

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042419\
 Data File : VF062286.D
 Acq On : 24 Apr 2019 17:42
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF042419

Quant Time: Apr 25 08:48:02 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	461715	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	638943	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	471080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	259208	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	194868	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	4.32	113	235973	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	7.72	98	575169	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.50	95	228196	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	279238	50.892	ug/l	97
3) Chloromethane	1.15	50	239570	51.828	ug/l	95
4) Vinyl Chloride	1.19	62	224719	51.332	ug/l	97
5) Bromomethane	1.40	94	156049	52.489	ug/l	93
6) Chloroethane	1.44	64	106206	55.342	ug/l	99
7) Trichlorofluoromethane	1.56	101	373119	53.636	ug/l	92
8) Diethyl Ether	1.72	74	65692	52.126	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.91	101	233991	53.599	ug/l	99
10) Methyl Iodide	1.98	142	396664	51.981	ug/l	100
11) Tert butyl alcohol	2.71	59	59062	261.066	ug/l	97
12) 1,1-Dichloroethene	1.87	96	207223	53.199	ug/l	93
13) Acrolein	2.11	56	53465	252.000	ug/l	99
14) Allyl chloride	2.20	41	202610	47.794	ug/l #	68
15) Acrylonitrile	3.10	53	154128	245.976	ug/l	97
16) Acetone	2.36	43	250935	299.674	ug/l	96
17) Carbon Disulfide	1.92	76	527983	51.502	ug/l	100
18) Methyl Acetate	2.46	43	87269	56.432	ug/l	99
19) Methyl tert-butyl Ether	2.55	73	402797	54.241	ug/l	99
20) Methylene Chloride	2.34	84	137395	37.065	ug/l	98
21) trans-1,2-Dichloroethene	2.42	96	195249	50.721	ug/l	95
22) Diisopropyl ether	2.94	45	598732	52.464	ug/l	99
23) Vinyl Acetate	3.35	43	1384672	273.613	ug/l	100
24) 1,1-Dichloroethane	3.02	63	337904	51.876	ug/l	99
25) 2-Butanone	4.53	43	361411	272.202	ug/l	99
26) 2,2-Dichloropropane	3.78	77	171467	50.691	ug/l	99
27) cis-1,2-Dichloroethene	3.66	96	259961	53.327	ug/l	96
28) Bromochloromethane	3.91	49	135449	49.346	ug/l #	100
29) Tetrahydrofuran	4.28	42	147941	253.584	ug/l	98
30) Chloroform	4.06	83	446729	54.618	ug/l	99
31) Cyclohexane	3.88	56	330276	53.288	ug/l	97
32) 1,1,1-Trichloroethane	4.29	97	269088	41.903	ug/l #	60
36) 1,1-Dichloropropene	4.48	75	310507	52.675	ug/l	97
37) Ethyl Acetate	4.32	43	129234	52.112	ug/l #	78
38) Carbon Tetrachloride	4.19	117	399933	66.737	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042419\
 Data File : VF062286.D
 Acq On : 24 Apr 2019 17:42
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF042419

Quant Time: Apr 25 08:48:02 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)
39) Methylcyclohexane	5.64	83	354332	51.492	ug/l	97
40) Benzene	4.83	78	780704	54.817	ug/l	99
41) Methacrylonitrile	4.94	41	76651	55.636	ug/l	98
42) 1,2-Dichloroethane	5.14	62	255393	56.604	ug/l	99
43) Isopropyl Acetate	7.12	43	131694	51.830	ug/l #	99
44) Trichloroethene	5.69	130	242095	50.242	ug/l	96
45) 1,2-Dichloropropane	6.42	63	172837	53.825	ug/l	96
46) Dibromomethane	6.27	93	125893	54.295	ug/l	98
47) Bromodichloromethane	6.56	83	297668	54.609	ug/l	96
48) Methyl methacrylate	6.88	41	94857	52.208	ug/l	99
49) 1,4-Dioxane	6.88	88	22034	1053.175	ug/l	91
51) 4-Methyl-2-Pentanone	8.41	43	501896	256.858	ug/l	100
52) Toluene	7.79	92	410249	49.920	ug/l	98
53) t-1,3-Dichloropropene	8.43	75	211866	52.858	ug/l	96
54) cis-1,3-Dichloropropene	7.46	75	264725	51.555	ug/l	99
55) 1,1,2-Trichloroethane	8.64	97	124173	53.201	ug/l	95
56) Ethyl methacrylate	8.76	69	134509	52.457	ug/l	98
57) 1,3-Dichloropropane	9.00	76	184155	50.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.45	63	186919	239.560	ug/l	97
59) 2-Hexanone	9.63	43	329892	278.185	ug/l	98
60) Dibromochloromethane	8.86	129	200906	53.035	ug/l	97
61) 1,2-Dibromoethane	9.14	107	143741	53.210	ug/l	96
64) Tetrachloroethene	8.31	164	206562	52.424	ug/l	98
65) Chlorobenzene	9.94	112	462714	53.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	210833	51.996	ug/l	99
67) Ethyl Benzene	10.03	91	769227	51.399	ug/l	97
68) m/p-Xylenes	10.26	106	577747	103.689	ug/l	98
69) o-Xylene	10.82	106	323270	51.930	ug/l	99
70) Styrene	10.89	104	437133	48.576	ug/l	100
71) Bromoform	10.88	173	115175	50.462	ug/l #	97
73) Isopropylbenzene	11.22	105	937099	52.766	ug/l	96
74) N-amyl acetate	11.45	43	193152	47.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.77	83	153449	54.385	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	103667	51.785	ug/l #	100
77) Bromobenzene	11.58	156	231322	52.103	ug/l	99
78) n-propylbenzene	11.68	91	929707	49.752	ug/l	100
79) 2-Chlorotoluene	11.80	91	597730	53.104	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	772533	51.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.95	75	59036	65.975	ug/l #	76
82) 4-Chlorotoluene	11.98	91	559358	50.222	ug/l	98
83) tert-Butylbenzene	12.20	119	829956	53.941	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	737675	50.802	ug/l	99
85) sec-Butylbenzene	12.37	105	1037932	54.160	ug/l	100
86) p-Isopropyltoluene	12.52	119	899197	52.335	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	397281	50.579	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	385877	51.814	ug/l	99
89) n-Butylbenzene	12.90	91	806245	51.644	ug/l	99
90) Hexachloroethane	12.98	117	239805	55.680	ug/l	98
91) 1,2-Dichlorobenzene	13.00	146	390872	51.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	31786	55.843	ug/l	83

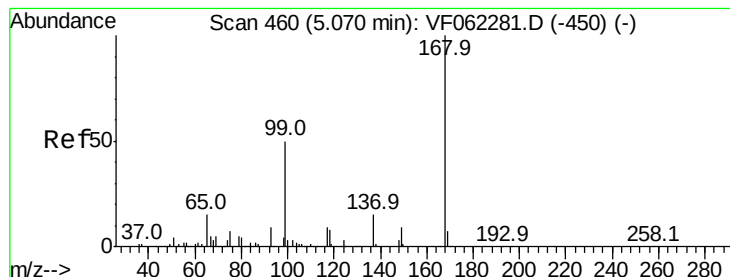
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042419\
Data File : VF062286.D
Acq On : 24 Apr 2019 17:42
Operator : FY/SY
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

Quant Time: Apr 25 08:48:02 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	14.24	180	344201	51.965	ug/l	99
94) Hexachlorobutadiene	14.23	225	258681	54.304	ug/l	100
95) Naphthalene	14.50	128	561855	54.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	338850	54.090	ug/l	99

(#) = 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: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

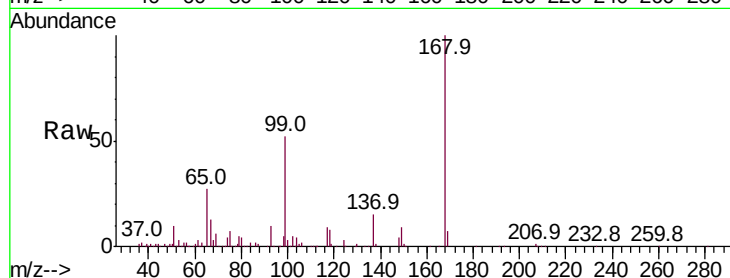
ICVVF042419

Tot Ion:168 Resp: 461715

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

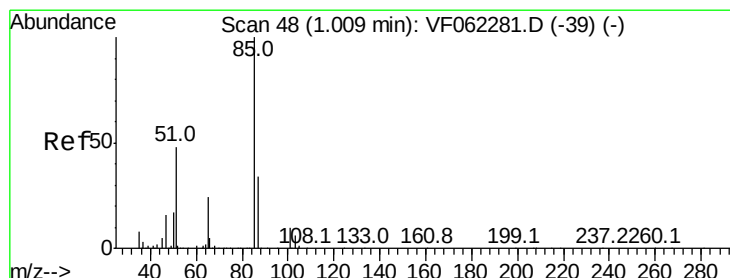
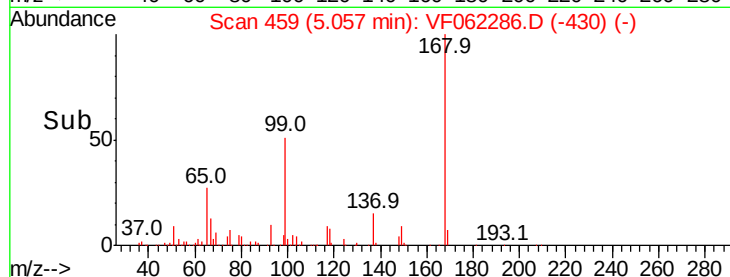
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.892 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062286.D

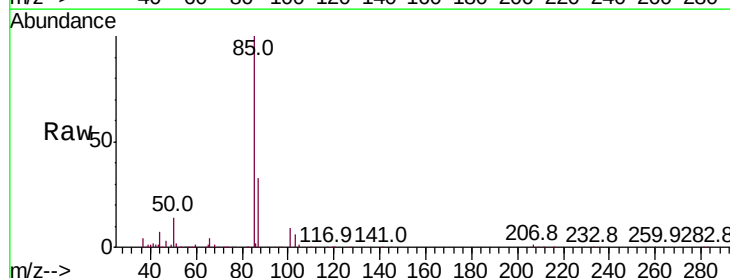
Acq: 24 Apr 2019 17:42

Tgt Ion: 85 Resp: 279238

Ion Ratio Lower Upper

85 100

87 32.6 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

80000

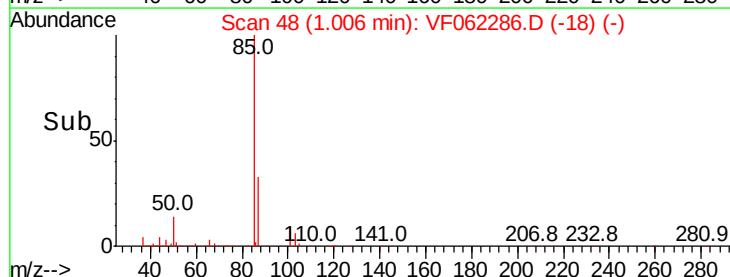
60000

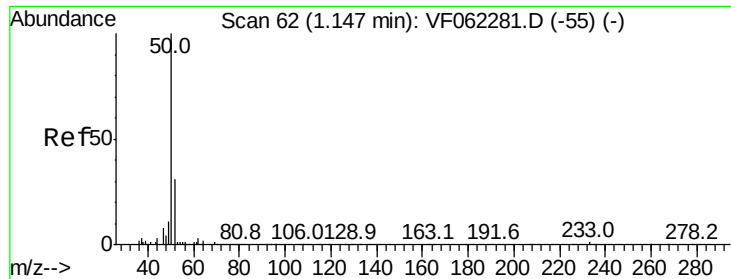
40000

20000

0

Time-->





#3

Chloromethane

Concen: 51.828 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

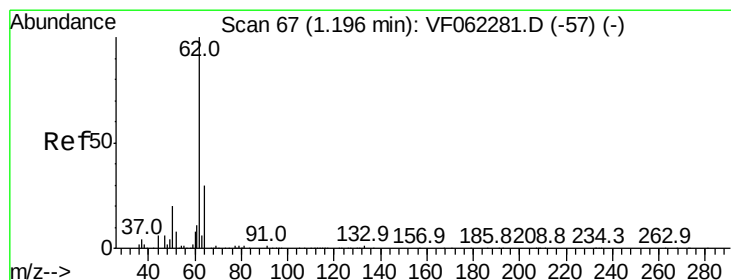
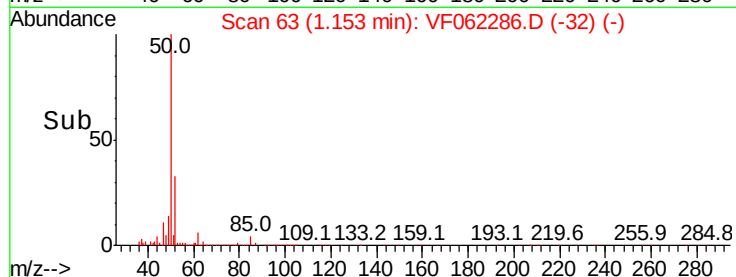
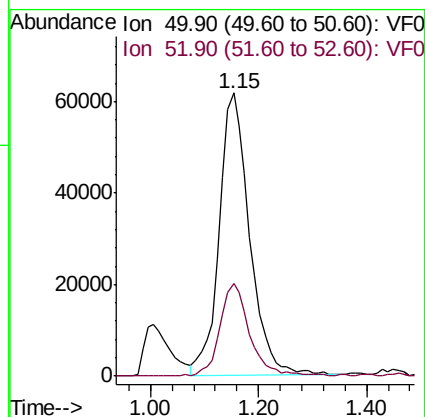
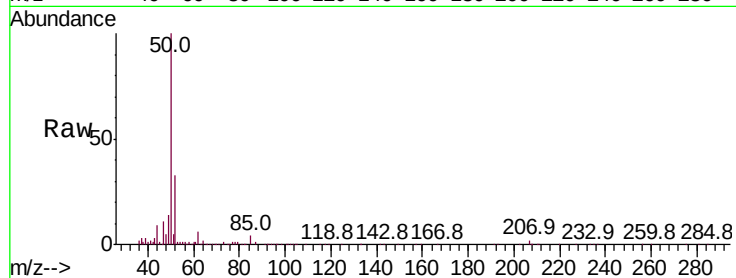
ICVVF042419

Tot Ion: 50 Resp: 239570

Ion Ratio Lower Upper

50 100

52 32.9 24.2 36.4



#4

Vinyl Chloride

Concen: 51.332 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062286.D

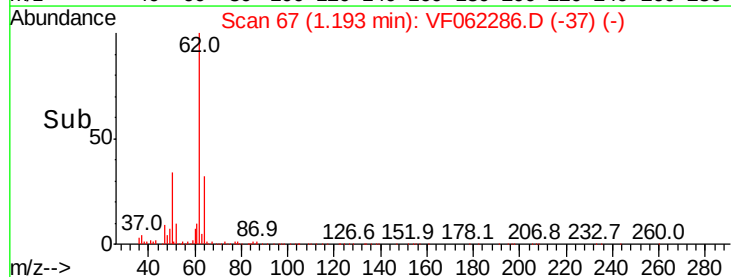
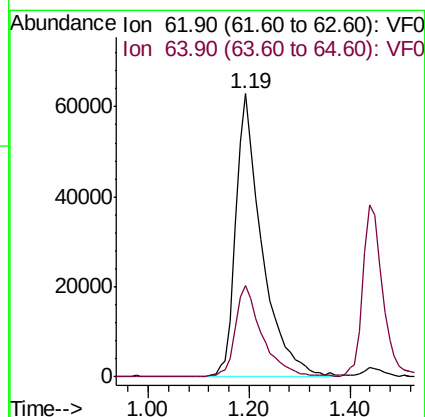
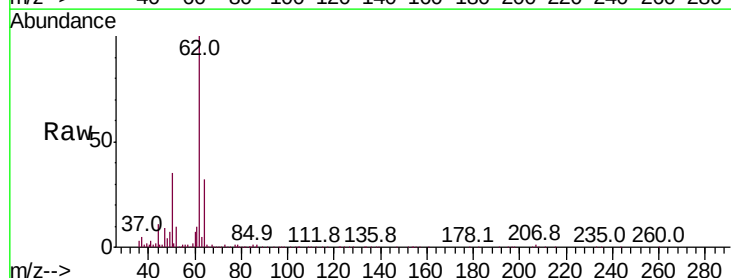
Acq: 24 Apr 2019 17:42

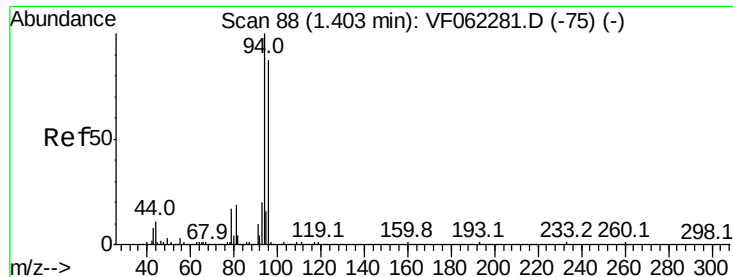
Tgt Ion: 62 Resp: 224719

Ion Ratio Lower Upper

62 100

64 32.1 24.3 36.5





#5

Bromomethane

Concen: 52.489 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

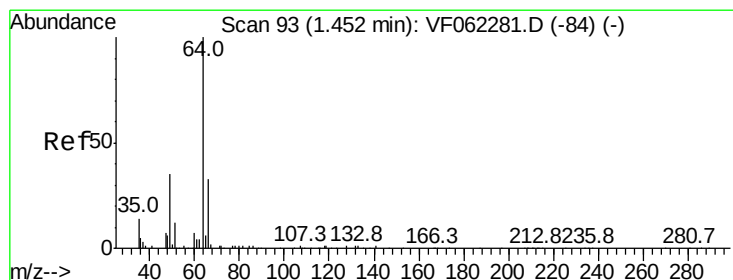
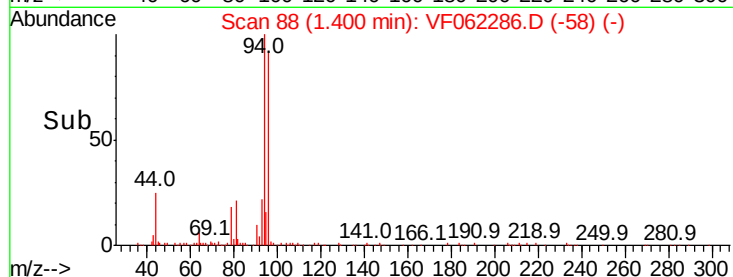
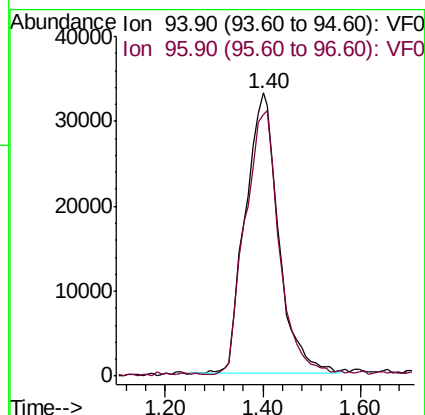
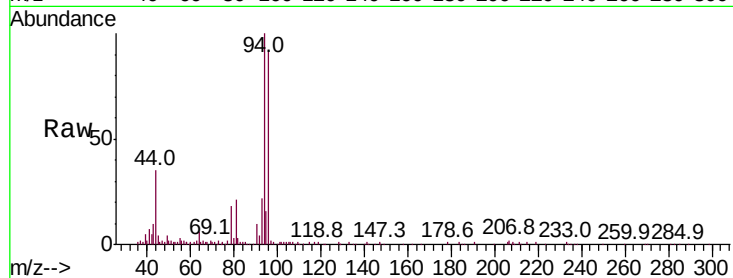
ICVVF042419

Tot Ion: 94 Resp: 156049

Ion Ratio Lower Upper

94 100

96 93.0 69.5 104.3



#6

Chloroethane

Concen: 55.342 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF062286.D

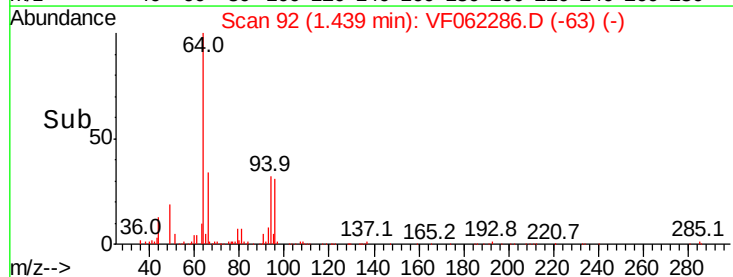
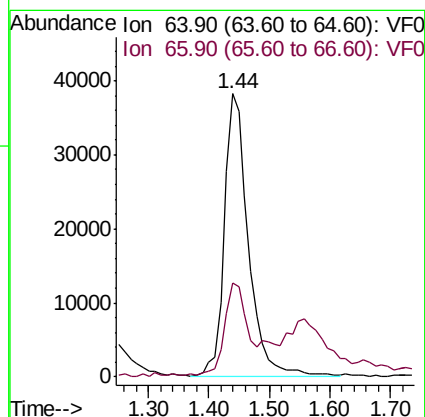
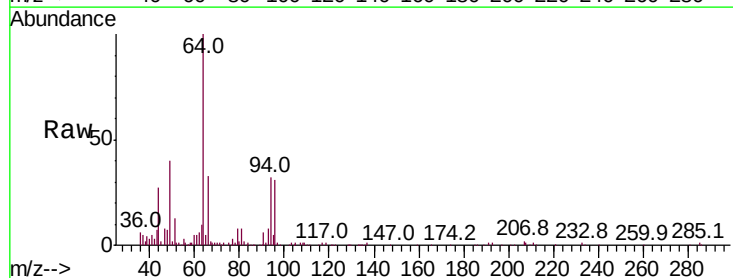
Acq: 24 Apr 2019 17:42

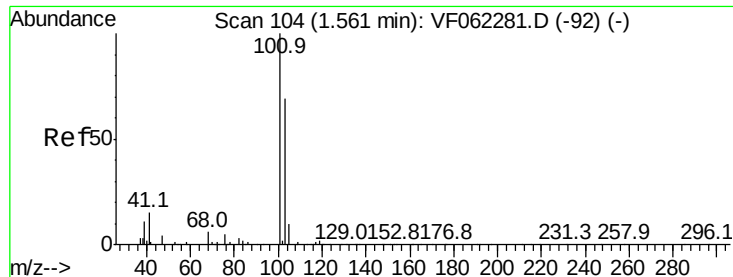
Tgt Ion: 64 Resp: 106206

Ion Ratio Lower Upper

64 100

66 32.2 26.0 39.0



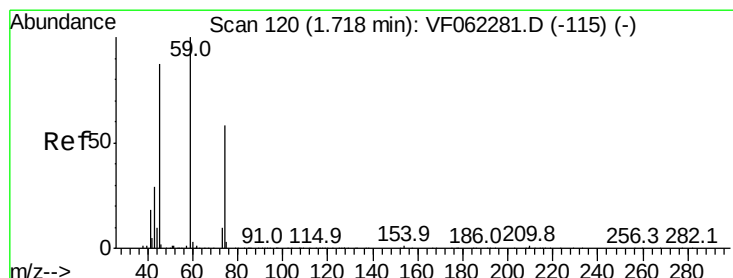
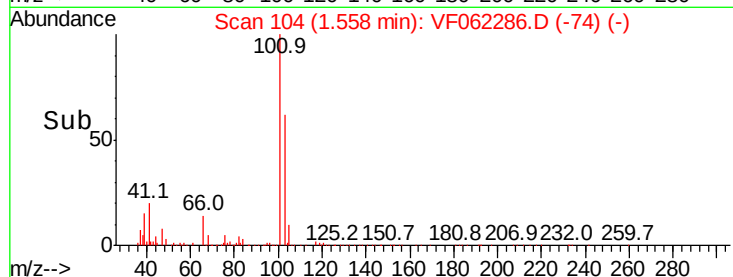
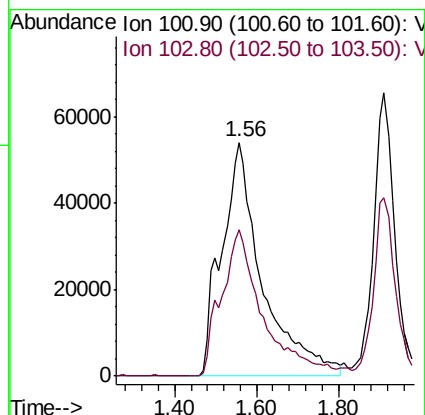
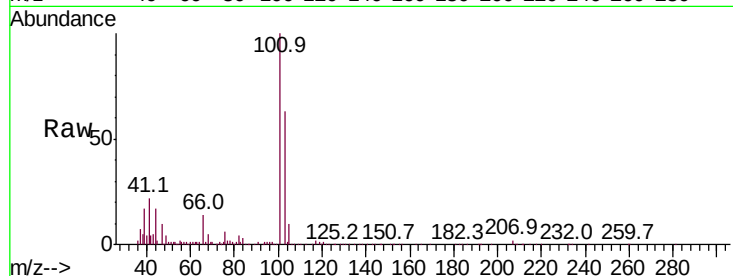


#7

Trichlorofluoromethane
Concen: 53.636 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

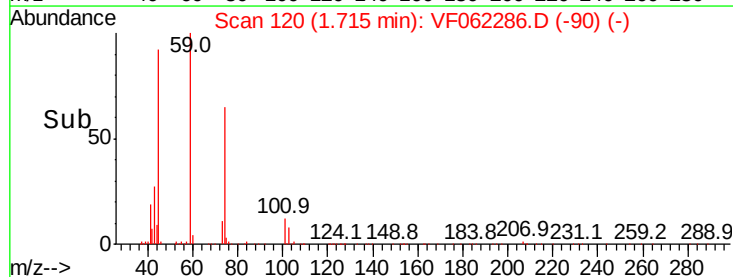
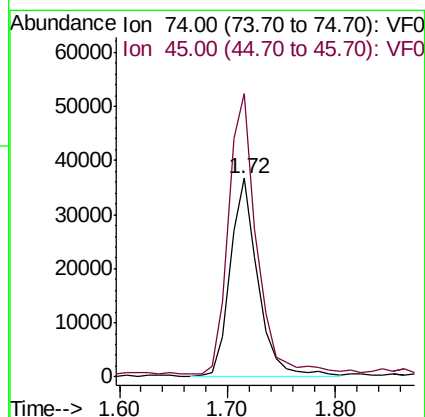
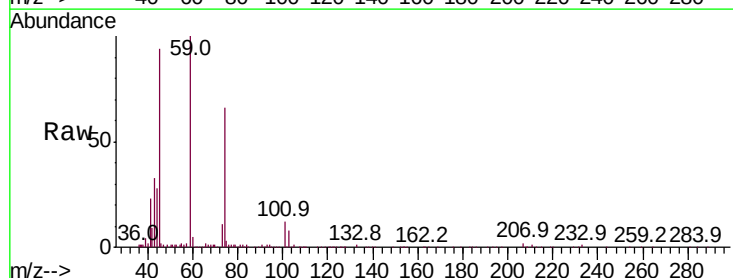
Tot Ion:101 Resp: 373119
Ion Ratio Lower Upper
101 100
103 62.2 55.0 82.6

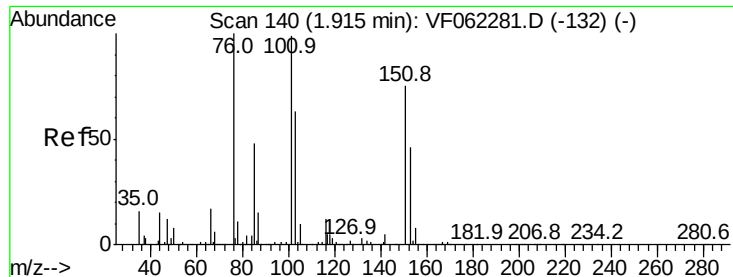


#8

Diethyl Ether
Concen: 52.126 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 74 Resp: 65692
Ion Ratio Lower Upper
74 100
45 142.5 74.0 222.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.599 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

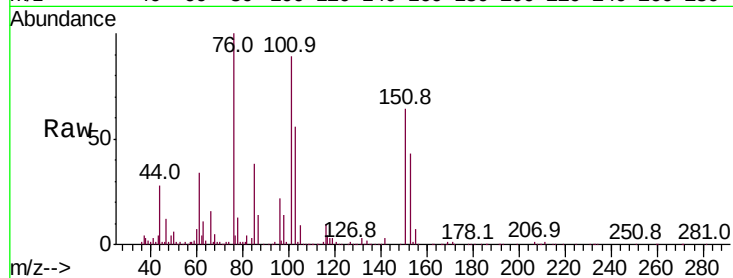
Tot Ion:101 Resp: 233991

Ion Ratio Lower Upper

101 100

85 45.4 36.5 54.7

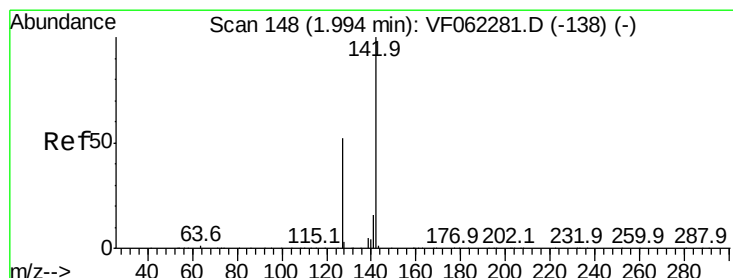
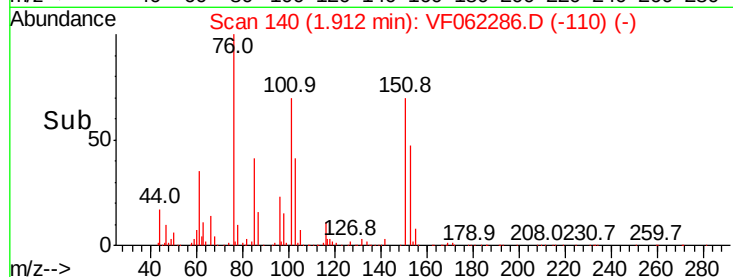
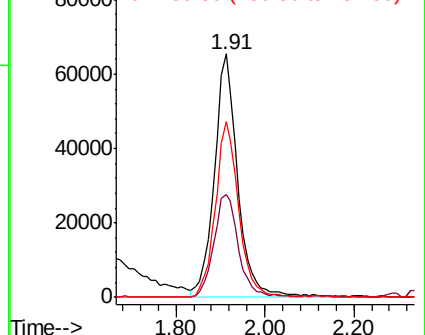
151 73.0 59.2 88.8



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



#10

Methyl Iodide

Concen: 51.981 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

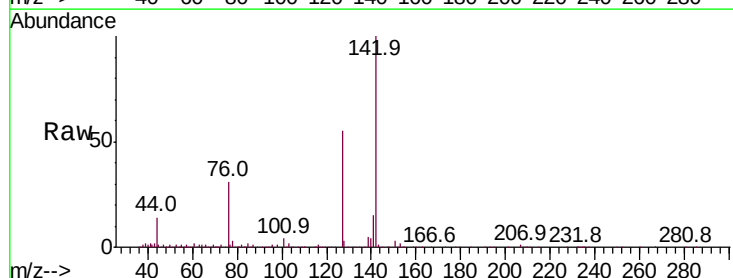
Tgt Ion:142 Resp: 396664

Ion Ratio Lower Upper

142 100

127 53.7 43.0 64.4

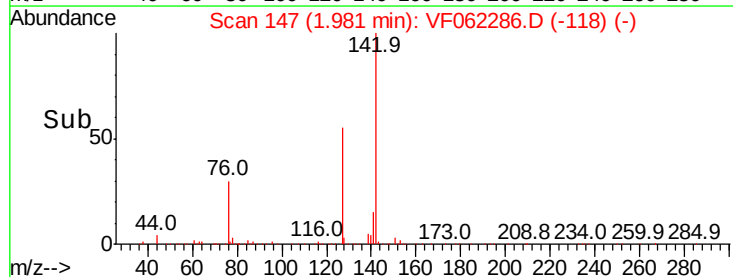
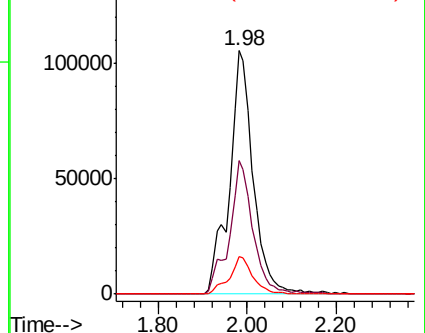
141 14.7 12.3 18.5

