

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062644.D
 Acq On : 17 May 2019 17:55
 Operator : FY/SY
 Sample : K2894-04
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 18 01:41:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	322	50.00	ug/l	-0.09
34) 1,4-Difluorobenzene	5.68	114	224	50.00	ug/l	-0.11
63) Chlorobenzene-d5	9.75	117	70	50.00	ug/l	-0.17
72) 1,4-Dichlorobenzene-d4	12.64	152	75	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.96	65	305	134.04	ug/l	-0.08
Spiked Amount				50.000		
			Recovery	=	268.08%	
35) Dibromofluoromethane	4.23	113	127	74.09	ug/l	-0.09
Spiked Amount				50.000		
			Recovery	=	148.18%	
50) Toluene-d8	7.59	98	226	55.22	ug/l	-0.13
Spiked Amount				50.000		
			Recovery	=	110.44%	
62) 4-Bromofluorobenzene	11.26	95	429	276.39	ug/l	-0.25
Spiked Amount				50.000		
			Recovery	=	552.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	270	61.617	ug/l #	41
3) Chloromethane	1.08	50	1453	360.116	ug/l	98
4) Vinyl Chloride	1.02	62	397	106.893	ug/l	96
5) Bromomethane	1.34	94	1374	676.248	ug/l #	49
6) Chloroethane	1.50	64	579	424.478	ug/l	92
7) Trichlorofluoromethane	1.51	101	128	25.668	ug/l #	21
8) Diethyl Ether	1.70	74	1346	1362.446	ug/l	62
9) 1,1,2-Trichlorotrifluoroet	1.85	101	81	25.509	ug/l #	19
10) Methyl Iodide	1.94	142	261	41.842	ug/l #	1
11) Tert butyl alcohol	2.63	59	516	3434.859	ug/l #	1
12) 1,1-Dichloroethene	1.84	96	211	72.944	ug/l #	1
13) Acrolein	2.08	56	696	4438.408	ug/l	99
14) Allyl chloride	2.15	41	504	192.515	ug/l #	40
15) Acrylonitrile	3.07	53	587	1385.228	ug/l #	54
16) Acetone	2.31	43	957	1621.169	ug/l	97
17) Carbon Disulfide	1.89	76	357	41.639	ug/l #	1
18) Methyl Acetate	2.26	43	457	492.647	ug/l	92
19) Methyl tert-butyl Ether	2.43	73	2015	389.674	ug/l	92
20) Methylene Chloride	2.28	84	300	101.388	ug/l #	63
21) trans-1,2-Dichloroethene	2.40	96	491	173.664	ug/l #	30
22) Diisopropyl ether	2.90	45	1282	198.547	ug/l #	1
23) Vinyl Acetate	3.28	43	2427	557.204	ug/l #	73
24) 1,1-Dichloroethane	2.99	63	156	32.934	ug/l #	1
25) 2-Butanone	4.46	43	800	634.314	ug/l	91
26) 2,2-Dichloropropane	3.77	77	1253	462.323	ug/l	89
27) cis-1,2-Dichloroethene	3.57	96	496	106.652	ug/l	24
28) Bromochloromethane	3.84	49	250	94.105	ug/l #	3
29) Tetrahydrofuran	4.22	42	1669	3270.203	ug/l #	39
30) Chloroform	3.94	83	598	90.928	ug/l	91
31) Cyclohexane	3.80	56	811	127.513	ug/l #	41
32) 1,1,1-Trichloroethane	4.24	97	383	87.690	ug/l #	64
36) 1,1-Dichloropropene	4.53	75	270	117.631	ug/l	80
37) Ethyl Acetate	4.22	43	551	587.935	ug/l #	47
38) Carbon Tetrachloride	4.11	117	381	220.710	ug/l #	12

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 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	5.55	83	164	59.381	ug/l #	1
40) Benzene	4.73	78	843	134.814	ug/l #	1
41) Methacrylonitrile	4.84	41	860	1750.328	ug/l #	50
42) 1,2-Dichloroethane	5.05	62	170	136.332	ug/l	71
43) Isopropyl Acetate	6.99	43	1635	1346.621	ug/l #	68
44) Trichloroethene	5.56	130	108	61.453	ug/l	1
45) 1,2-Dichloropropane	6.29	63	155	98.195	ug/l #	42
46) Dibromomethane	6.16	93	200	219.238	ug/l #	3
47) Bromodichloromethane	6.41	83	218	115.110	ug/l #	63
48) Methyl methacrylate	6.74	41	669	1054.183	ug/l #	46
49) 1,4-Dioxane	6.76	88	151	18577.516	ug/l #	1
51) 4-Methyl-2-Pentanone	8.23	43	1961	2362.884	ug/l	89
52) Toluene	7.79	92	65	19.821	ug/l	86
53) t-1,3-Dichloropropene	8.24	75	1405	906.807	ug/l #	67
54) cis-1,3-Dichloropropene	7.33	75	382	176.128	ug/l #	78
55) 1,1,2-Trichloroethane	8.45	97	371	382.088	ug/l #	59
56) Ethyl methacrylate	8.65	69	2070	1789.416	ug/l #	13
57) 1,3-Dichloropropane	8.82	76	72	43.534	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.30	63	331	879.058	ug/l #	51
59) 2-Hexanone	9.48	43	878	1731.712	ug/l	79
60) Dibromochloromethane	8.56	129	75	59.265	ug/l	69
61) 1,2-Dibromoethane	9.09	107	137	132.838	ug/l	99
64) Tetrachloroethene	8.33	164	271	488.677	ug/l #	15
65) Chlorobenzene	9.95	112	400	290.937	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.09	131	78	141.321	ug/l #	18
67) Ethyl Benzene	10.04	91	928	388.538	ug/l #	54
68) m/p-Xylenes	10.29	106	254	282.951	ug/l #	32
69) o-Xylene	10.91	106	186	201.164	ug/l	73
70) Styrene	10.88	104	369	262.565	ug/l #	25
71) Bromoform	10.88	173	182	658.394	ug/l #	27
73) Isopropylbenzene	11.24	105	422	78.506	ug/l	97
74) N-amyl acetate	11.48	43	1236	1006.999	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	11.76	83	149	135.636	ug/l #	78
76) 1,2,3-Trichloropropane	11.72	75	272	376.834	ug/l	89
77) Bromobenzene	11.64	156	70	52.389	ug/l #	1
78) n-propylbenzene	11.79	91	408	64.135	ug/l	100
79) 2-Chlorotoluene	11.79	91	408	113.802	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.98	105	296	68.674	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.98	75	520	1620.712	ug/l #	65
82) 4-Chlorotoluene	12.09	91	715	202.238	ug/l	80
83) tert-Butylbenzene	12.22	119	273	62.429	ug/l #	58
84) 1,2,4-Trimethylbenzene	12.29	105	199	47.702	ug/l	99
85) sec-Butylbenzene	12.36	105	403	68.671	ug/l #	54
86) p-Isopropyltoluene	12.45	119	610	123.338	ug/l	93
87) 1,3-Dichlorobenzene	12.56	146	69	28.543	ug/l #	23
88) 1,4-Dichlorobenzene	12.66	146	238	104.914	ug/l #	24
89) n-Butylbenzene	12.91	91	526	107.869	ug/l #	30
90) Hexachloroethane	13.11	117	116	97.773	ug/l	98
91) 1,2-Dichlorobenzene	12.95	146	79	36.662	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.80	75	85	648.605	ug/l	89

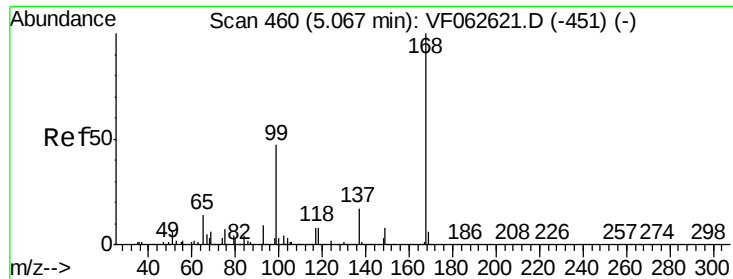
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	74	47.976	ug/l #	11
94) Hexachlorobutadiene	14.22	225	192	178.371	ug/l #	16
95) Naphthalene	14.51	128	120	42.825	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.63	180	93	63.655	ug/l #	37

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

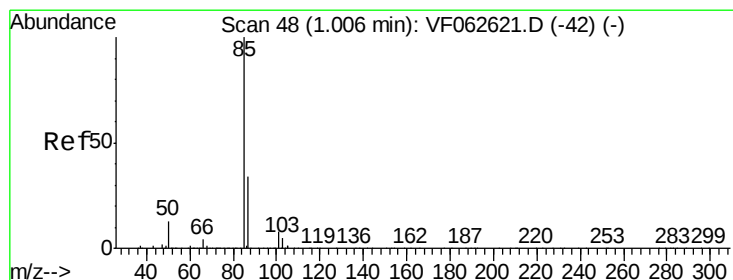
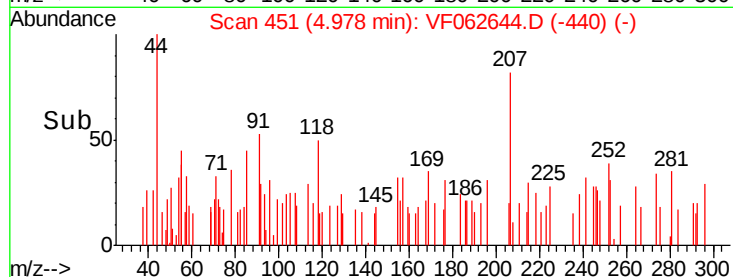
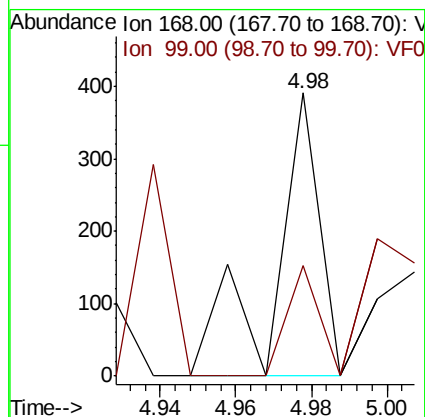
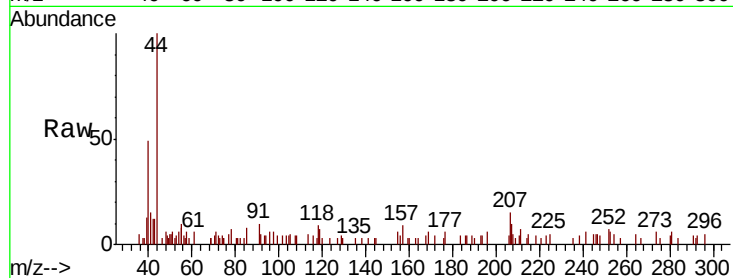


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.98 min Scan# 451
 Delta R.T. -0.09 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Instrument :
 MSVOA_F
 ClientSampleId :

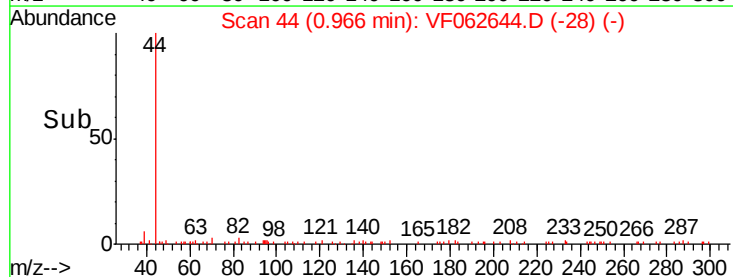
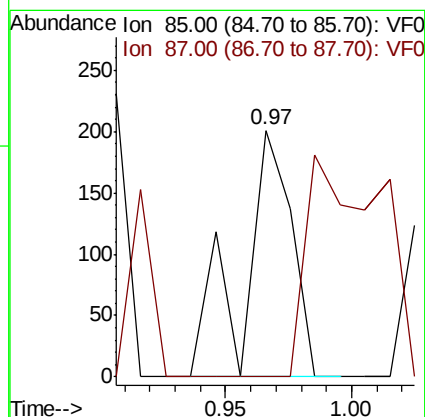
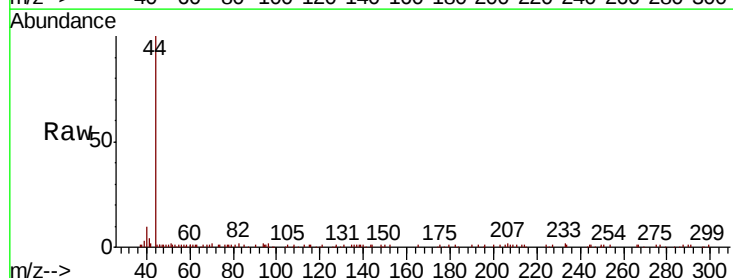
Tot Ion:168 Resp: 322
 Ion Ratio Lower Upper
 168 100
 99 39.1 37.8 56.8

