

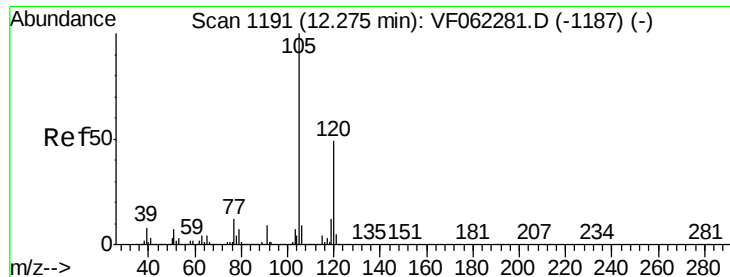
Tot Ion: 91 Resp: 79
Ion Ratio Lower Upper
91 100
126 75.9 17.3 52.0#



#83
tert-Butylbenzene
Concen: 12.145 ug/l
RT: 12.19 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

Tgt Ion: 119 Resp: 62
Ion Ratio Lower Upper
119 100
91 274.2 29.4 88.2#
134 0.0 11.9 35.7#





#84

1,2,4-Trimethylbenzene

Concen: 12.247 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. 0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

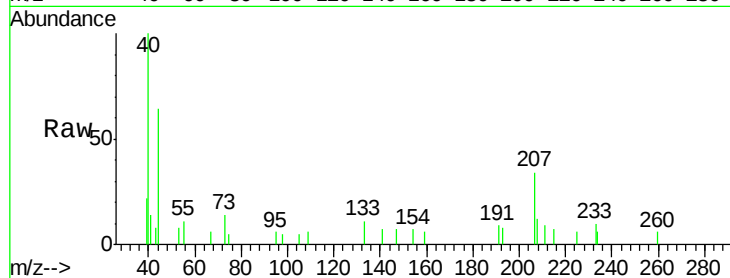
ClientSampled :

Tot Ion:105 Resp: 59

Ion Ratio Lower Upper

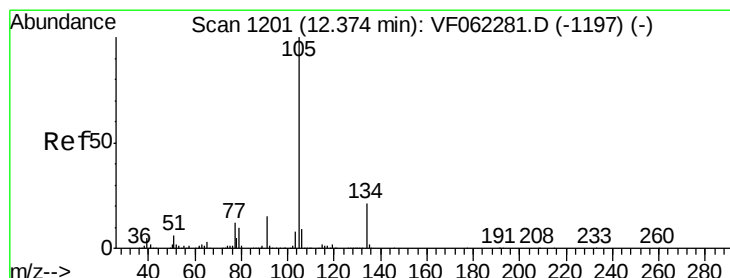
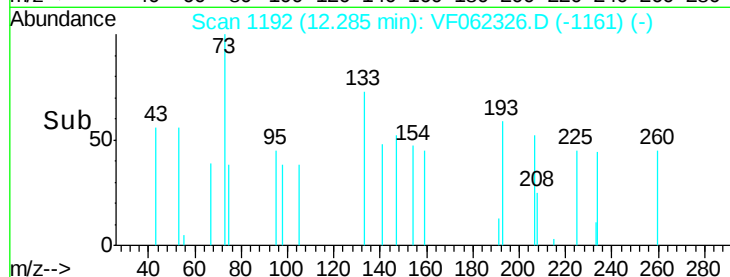
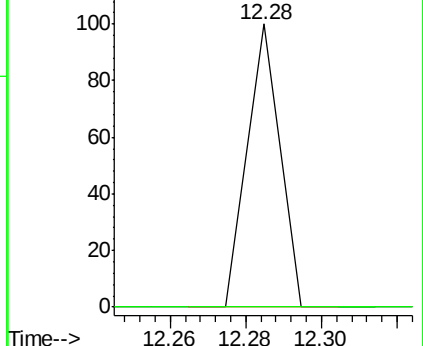
105 100

120 0.0 24.1 72.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 11.324 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VF062326.D