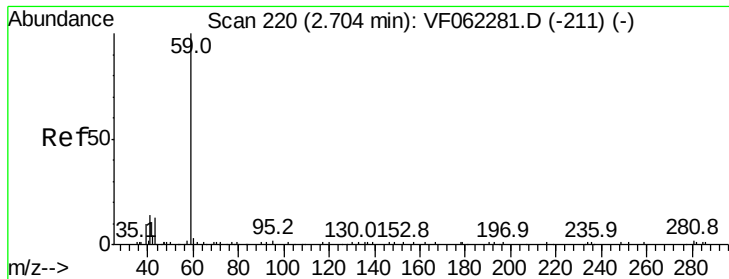


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

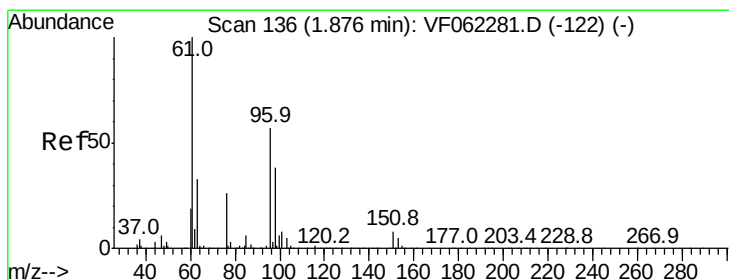
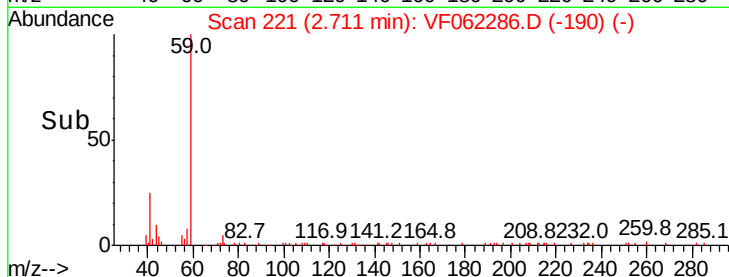
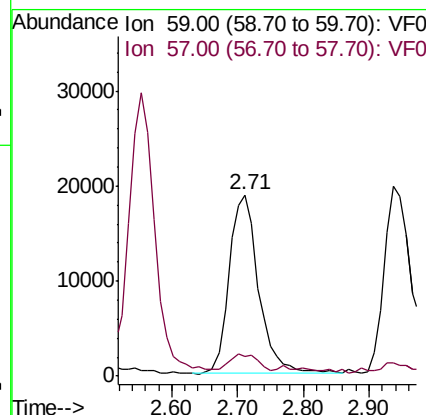
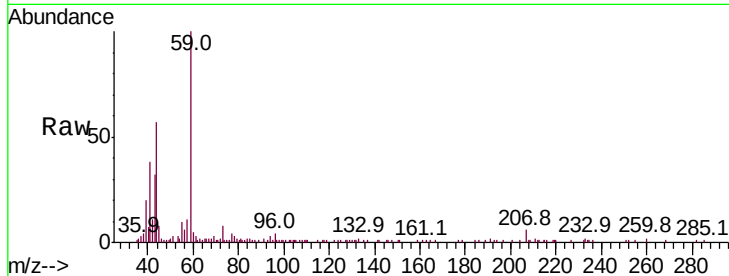




#11
Tert butyl alcohol
Concen: 261.066 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

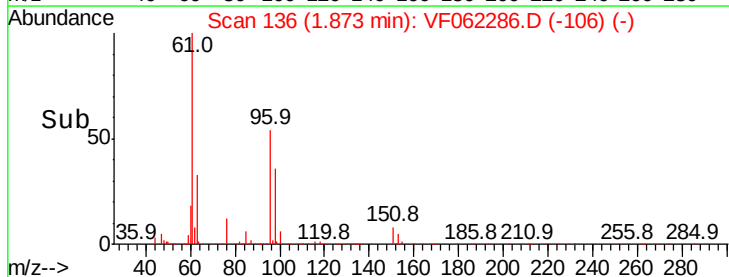
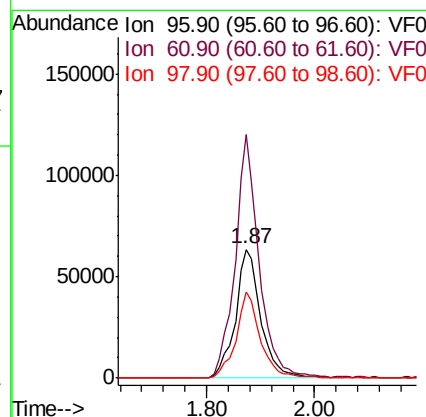
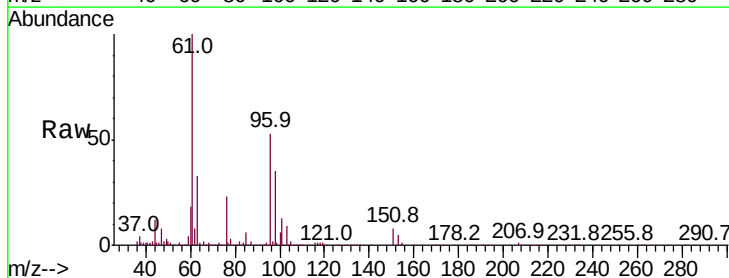
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

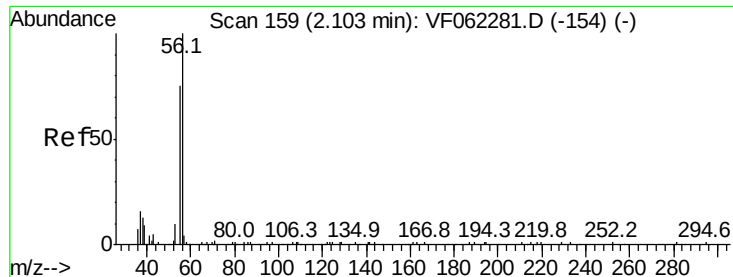
Tot Ion: 59 Resp: 59062
Ion Ratio Lower Upper
59 100
57 9.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 53.199 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 96 Resp: 207223
Ion Ratio Lower Upper
96 100
61 189.4 141.1 211.7
98 66.5 53.4 80.0

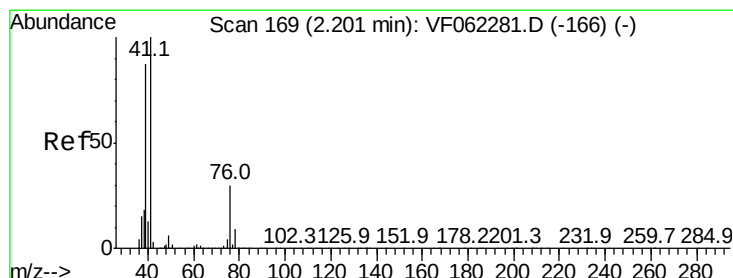
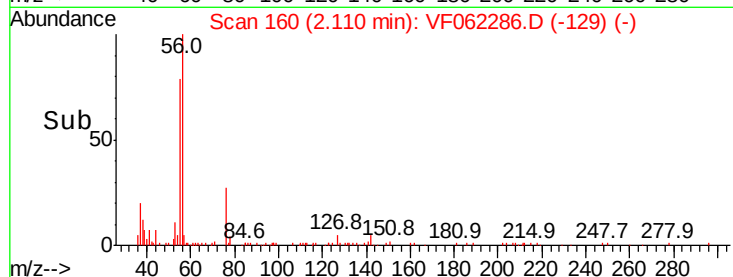
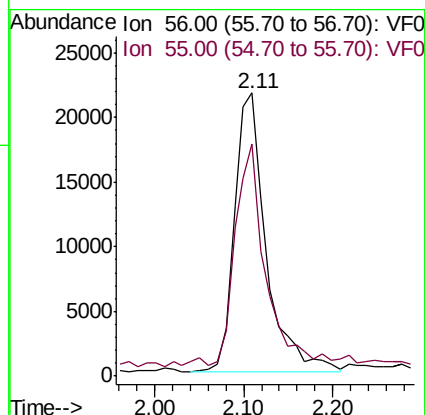
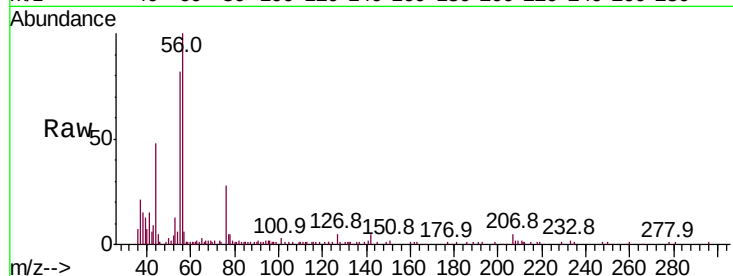




#13
Acrolein
Concen: 252.000 ug/l
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

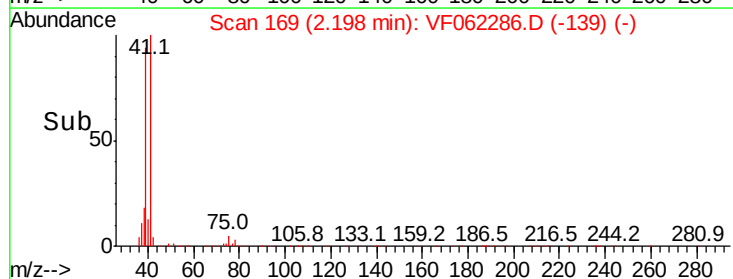
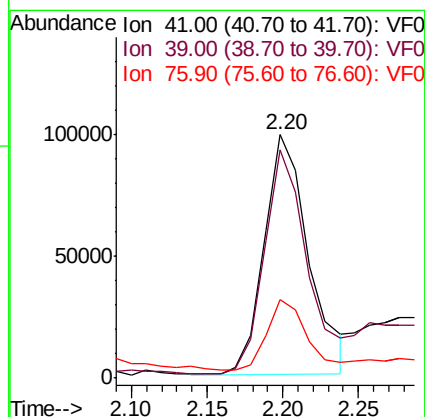
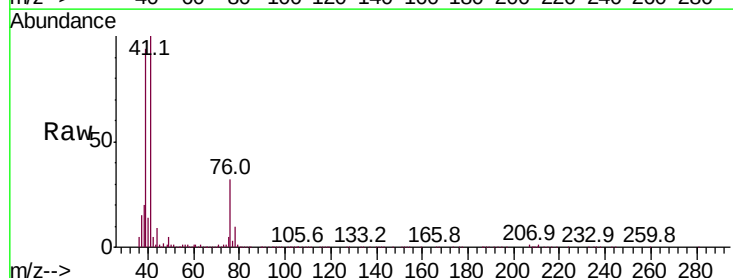
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

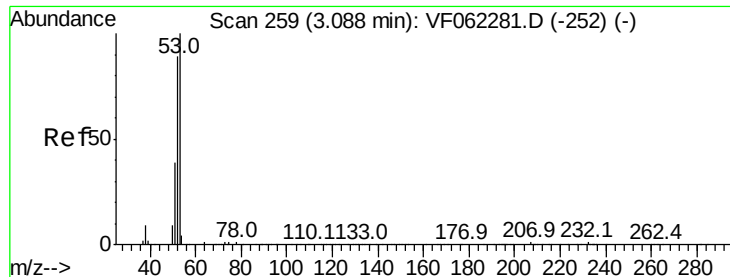
Tot Ion: 56 Resp: 53465
Ion Ratio Lower Upper
56 100
55 78.5 62.3 93.5



#14
Allyl chloride
Concen: 47.794 ug/l
RT: 2.20 min Scan# 169
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 41 Resp: 202610
Ion Ratio Lower Upper
41 100
39 91.0 50.3 75.5#
76 26.2 14.8 22.2#

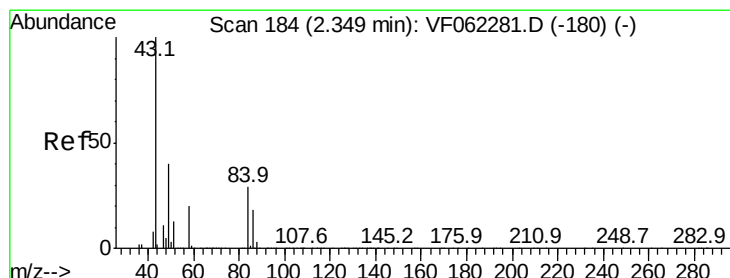
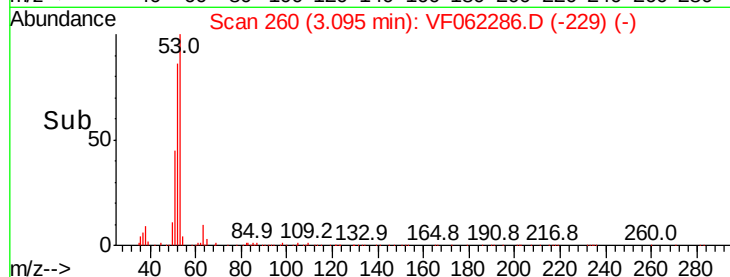
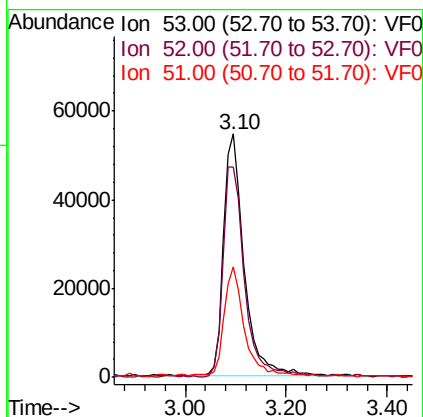
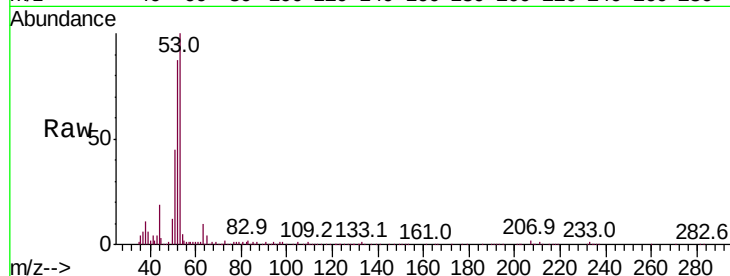




#15
 Acrylonitrile
 Concen: 245.976 ug/l
 RT: 3.10 min Scan# 260
 Delta R.T. 0.01 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

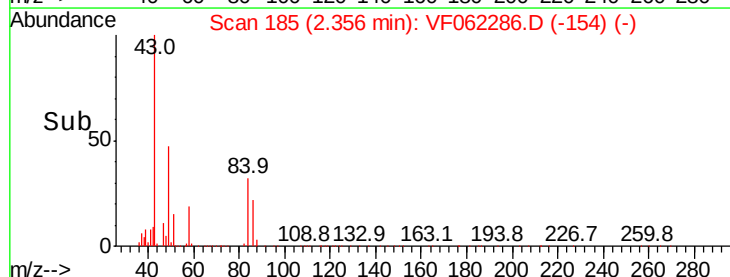
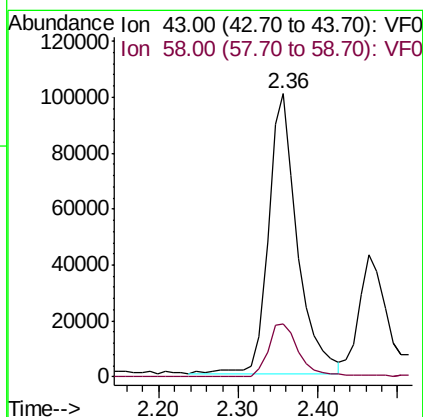
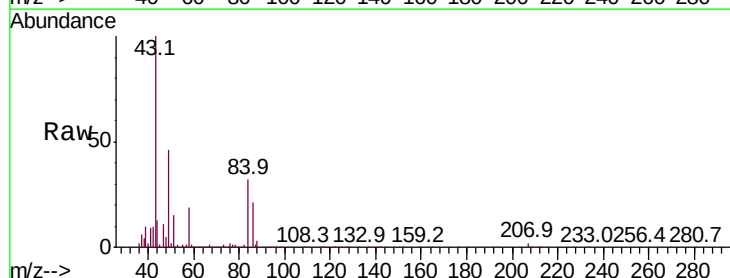
Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF042419

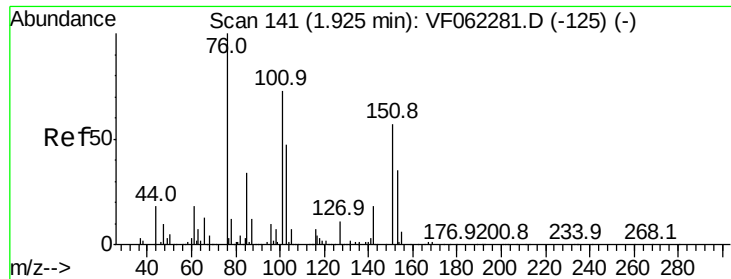
Tot Ion:	53	Resp:	154128
Ion	Ratio	Lower	Upper
53	100		
52	89.5	70.6	105.8
51	43.8	32.6	48.8



#16
 Acetone
 Concen: 299.674 ug/l
 RT: 2.36 min Scan# 185
 Delta R.T. 0.01 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Tgt Ion:	43	Resp:	250935
Ion	Ratio	Lower	Upper
43	100		
58	18.9	16.4	24.6





#17

Carbon Disulfide

Concen: 51.502 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

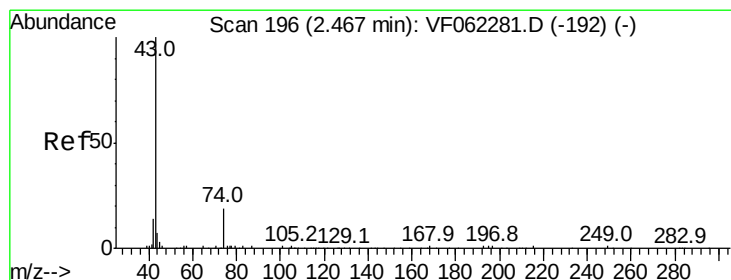
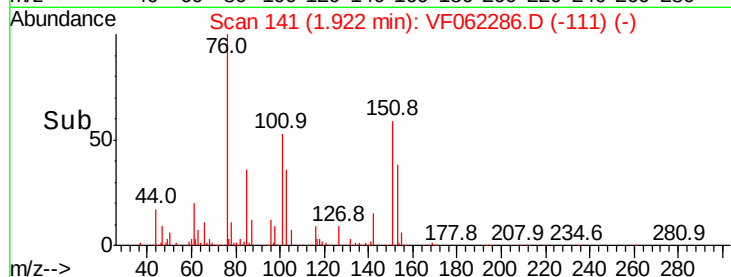
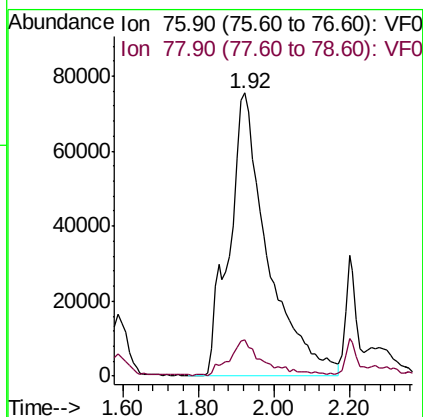
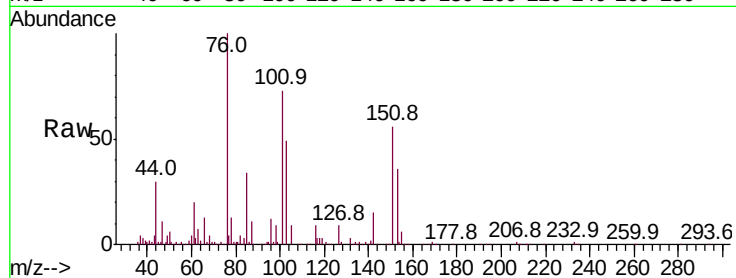
ICVVF042419

Tot Ion: 76 Resp: 527983

Ion Ratio Lower Upper

76 100

78 12.3 9.8 14.8



#18

Methyl Acetate

Concen: 56.432 ug/l

RT: 2.46 min Scan# 196

Delta R.T. -0.00 min

Lab File: VF062286.D

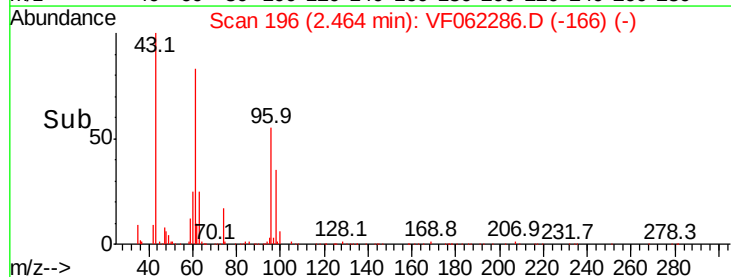
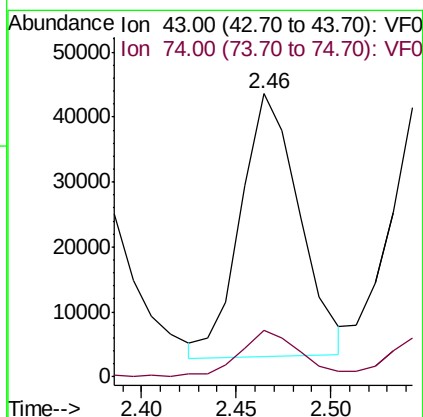
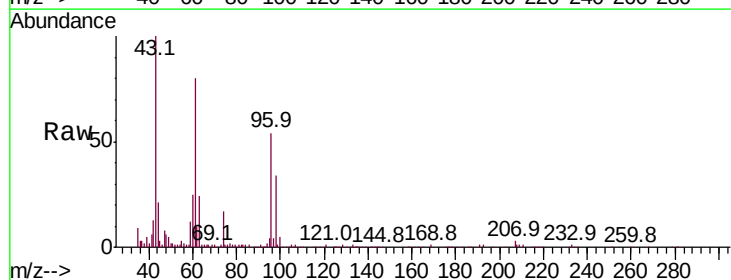
Acq: 24 Apr 2019 17:42

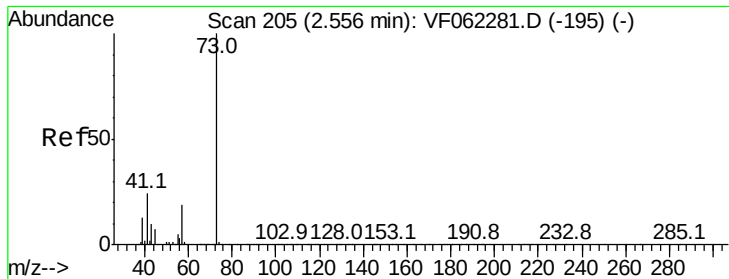
Tgt Ion: 43 Resp: 87269

Ion Ratio Lower Upper

43 100

74 17.6 14.4 21.6



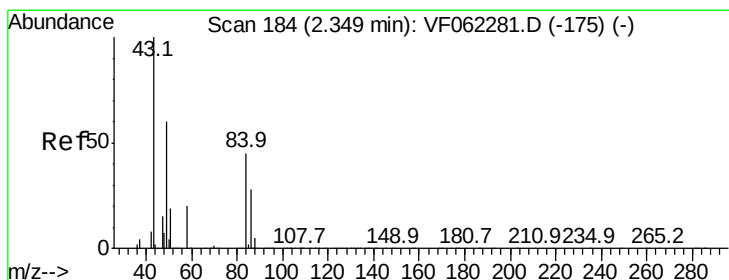
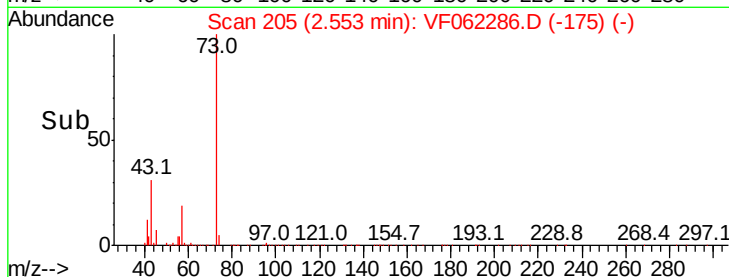
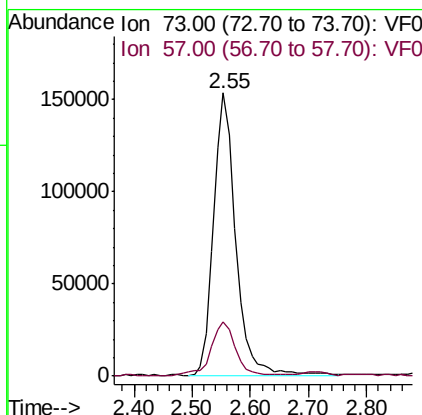
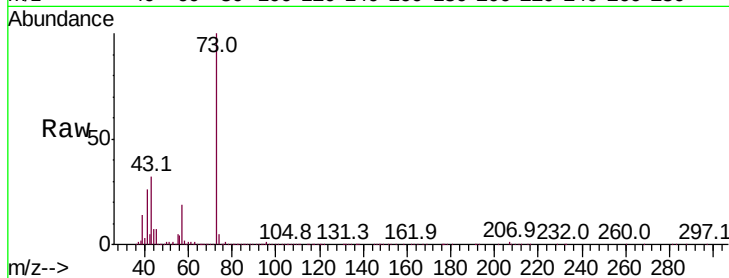


#19

Methyl tert-butyl Ether
 Concen: 54.241 ug/l
 RT: 2.55 min Scan# 205
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF042419

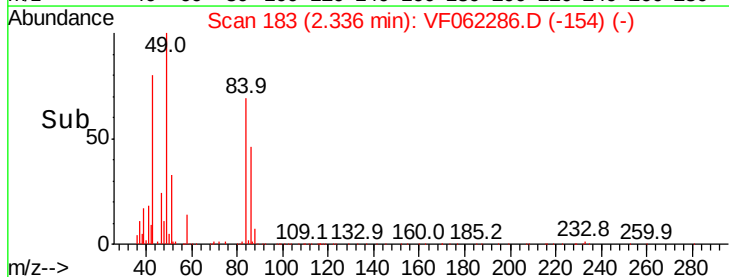
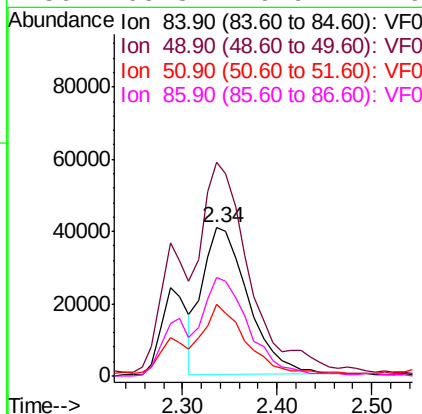
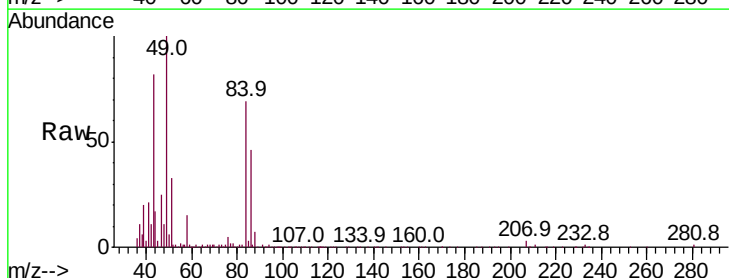
Tot Ion: 73 Resp: 402797
 Ion Ratio Lower Upper
 73 100
 57 19.1 15.5 23.3

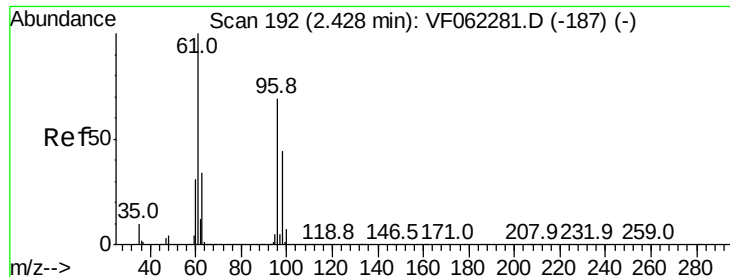


#20

Methylene Chloride
 Concen: 37.065 ug/l
 RT: 2.34 min Scan# 183
 Delta R.T. -0.01 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Tgt Ion: 84 Resp: 137395
 Ion Ratio Lower Upper
 84 100
 49 141.3 112.1 168.1
 51 46.7 35.9 53.9
 86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.721 ug/l

RT: 2.42 min Scan# 192

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

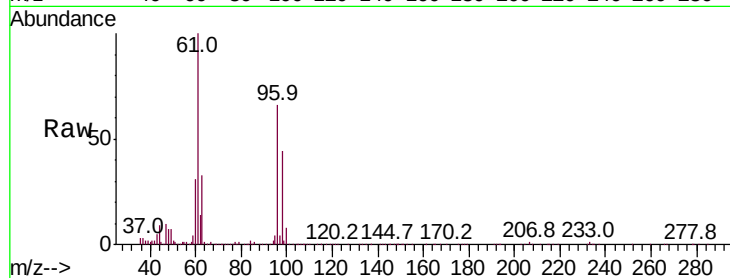
Tot Ion: 96 Resp: 195249

Ion Ratio Lower Upper

96 100

61 152.7 116.2 174.2

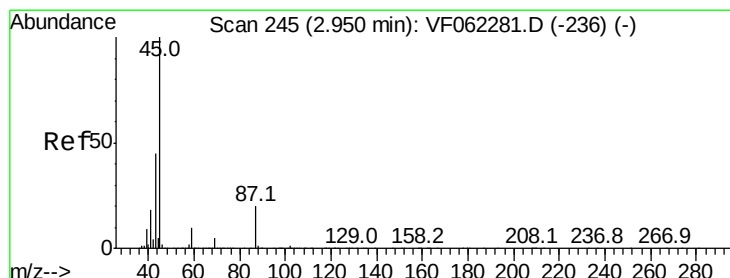
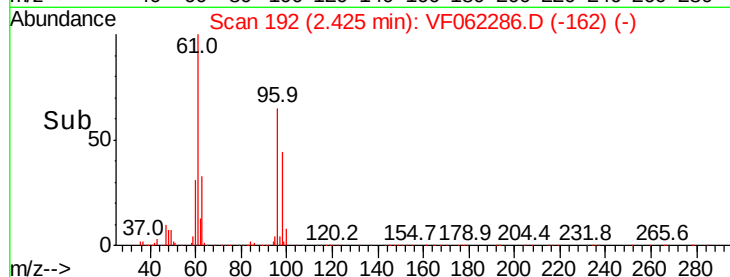
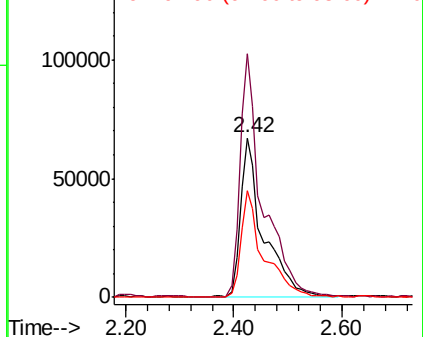
98 66.6 51.4 77.0



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: 52.464 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Tgt Ion: 45 Resp: 598732

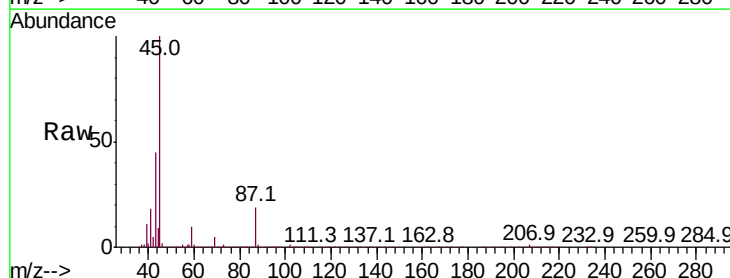
Ion Ratio Lower Upper

45 100

43 44.4 36.2 54.2

87 18.8 15.8 23.6

59 9.7 7.8 11.8

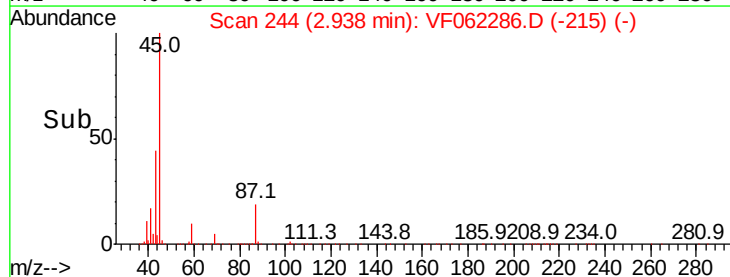
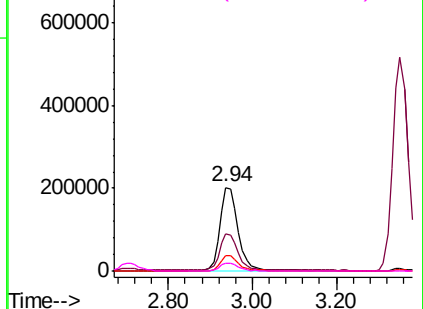