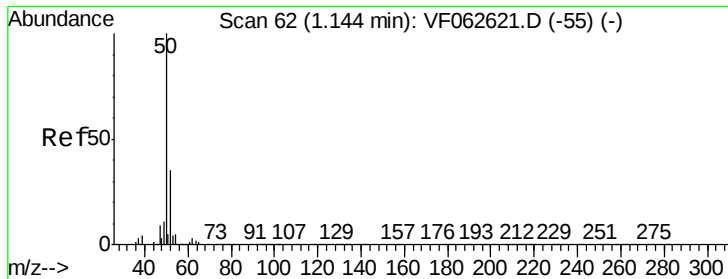


#2

Dichlorodifluoromethane
 Concen: 61.617 ug/l
 RT: 0.97 min Scan# 44
 Delta R.T. -0.04 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Tgt Ion: 85 Resp: 270
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.8 50.3#





#3

Chloromethane

Concen: 360.116 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.06 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

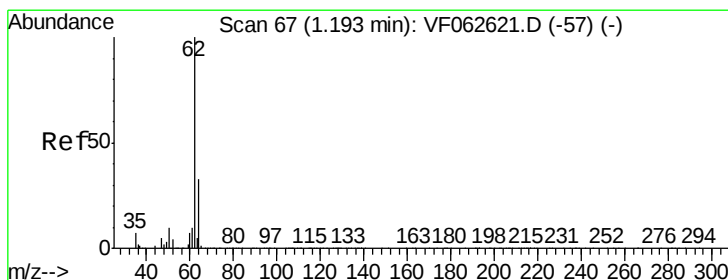
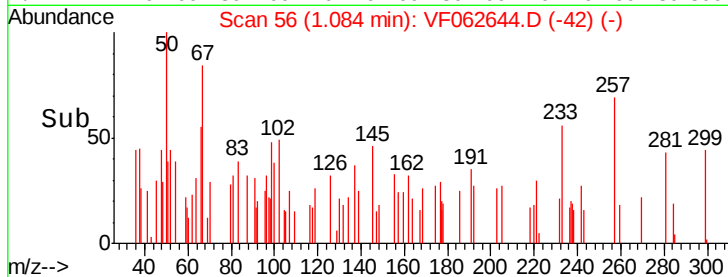
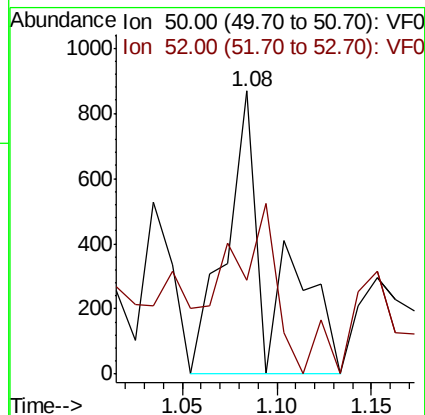
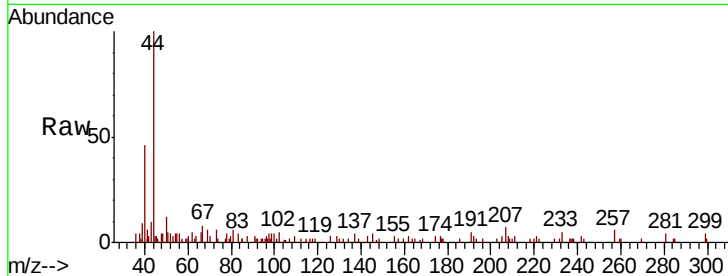
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 1453

Ion Ratio Lower Upper

50 100

52 33.4 27.5 41.3



#4

Vinyl Chloride

Concen: 106.893 ug/l

RT: 1.02 min Scan# 50

Delta R.T. -0.17 min

Lab File: VF062644.D

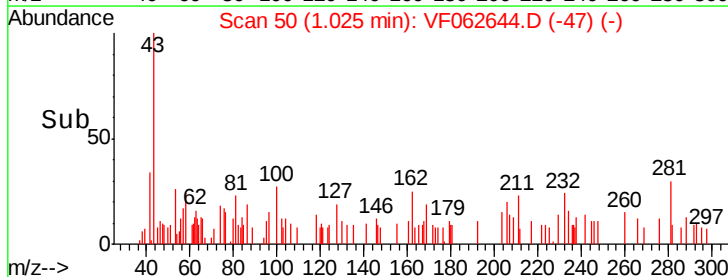
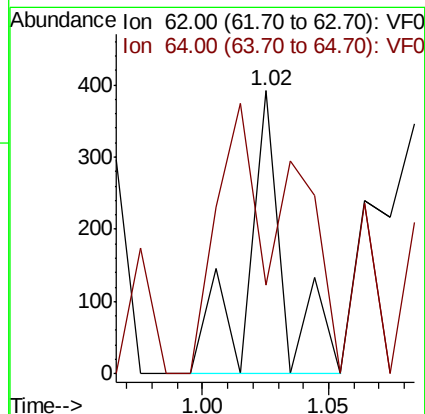
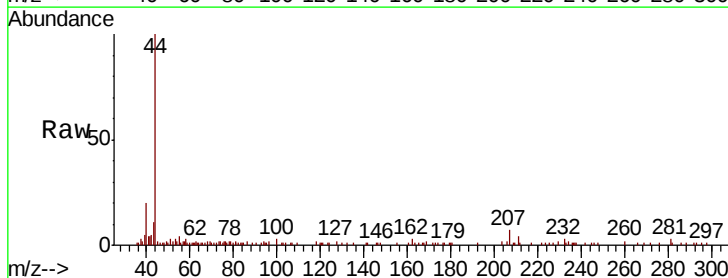
Acq: 17 May 2019 17:55

Tgt Ion: 62 Resp: 397

Ion Ratio Lower Upper

62 100

64 31.4 26.7 40.1





#5

Bromomethane

Concen: 676.248 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.06 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

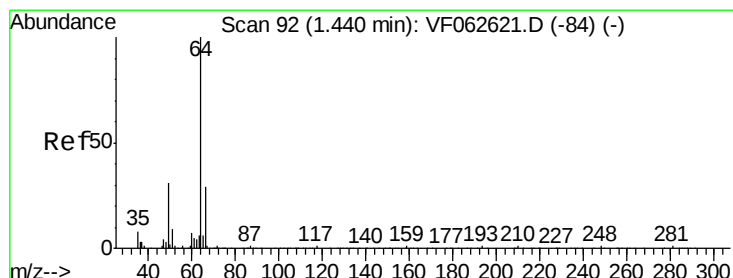
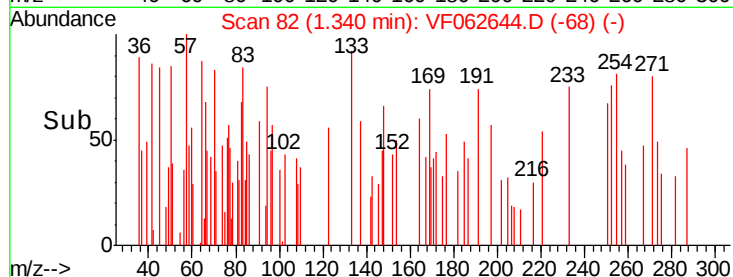
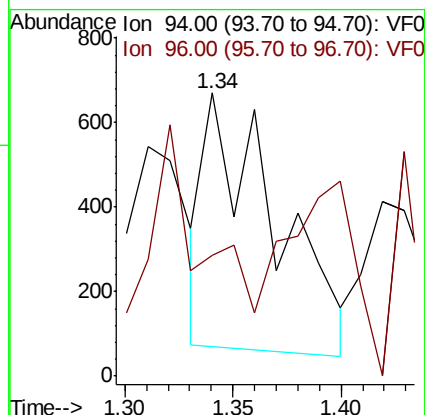
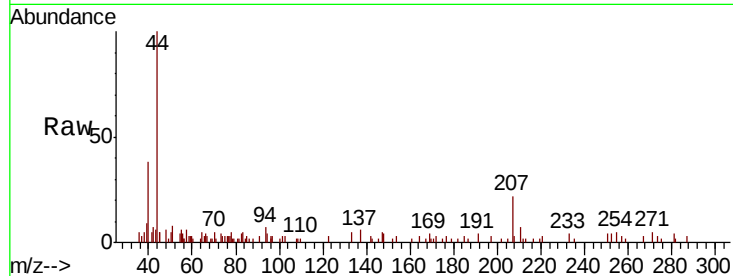
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 1374

Ion Ratio Lower Upper

94 100

96 42.5 73.2 109.8#



#6

Chloroethane

Concen: 424.478 ug/l

RT: 1.50 min Scan# 98

Delta R.T. 0.06 min

Lab File: VF062644.D

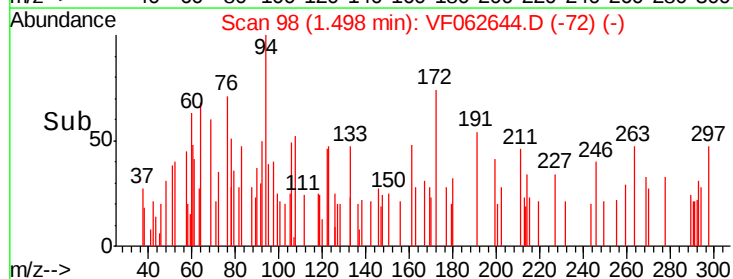
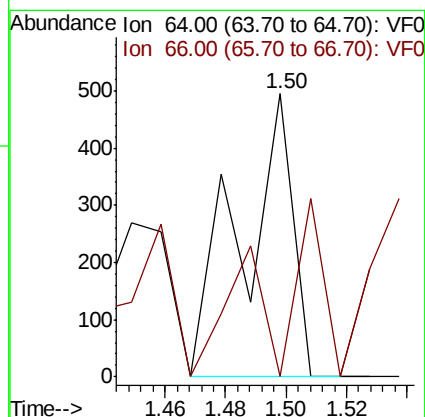
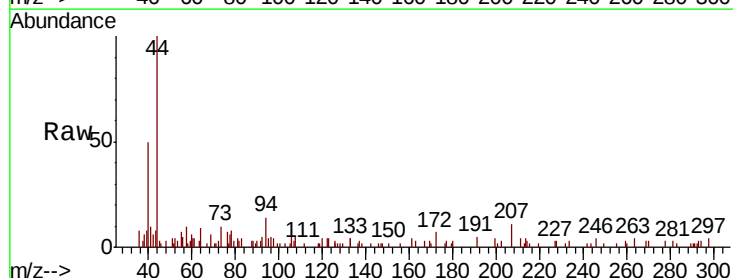
Acq: 17 May 2019 17:55

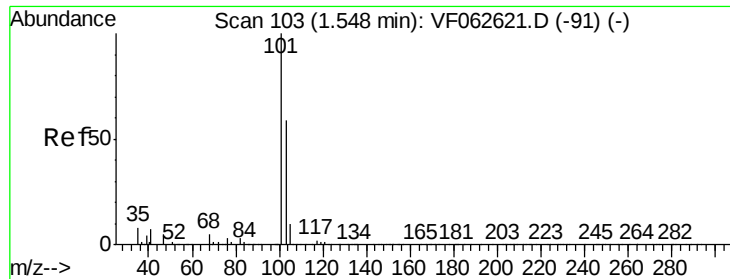
Tgt Ion: 64 Resp: 579

Ion Ratio Lower Upper

64 100

66 25.3 23.4 35.2



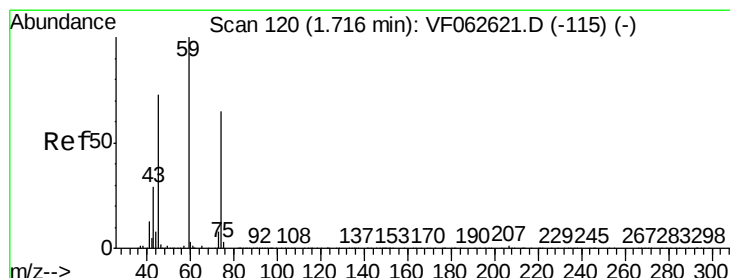
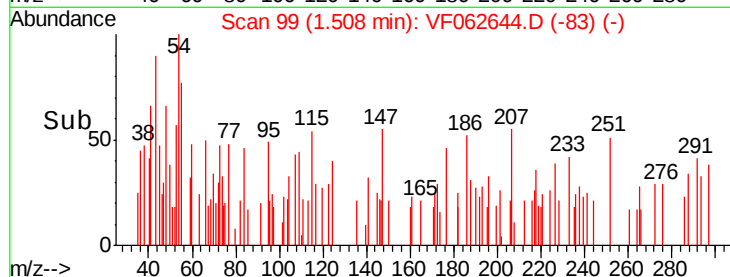
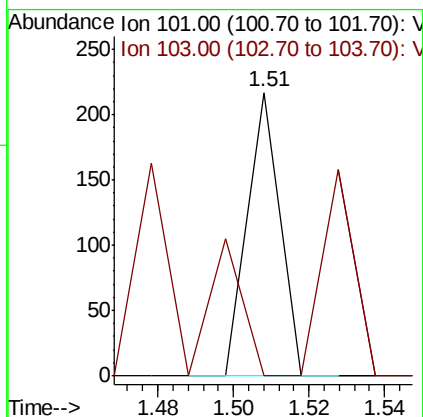
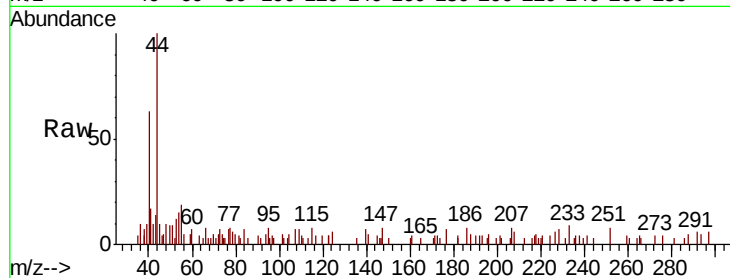