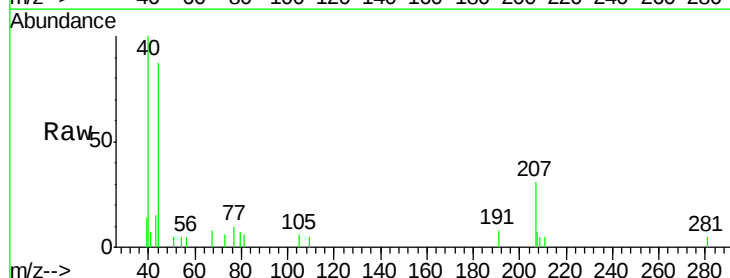
Acq: 29 Apr 2019 21:28

Tgt Ion:105 Resp: 72

Ion Ratio Lower Upper

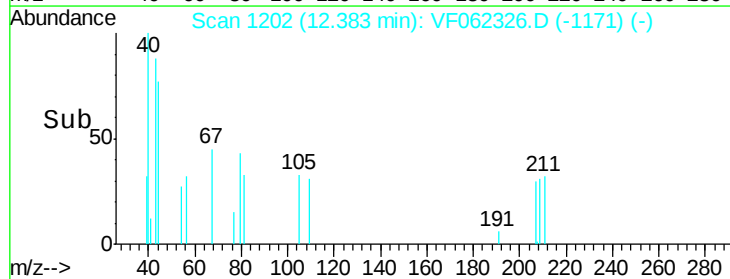
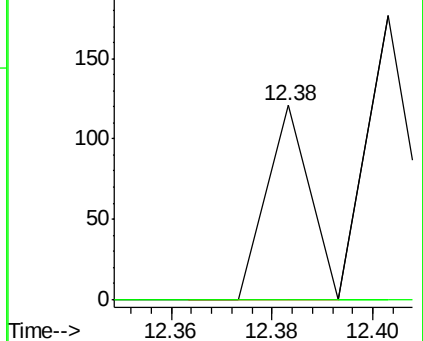
105 100

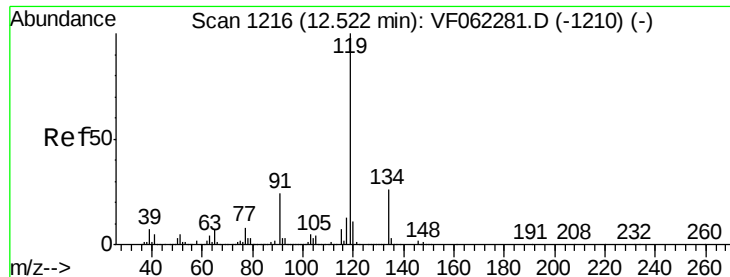
134 0.0 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

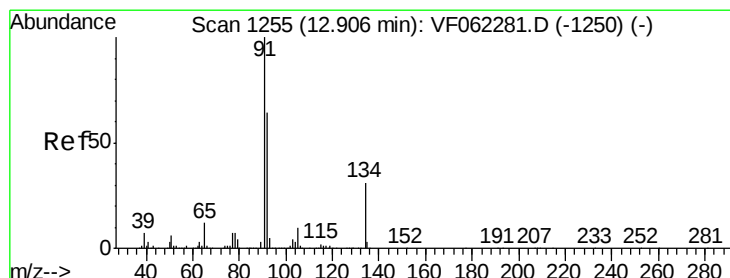
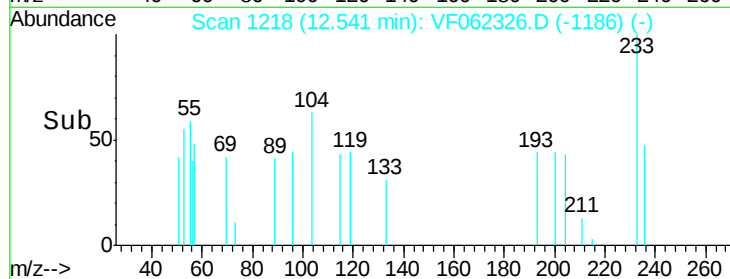
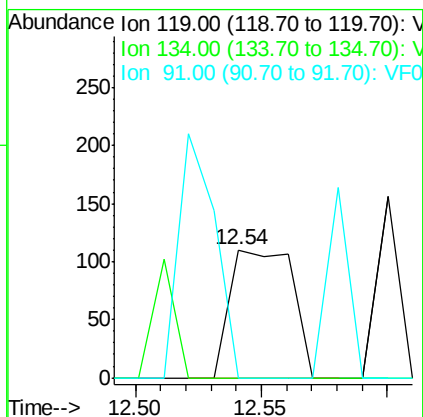
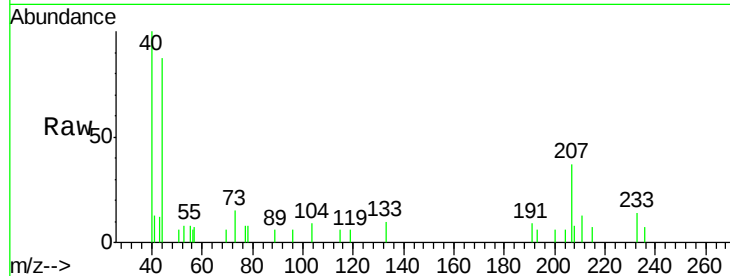