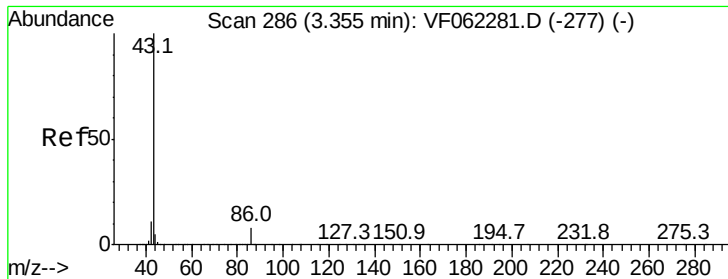
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 273.613 ug/l

RT: 3.35 min Scan# 286

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

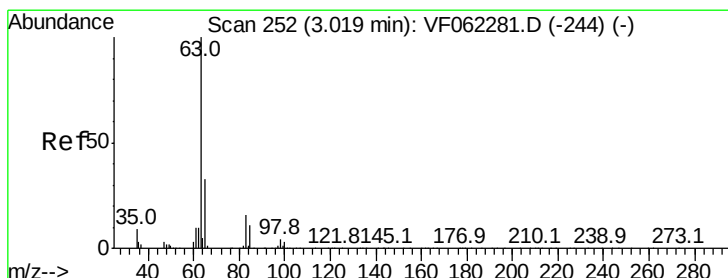
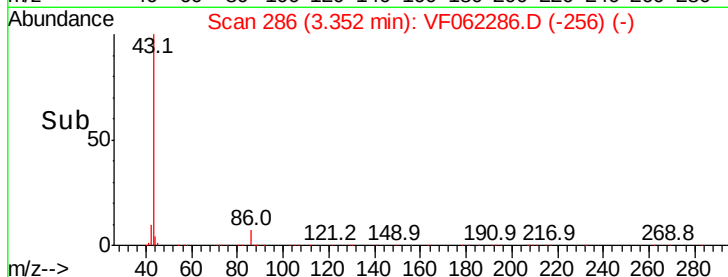
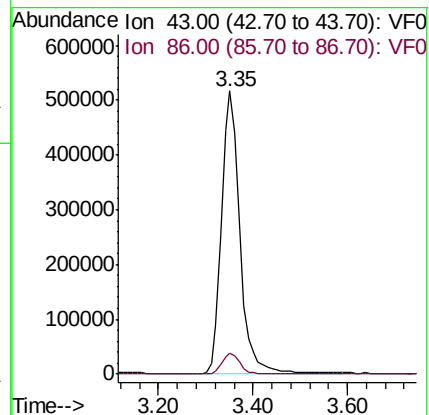
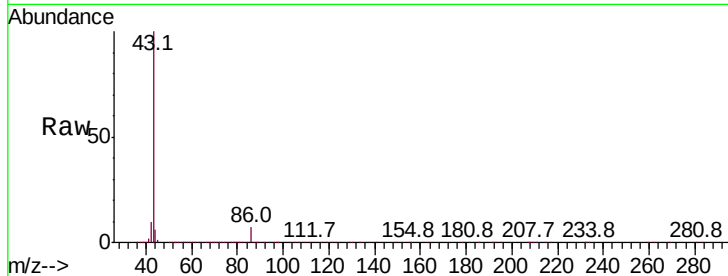
ICVVF042419

Tot Ion: 43 Resp: 1384672

Ion Ratio Lower Upper

43 100

86 7.4 6.0 9.0



#24

1,1-Dichloroethane

Concen: 51.876 ug/l

RT: 3.02 min Scan# 252

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

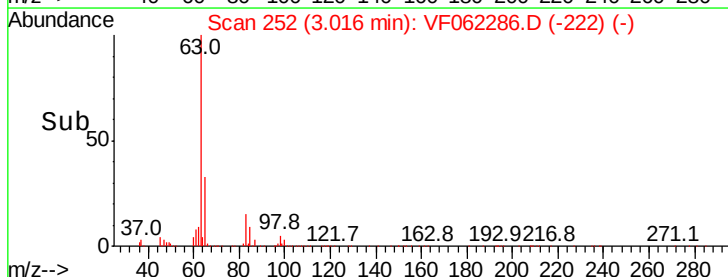
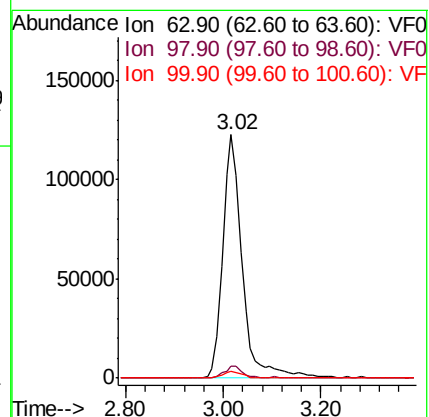
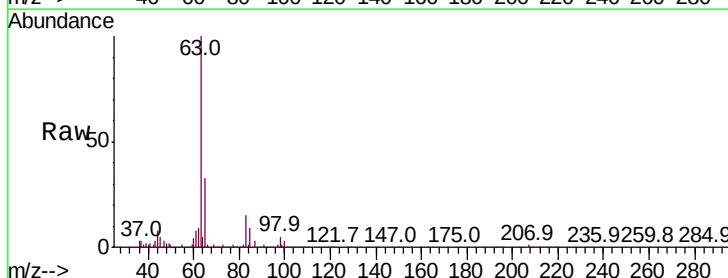
Tgt Ion: 63 Resp: 337904

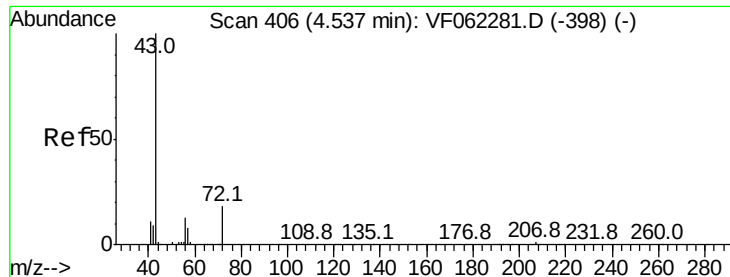
Ion Ratio Lower Upper

63 100

98 4.7 2.1 6.2

100 2.9 1.5 4.5

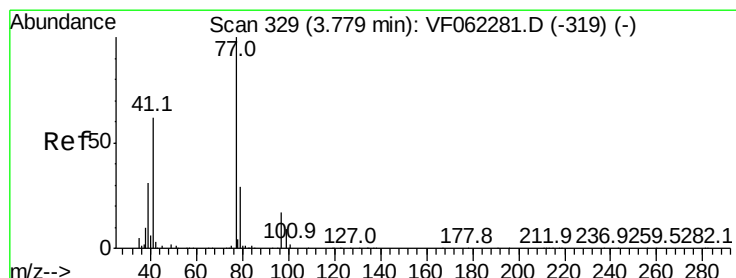
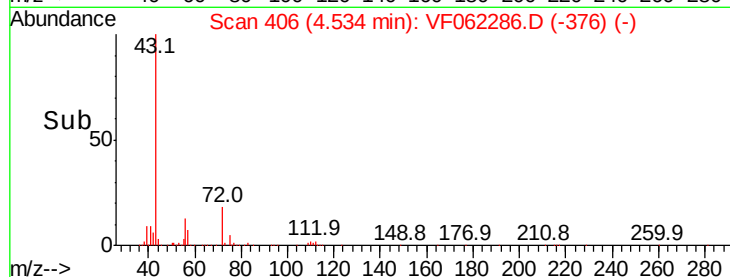
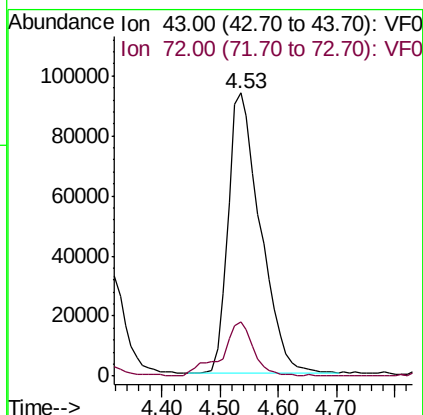
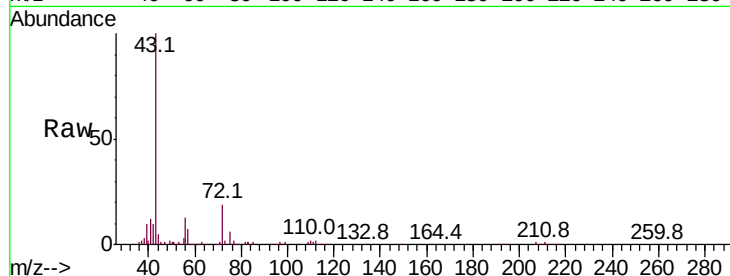




#25
2-Butanone
Concen: 272.202 ug/l
RT: 4.53 min Scan# 406
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

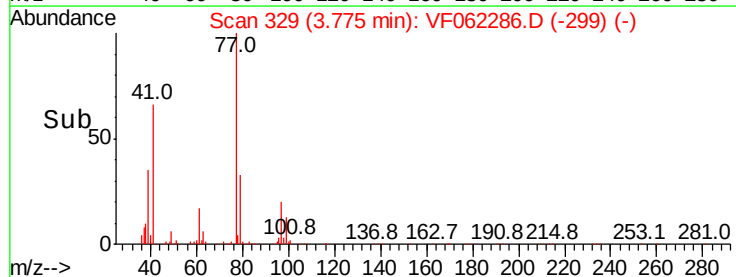
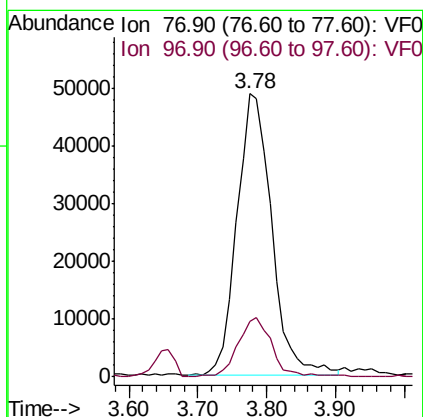
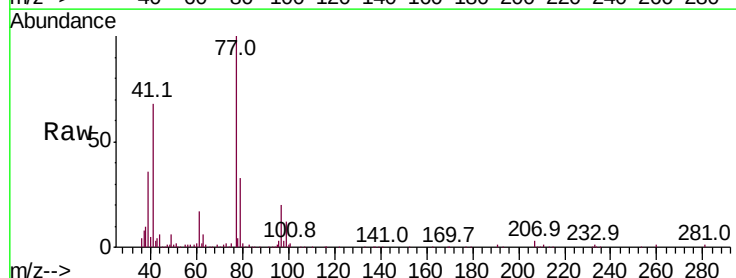
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

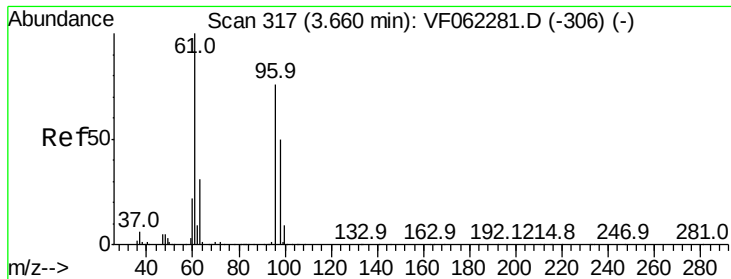
Tot Ion: 43 Resp: 361411
Ion Ratio Lower Upper
43 100
72 19.2 15.8 23.6



#26
2,2-Dichloropropane
Concen: 50.691 ug/l
RT: 3.78 min Scan# 329
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 77 Resp: 171467
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.8



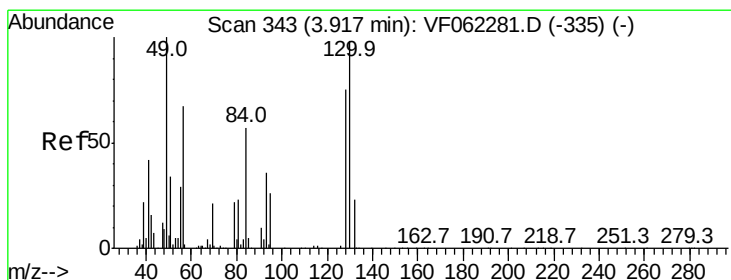
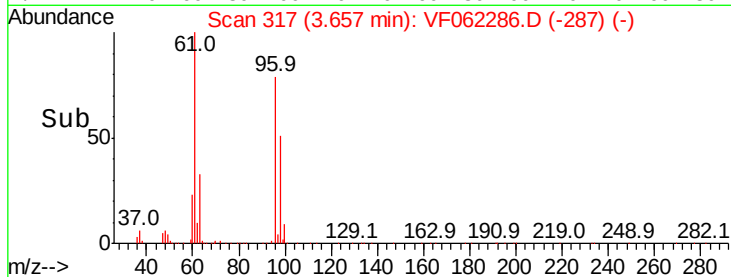
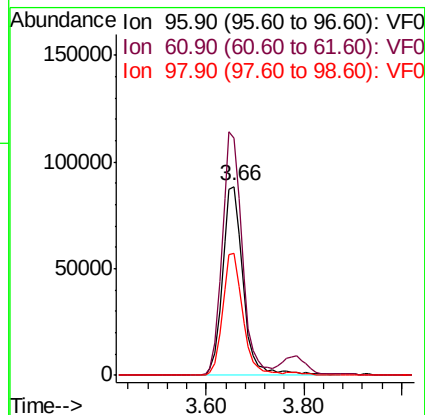
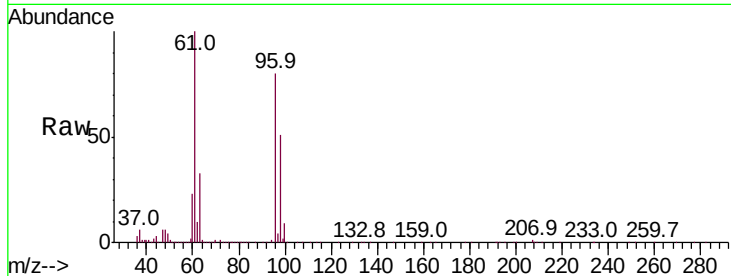


#27

cis-1,2-Dichloroethene
 Concen: 53.327 ug/l
 RT: 3.66 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF042419

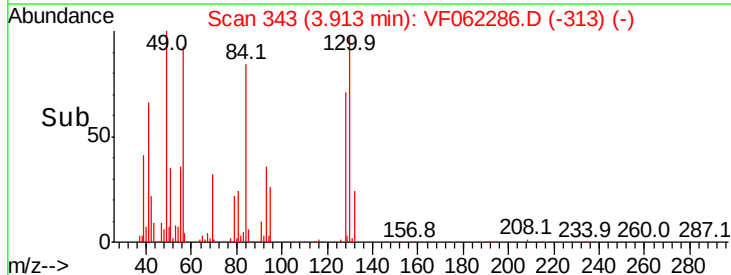
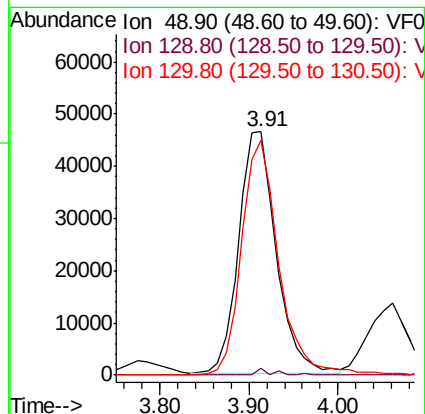
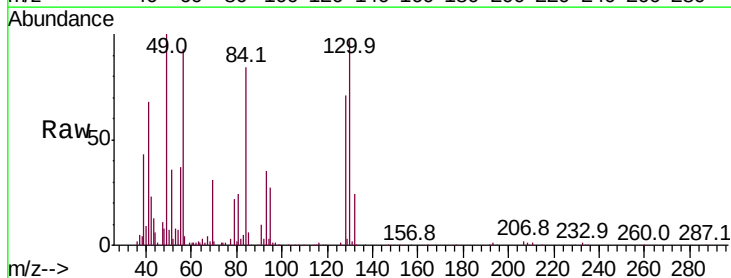
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	257.6
98	63.0	0.0	137.4

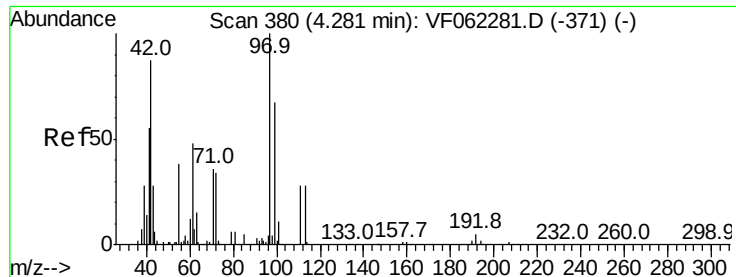


#28

Bromochloromethane
 Concen: 49.346 ug/l
 RT: 3.91 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	0.0#
130	96.4	77.0	115.4





#29

Tetrahydrofuran

Concen: 253.584 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

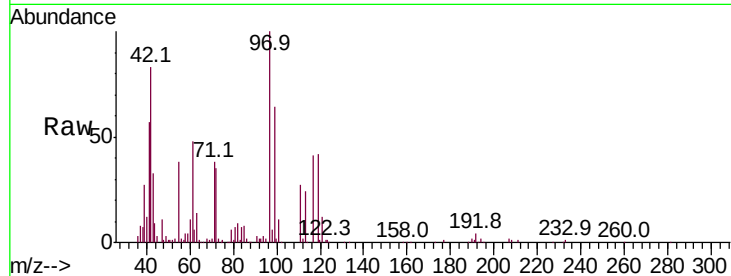
Tot Ion: 42 Resp: 147941

Ion Ratio Lower Upper

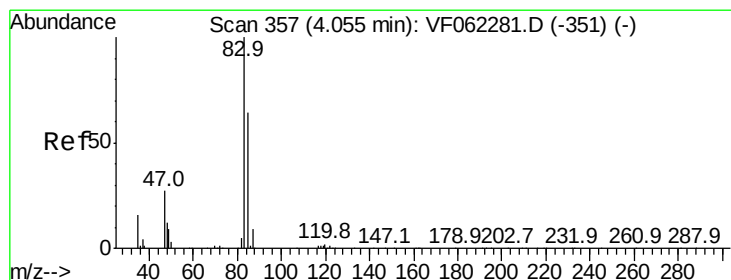
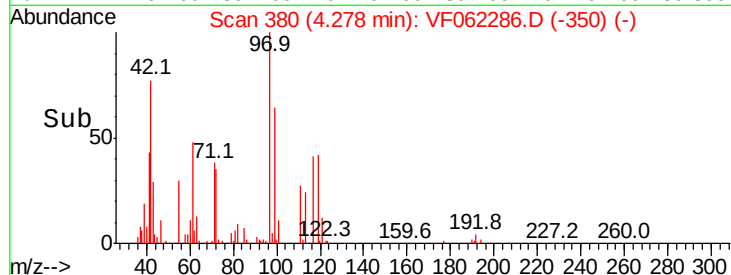
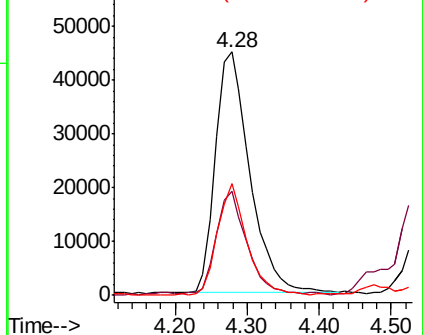
42 100

72 38.6 29.3 43.9

71 40.0 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 54.618 ug/l

RT: 4.06 min Scan# 358

Delta R.T. 0.01 min

Lab File: VF062286.D

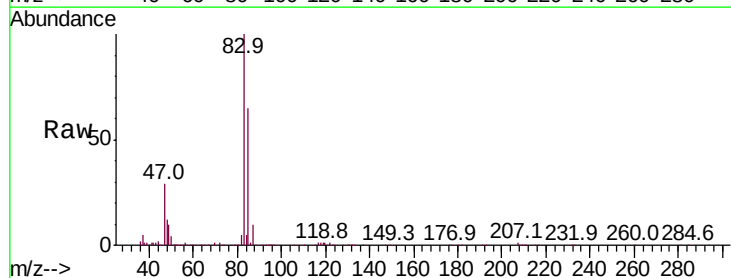
Acq: 24 Apr 2019 17:42

Tgt Ion: 83 Resp: 446729

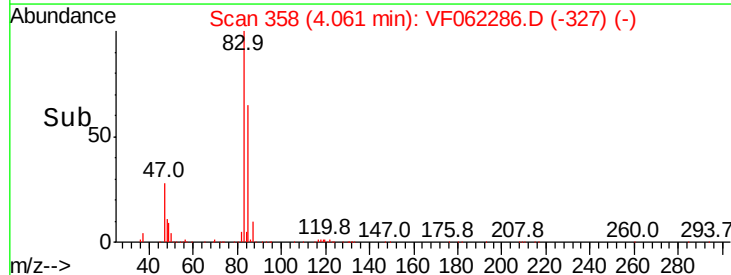
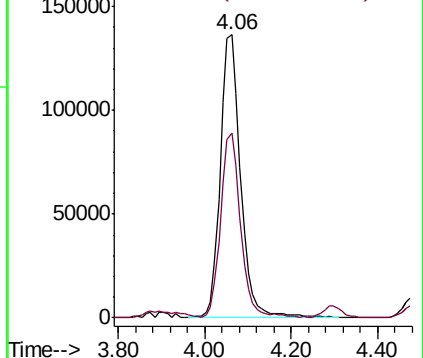
Ion Ratio Lower Upper

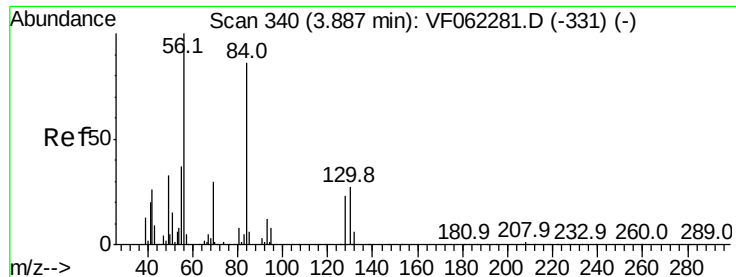
83 100

85 64.3 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0





#31

Cyclohexane

Concen: 53.288 ug/l

RT: 3.88 min Scan# 340

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

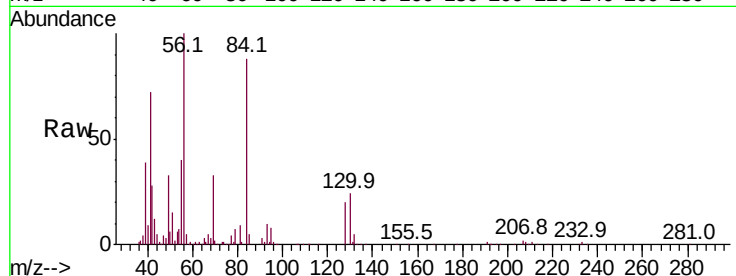
Tot Ion: 56 Resp: 330276

Ion Ratio Lower Upper

56 100

69 32.3 24.3 36.5

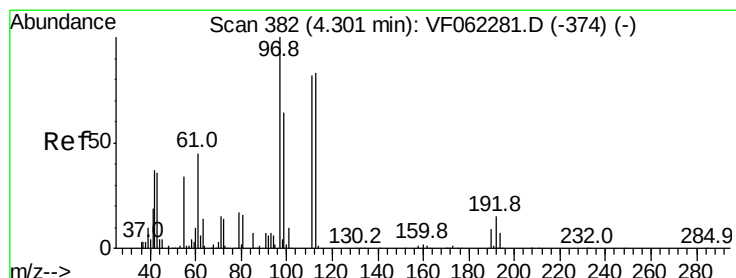
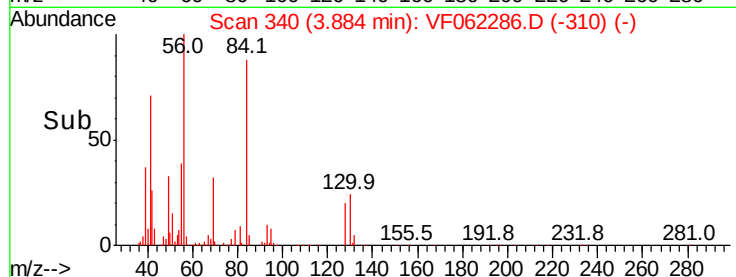
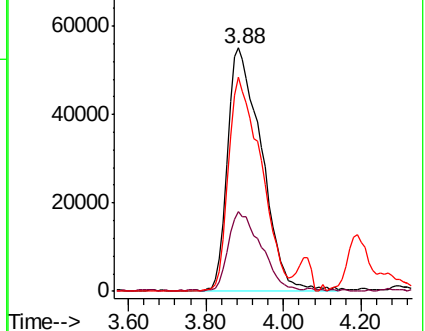
84 88.4 68.5 102.7



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 41.903 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

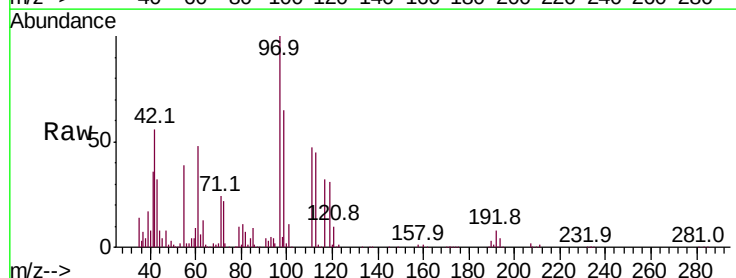
Tgt Ion: 97 Resp: 269088

Ion Ratio Lower Upper

97 100

99 80.8 41.6 62.4#

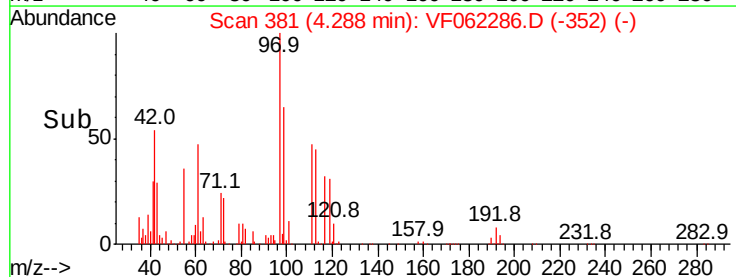
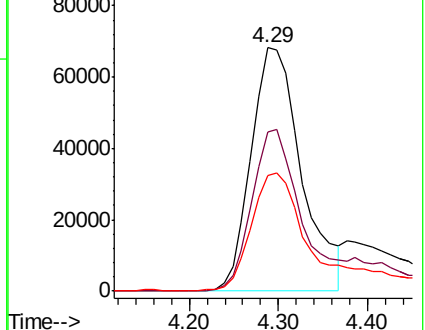
61 63.3 31.6 47.4#

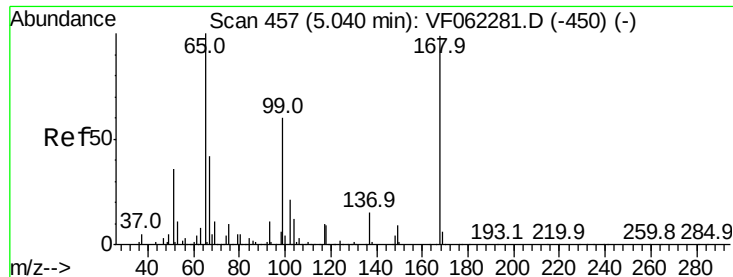


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0





#33

1,2-Dichloroethane-d4

Concen: 52.105 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

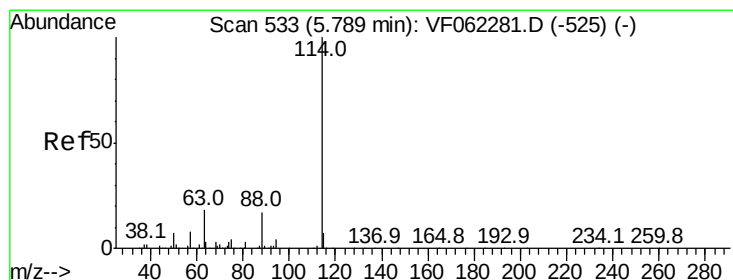
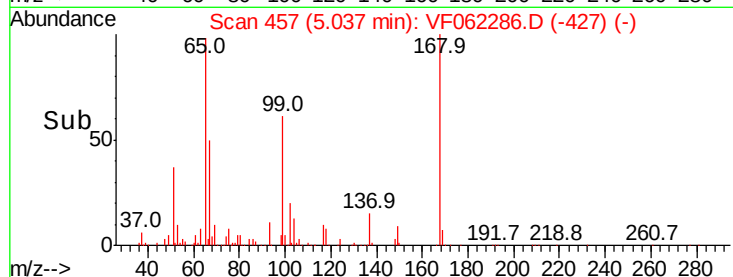
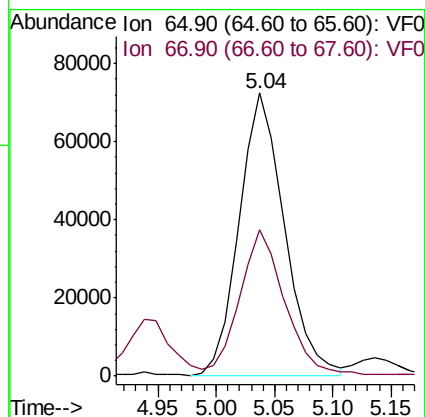
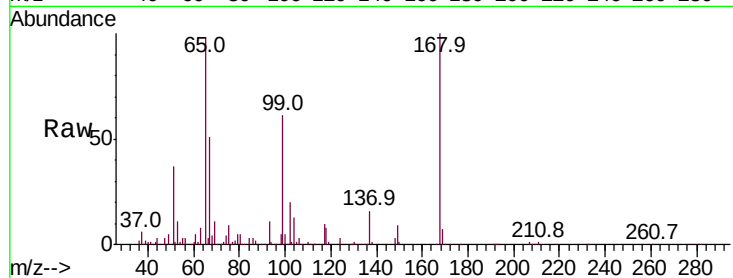
ICVVF042419

Tot Ion: 65 Resp: 194868

Ion Ratio Lower Upper

65 100

67 50.4 0.0 98.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

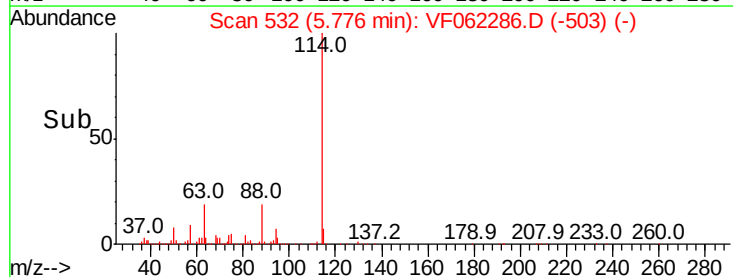
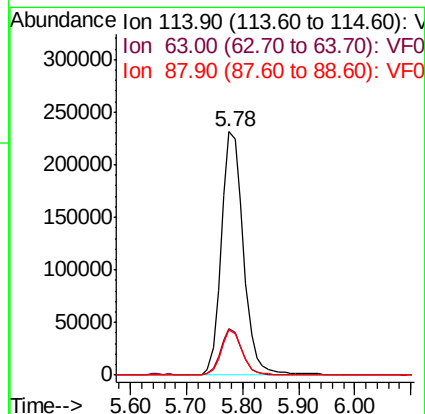
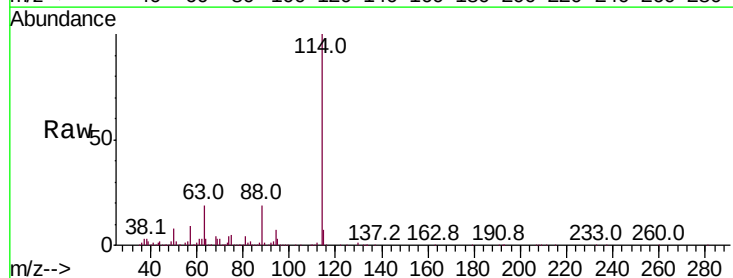
Tgt Ion:114 Resp: 638943

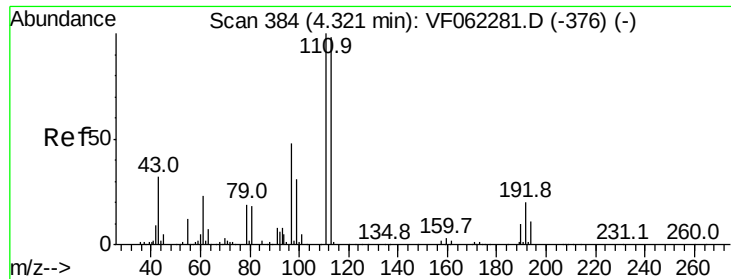
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