#7

Trichlorofluoromethane
Concen: 25.668 ug/l
RT: 1.51 min Scan# 99
Delta R.T. -0.04 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Instrument :
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ClientSampleId :

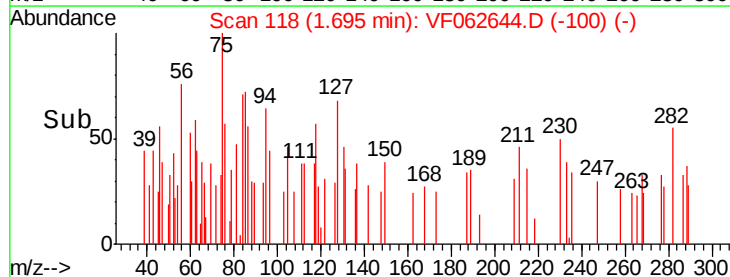
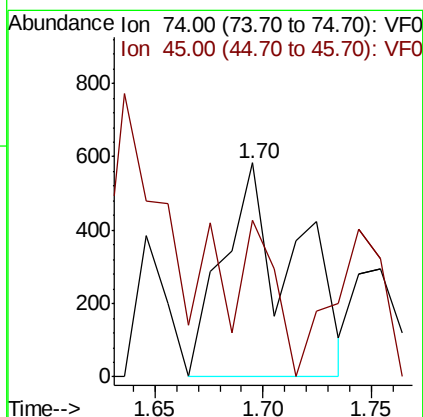
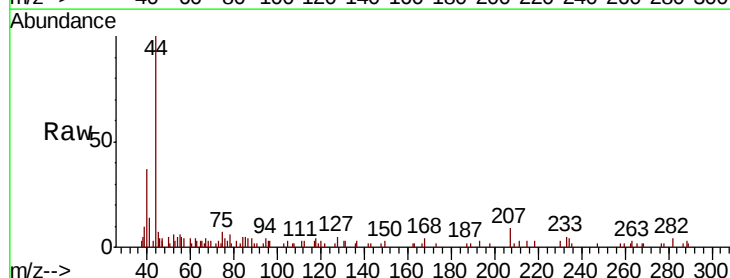
Tot Ion:101 Resp: 128
Ion Ratio Lower Upper
101 100
103 0.0 47.3 70.9#

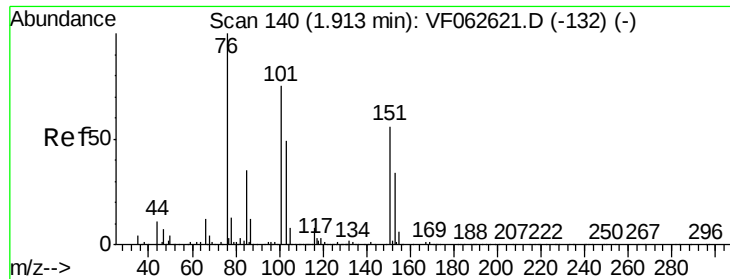


#8

Diethyl Ether
Concen: 1362.446 ug/l
RT: 1.70 min Scan# 118
Delta R.T. -0.02 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion: 74 Resp: 1346
Ion Ratio Lower Upper
74 100
45 73.1 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.509 ug/l

RT: 1.85 min Scan# 134

Delta R.T. -0.06 min

Lab File: VF062644.D

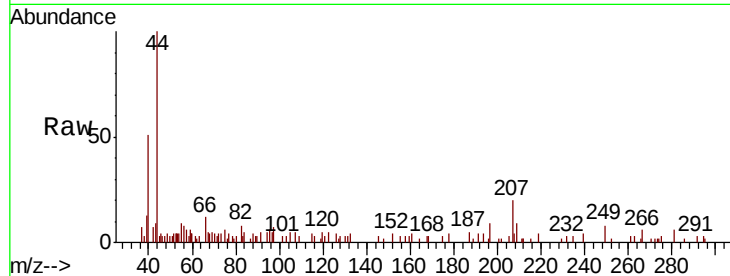
Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampled :

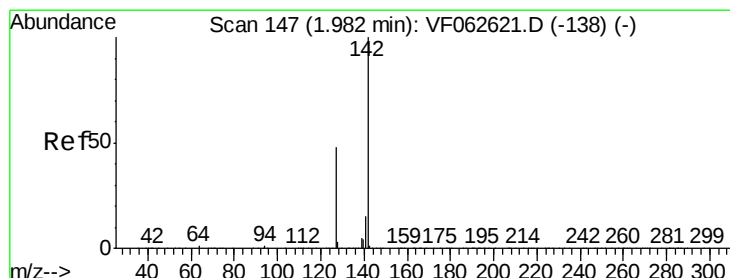
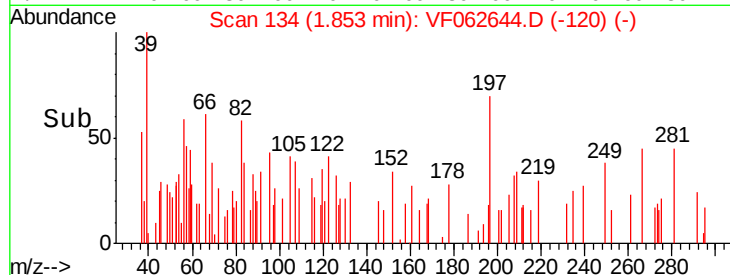
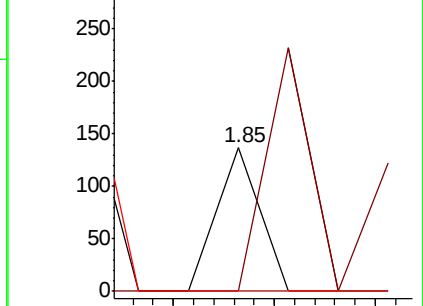
Tot Ion:	101	Resp:	81
Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.1	55.7#
151	0.0	58.8	88.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 41.842 ug/l

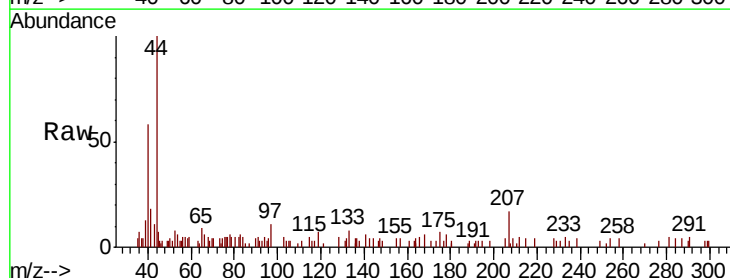
RT: 1.94 min Scan# 143

Delta R.T. -0.04 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

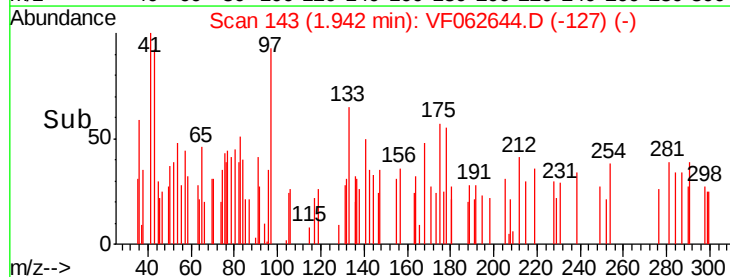
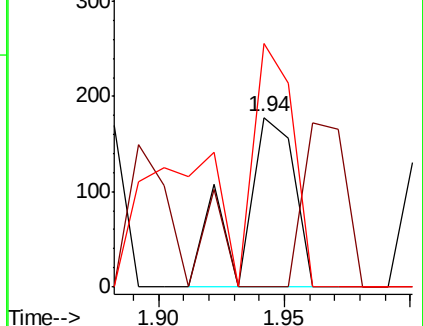
Tgt Ion:	142	Resp:	261
Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.1	57.1#
141	143.8	11.7	17.5#

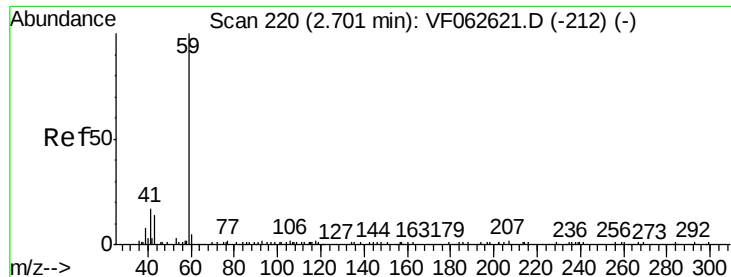


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

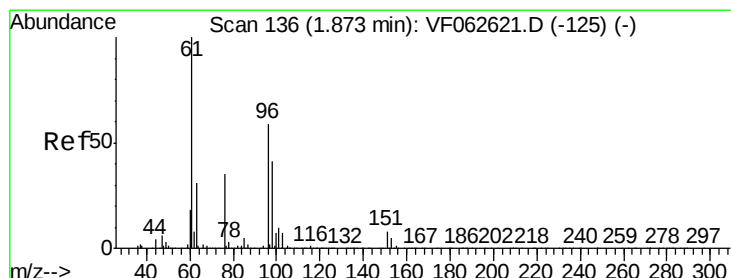
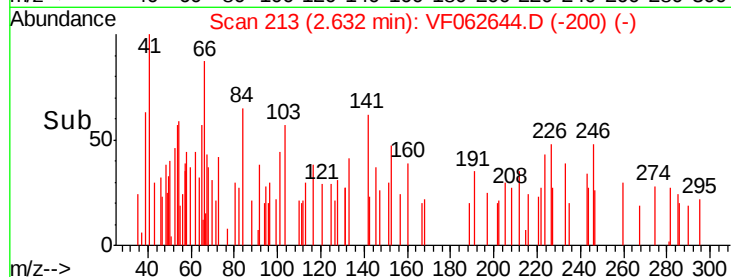
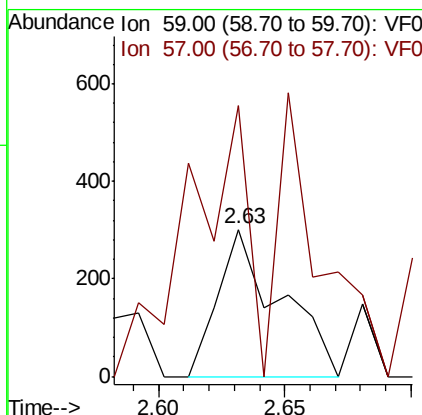
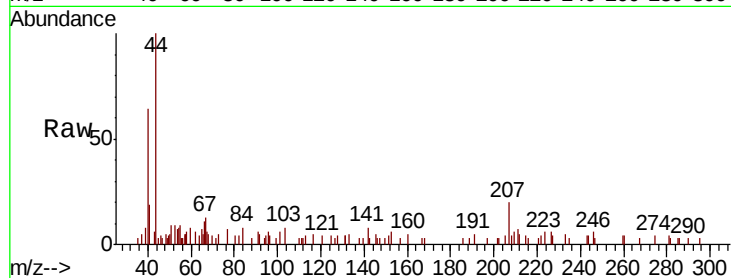




#11
Tert butyl alcohol
Concen: 3434.859 ug/l
RT: 2.63 min Scan# 213
Delta R.T. -0.07 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