#86
p-Isopropyltoluene
Concen: 33.331 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.02 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

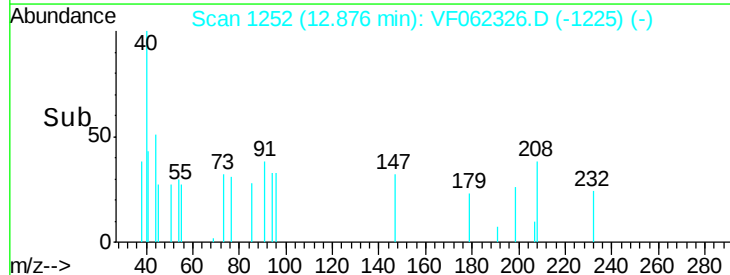
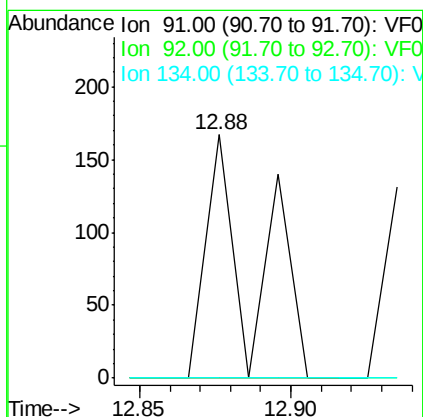
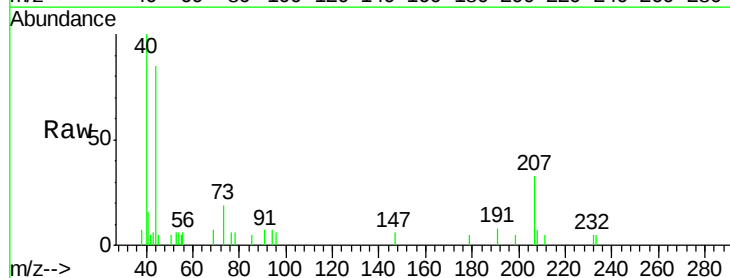
Instrument :
MSVOA_F
ClientSampleId :

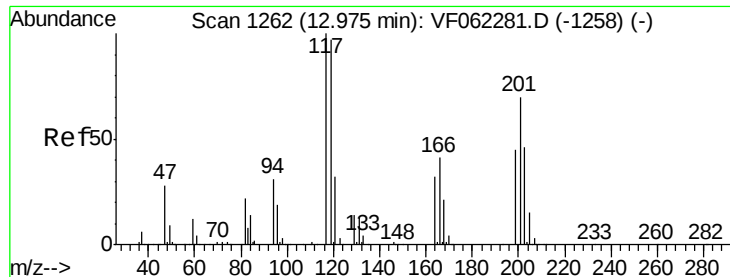
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	0.0	11.6	34.7#