88 18.5 0.0 34.6





#35

Dibromofluoromethane

Concen: 49.810 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

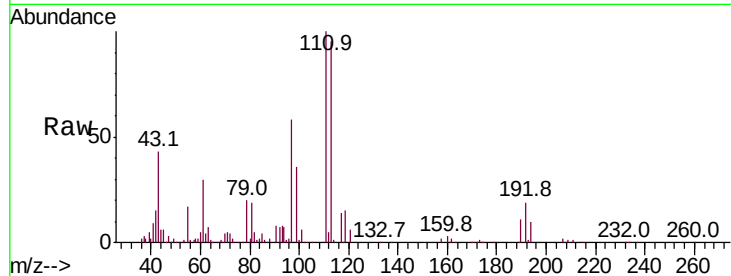
Tot Ion:113 Resp: 235973

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

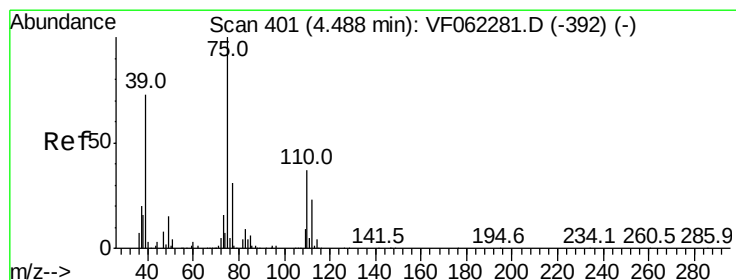
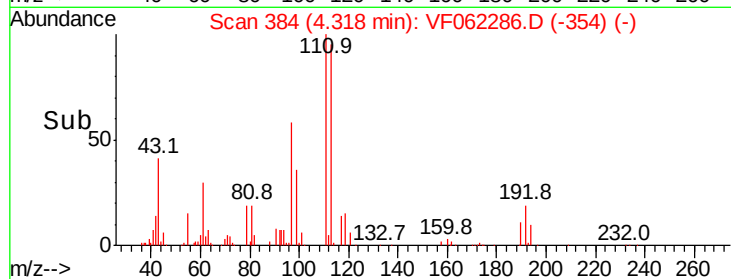
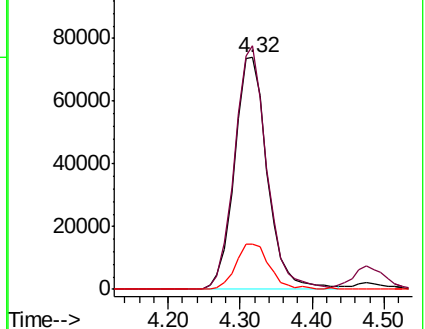
192 20.6 17.0 25.4



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: 52.675 ug/l

RT: 4.48 min Scan# 400

Delta R.T. -0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

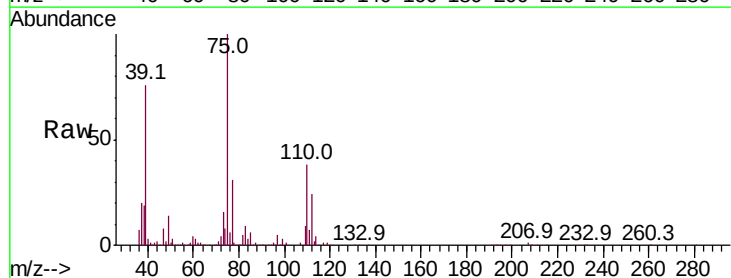
Tgt Ion: 75 Resp: 310507

Ion Ratio Lower Upper

75 100

110 38.1 17.9 53.8

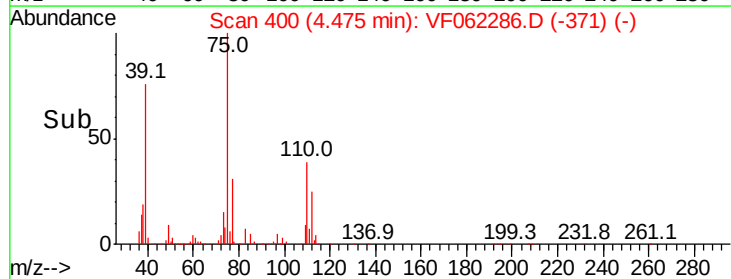
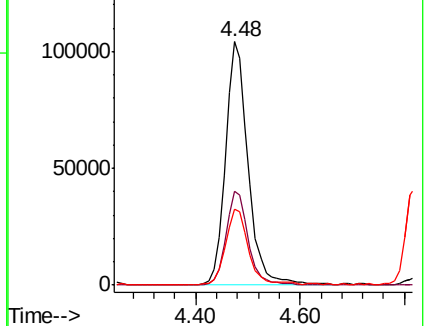
77 31.3 24.6 36.8

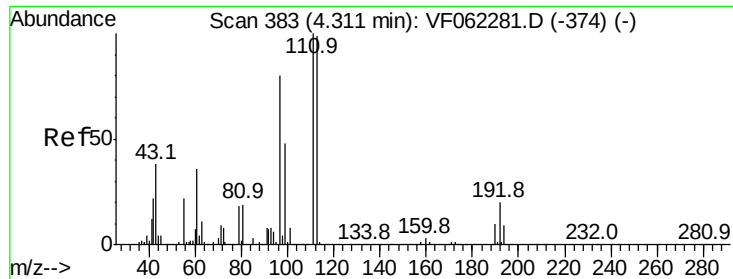


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0

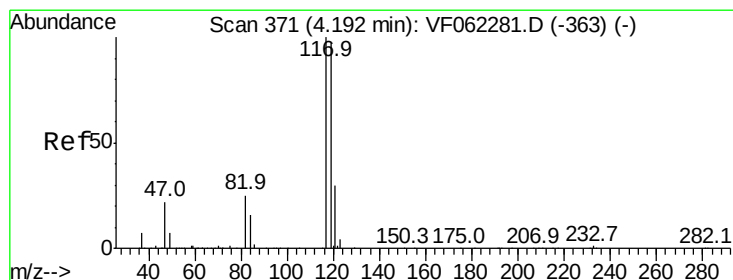
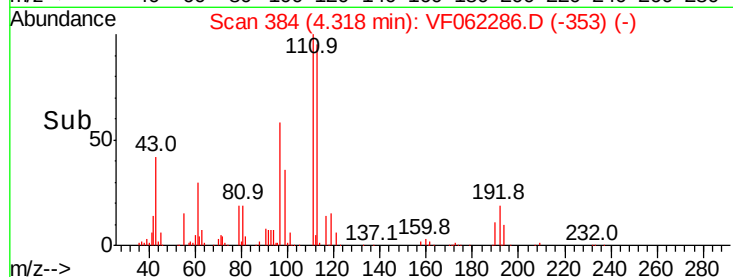
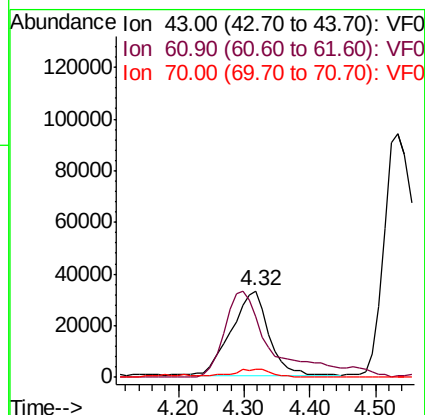
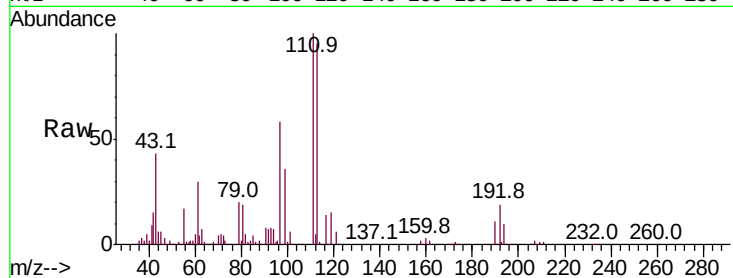




#37
Ethyl Acetate
Concen: 52.112 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

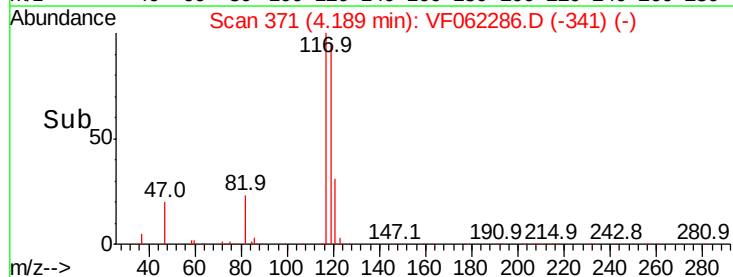
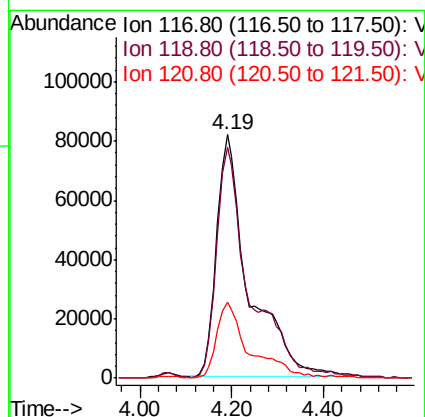
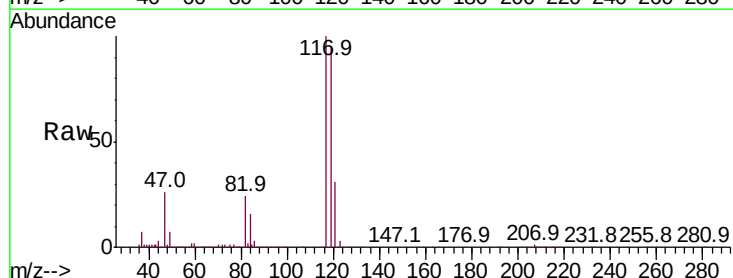
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

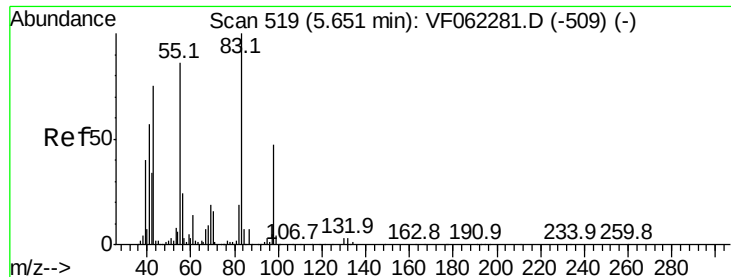
Tot Ion: 43 Resp: 129234
Ion Ratio Lower Upper
43 100
61 131.9 85.8 128.6#
70 8.9 7.3 10.9



#38
Carbon Tetrachloride
Concen: 66.737 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 117 Resp: 399933
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 31.0 24.3 36.5

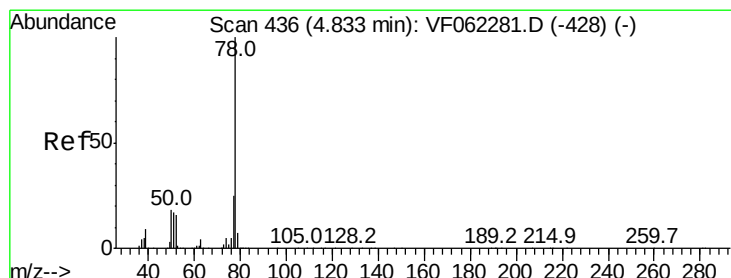
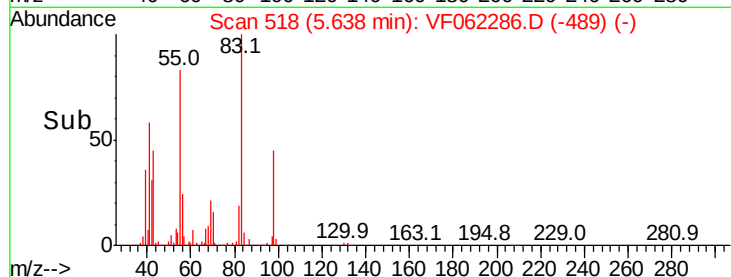
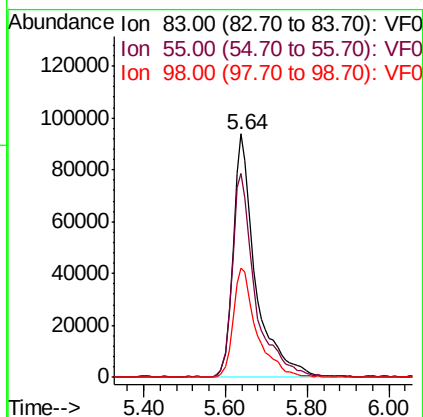
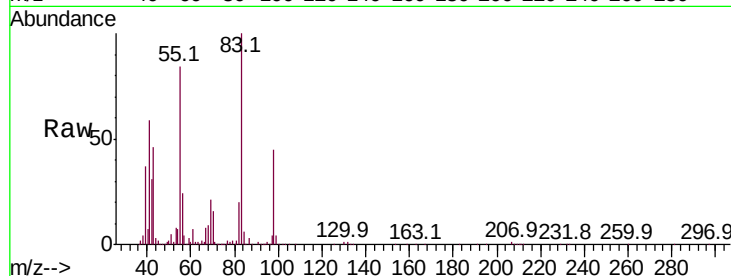




#39
Methylvlcyclohexane
Concen: 51.492 ug/l
RT: 5.64 min Scan# 518
Delta R.T. -0.01 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

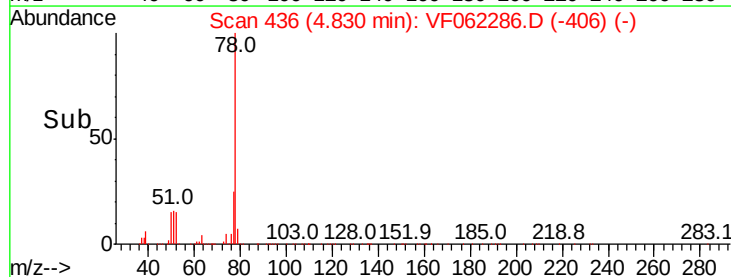
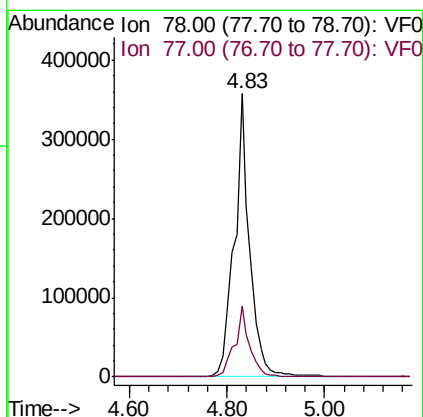
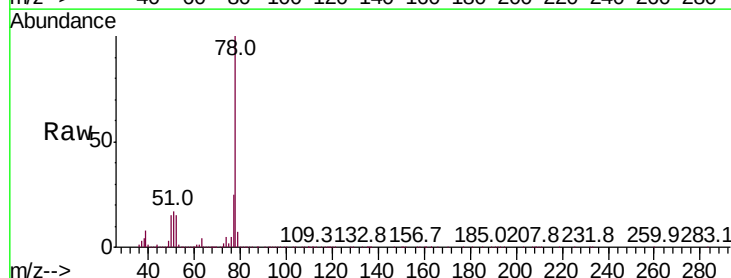
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

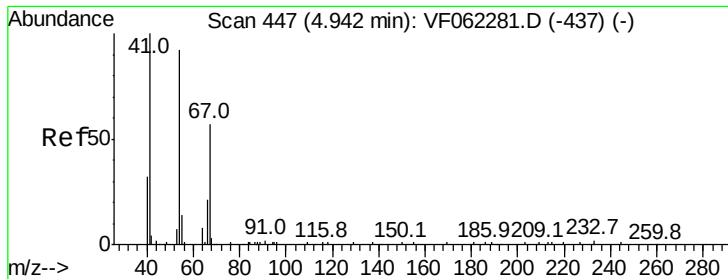
Tot Ion: 83 Resp: 354332
Ion Ratio Lower Upper
83 100
55 83.0 68.7 103.1
98 45.0 37.4 56.2



#40
Benzene
Concen: 54.817 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 78 Resp: 780704
Ion Ratio Lower Upper
78 100
77 25.2 19.7 29.5

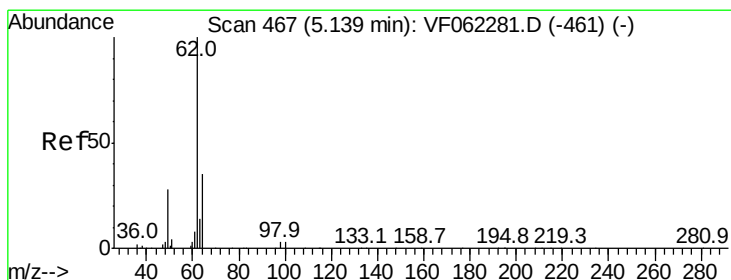
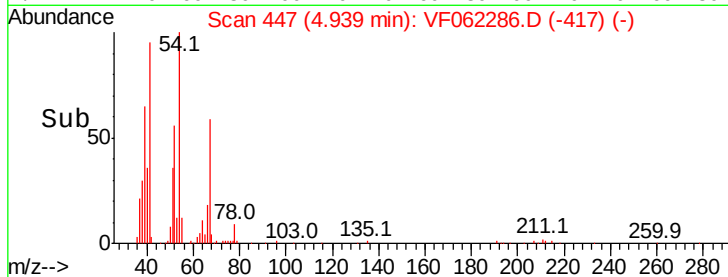
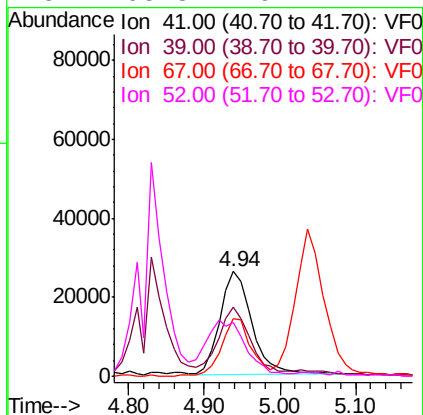
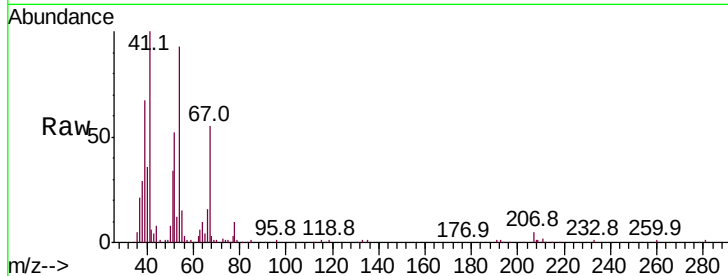




#41
Methacrylonitrile
Concen: 55.636 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

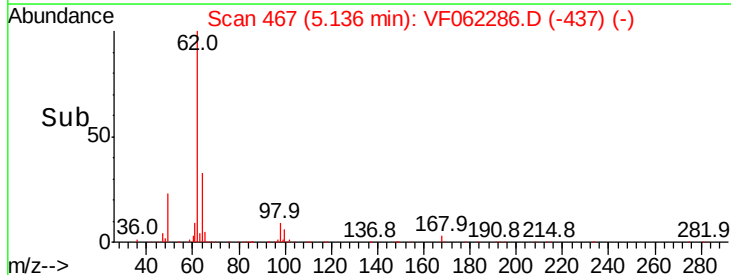
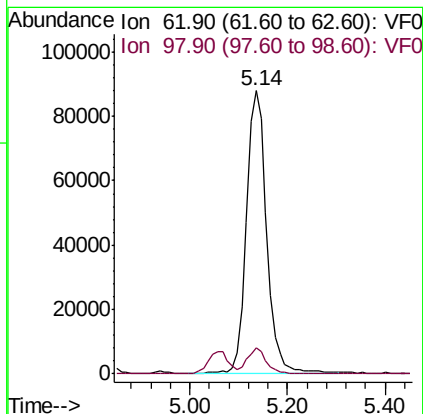
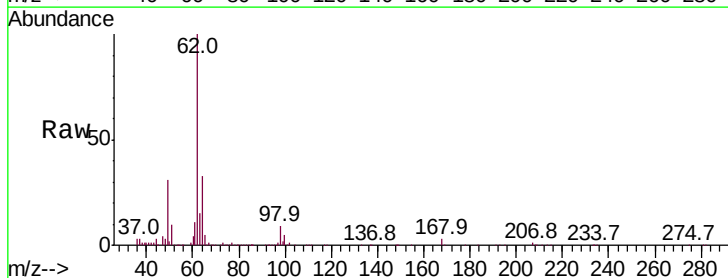
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

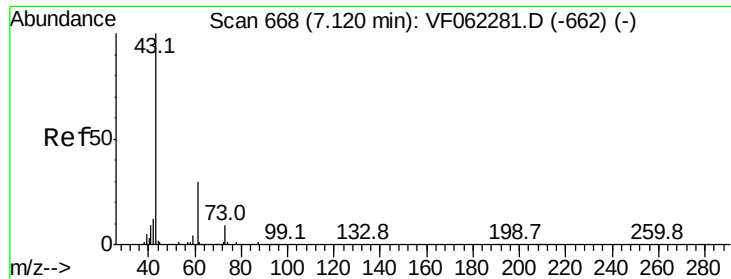
Tot Ion:	41	Resp:	76651
Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.3	70.9
67	50.5	41.3	61.9
52	63.8	49.4	74.2



#42
1,2-Dichloroethane
Concen: 56.604 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion:	62	Resp:	255393
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.830 ug/l

RT: 7.12 min Scan# 668

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

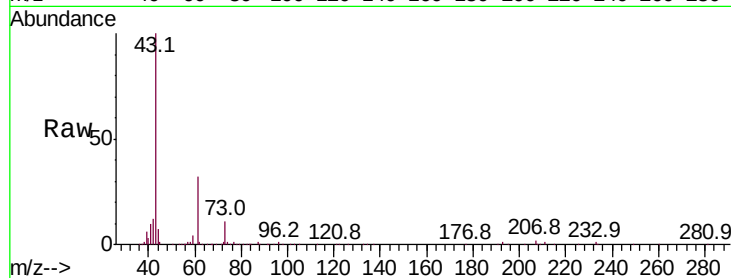
Tot Ion: 43 Resp: 131694

Ion Ratio Lower Upper

43 100

61 30.4 23.8 35.6

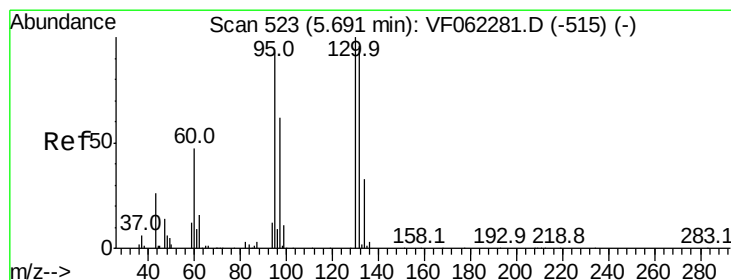
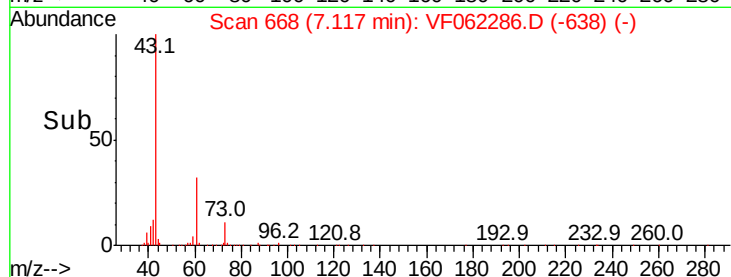
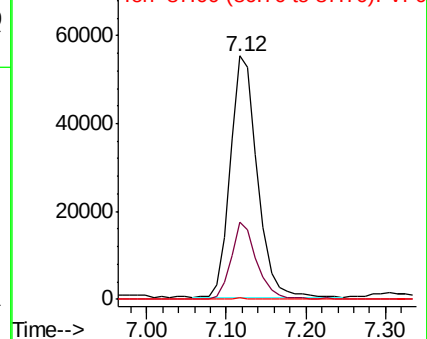
87 0.3 0.5 0.7#



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: 50.242 ug/l

RT: 5.69 min Scan# 523

Delta R.T. -0.00 min

Lab File: VF062286.D

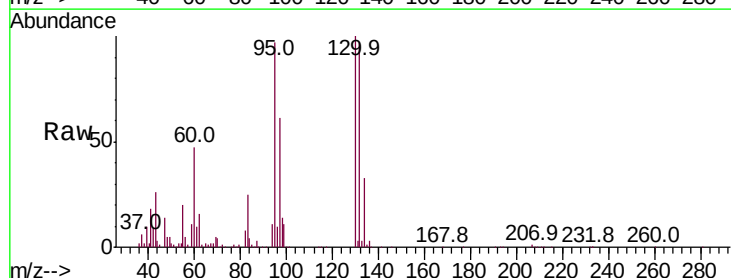
Acq: 24 Apr 2019 17:42

Tgt Ion:130 Resp: 242095

Ion Ratio Lower Upper

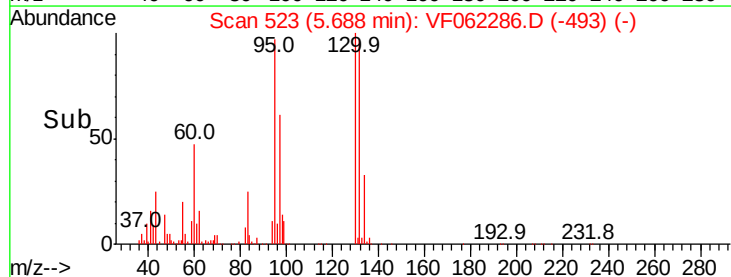
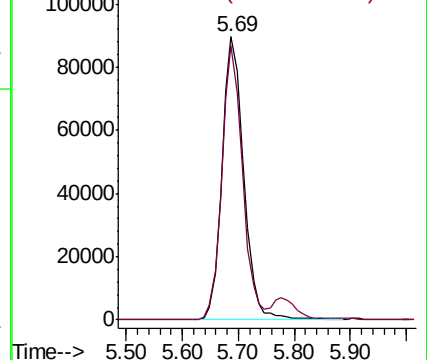
130 100

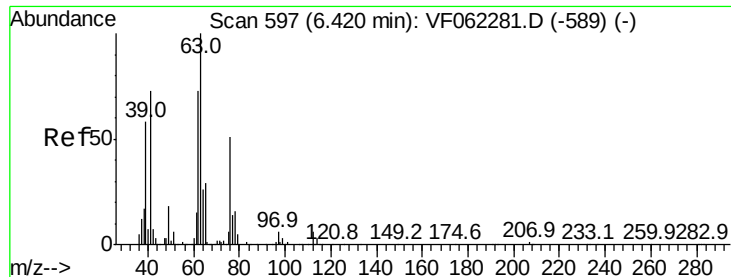
95 96.8 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 53.825 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

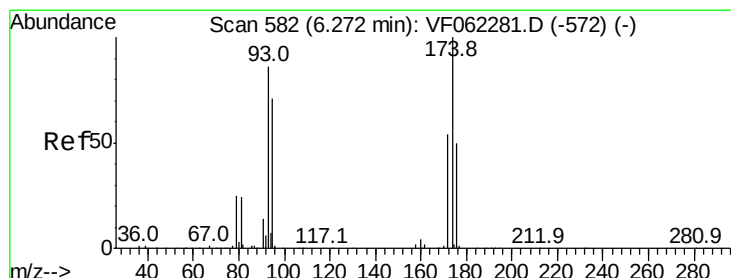
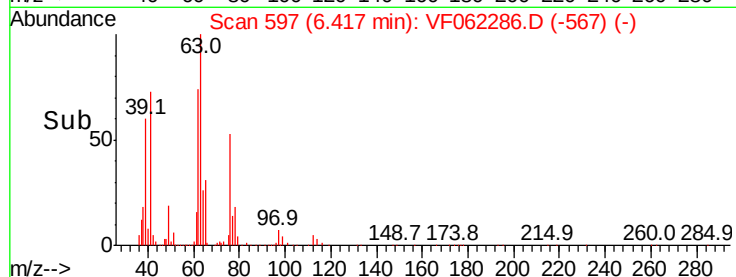
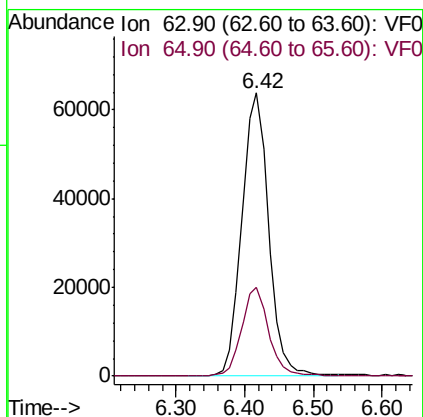
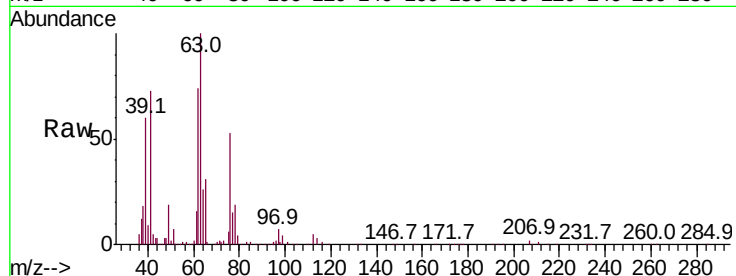
ICVVF042419

Tot Ion: 63 Resp: 172837

Ion Ratio Lower Upper

63 100

65 31.4 23.5 35.3



#46

Dibromomethane

Concen: 54.295 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

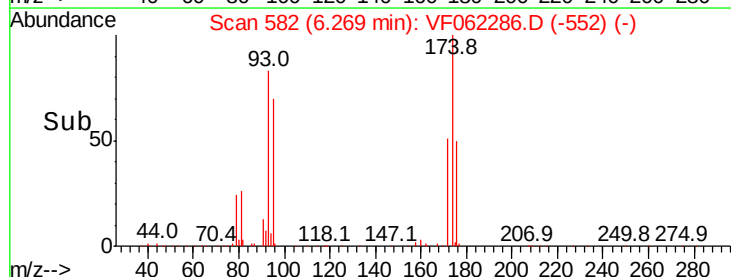
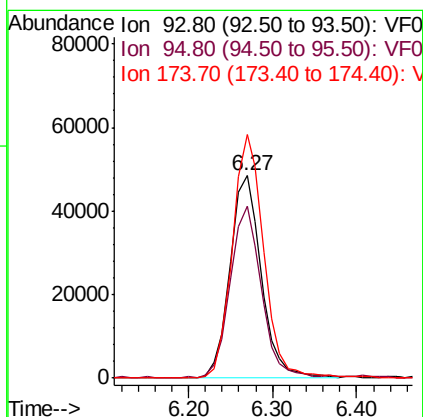
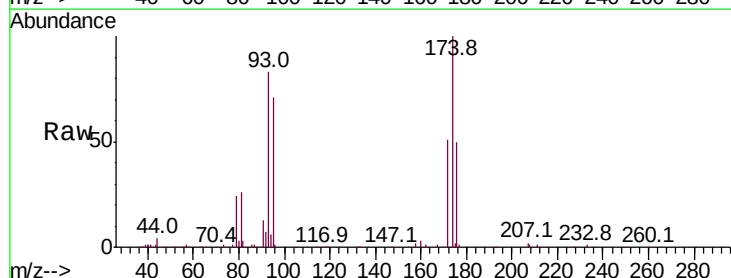
Tgt Ion: 93 Resp: 125893

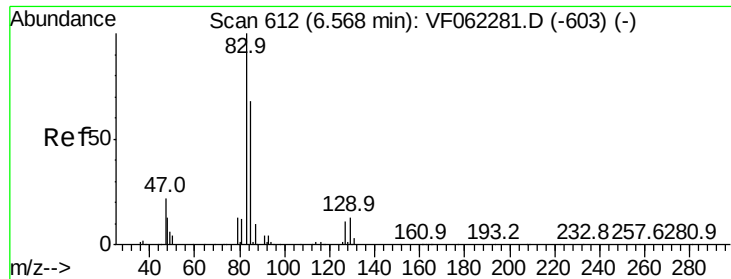
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 121.1 94.9 142.3