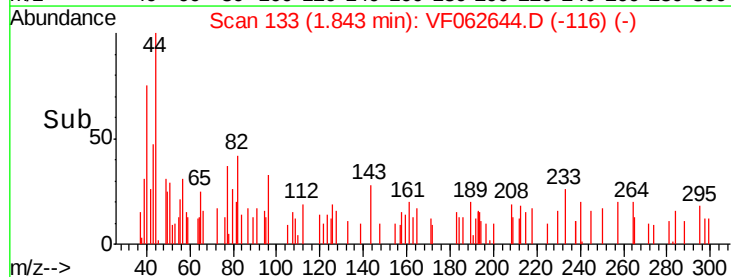
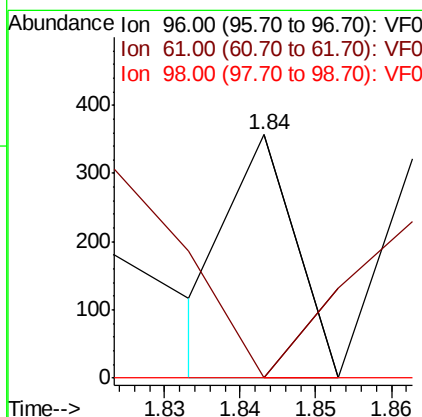
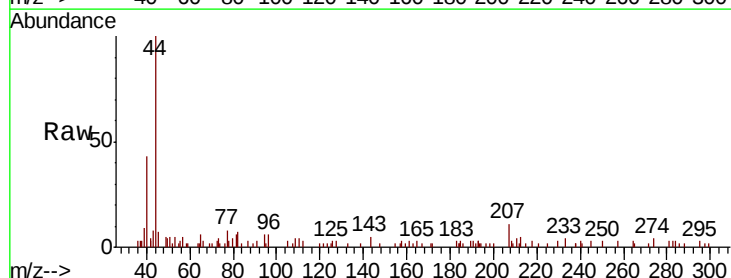
Instrument :
MSVOA_F
ClientSampleId :

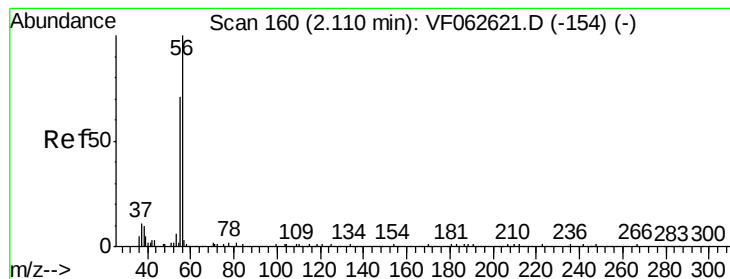
Tot Ion: 59 Resp: 516
Ion Ratio Lower Upper
59 100
57 183.8 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 72.944 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.03 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion: 96 Resp: 211
Ion Ratio Lower Upper
96 100
61 0.0 134.3 201.5#
98 0.0 55.0 82.6#





#13

Acrolein

Concen: 4438.408 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

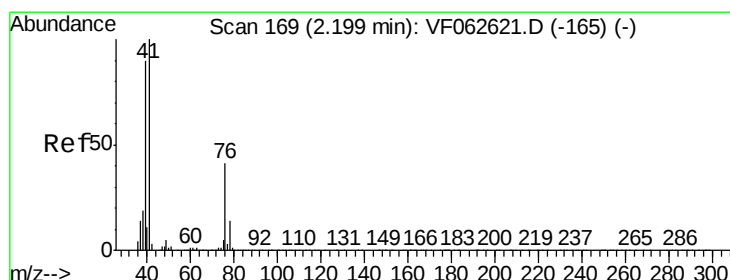
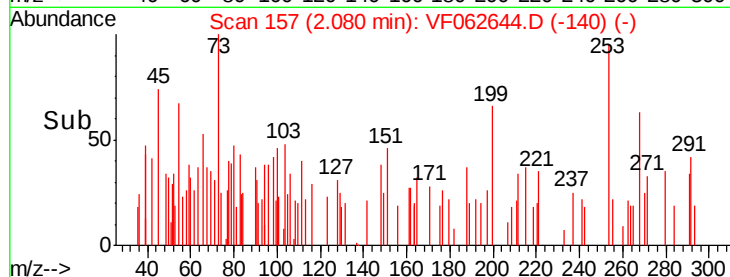
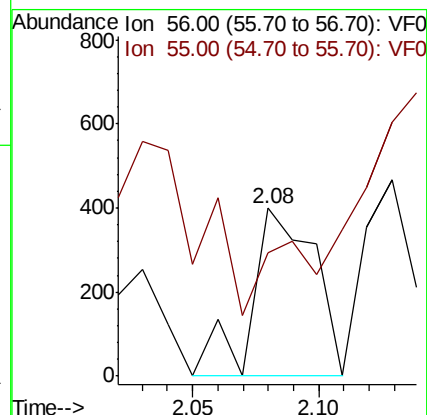
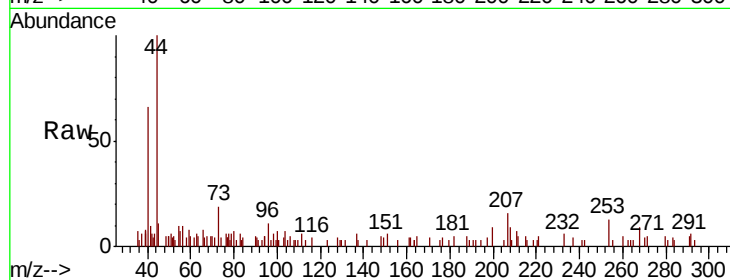
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 696

Ion Ratio Lower Upper

56 100

55 73.3 59.4 89.0



#14

Allyl chloride

Concen: 192.515 ug/l

RT: 2.15 min Scan# 164

Delta R.T. -0.05 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

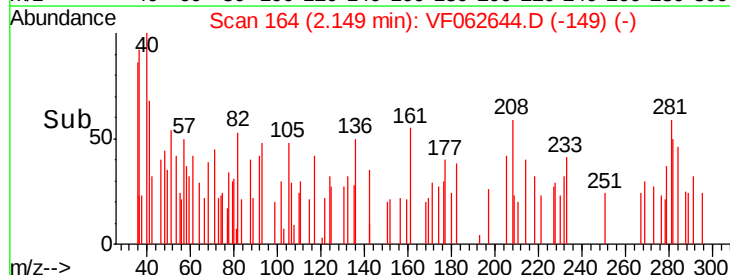
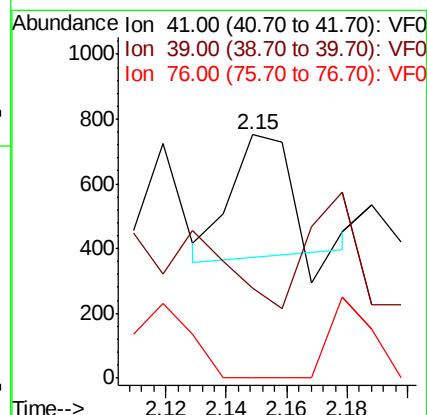
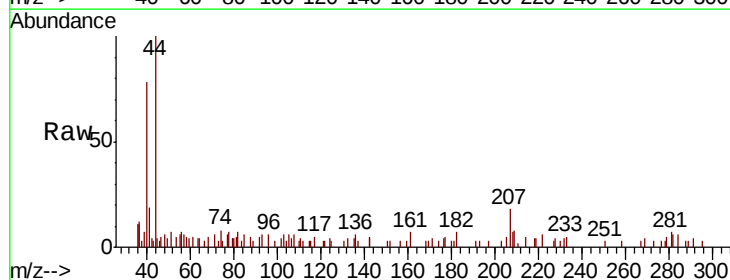
Tgt Ion: 41 Resp: 504

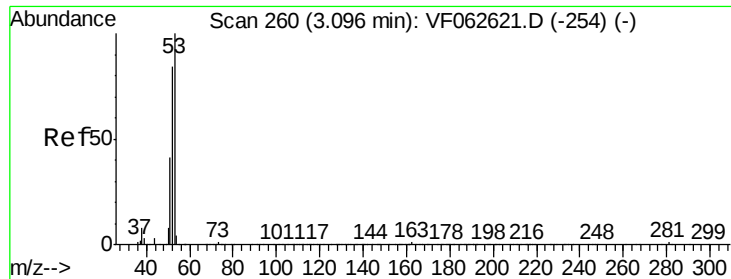
Ion Ratio Lower Upper

41 100

39 37.1 72.0 108.0#

76 0.0 34.8 52.2#





#15

Acrylonitrile

Concen: 1385.228 ug/l

RT: 3.07 min Scan# 257

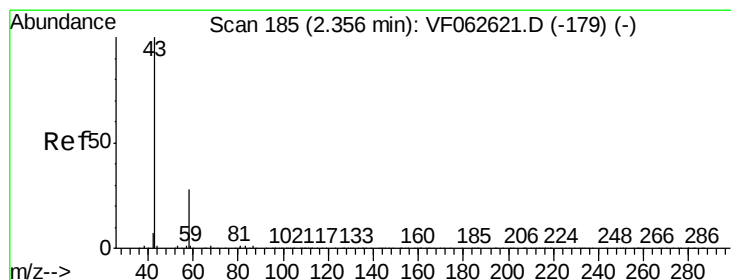
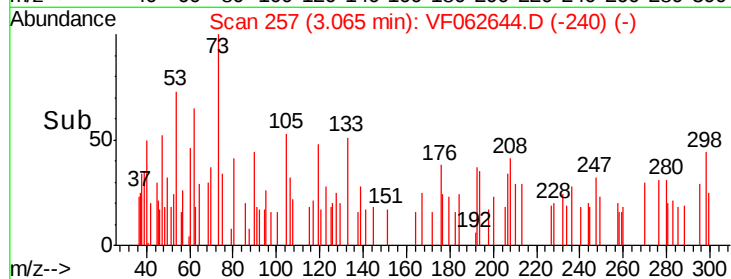
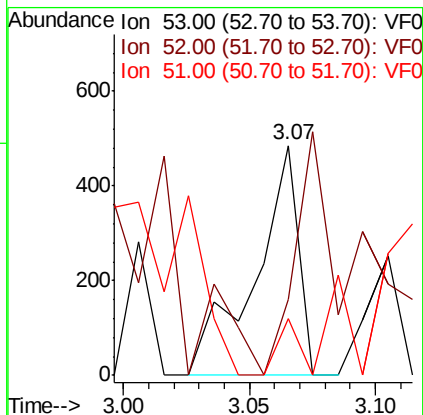
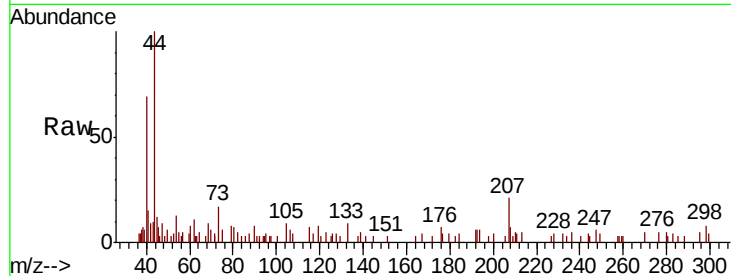
Delta R.T. -0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	53	Resp:	587
Ion	Ratio	Lower	Upper
53	100		
52	32.9	67.3	100.9#
51	24.9	33.0	49.6#



#16

Acetone

Concen: 1621.169 ug/l

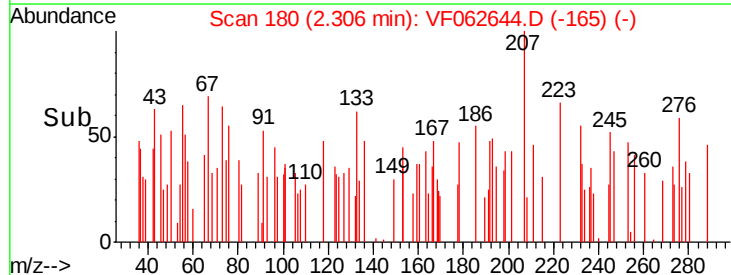
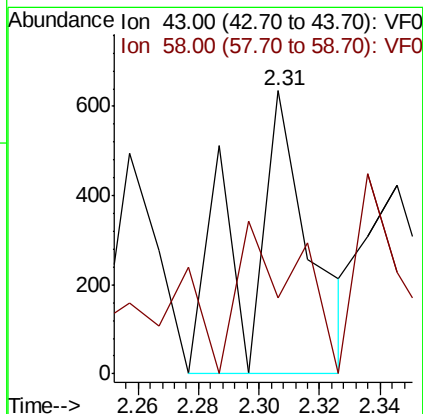
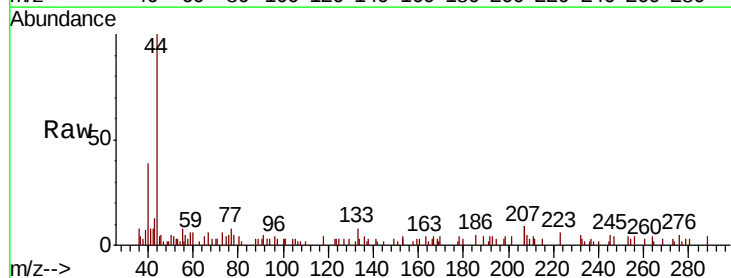
RT: 2.31 min Scan# 180