#89
n-Butylbenzene
Concen: 34.945 ug/l
RT: 12.88 min Scan# 1252
Delta R.T. -0.03 min
Lab File: VF062326.D
Acq: 29 Apr 2019 21:28

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





#90

Hexachloroethane

Concen: 46.888 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.04 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

Instrument :

MSVOA_F

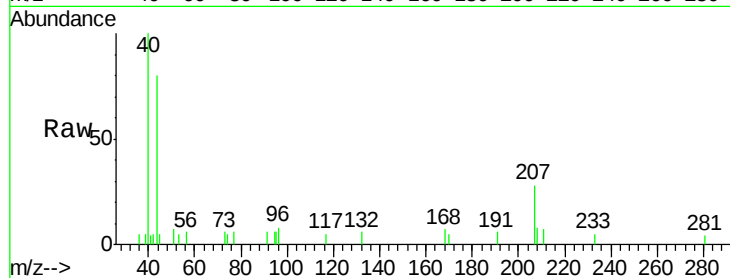
ClientSampleId :

Tot Ion:117 Resp: 67

Ion Ratio Lower Upper

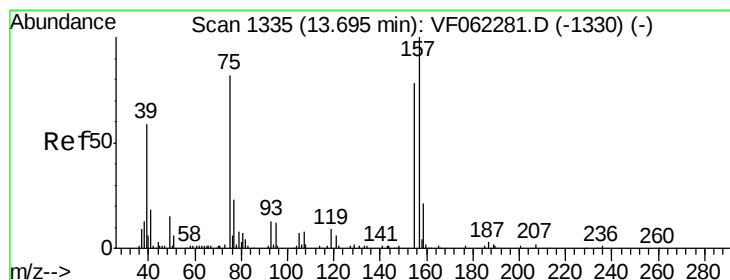
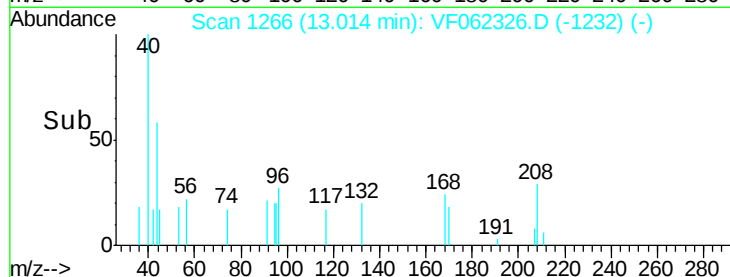
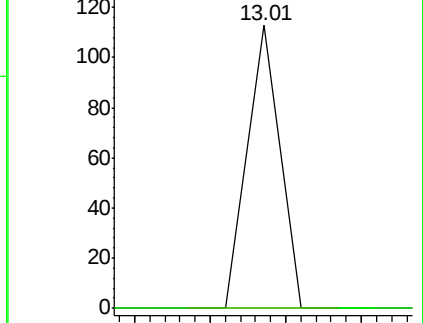
117 100

201 0.0 42.9 128.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 894.888 ug/l