#47

Bromodichloromethane

Concen: 54.609 ug/l

RT: 6.56 min Scan# 611

Delta R.T. -0.01 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

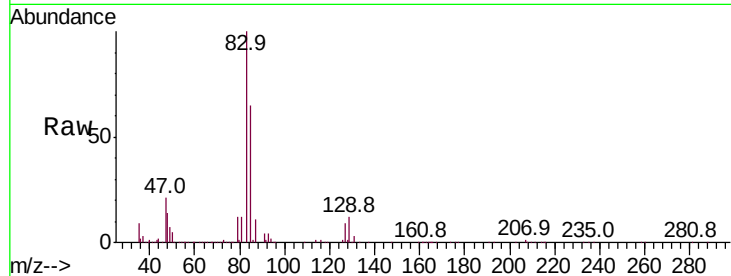
Tot Ion: 83 Resp: 297668

Ion Ratio Lower Upper

83 100

85 65.0 54.6 81.8

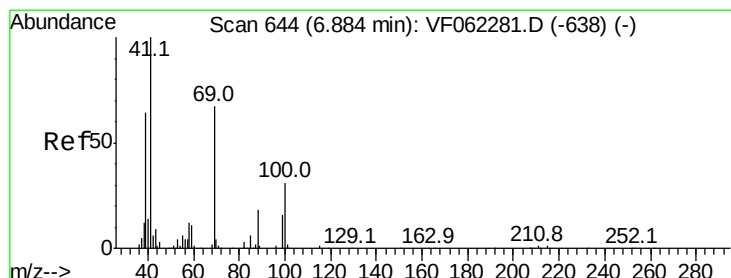
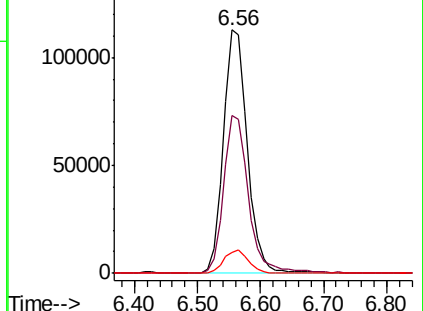
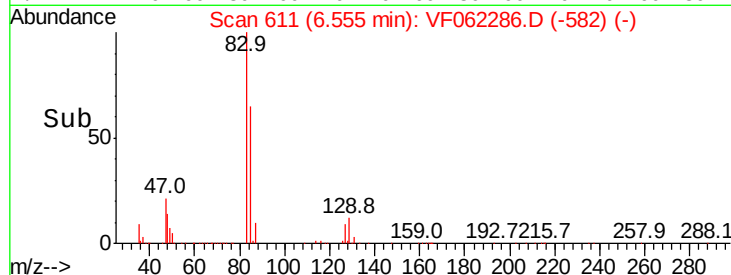
127 8.8 8.7 13.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.208 ug/l

RT: 6.88 min Scan# 644

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

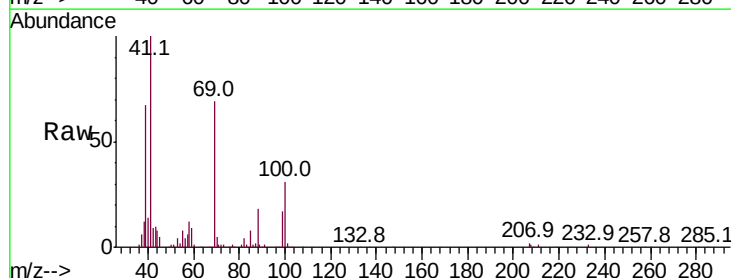
Tgt Ion: 41 Resp: 94857

Ion Ratio Lower Upper

41 100

69 68.5 53.4 80.2

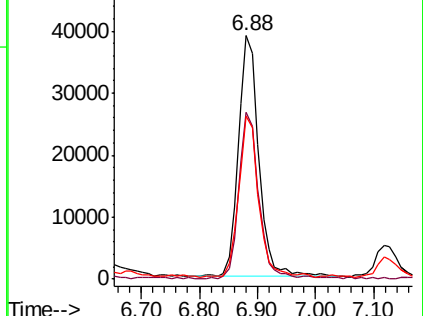
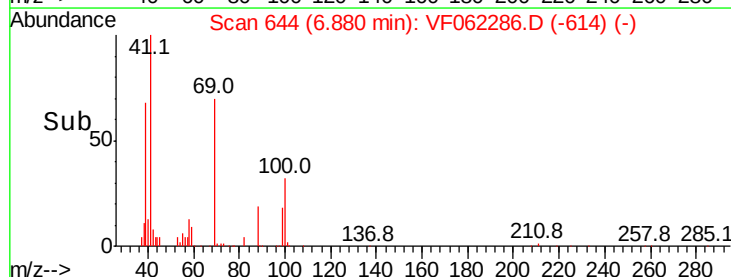
39 64.2 50.9 76.3

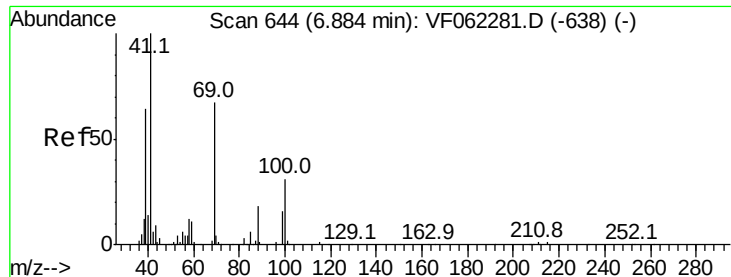


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

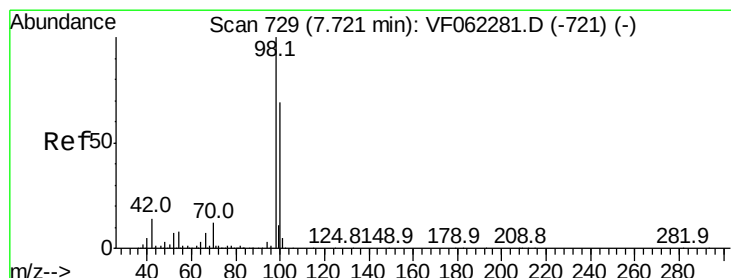
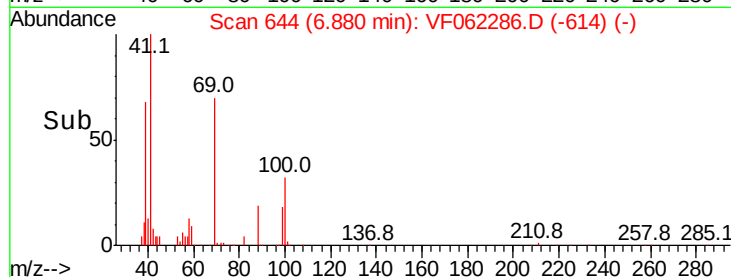
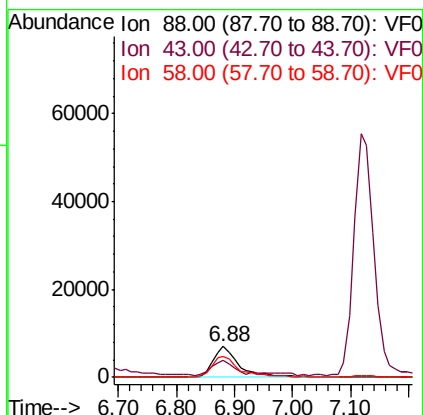
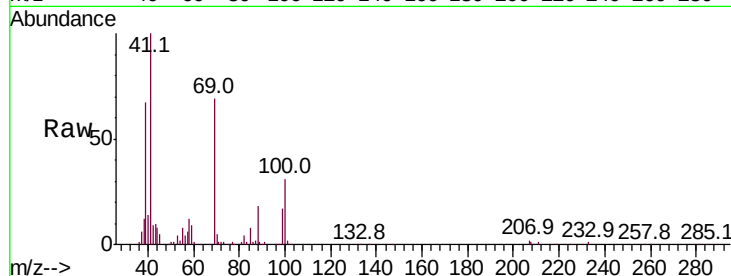




#49
1,4-Dioxane
Concen: 1053.175 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

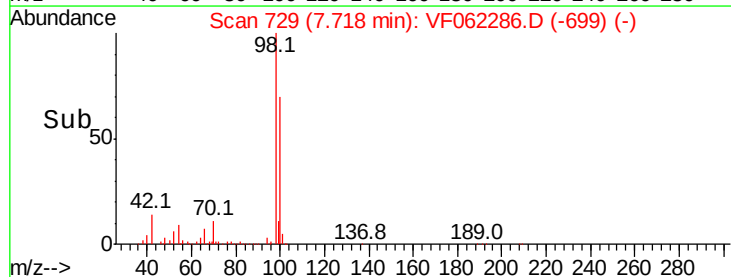
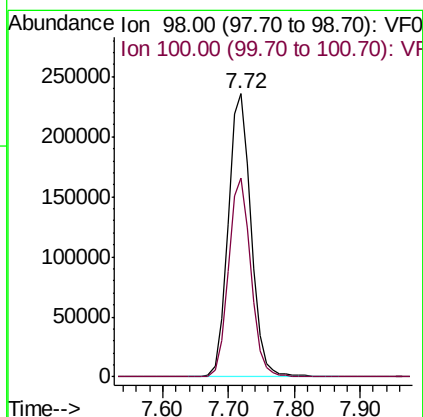
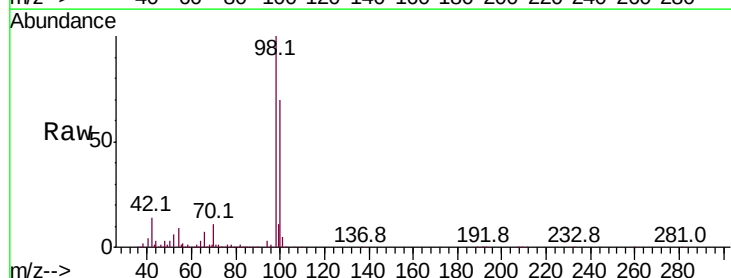
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

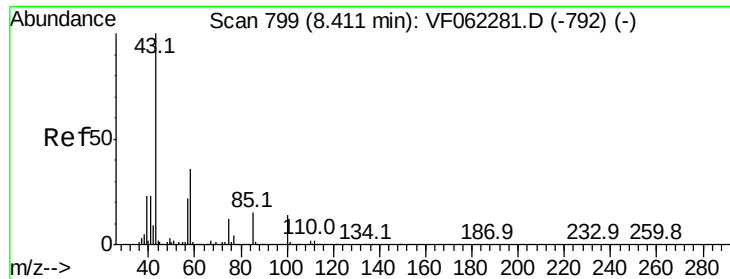
Tot Ion: 88 Resp: 22034
Ion Ratio Lower Upper
88 100
43 38.0 34.2 51.4
58 70.8 50.7 76.1



#50
Toluene-d8
Concen: 49.705 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 98 Resp: 575169
Ion Ratio Lower Upper
98 100
100 68.6 54.4 81.6





#51

4-Methyl-2-Pentanone

Concen: 256.858 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

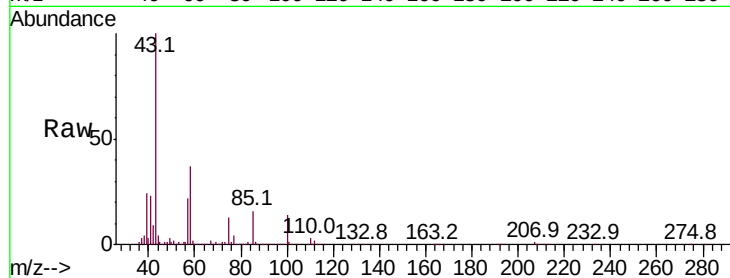
ICVVF042419

Tot Ion: 43 Resp: 501896

Ion Ratio Lower Upper

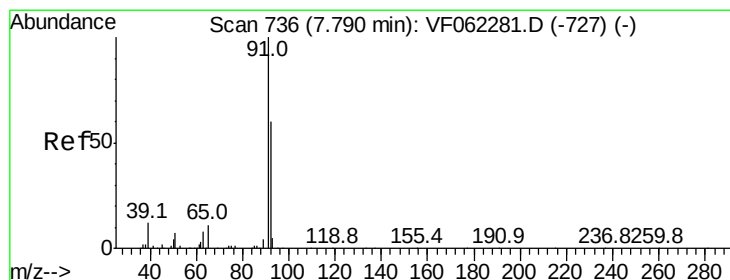
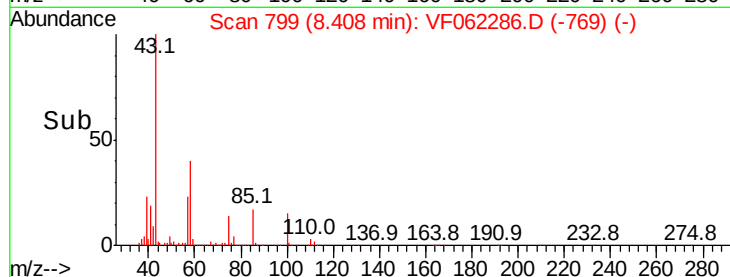
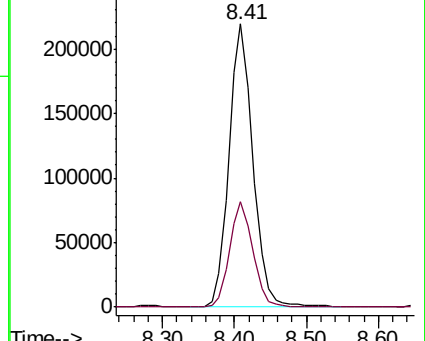
43 100

58 36.6 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 49.920 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.00 min

Lab File: VF062286.D

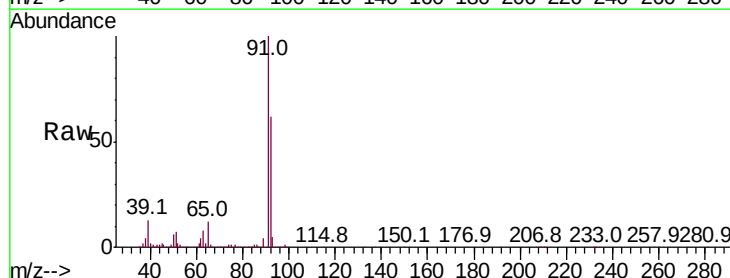
Acq: 24 Apr 2019 17:42

Tgt Ion: 92 Resp: 410249

Ion Ratio Lower Upper

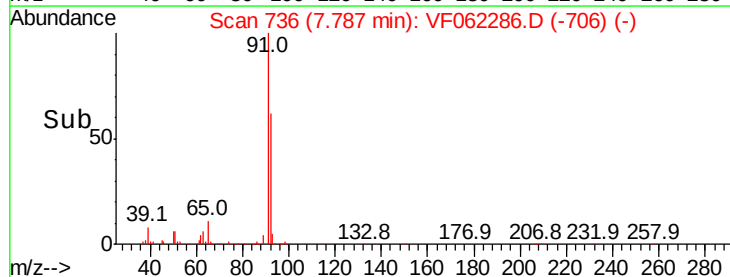
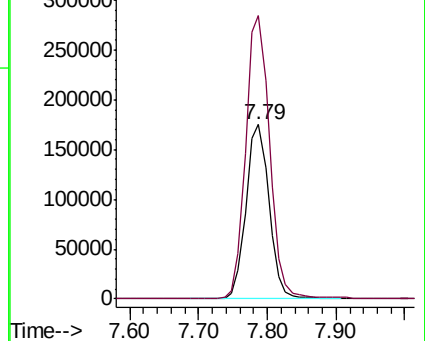
92 100

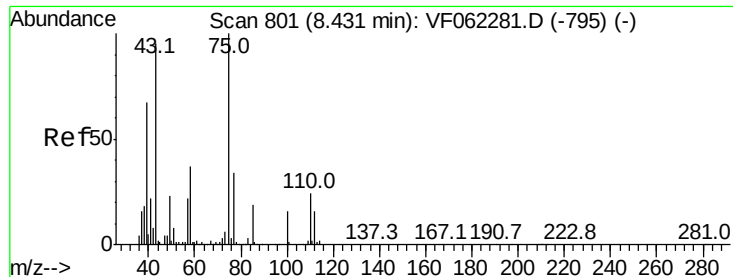
91 167.9 132.5 198.7



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: 52.858 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

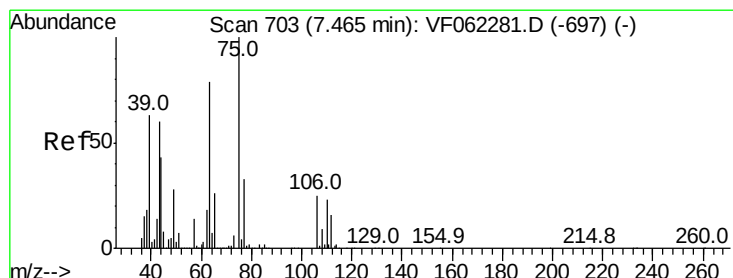
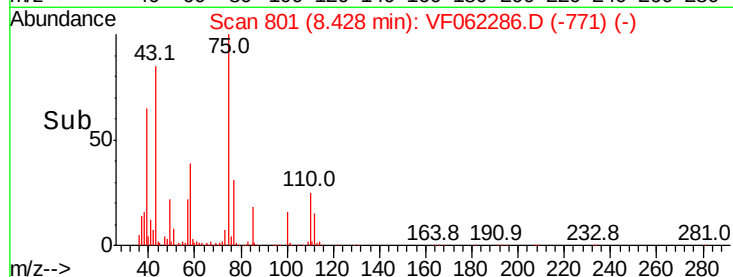
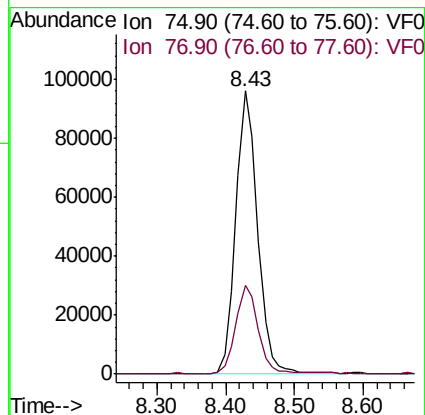
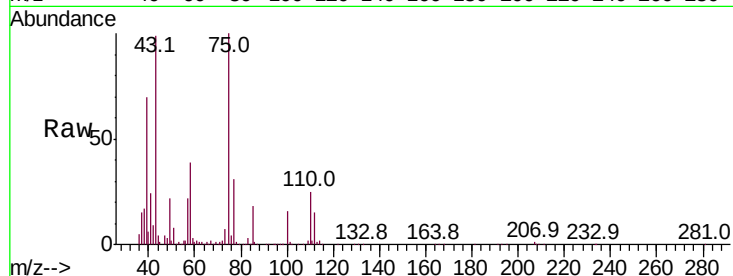
ICVVF042419

Tot Ion: 75 Resp: 211866

Ion Ratio Lower Upper

75 100

77 31.2 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 51.555 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

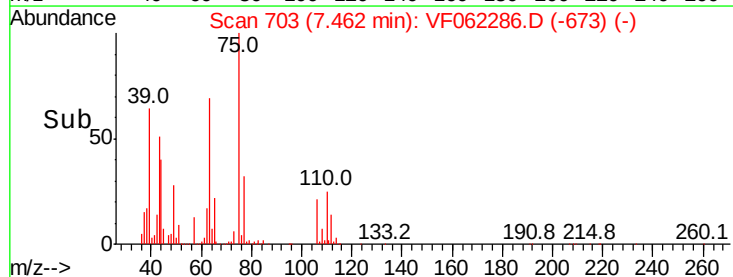
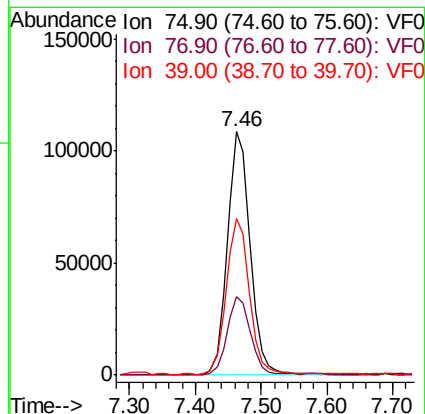
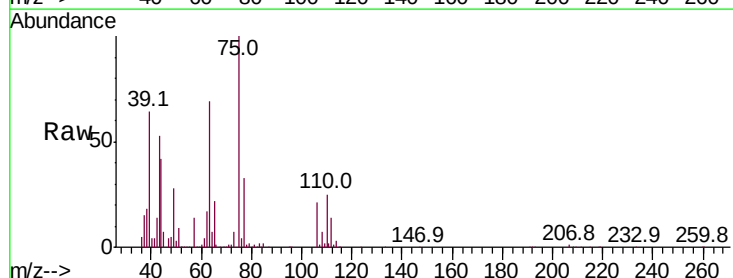
Tgt Ion: 75 Resp: 264725

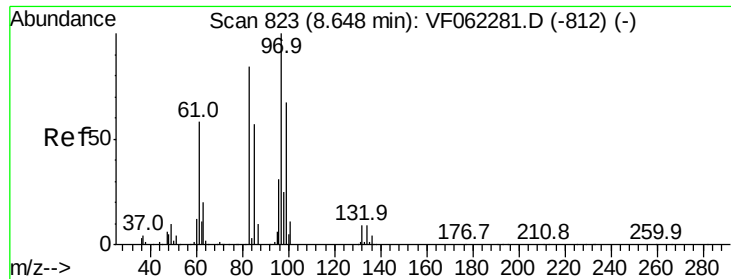
Ion Ratio Lower Upper

75 100

77 32.3 26.5 39.7

39 63.7 50.2 75.2





#55

1,1,2-Trichloroethane

Concen: 53.201 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

Tot Ion: 97 Resp: 124173

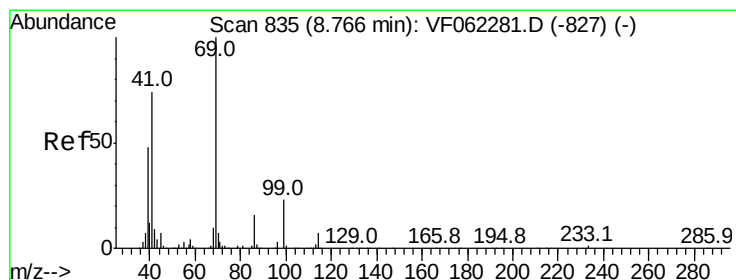
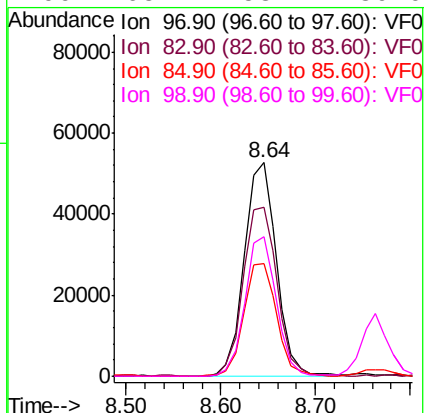
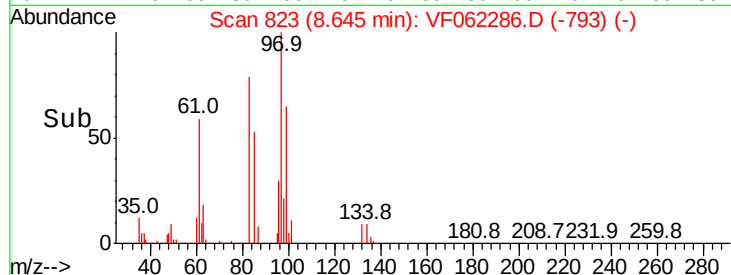
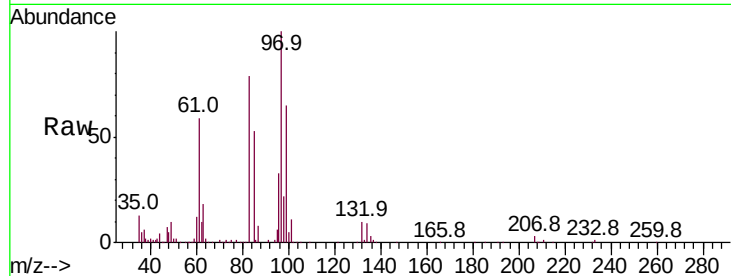
Ion Ratio Lower Upper

97 100

83 78.7 67.5 101.3

85 52.8 45.3 67.9

99 65.2 53.4 80.0



#56

Ethyl methacrylate

Concen: 52.457 ug/l

RT: 8.76 min Scan# 835

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

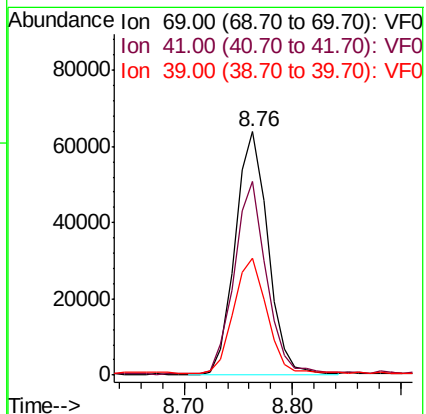
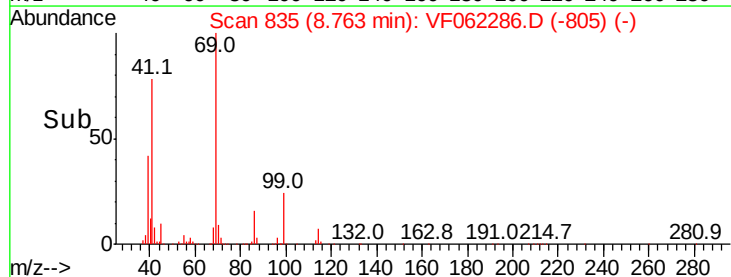
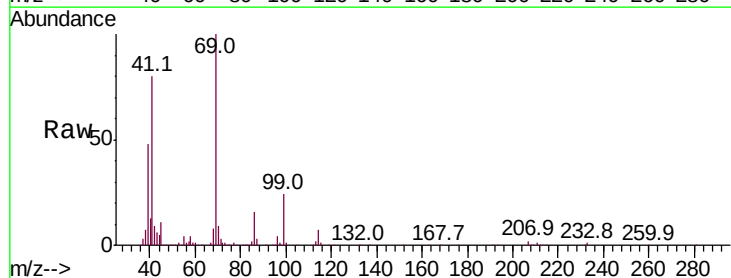
Tgt Ion: 69 Resp: 134509

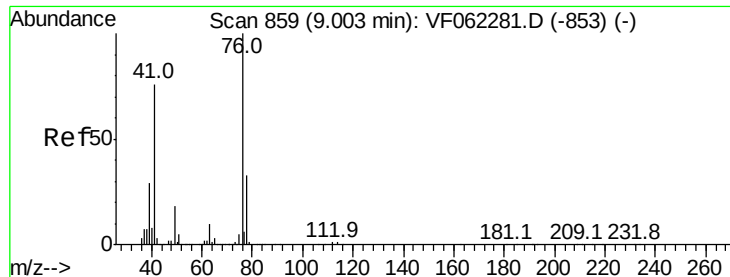
Ion Ratio Lower Upper

69 100

41 78.8 61.5 92.3

39 49.0 37.9 56.9





#57

1,3-Dichloropropane

Concen: 50.181 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

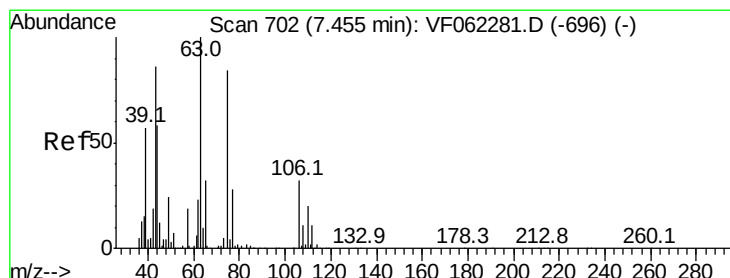
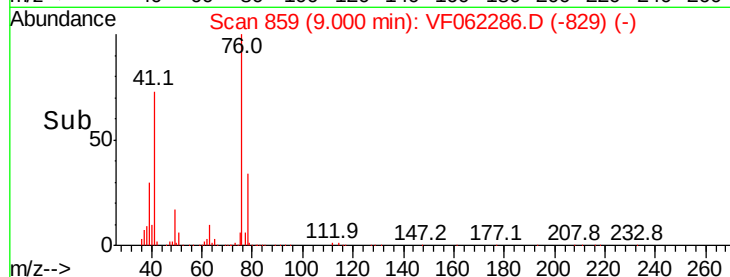
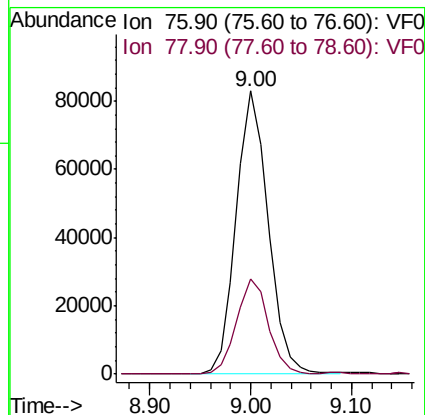
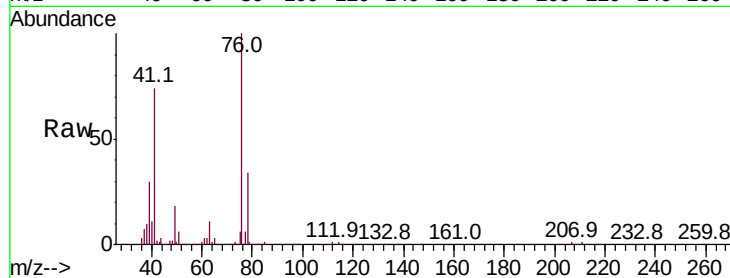
ICVVF042419

Tot Ion: 76 Resp: 184155

Ion Ratio Lower Upper

76 100

78 33.2 27.0 40.6



#58

2-Chloroethyl Vinyl ether

Concen: 239.560 ug/l

RT: 7.45 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF062286.D

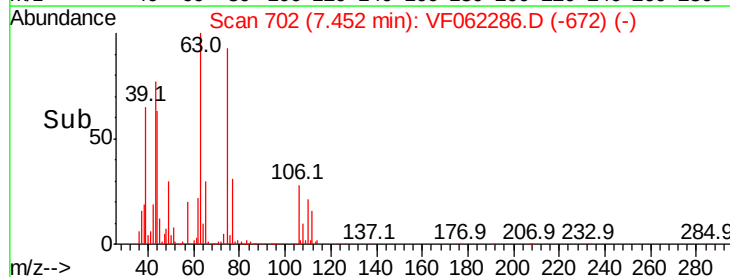
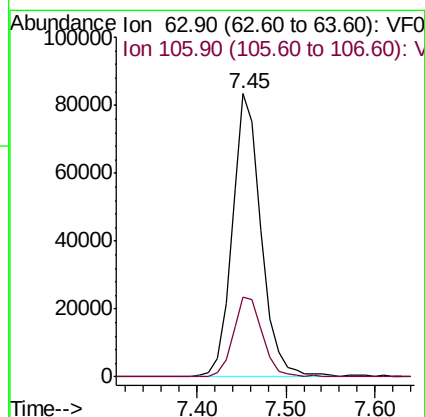
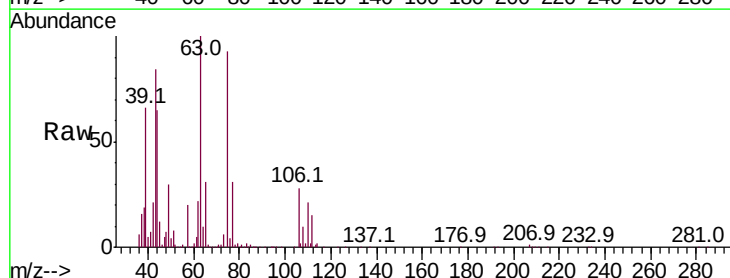
Acq: 24 Apr 2019 17:42