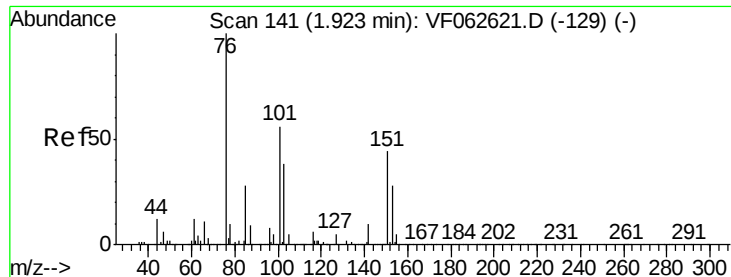
Delta R.T. -0.05 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	43	Resp:	957
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.6	33.8





#17

Carbon Disulfide

Concen: 41.639 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

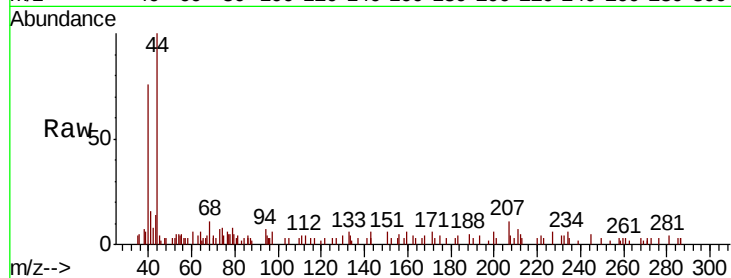
ClientSampleId :

Tot Ion: 76 Resp: 357

Ion Ratio Lower Upper

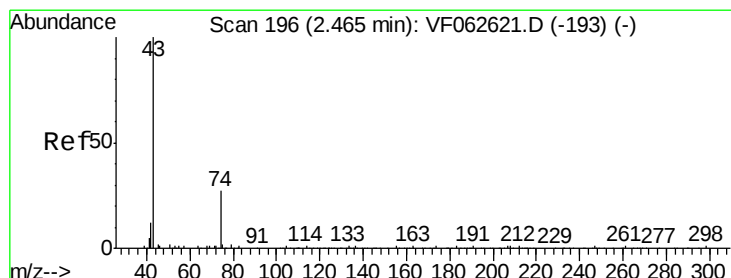
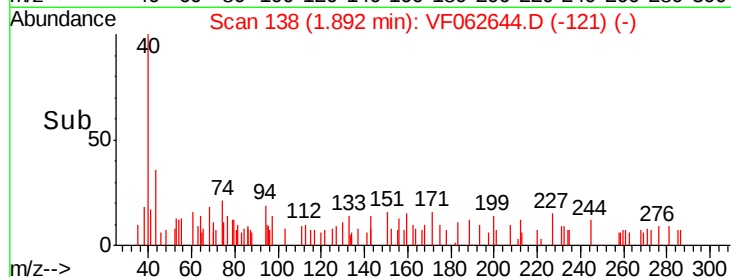
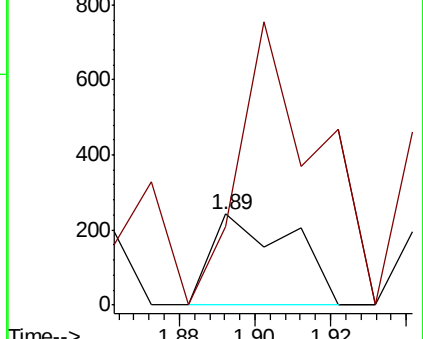
76 100

78 86.4 8.4 12.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 492.647 ug/l

RT: 2.26 min Scan# 175

Delta R.T. -0.21 min

Lab File: VF062644.D

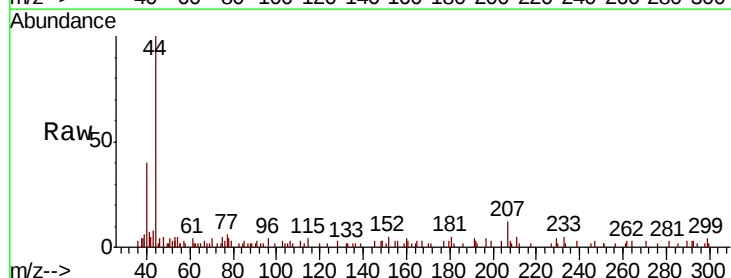
Acq: 17 May 2019 17:55

Tgt Ion: 43 Resp: 457

Ion Ratio Lower Upper

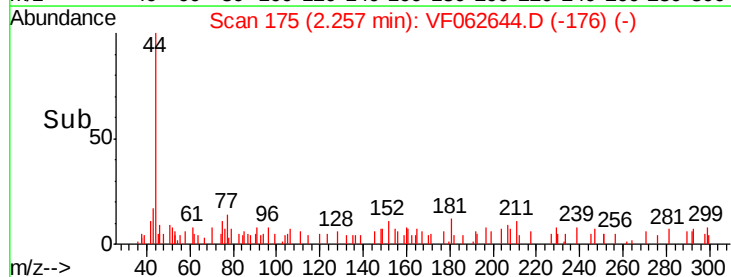
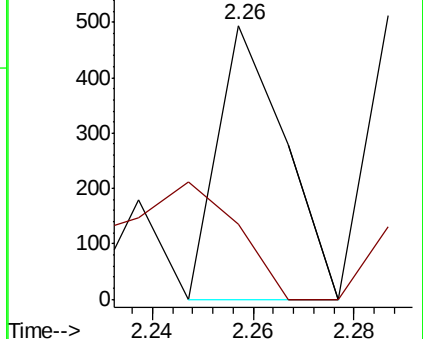
43 100

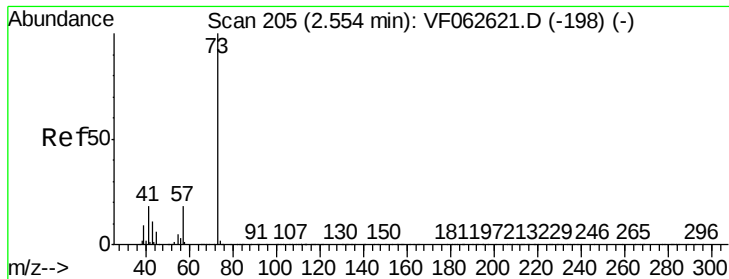
74 27.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

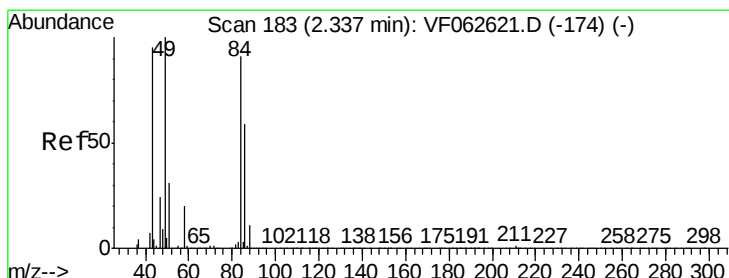
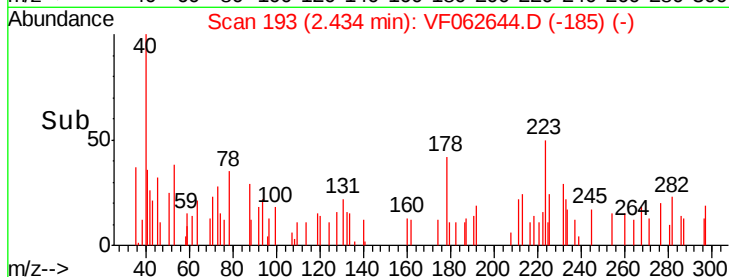
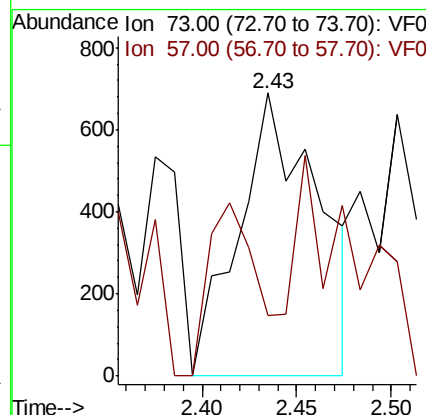
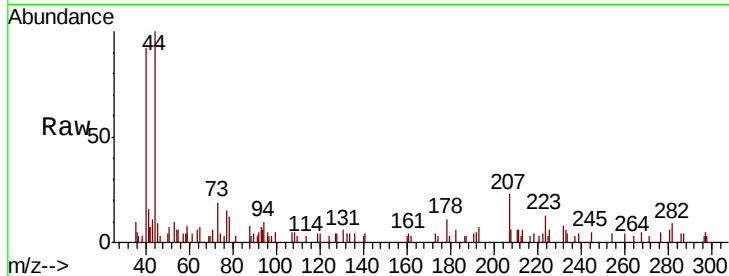




#19
Methyl tert-butyl Ether
Concen: 389.674 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.12 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

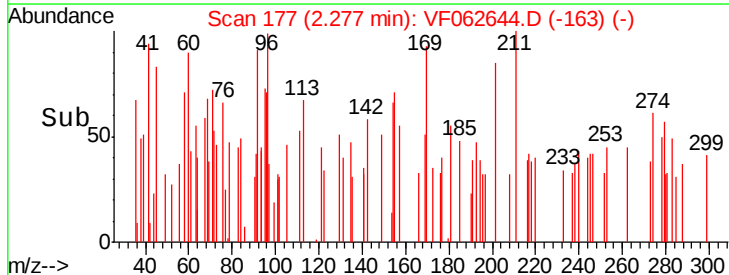
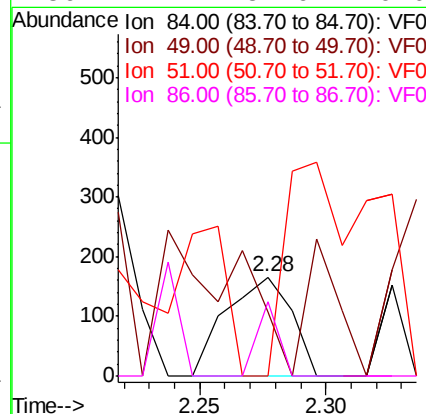
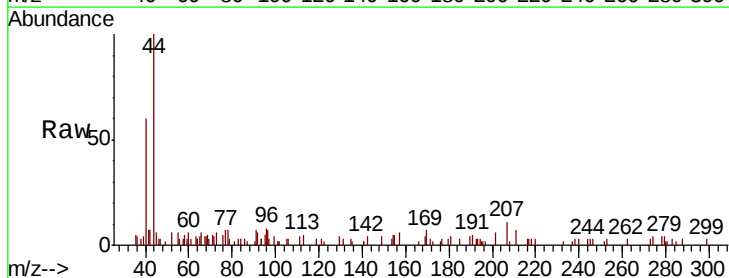
Instrument :
MSVOA_F
ClientSampleId :

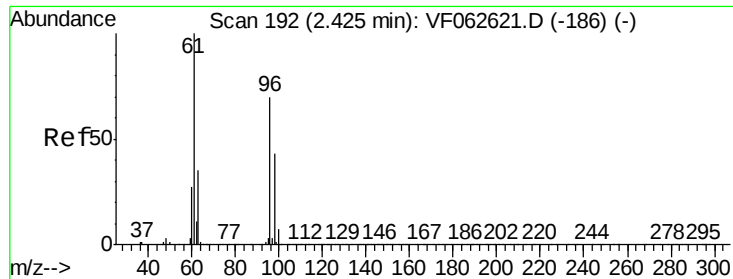
Tot Ion: 73 Resp: 2015
Ion Ratio Lower Upper
73 100
57 21.3 14.2 21.4



#20
Methylene Chloride
Concen: 101.388 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.06 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion: 84 Resp: 300
Ion Ratio Lower Upper
84 100
49 65.1 89.8 134.8#
51 0.0 28.4 42.6#
86 74.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 173.664 ug/l

RT: 2.40 min Scan# 189

Delta R.T. -0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :

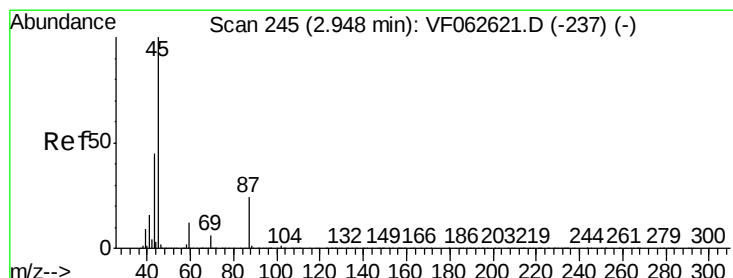
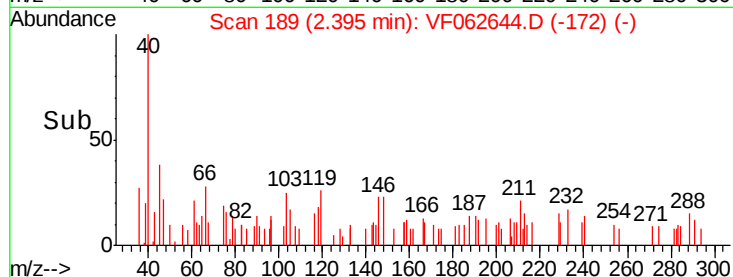
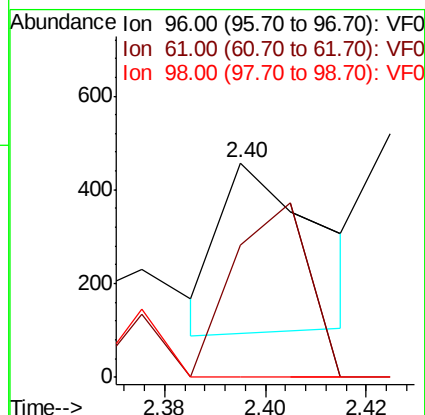
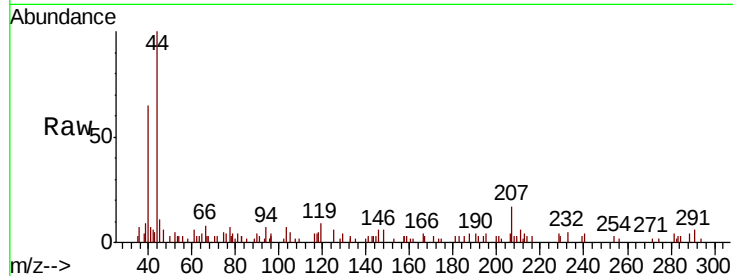
Tot Ion: 96 Resp: 491

Ion Ratio Lower Upper

96 100

61 61.6 114.6 171.8#

98 0.0 49.5 74.3#



#22

Diisopropyl ether

Concen: 198.547 ug/l

RT: 2.90 min Scan# 240

Delta R.T. -0.05 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion: 45 Resp: 1282

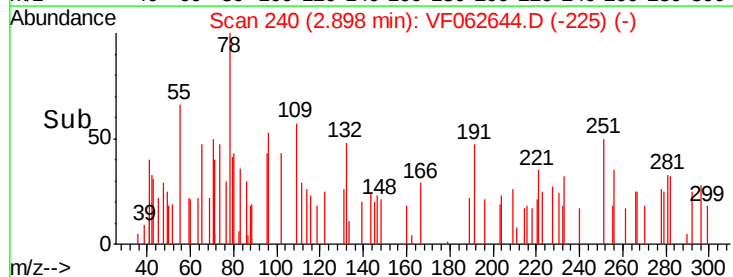
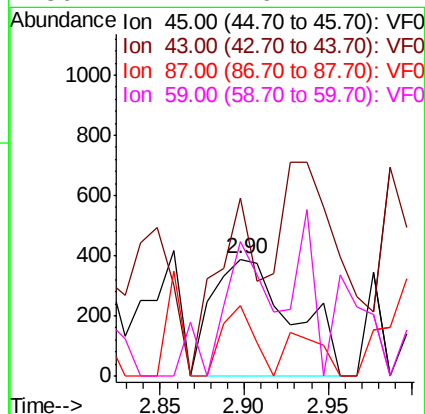
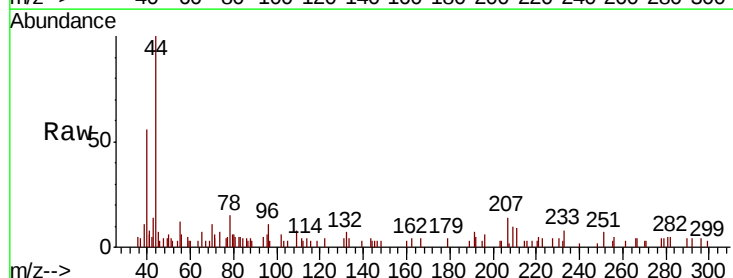
Ion Ratio Lower Upper

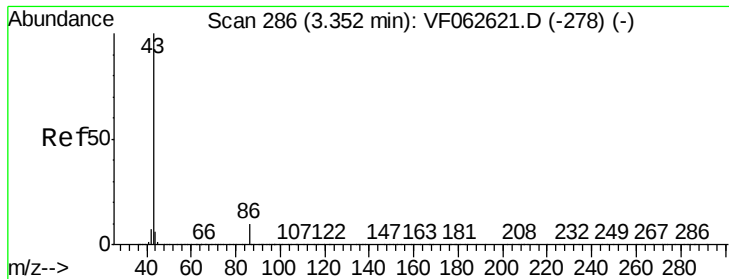
45 100

43 151.7 36.4 54.6#

87 59.9 19.3 28.9#

59 114.7 9.4 14.2#





#23

Vinyl Acetate

Concen: 557.204 ug/l

RT: 3.28 min Scan# 279

Delta R.T. -0.07 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

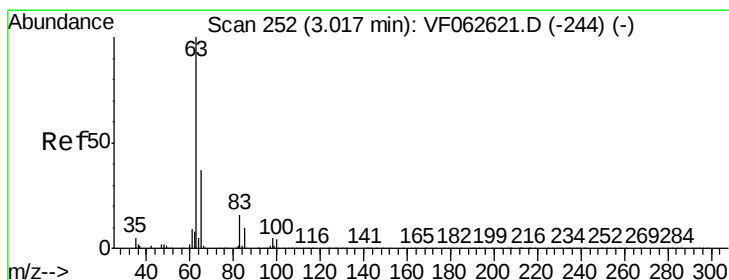
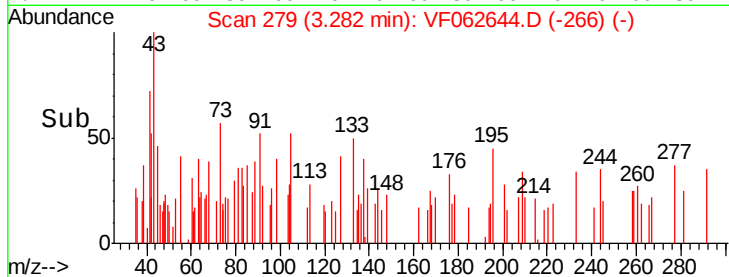
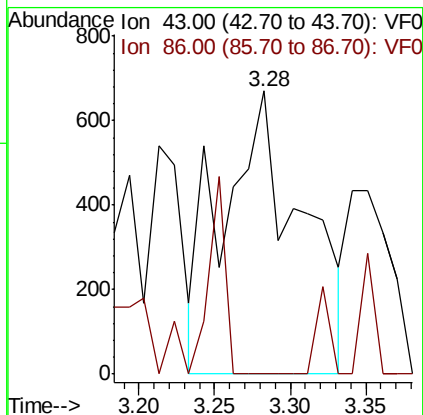
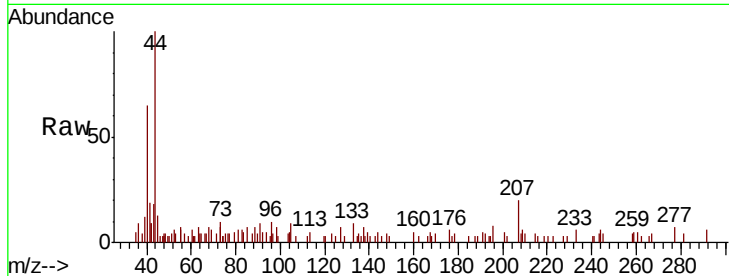
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 2427

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 32.934 ug/l

RT: 2.99 min Scan# 249

Delta R.T. -0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

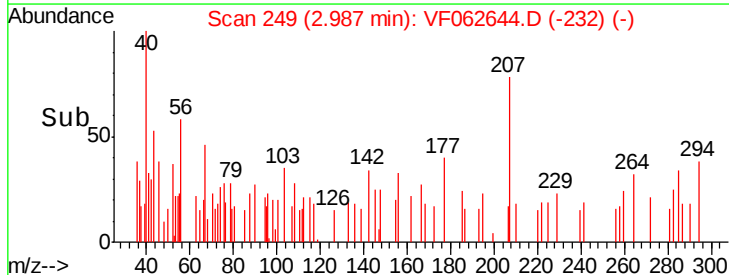
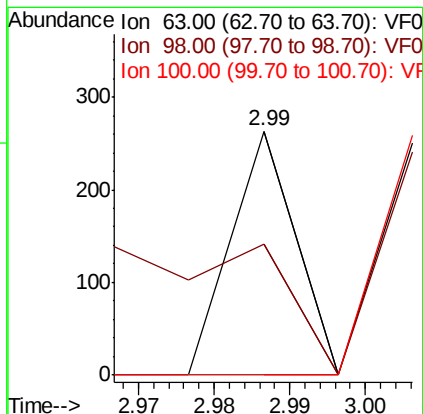
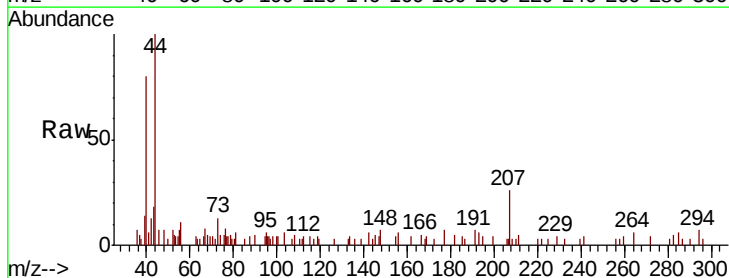
Tgt Ion: 63 Resp: 156

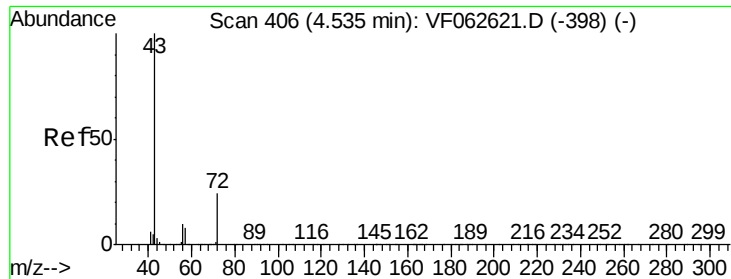
Ion Ratio Lower Upper

63 100

98 54.0 2.8 8.3#

100 52.1 1.9 5.7#





#25

2-Butanone

Concen: 634.314 ug/l

RT: 4.46 min Scan# 398

Delta R.T. -0.08 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

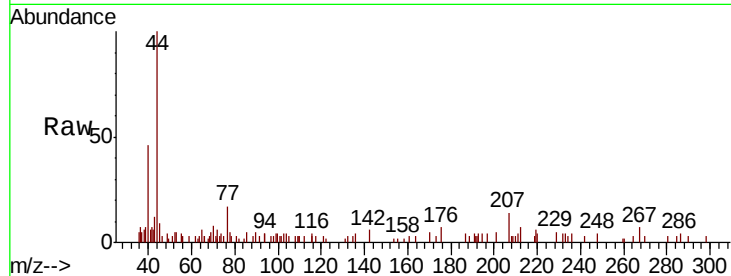
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

72 20.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.46

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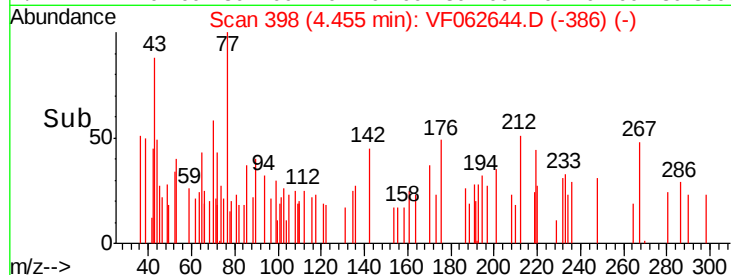
4.46