RT: 13.68 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VF062326.D

Acq: 29 Apr 2019 21:28

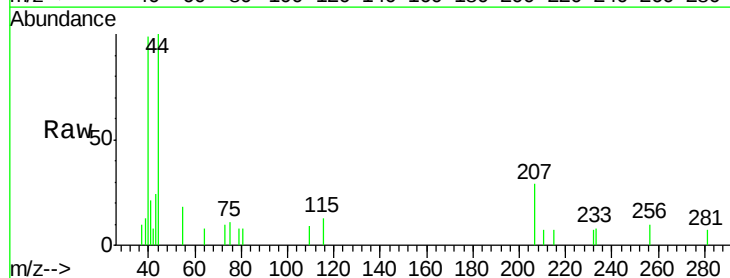
Tgt Ion: 75 Resp: 169

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.2#

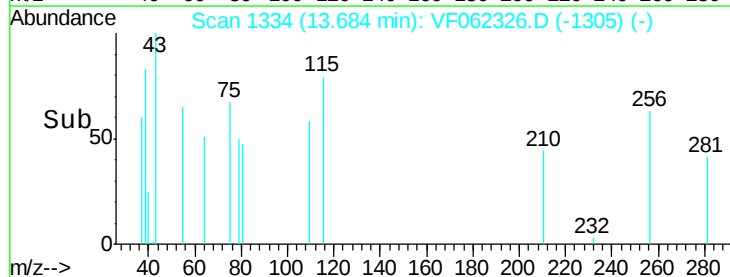
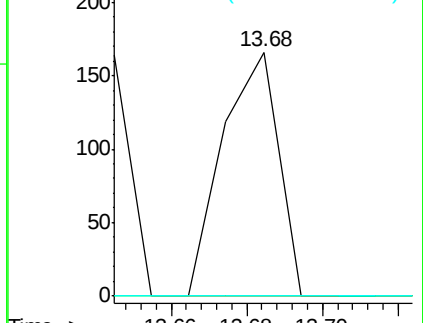
157 0.0 64.5 193.5#

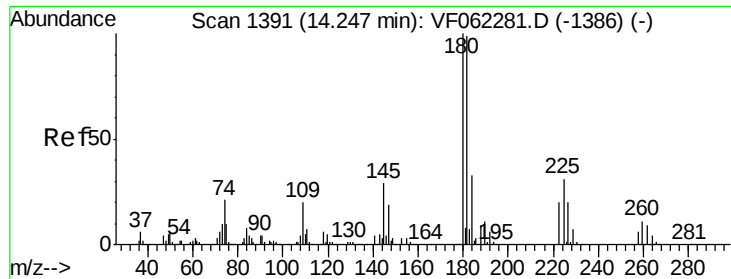


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

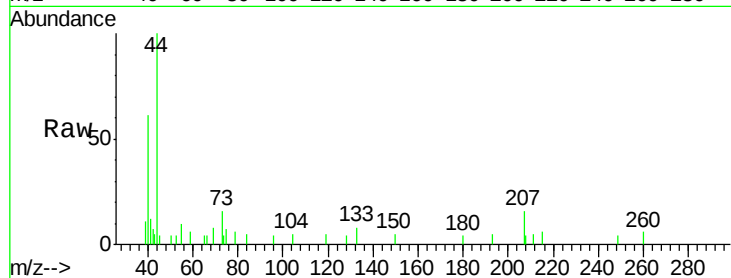




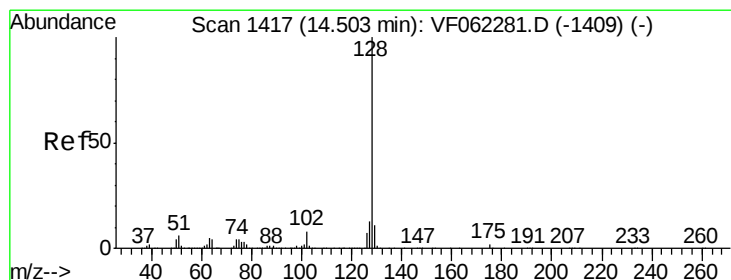
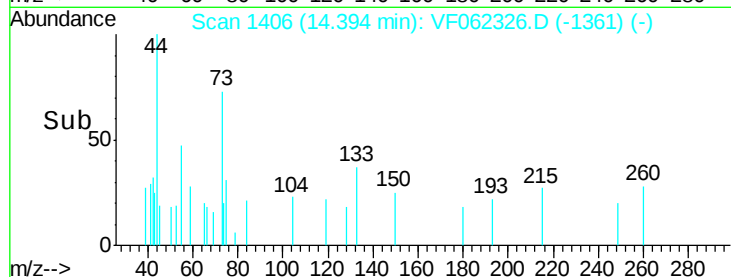
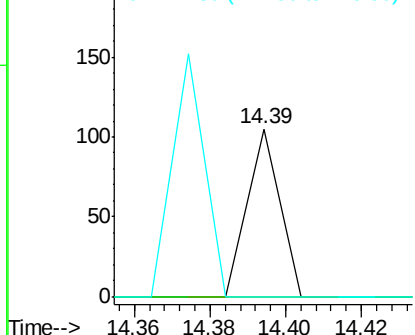
#93
 1,2,4-Trichlorobenzene
 Concen: 28.212 ug/l
 RT: 14.39 min Scan# 1406
 Delta R.T. 0.15 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.5 145.6#
 145 145.2 16.7 50.1#