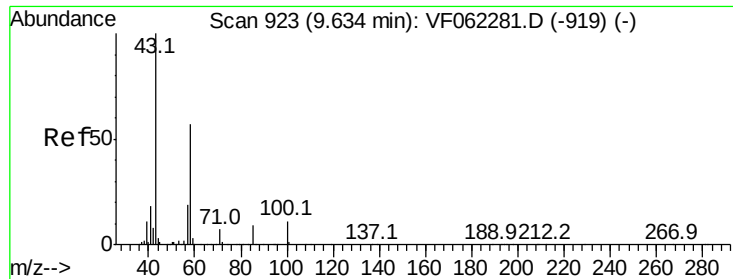
Tgt Ion: 63 Resp: 186919

Ion Ratio Lower Upper

63 100

106 29.4 24.7 37.1

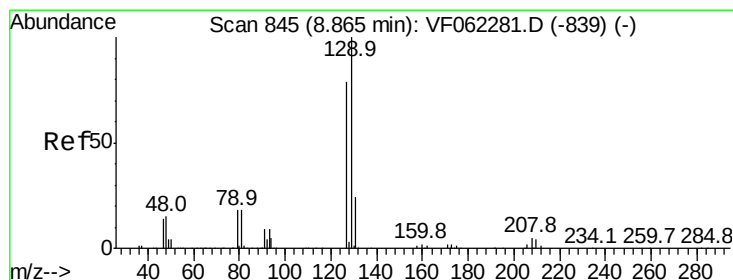
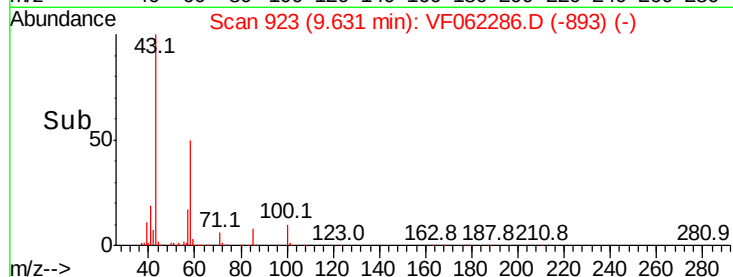
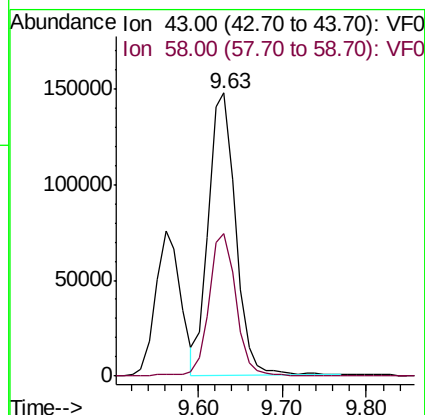
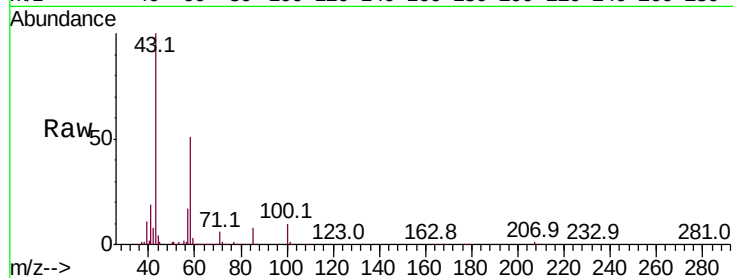




#59
2-Hexanone
Concen: 278.185 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

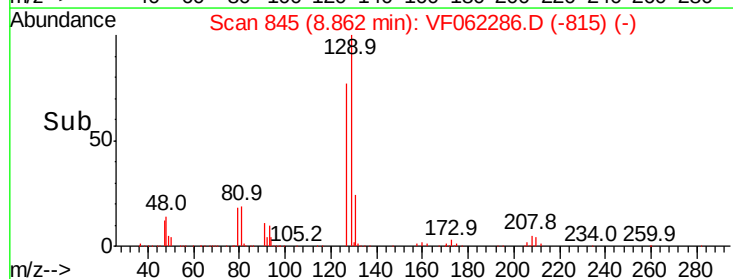
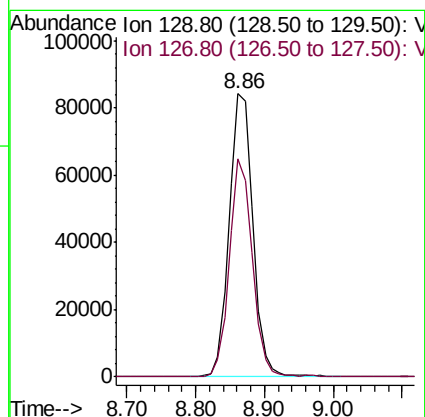
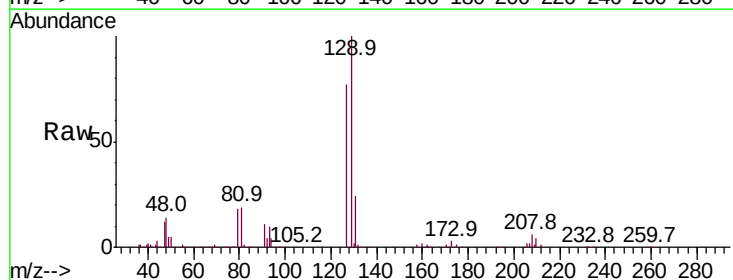
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

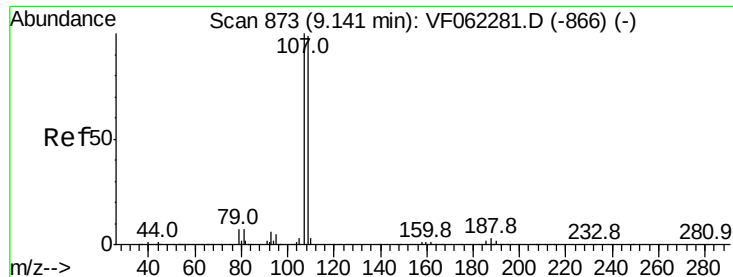
Tot Ion: 43 Resp: 329892
Ion Ratio Lower Upper
43 100
58 51.0 24.9 74.7



#60
Dibromochloromethane
Concen: 53.035 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 129 Resp: 200906
Ion Ratio Lower Upper
129 100
127 74.8 38.8 116.4

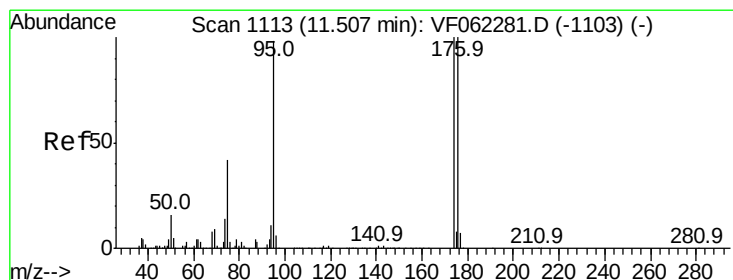
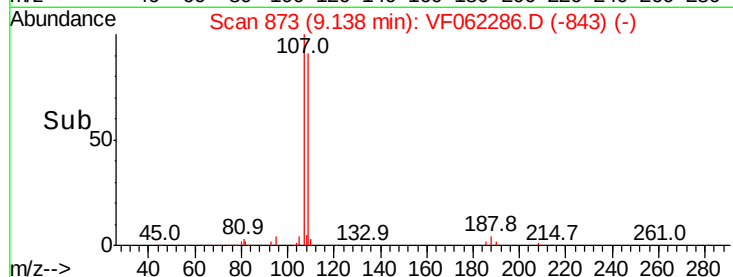
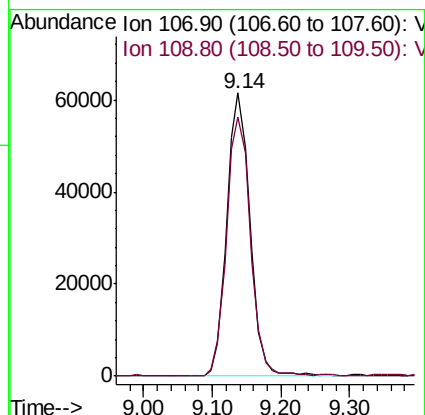
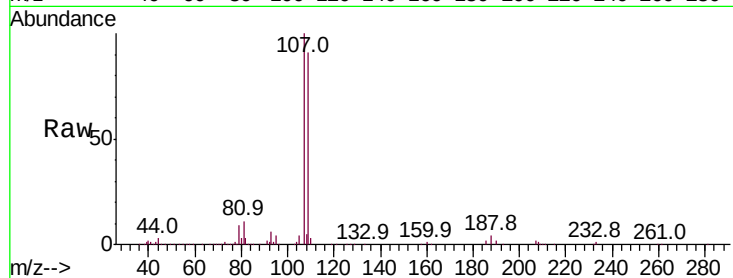




#61
 1,2-Dibromoethane
 Concen: 53.210 ug/l
 RT: 9.14 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

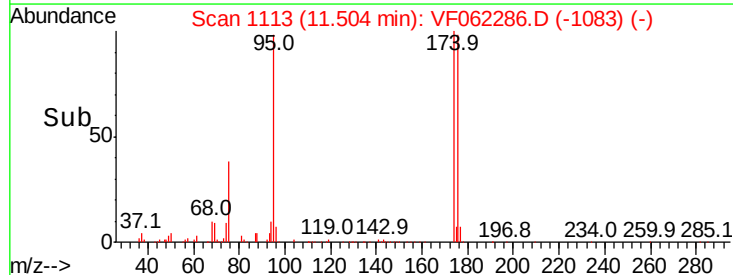
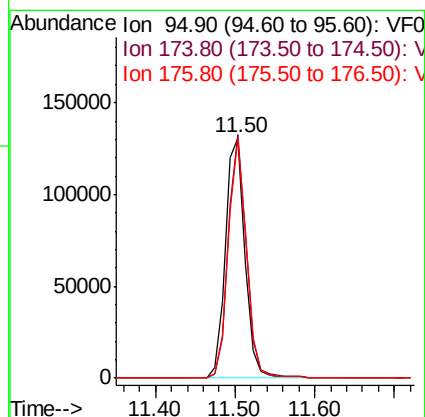
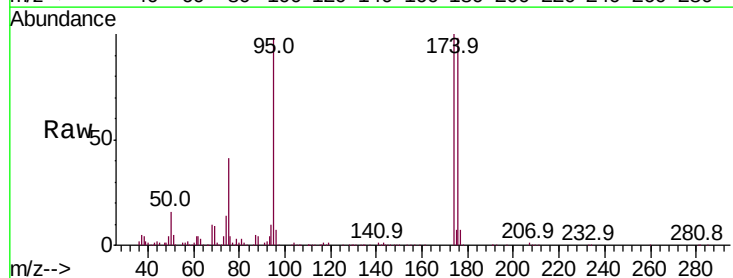
Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF042419

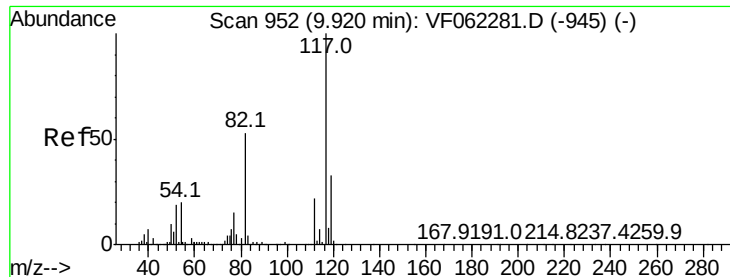
Tot Ion:107 Resp: 143741
 Ion Ratio Lower Upper
 107 100
 109 94.6 78.7 118.1



#62
 4-Bromofluorobenzene
 Concen: 47.843 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Tgt Ion: 95 Resp: 228196
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 185.2
 176 92.7 0.0 184.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

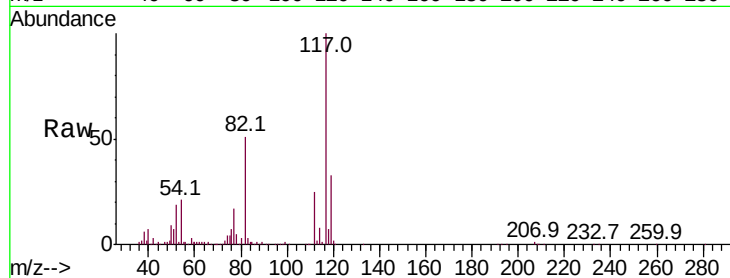
Tot Ion:117 Resp: 471080

Ion Ratio Lower Upper

117 100

82 50.8 42.6 64.0

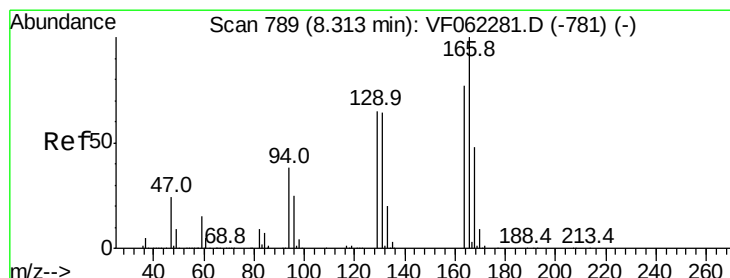
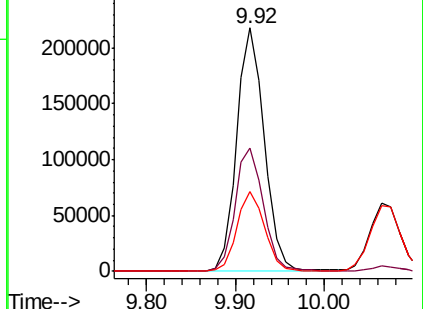
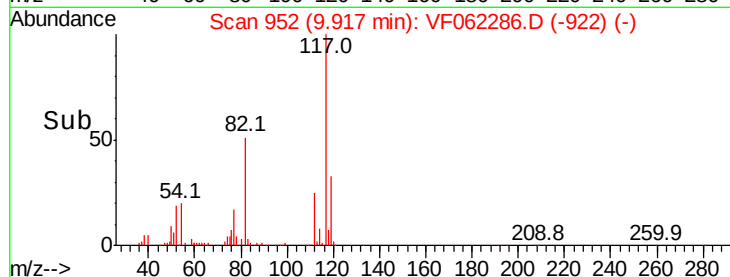
119 32.9 26.1 39.1



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



#64

Tetrachloroethene

Concen: 52.424 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Tgt Ion:164 Resp: 206562

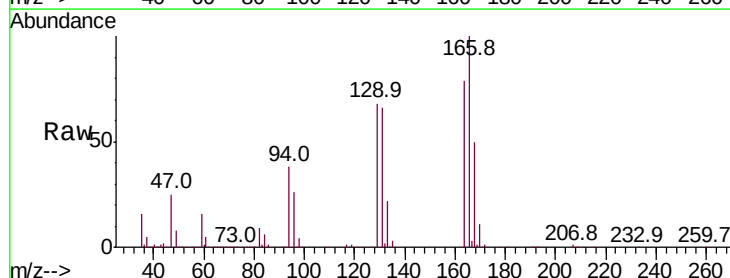
Ion Ratio Lower Upper

164 100

166 127.3 103.5 155.3

129 86.1 67.6 101.4

131 84.3 66.1 99.1

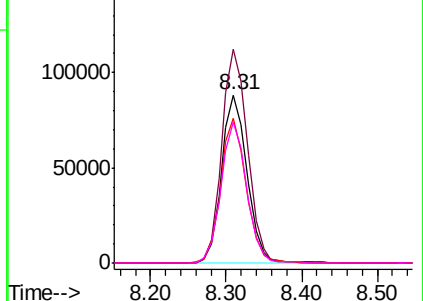
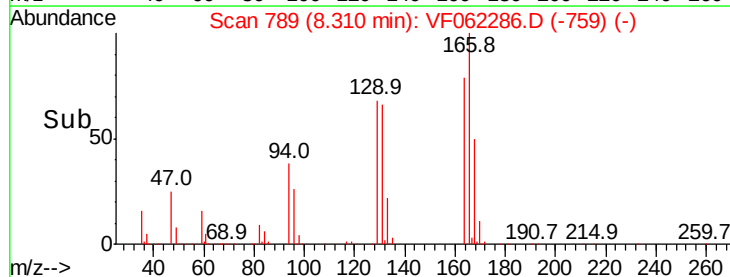


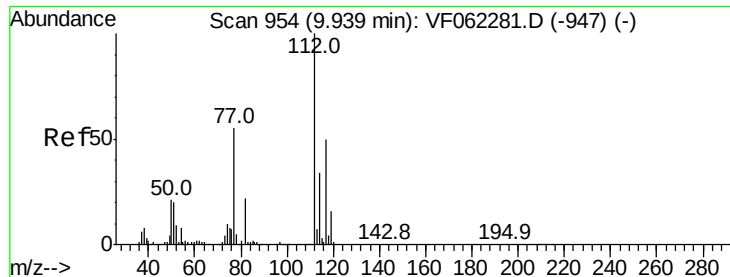
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

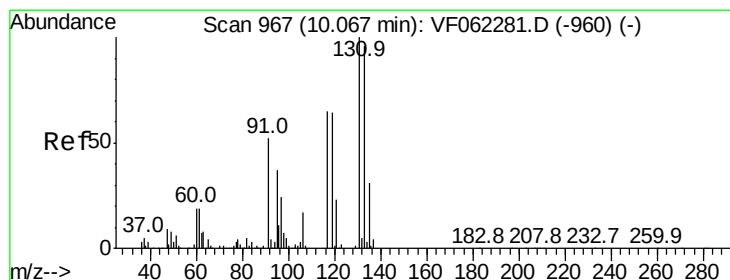
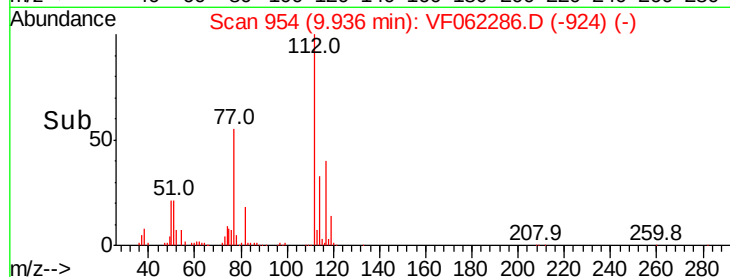
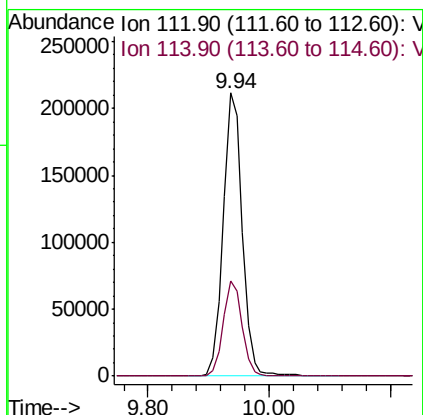
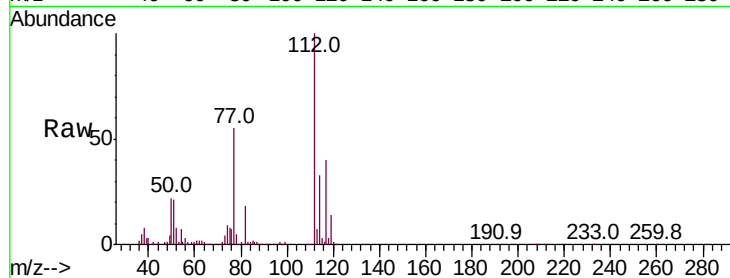




#65
Chlorobenzene
Concen: 53.751 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

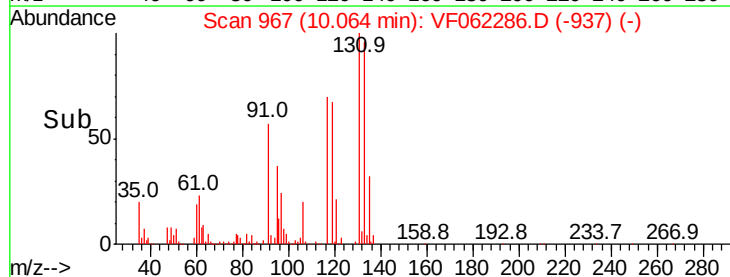
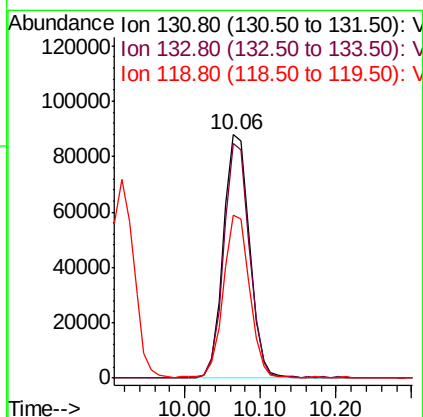
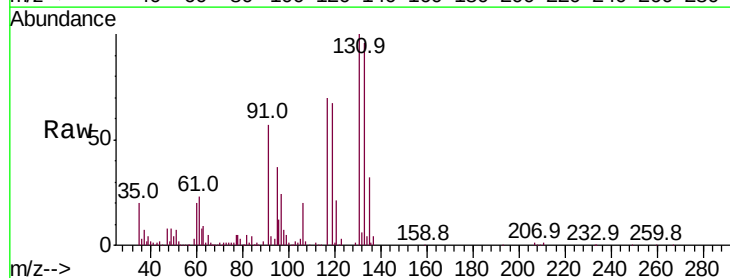
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

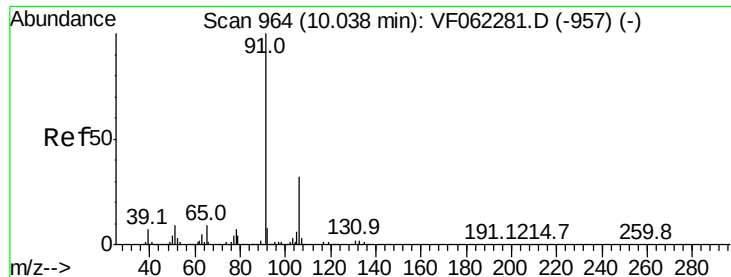
Tot Ion:112 Resp: 462714
Ion Ratio Lower Upper
112 100
114 33.4 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.996 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion:131 Resp: 210833
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 66.3 32.9 98.7





#67

Ethyl Benzene

Concen: 51.399 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

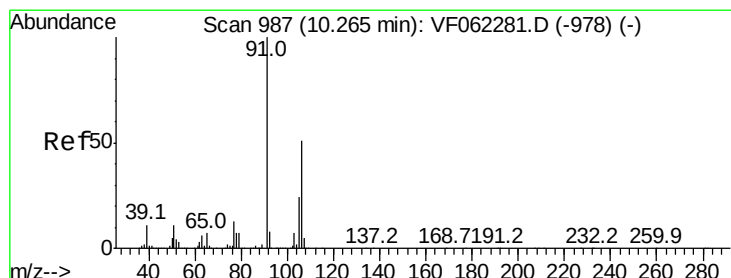
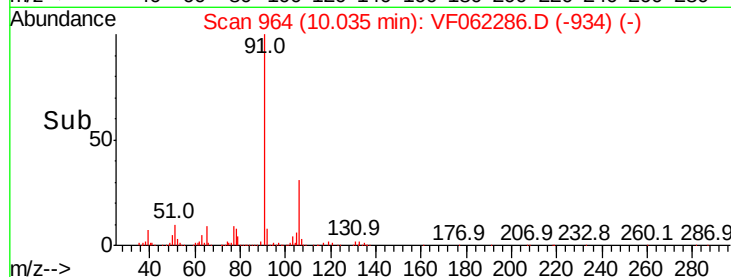
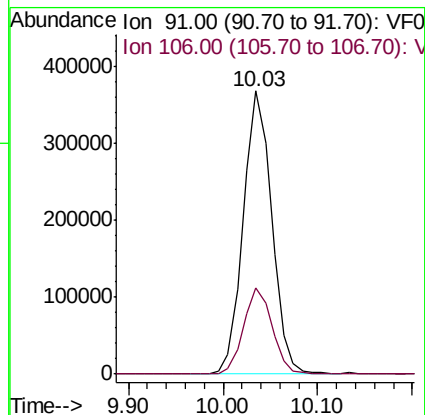
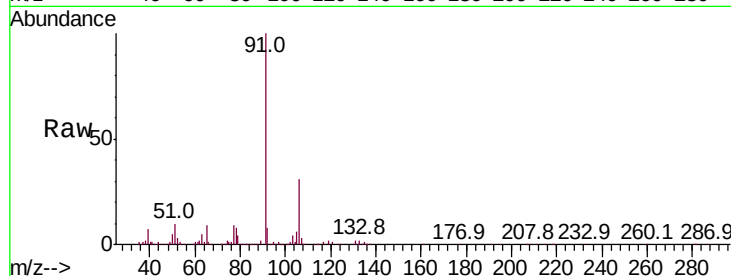
ICVVF042419

Tot Ion: 91 Resp: 769227

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 103.689 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.00 min

Lab File: VF062286.D

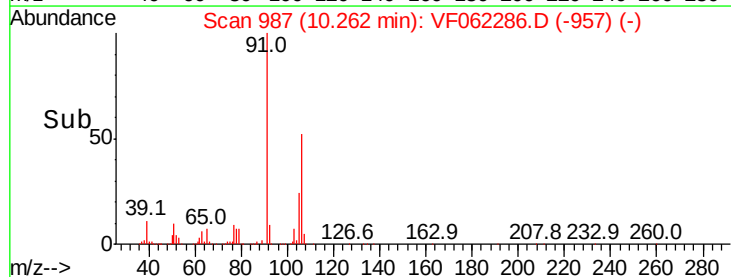
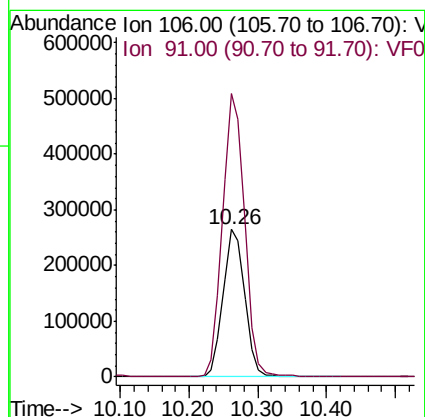
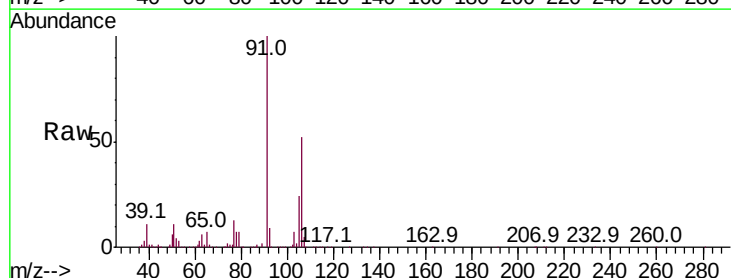
Acq: 24 Apr 2019 17:42

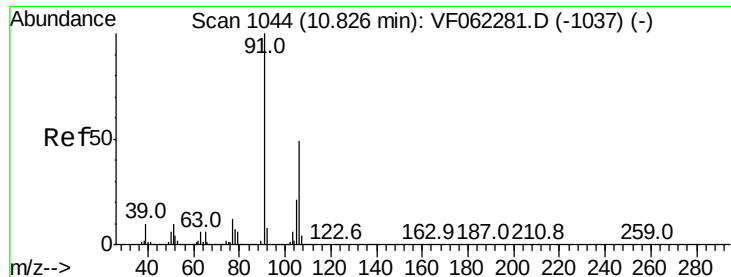
Tgt Ion:106 Resp: 577747

Ion Ratio Lower Upper

106 100

91 195.0 158.3 237.5

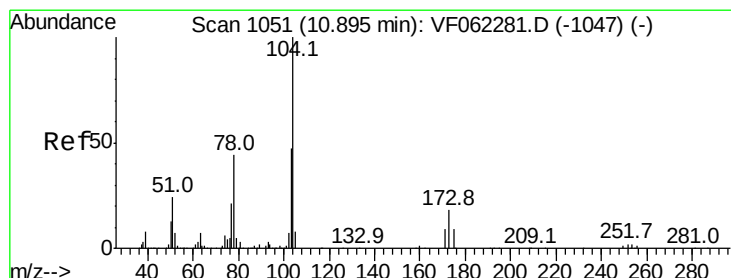
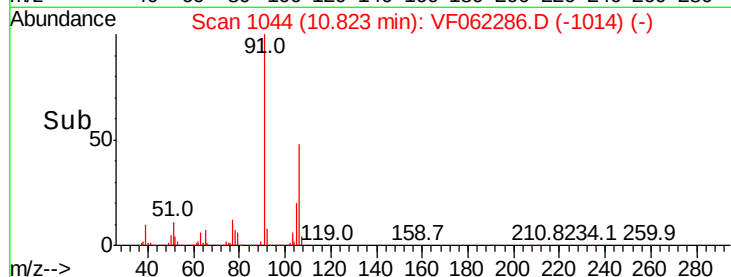
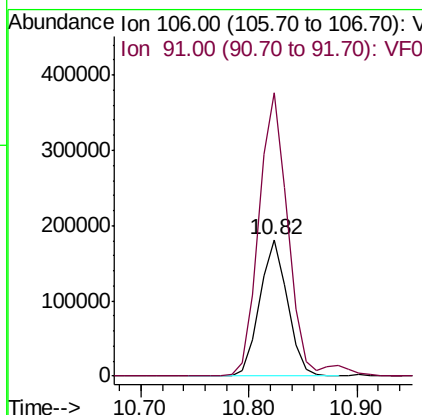
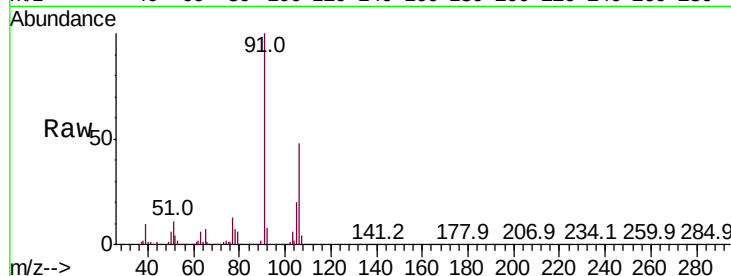




#69
o-Xylene
Concen: 51.930 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

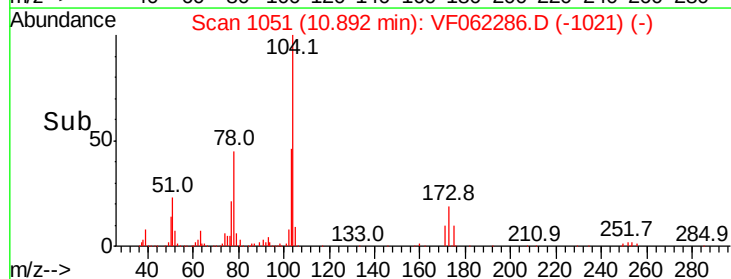
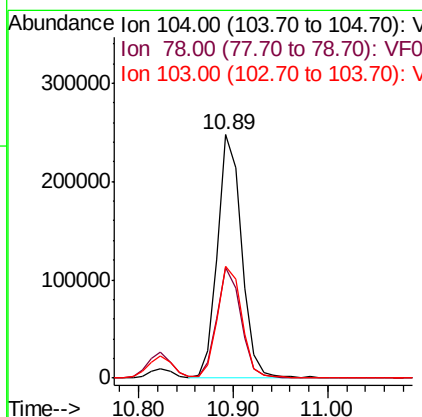
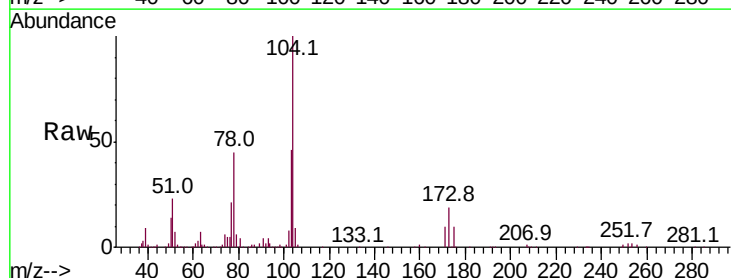
Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

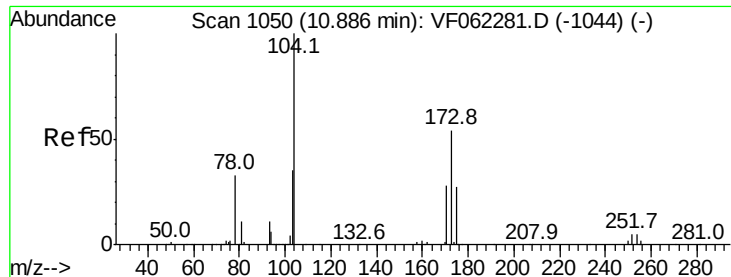
Tot Ion:106 Resp: 323270
Ion Ratio Lower Upper
106 100
91 221.6 110.0 330.0



#70
Styrene
Concen: 48.576 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion:104 Resp: 437133
Ion Ratio Lower Upper
104 100
78 45.0 35.9 53.9
103 46.7 37.5 56.3