4.46

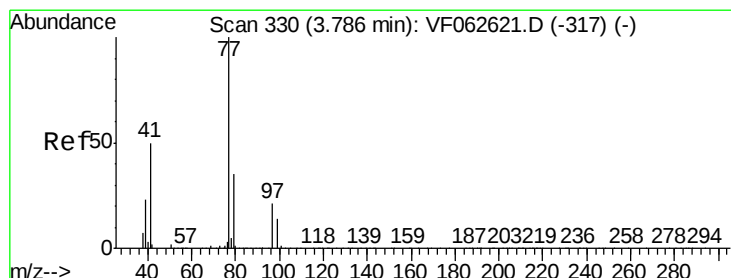
4.46

4.46

4.46



Time-->



#26

2,2-Dichloropropane

Concen: 462.323 ug/l

RT: 3.77 min Scan# 328

Delta R.T. -0.02 min

Lab File: VF062644.D

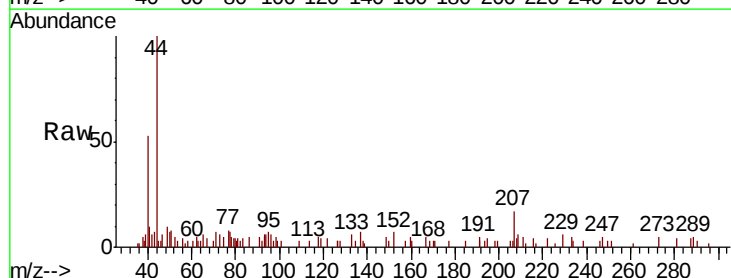
Acq: 17 May 2019 17:55

Tgt Ion: 77 Resp: 1253

Ion Ratio Lower Upper

77 100

97 22.6 14.1 42.4



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.77

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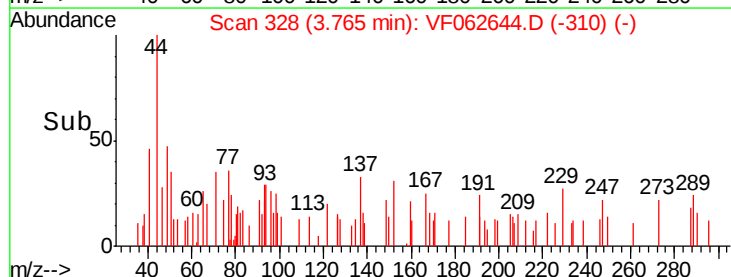
3.77

3.77

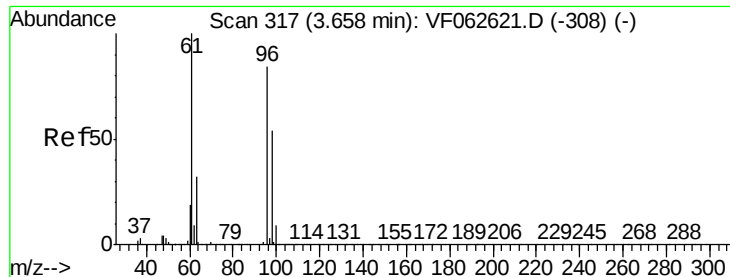
3.77

3.77

3.77



Time-->

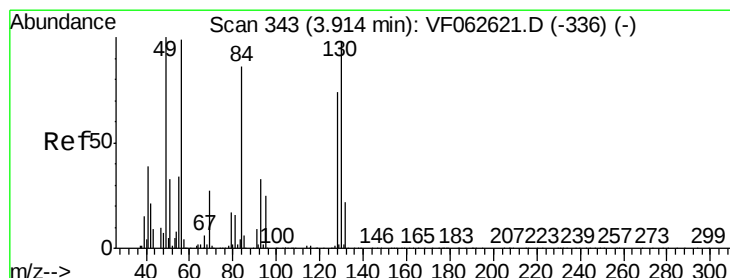
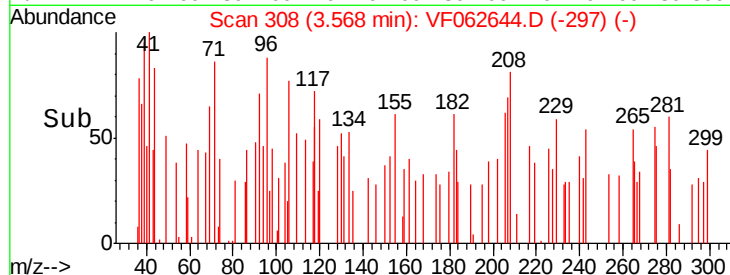
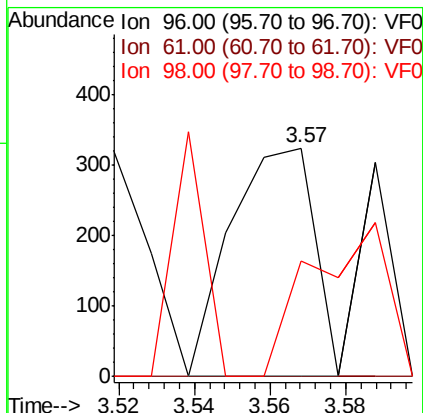
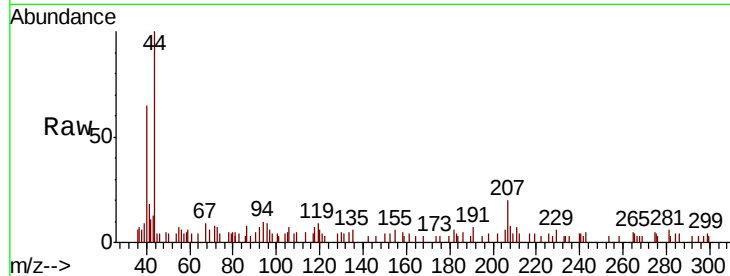


#27

cis-1,2-Dichloroethene
 Concen: 106.652 ug/l
 RT: 3.57 min Scan# 308
 Delta R.T. -0.09 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Instrument :
 MSVOA_F
 ClientSampleId :

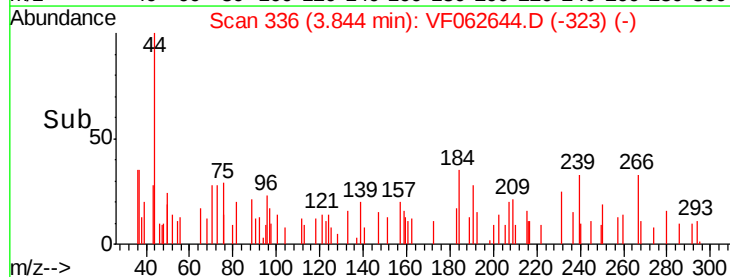
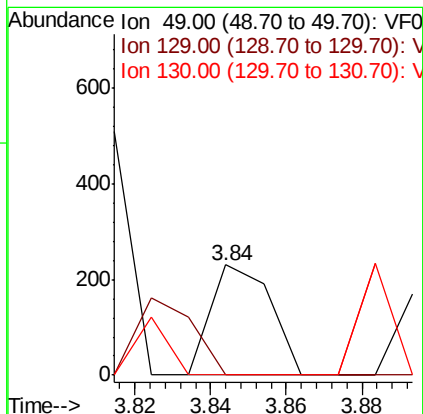
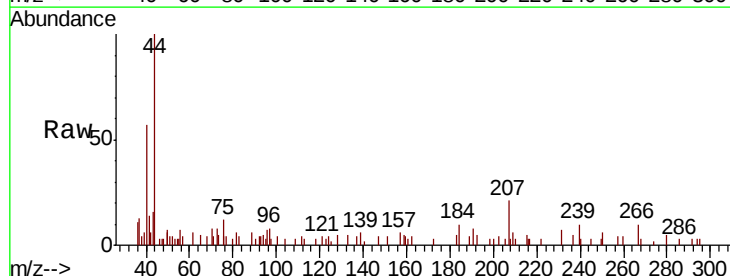
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	237.4
98	50.6	0.0	129.0

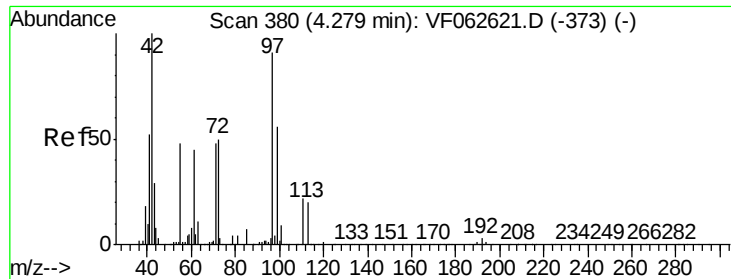


#28

Bromochloromethane
 Concen: 94.105 ug/l
 RT: 3.84 min Scan# 336
 Delta R.T. -0.07 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	77.8	116.8#

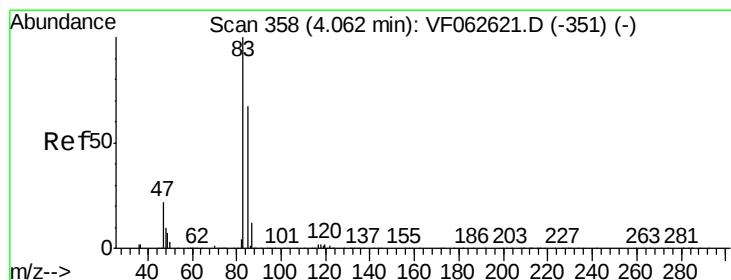
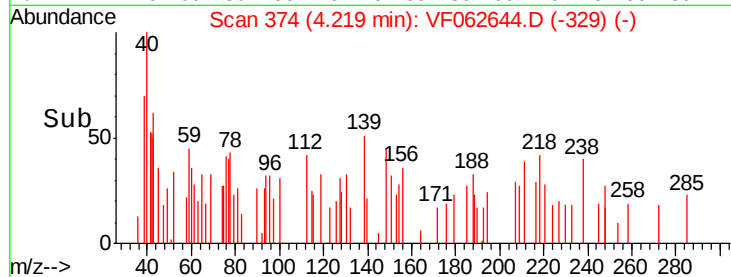
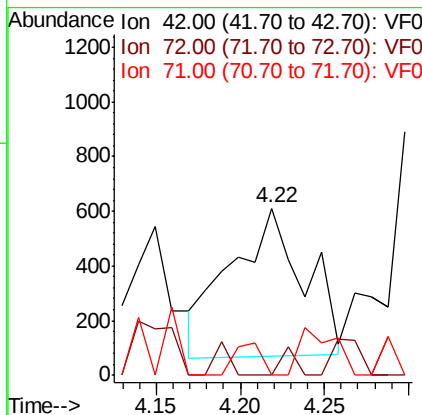
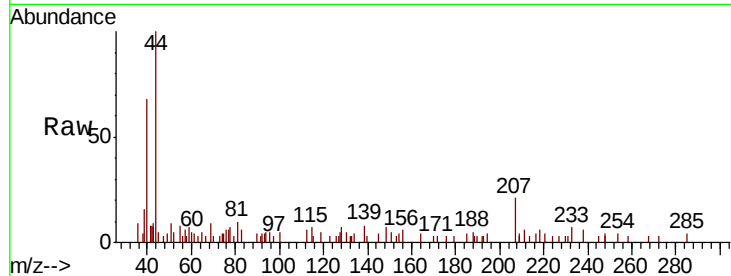




#29
Tetrahydrofuran
Concen: 3270.203 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.06 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

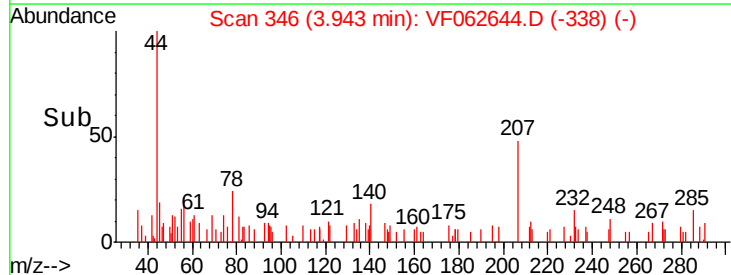
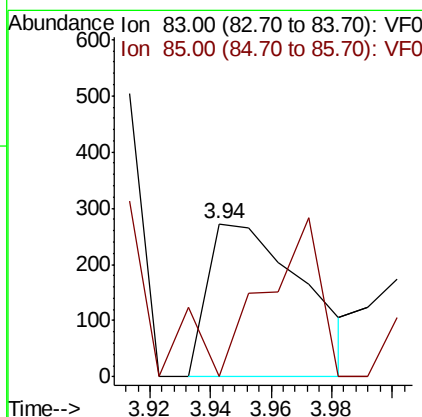
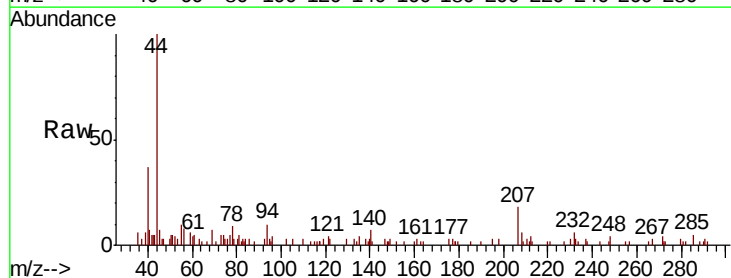
Instrument :
MSVOA_F
ClientSampled :

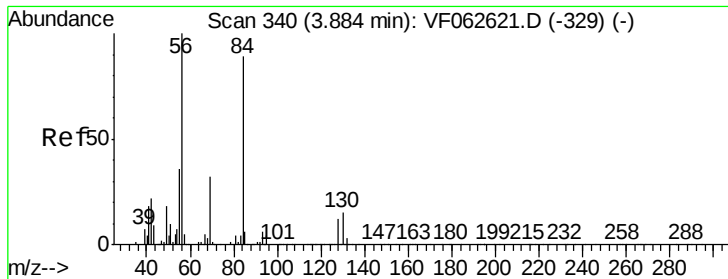
Tot Ion: 42 Resp: 1669
Ion Ratio Lower Upper
42 100
72 3.7 38.2 57.2#
71 7.8 35.8 53.6#