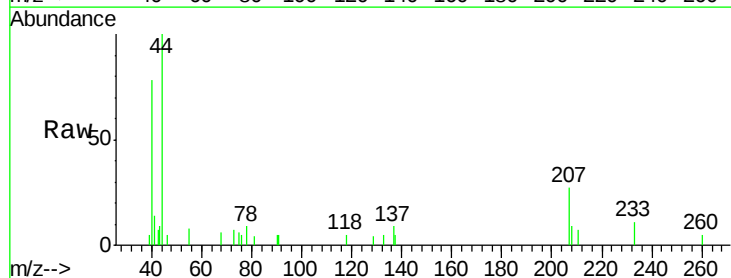


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

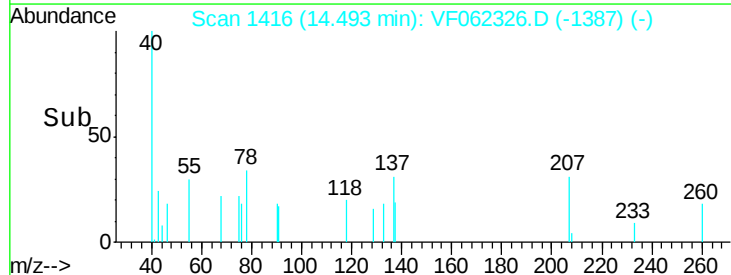
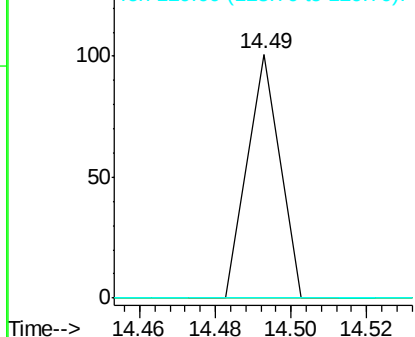


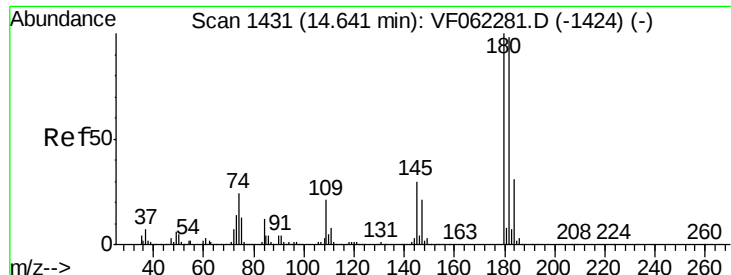
#95
 Naphthalene
 Concen: 17.623 ug/l
 RT: 14.49 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Tgt Ion:128 Resp: 60
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.9 13.3#



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

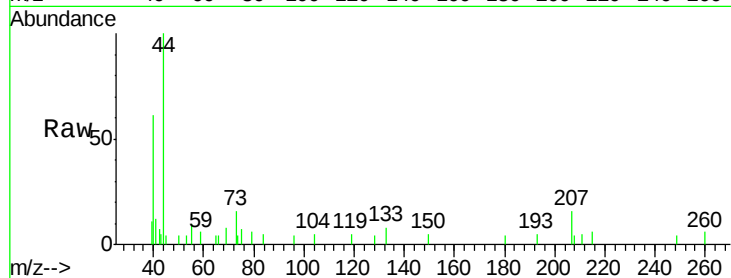




#96
 1,2,3-Trichlorobenzene
 Concen: 29.830 ug/l
 RT: 14.39 min Scan# 1406
 Delta R.T. -0.25 min
 Lab File: VF062326.D
 Acq: 29 Apr 2019 21:28

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.0	147.2#
145	145.2	14.5	43.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