#71

Bromoform

Concen: 50.462 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

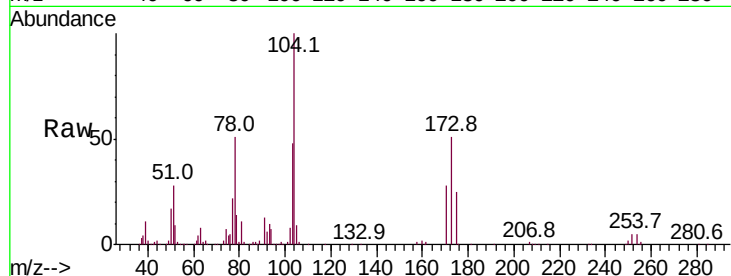
Tot Ion:173 Resp: 115175

Ion Ratio Lower Upper

173 100

175 48.3 25.3 75.9

254 0.1 0.1 0.1#

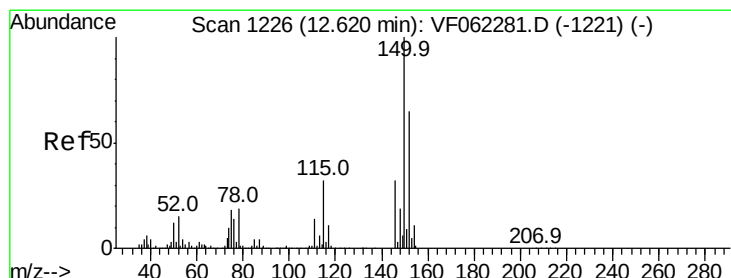
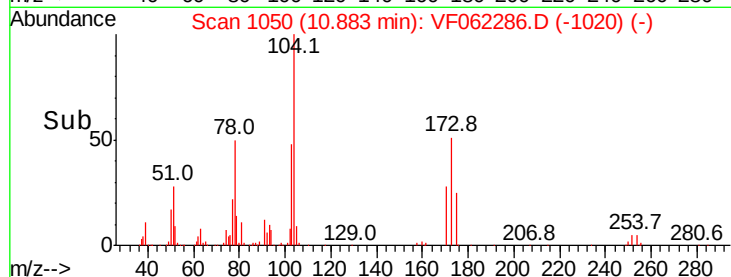
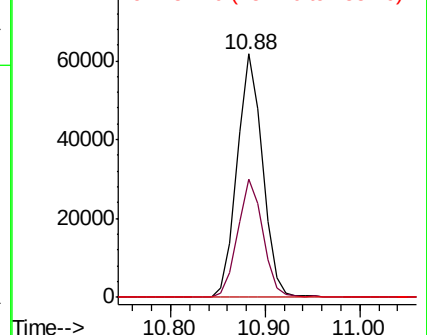


Abundance

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: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

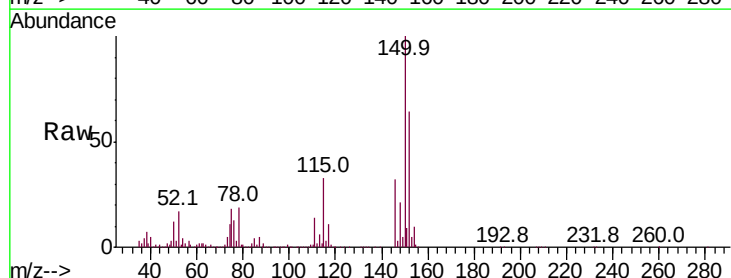
Tgt Ion:152 Resp: 259208

Ion Ratio Lower Upper

152 100

115 52.6 25.6 76.8

150 170.4 0.0 330.6

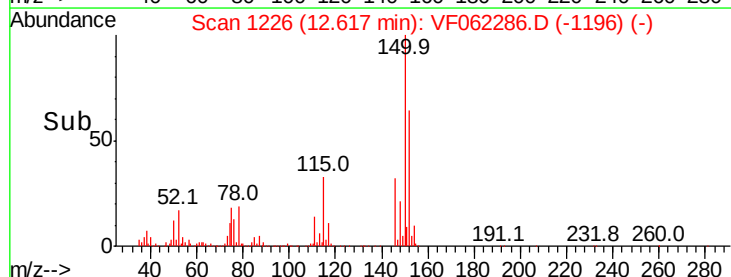
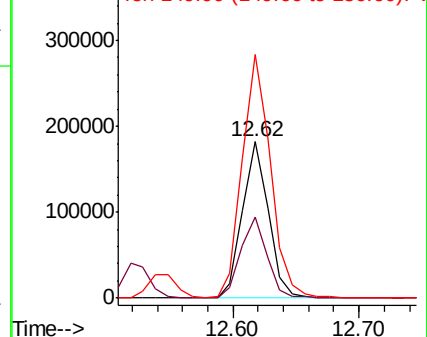


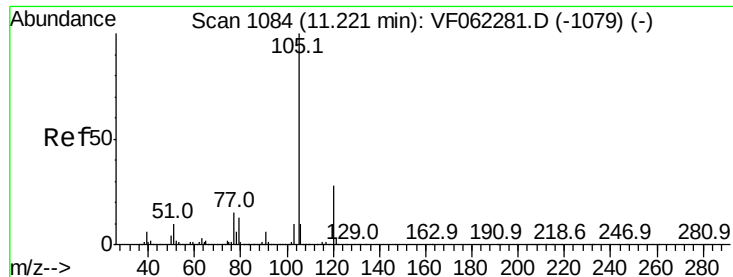
Abundance

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: 52.766 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

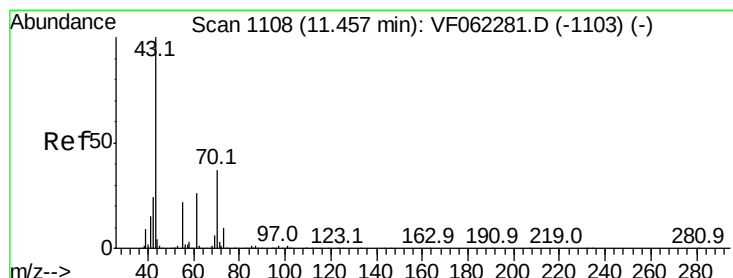
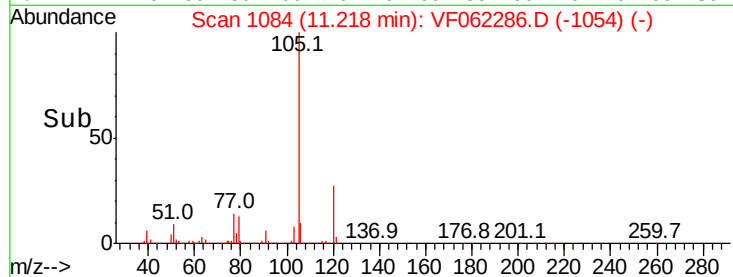
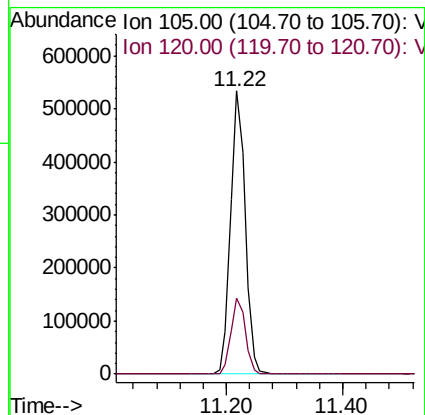
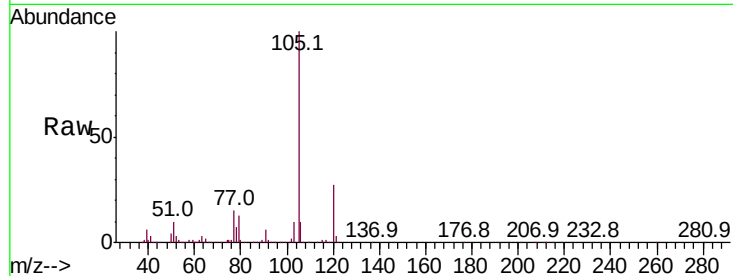
ICVVF042419

Tot Ion:105 Resp: 937099

Ion Ratio Lower Upper

105 100

120 26.6 12.4 37.2



#74

N-ethyl acetate

Concen: 47.203 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Tgt Ion: 43 Resp: 193152

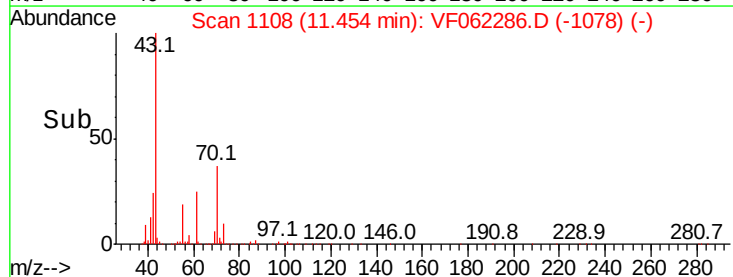
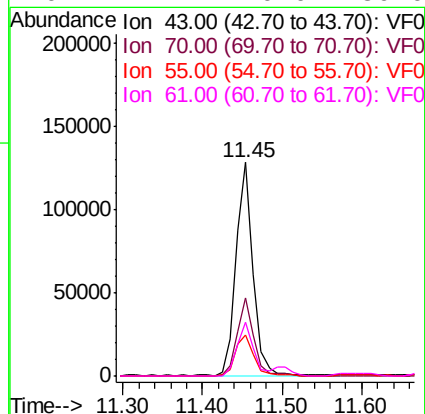
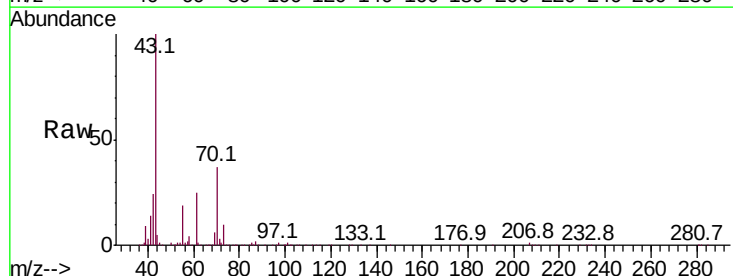
Ion Ratio Lower Upper

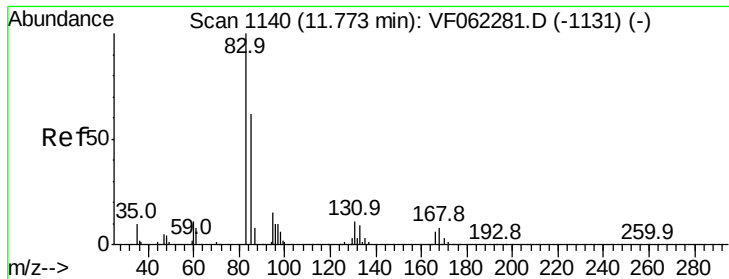
43 100

70 36.3 27.8 41.8

55 20.6 16.6 24.8

61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.385 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

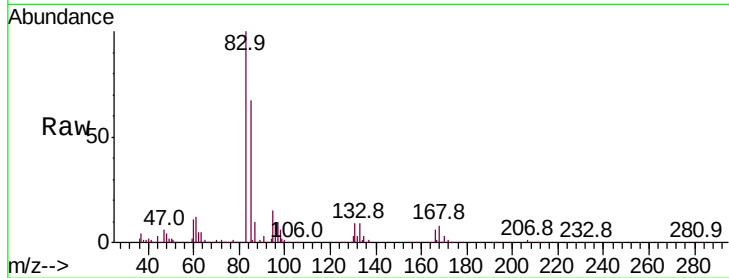
Tot Ion: 83 Resp: 153449

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

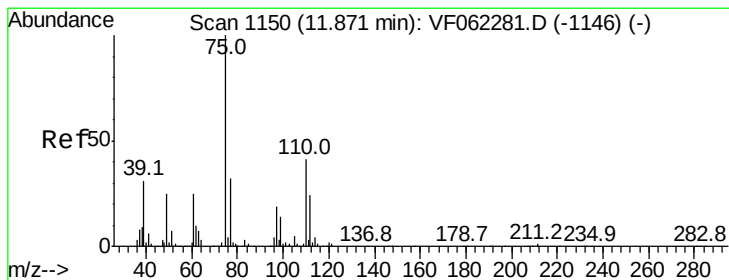
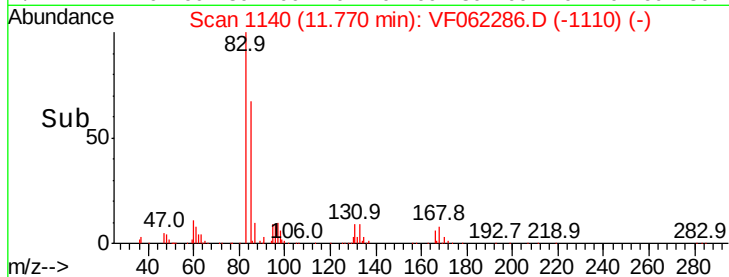
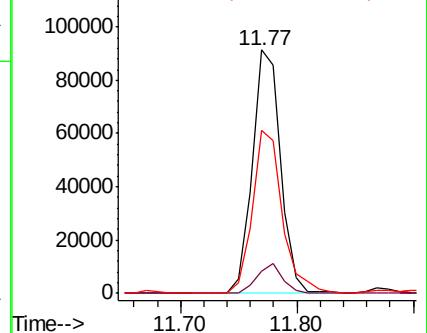
85 70.9 34.5 103.6



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



#76

1,2,3-Trichloropropane

Concen: 51.785 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. 0.01 min

Lab File: VF062286.D

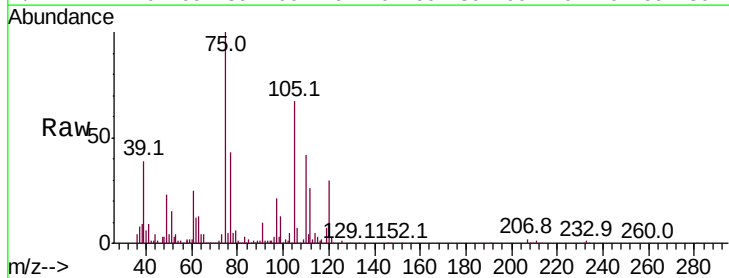
Acq: 24 Apr 2019 17:42

Tgt Ion: 75 Resp: 103667

Ion Ratio Lower Upper

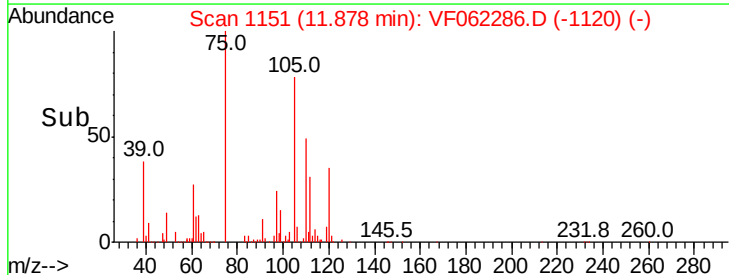
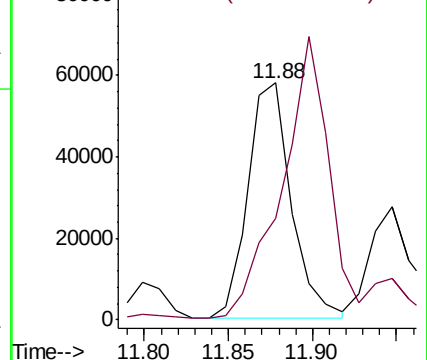
75 100

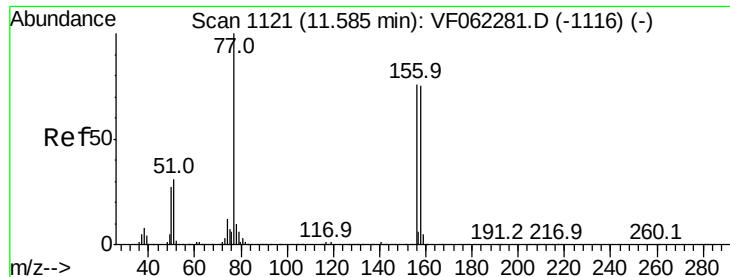
77 127.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 52.103 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

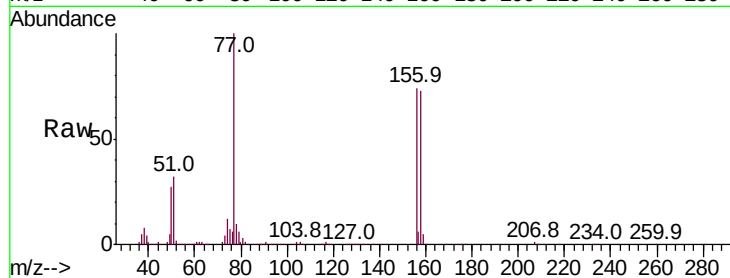
Tot Ion:156 Resp: 231322

Ion Ratio Lower Upper

156 100

77 132.3 67.3 201.9

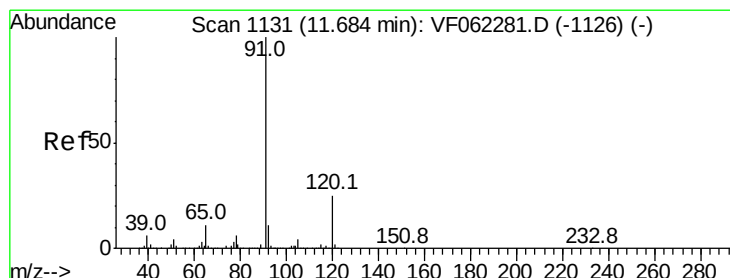
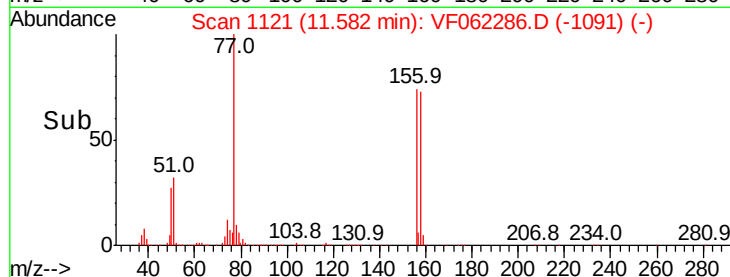
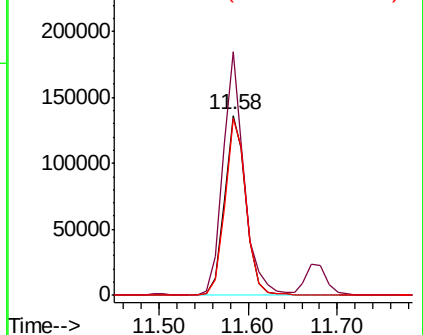
158 98.2 49.5 148.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.752 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF062286.D

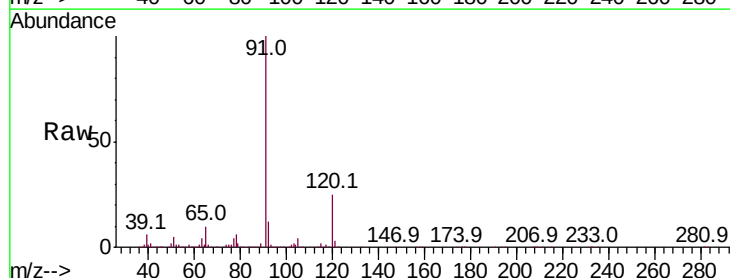
Acq: 24 Apr 2019 17:42

Tgt Ion: 91 Resp: 929707

Ion Ratio Lower Upper

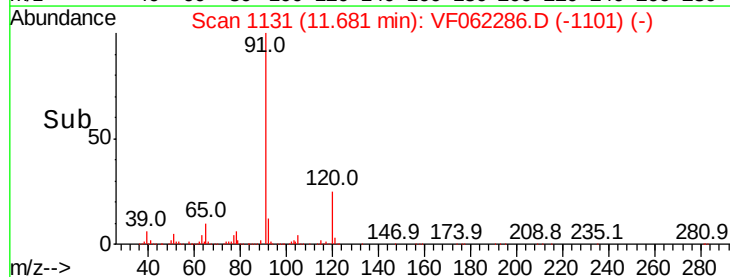
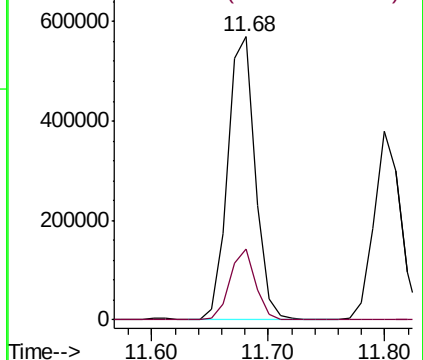
91 100

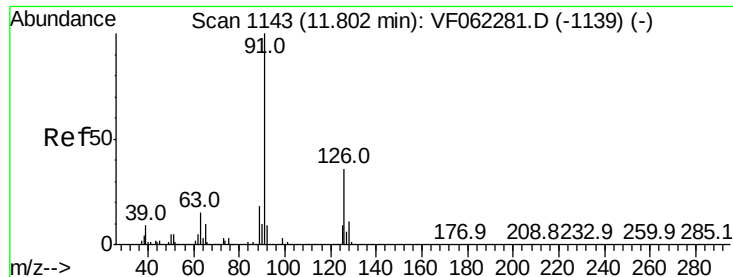
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.104 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

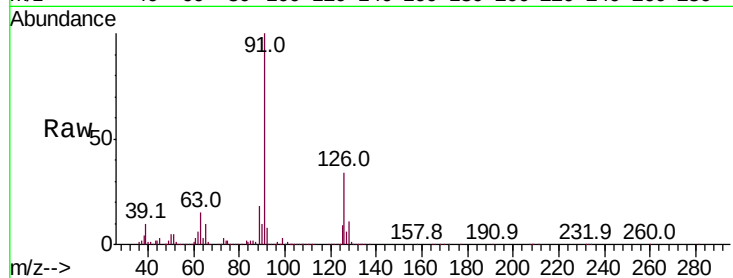
ICVVF042419

Tot Ion: 91 Resp: 597730

Ion Ratio Lower Upper

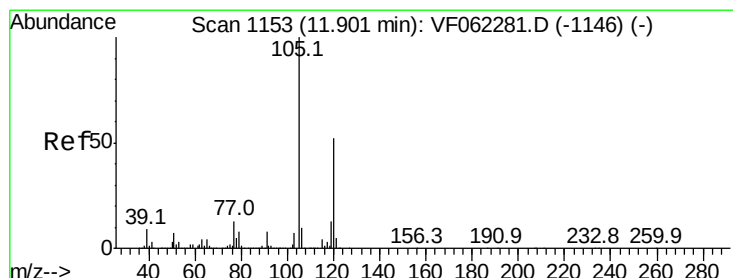
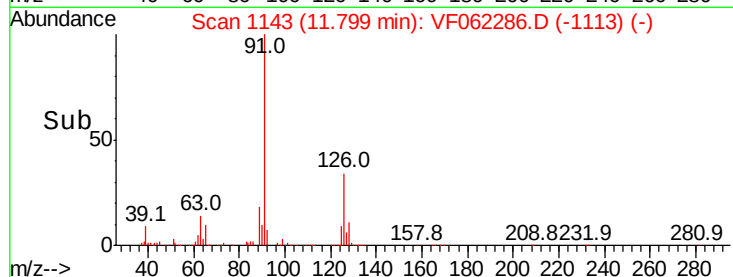
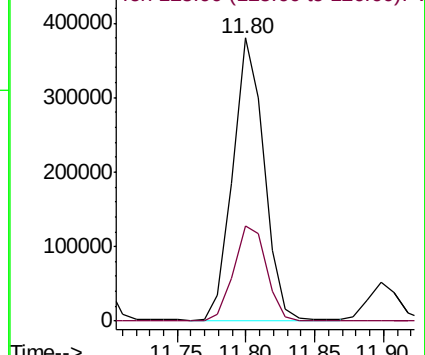
91 100

126 35.8 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: 51.528 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VF062286.D

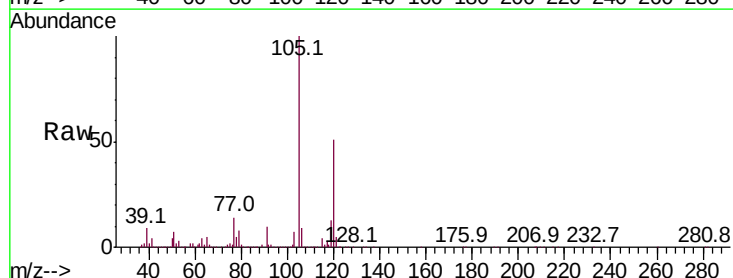
Acq: 24 Apr 2019 17:42

Tgt Ion:105 Resp: 772533

Ion Ratio Lower Upper

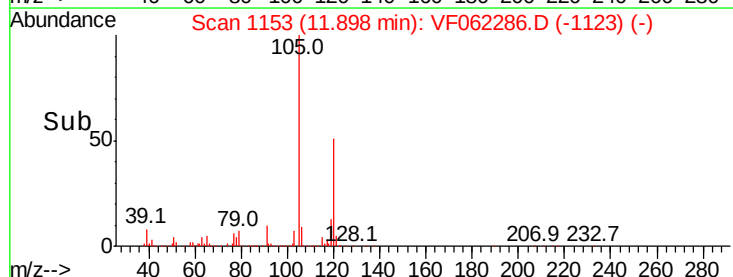
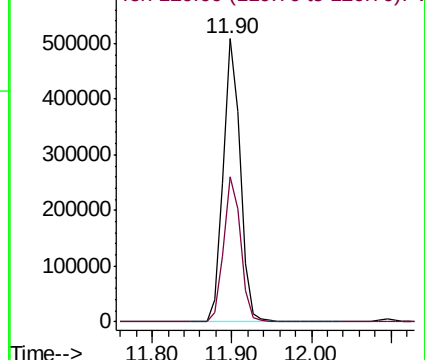
105 100

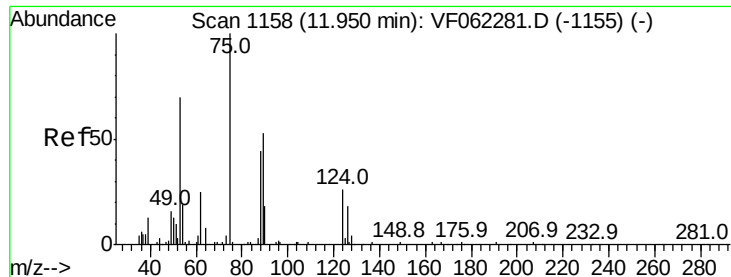
120 51.1 25.8 77.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

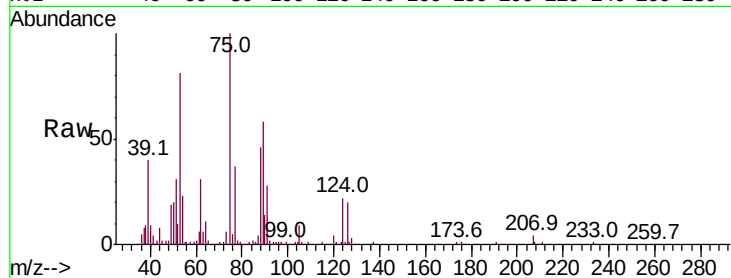




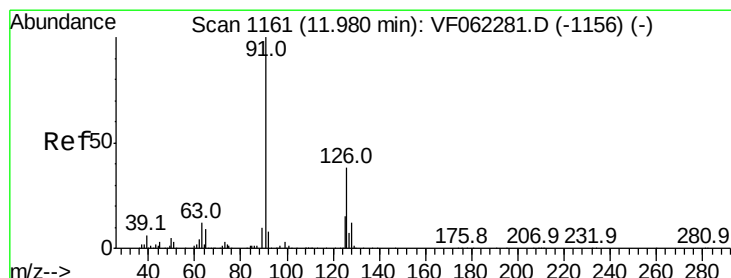
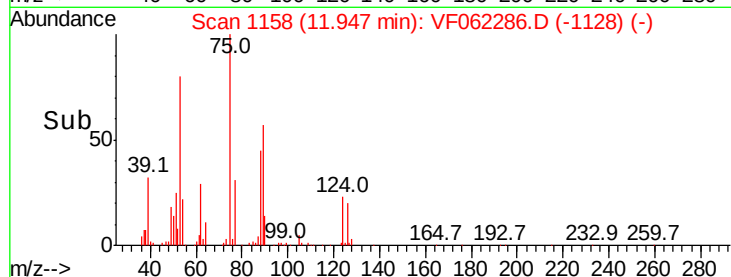
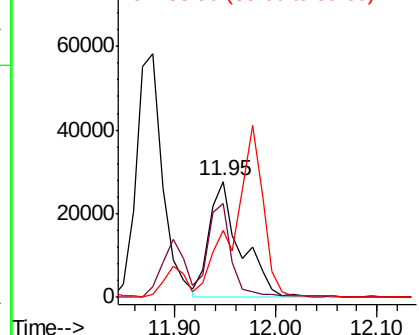
#81
trans-1,4-Dichloro-2-butene
Concen: 65.975 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

Tot Ion: 75 Resp: 59036
Ion Ratio Lower Upper
75 100
53 62.5 67.1 100.7#
89 0.0 0.0 0.0

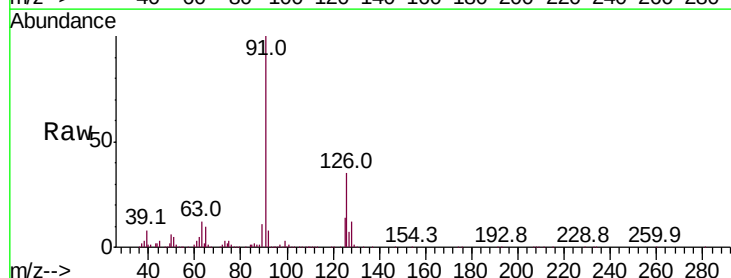


Abundance Ion 74.90 (74.60 to 75.60): VF0
Ion 53.00 (52.70 to 53.70): VF0
Ion 88.90 (88.60 to 89.60): VF0

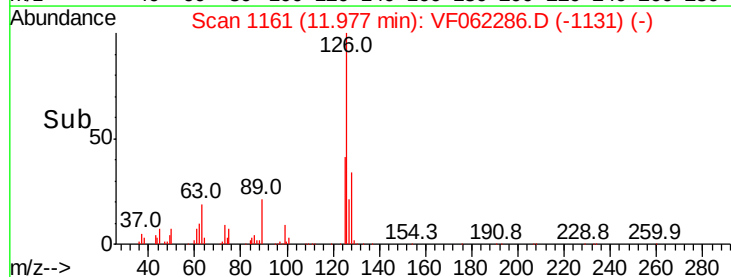
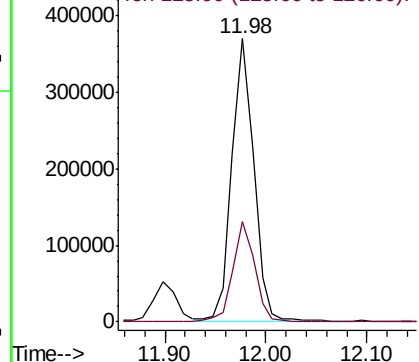


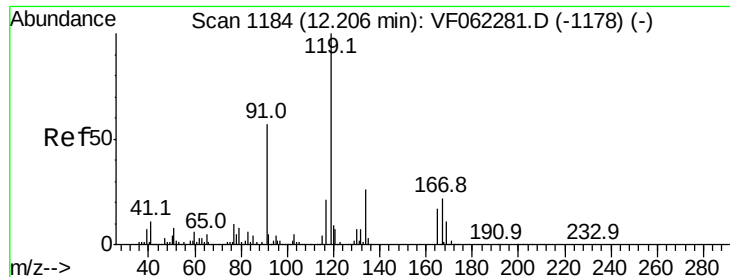
#82
4-Chlorotoluene
Concen: 50.222 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion: 91 Resp: 559358
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.941 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

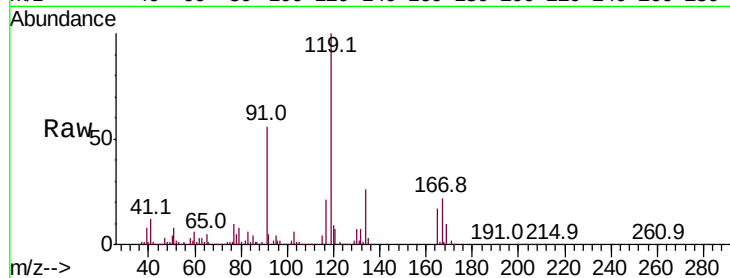
Tot Ion:119 Resp: 829956

Ion Ratio Lower Upper

119 100

91 57.4 29.4 88.2

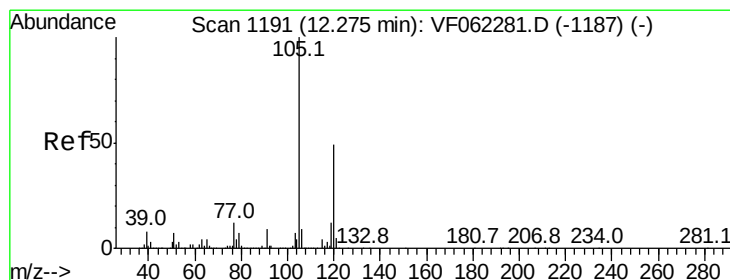
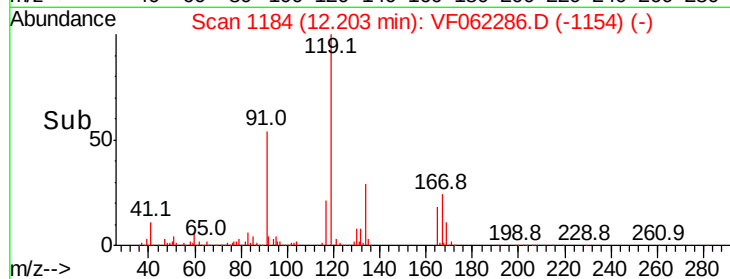
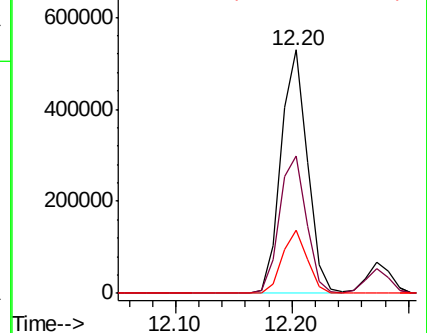
134 24.9 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.802 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062286.D

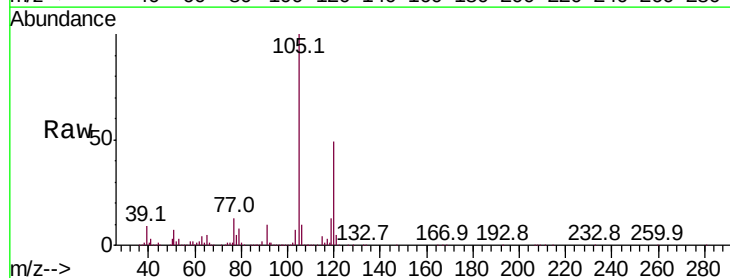
Acq: 24 Apr 2019 17:42

Tgt Ion:105 Resp: 737675

Ion Ratio Lower Upper

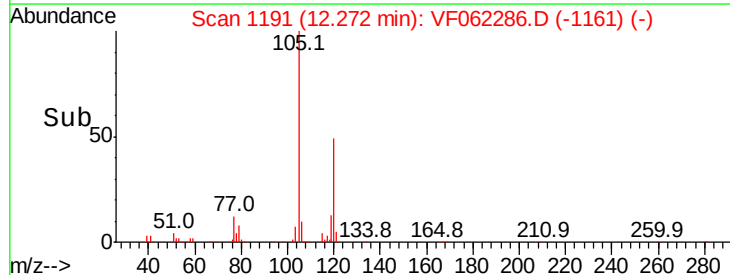
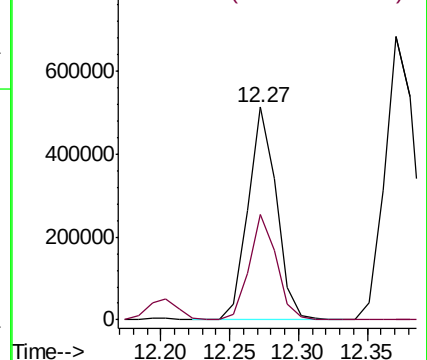
105 100

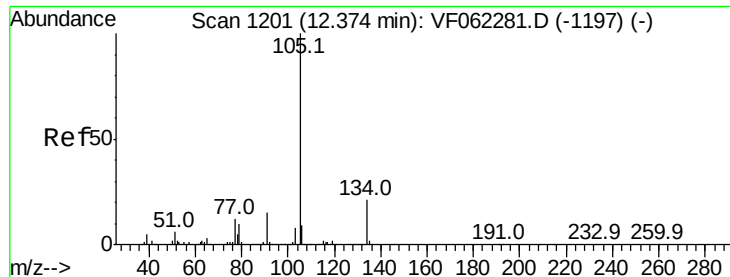
120 47.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.160 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

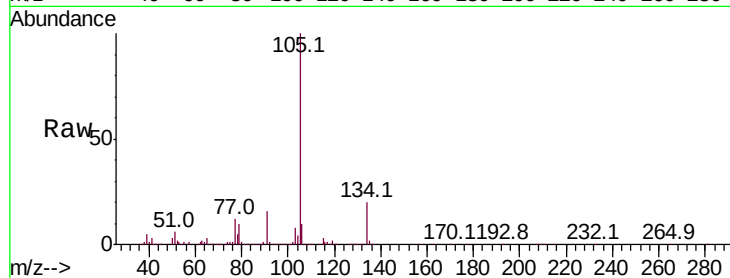
ICVVF042419

Tot Ion:105 Resp: 1037932

Ion Ratio Lower Upper

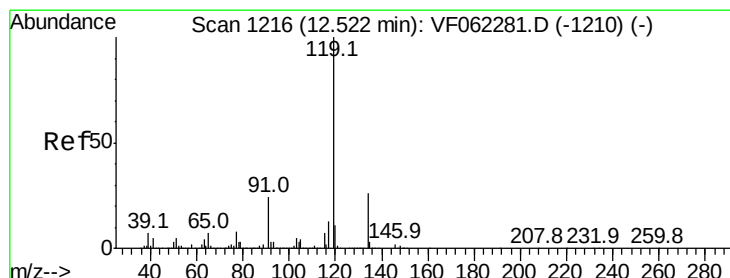
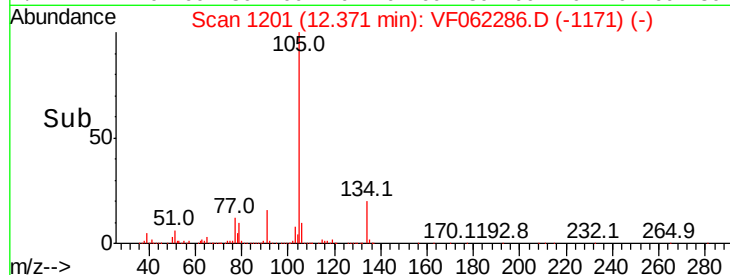
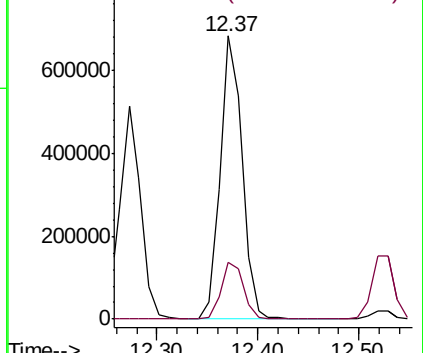
105 100

134 20.5 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: 52.335 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

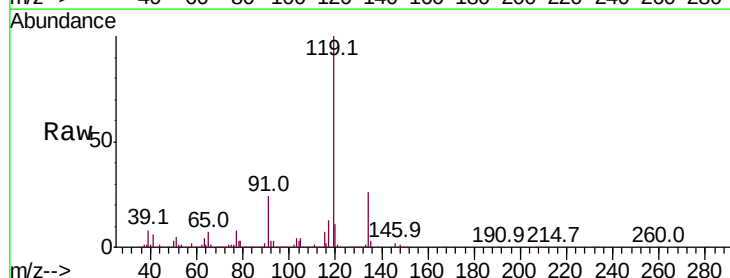
Tgt Ion:119 Resp: 899197

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

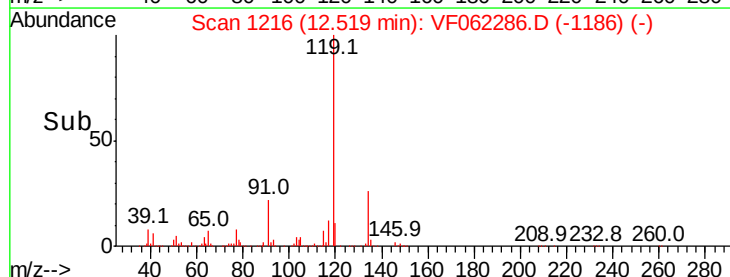
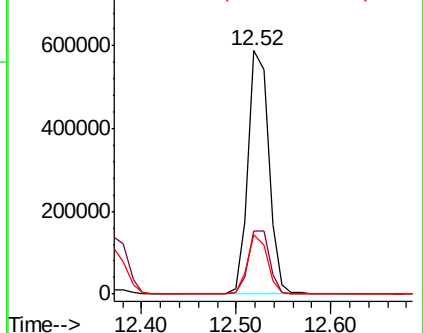
91 23.6 11.6 34.7

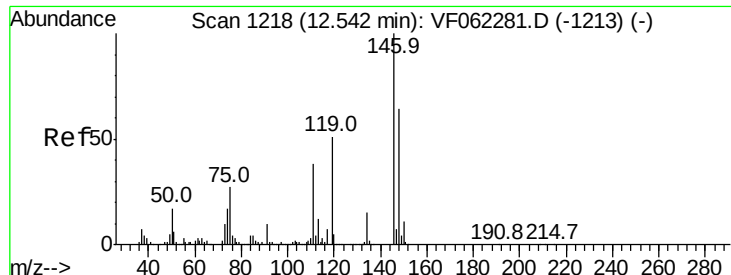


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.579 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.00 min

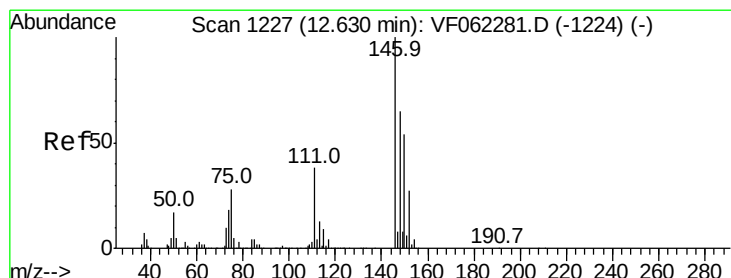
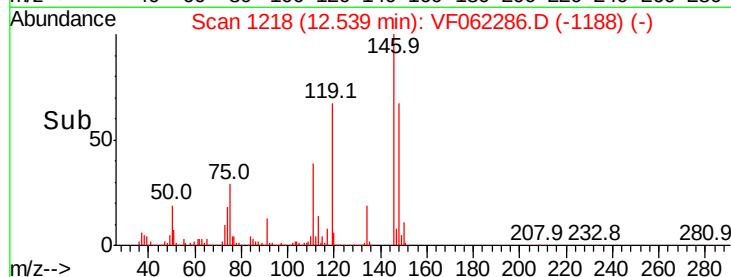
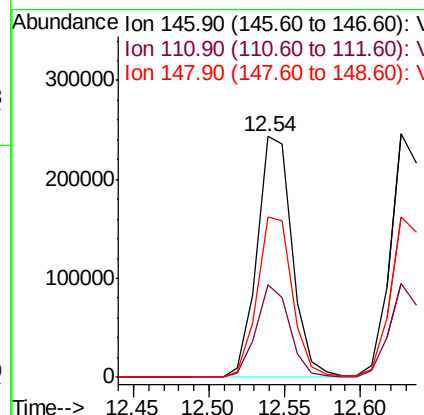
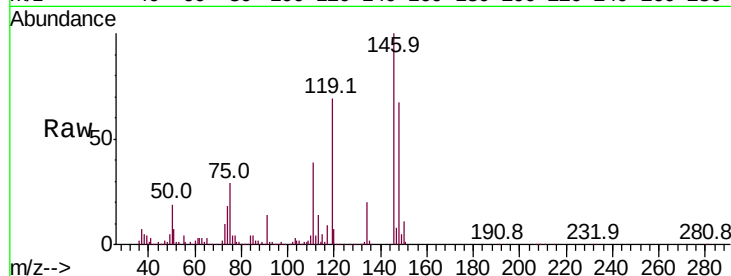
Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

Tot Ion:146 Resp: 397281

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	66.8	32.8	98.4



#88

1,4-Dichlorobenzene

Concen: 51.814 ug/l

RT: 12.63 min Scan# 1227

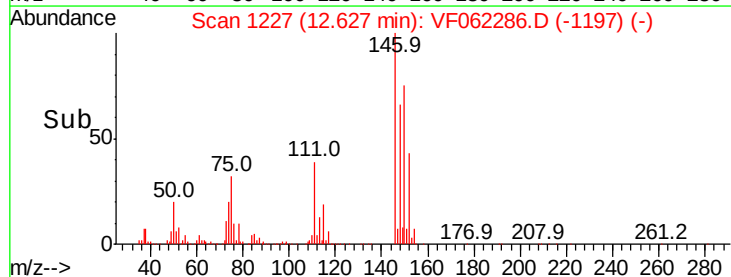
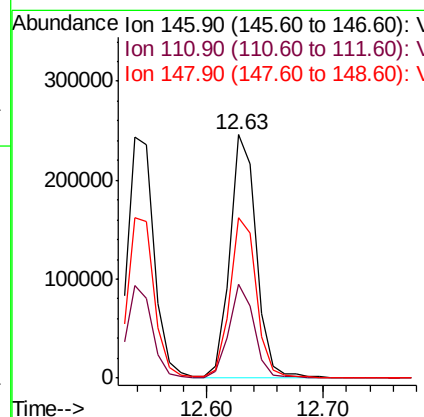
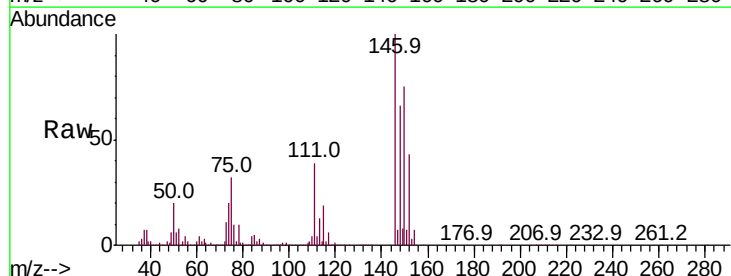
Delta R.T. -0.00 min

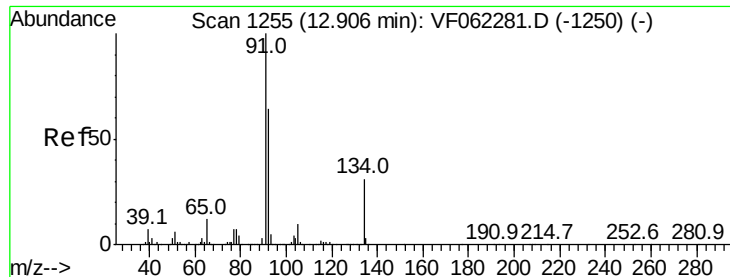
Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Tgt Ion:146 Resp: 385877

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	66.4	32.5	97.5





#89

n-Butylbenzene

Concen: 51.644 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

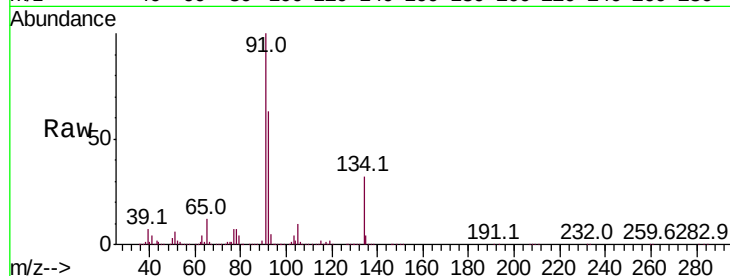
Tot Ion: 91 Resp: 806245

Ion Ratio Lower Upper

91 100

92 61.9 31.1 93.3

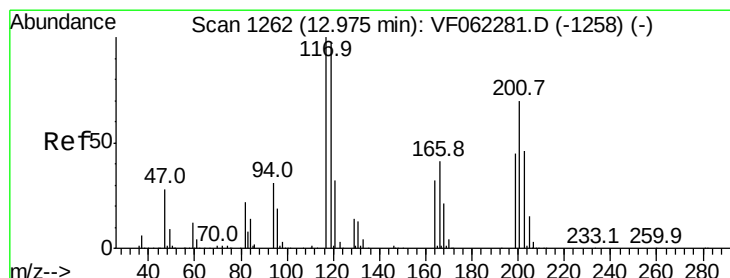
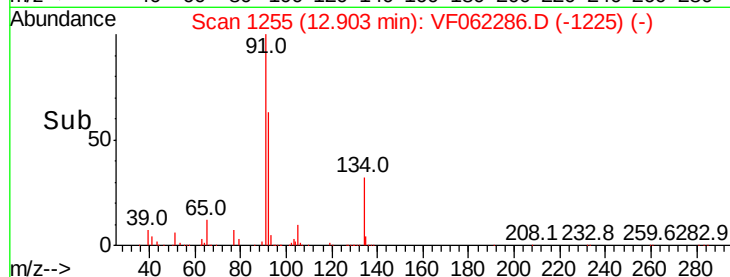
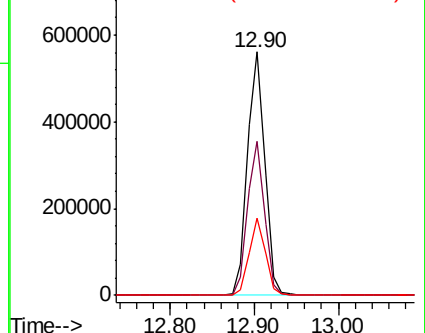
134 29.9 14.4 43.4



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



#90

Hexachloroethane

Concen: 55.680 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VF062286.D

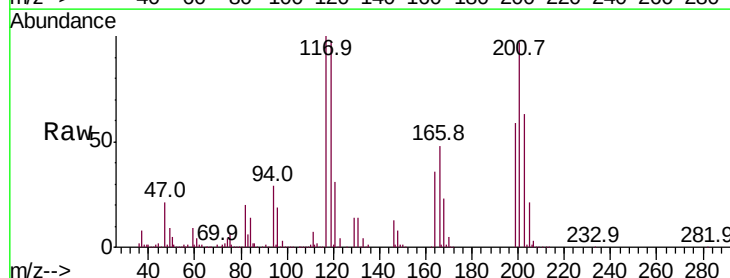
Acq: 24 Apr 2019 17:42

Tgt Ion: 117 Resp: 239805

Ion Ratio Lower Upper

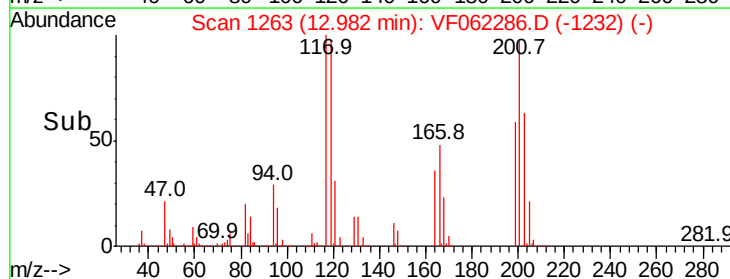
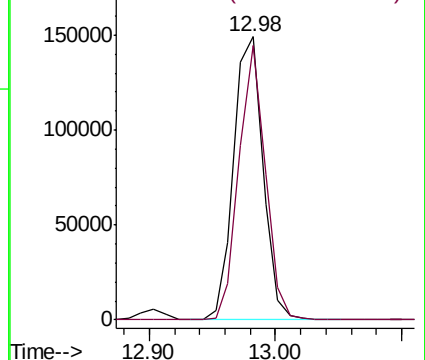
117 100

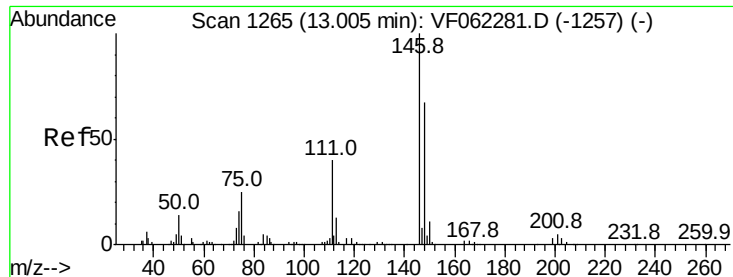
201 87.4 42.9 128.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.842 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

ICVVF042419

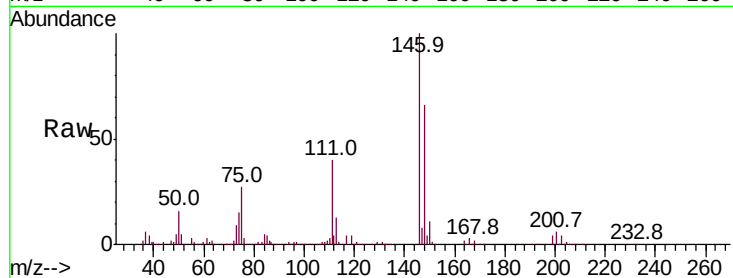
Tot Ion:146 Resp: 390872

Ion Ratio Lower Upper

146 100

111 38.7 20.0 59.9

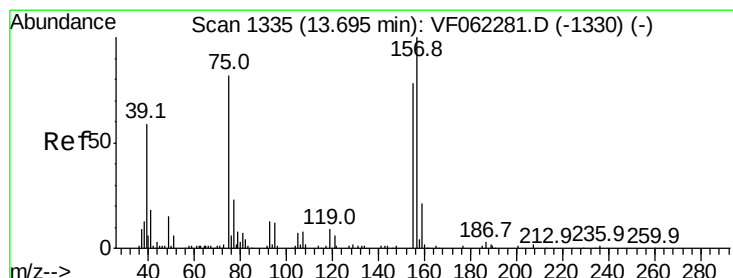
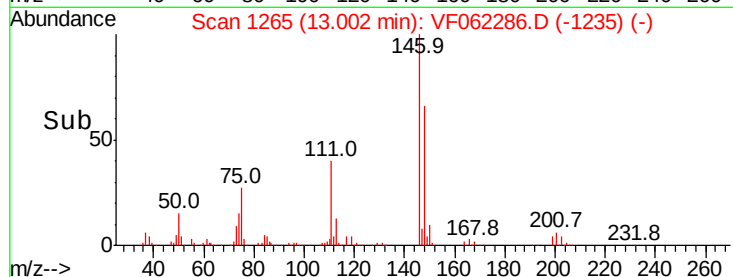
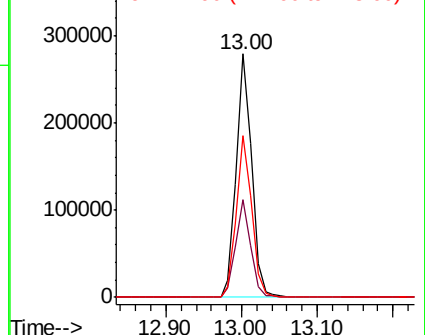
148 66.3 33.1 99.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.843 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VF062286.D

Acq: 24 Apr 2019 17:42

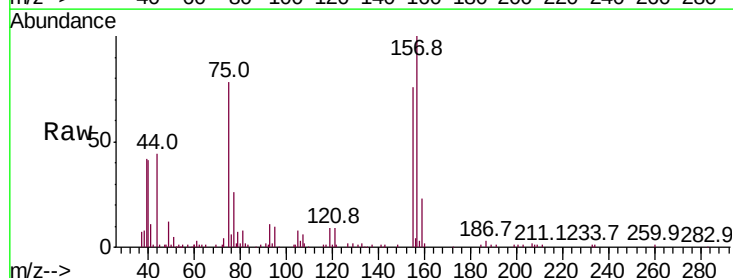
Tgt Ion: 75 Resp: 31786

Ion Ratio Lower Upper

75 100

155 115.8 51.7 155.2

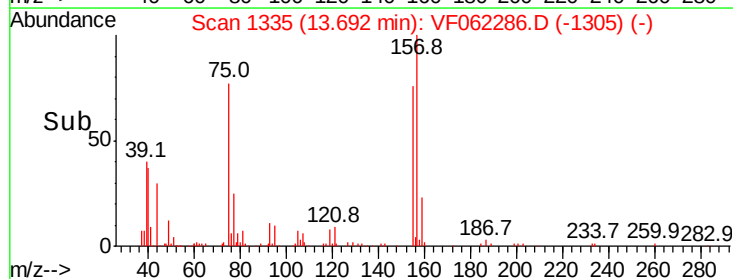
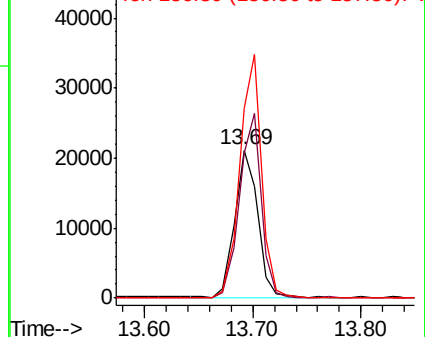
157 152.4 64.5 193.5

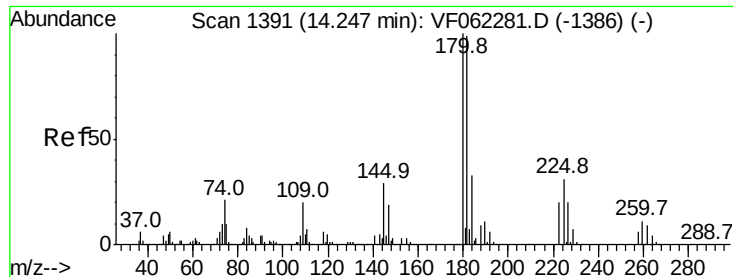


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

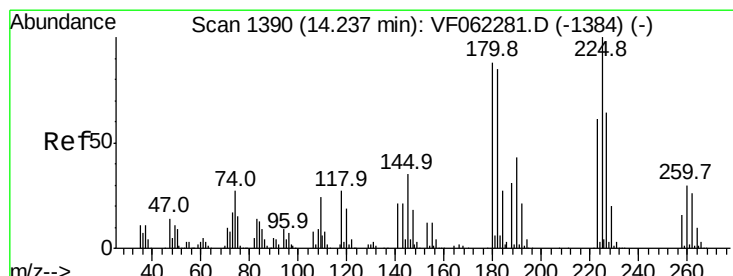
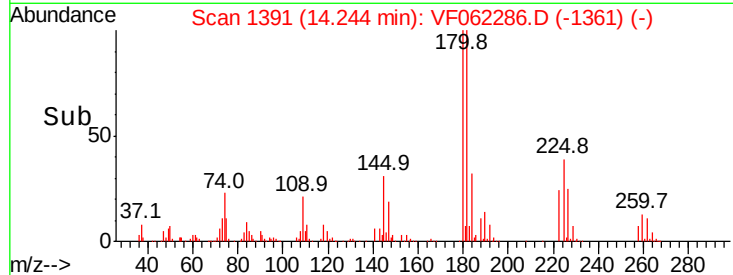
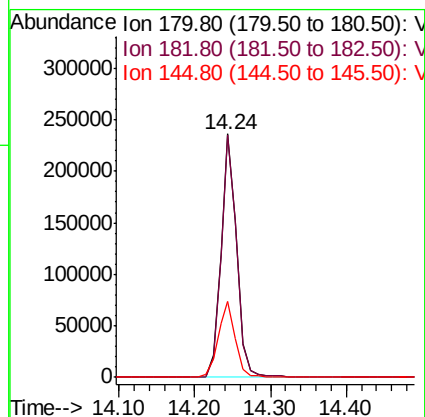
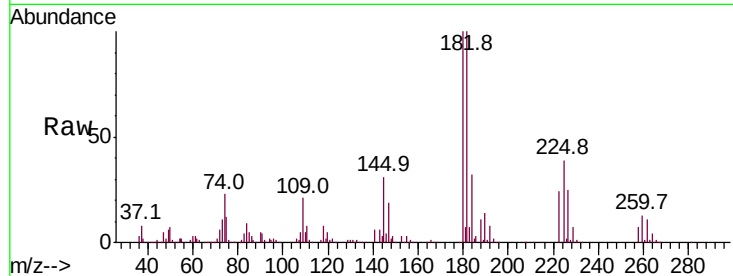




#93
 1,2,4-Trichlorobenzene
 Concen: 51.965 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

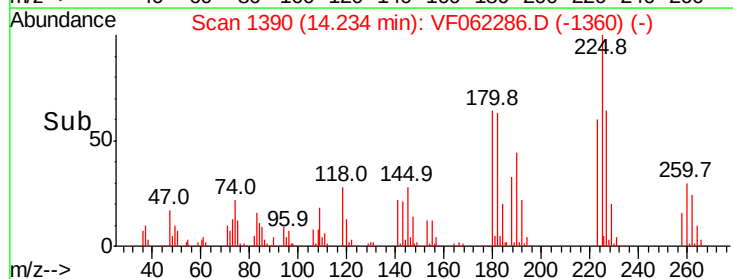
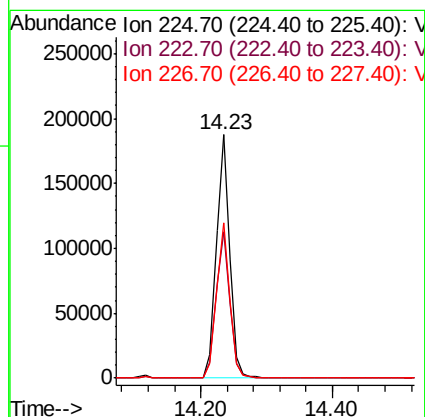
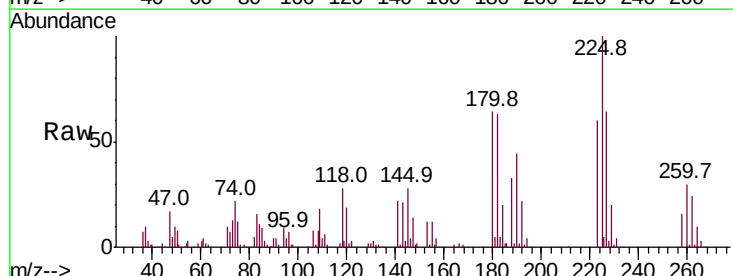
Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF042419

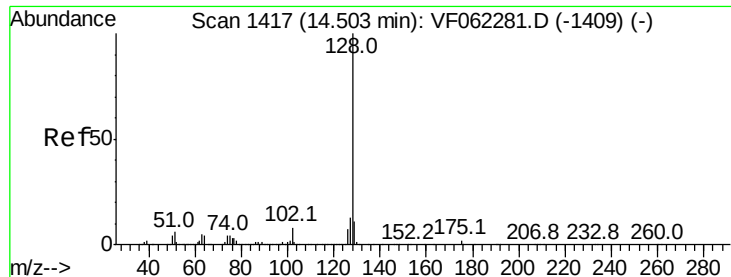
Tot Ion:180 Resp: 344201
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.5 145.6
 145 34.0 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 54.304 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VF062286.D
 Acq: 24 Apr 2019 17:42

Tgt Ion:225 Resp: 258681
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.8 92.3
 227 63.7 31.9 95.5

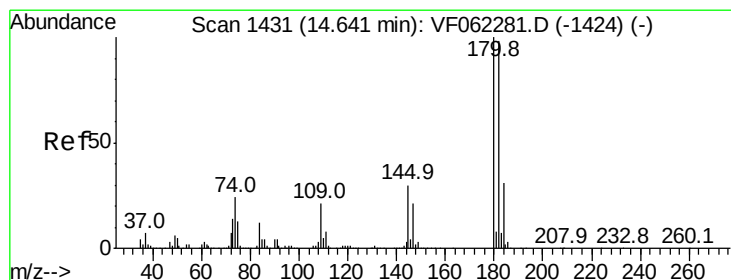
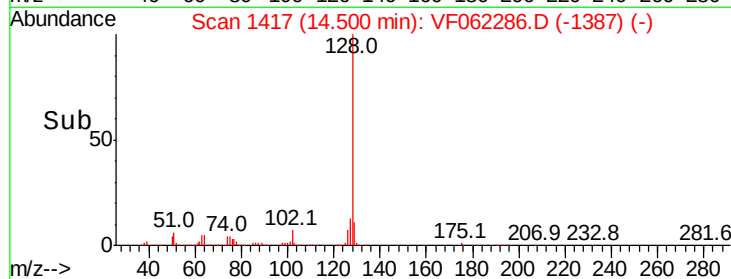
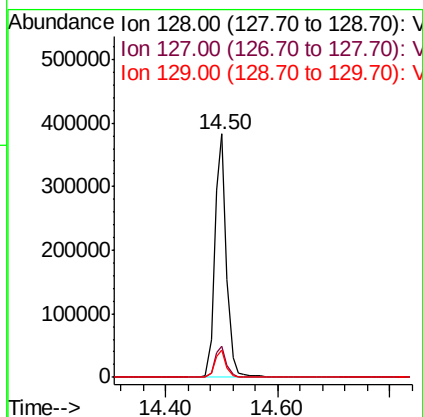
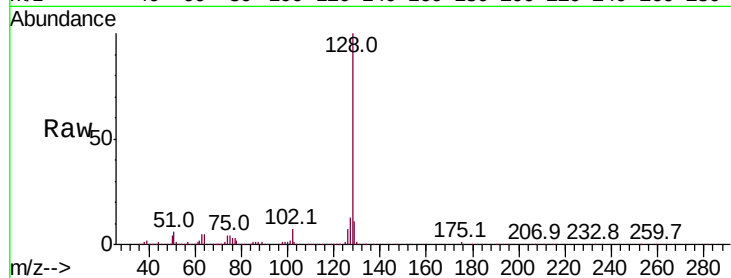




#95
Naphthalene
Concen: 54.753 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
ICVVF042419

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.090 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VF062286.D
Acq: 24 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	49.0	147.2
145	29.3	14.5	43.5