#30
Chloroform
Concen: 90.928 ug/l
RT: 3.94 min Scan# 346
Delta R.T. -0.12 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion: 83 Resp: 598
Ion Ratio Lower Upper
83 100
85 59.9 53.6 80.4





#31

Cyclohexane

Concen: 127.513 ug/l

RT: 3.80 min Scan# 332

Delta R.T. -0.08 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampled :

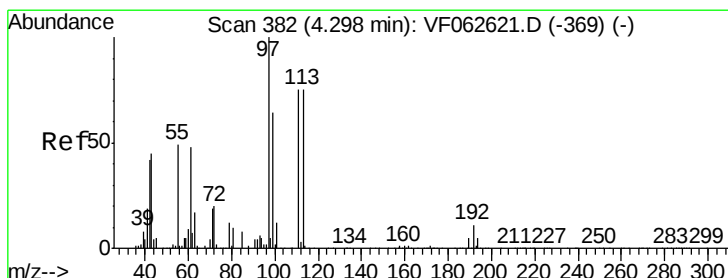
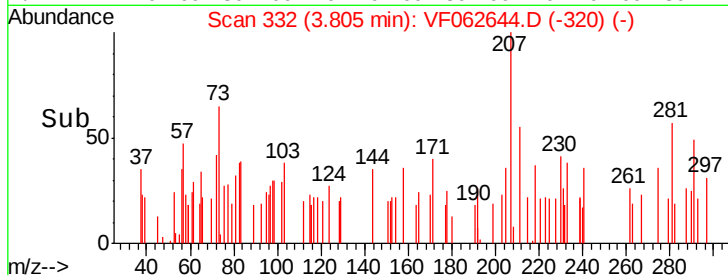
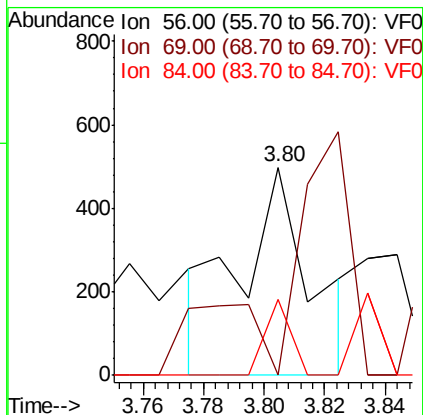
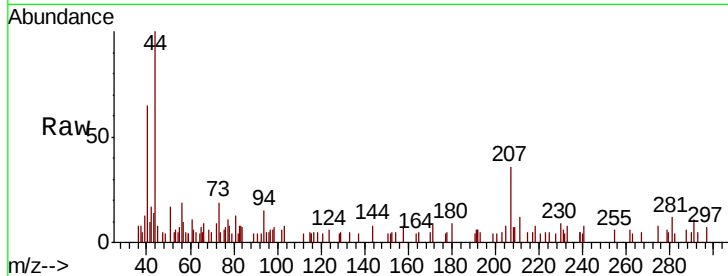
Tot Ion: 56 Resp: 811

Ion Ratio Lower Upper

56 100

69 15.9 25.3 37.9#

84 23.6 71.0 106.4#



#32

1,1,1-Trichloroethane

Concen: 87.690 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.06 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

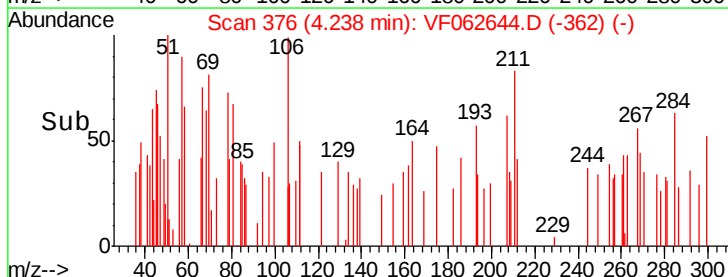
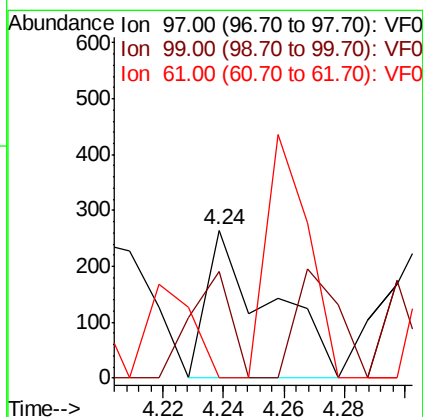
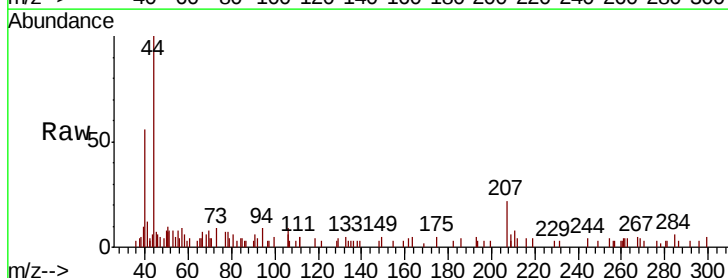
Tgt Ion: 97 Resp: 383

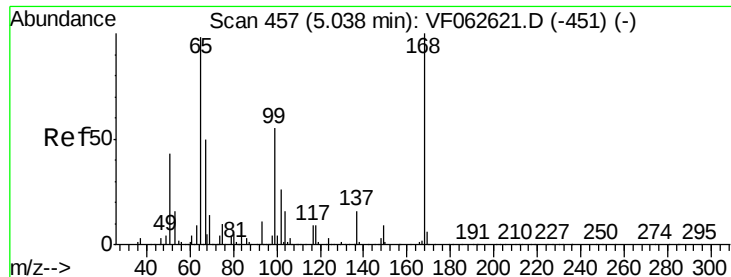
Ion Ratio Lower Upper

97 100

99 72.5 51.3 76.9

61 0.0 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 134.042 ug/l

RT: 4.96 min Scan# 449

Delta R.T. -0.08 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

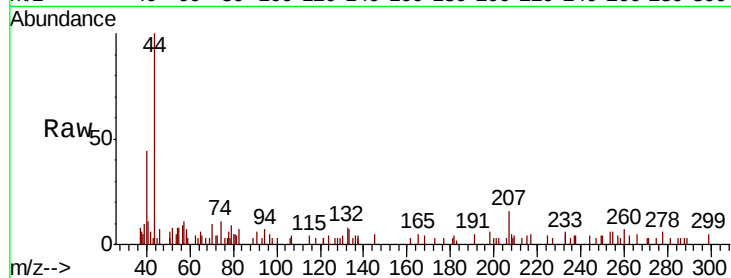
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 65 Resp: 305

Ion Ratio Lower Upper

65 100

67 30.5 0.0 117.6

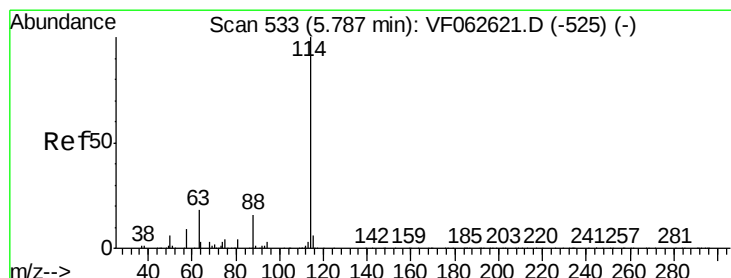
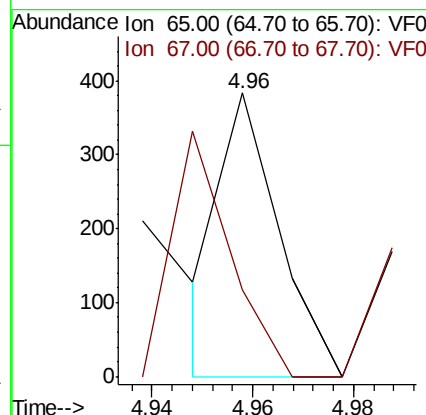
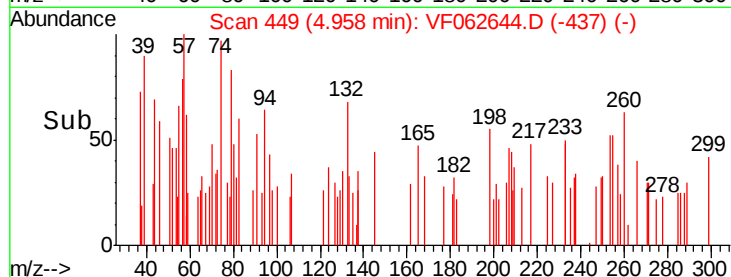


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.96

4.94 4.96 4.98



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 522

Delta R.T. -0.11 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

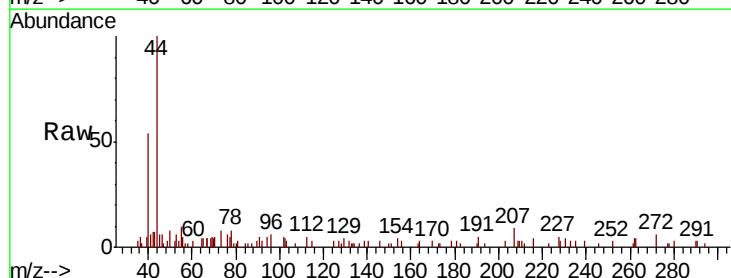
Tgt Ion: 114 Resp: 224

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.4

88 0.0 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

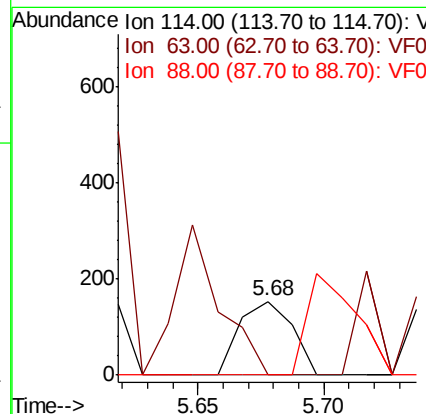
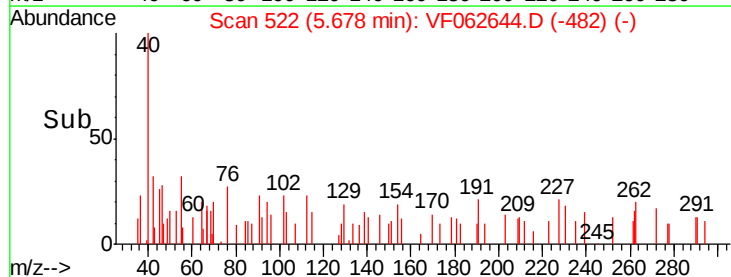
600

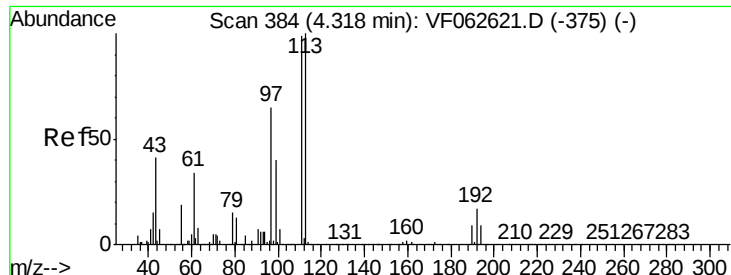
400

200

0

5.65 5.68 5.70





#35

Dibromofluoromethane

Concen: 74.093 ug/l

RT: 4.23 min Scan# 375

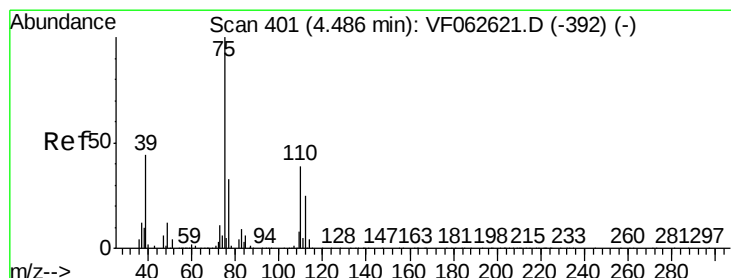
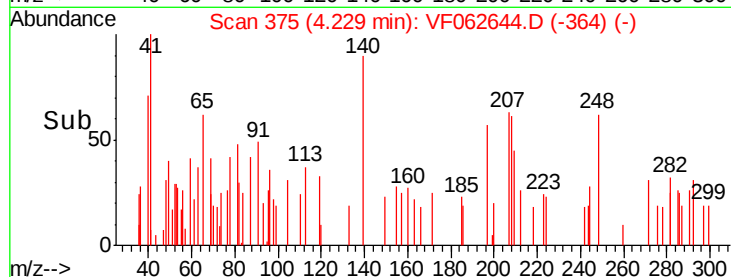
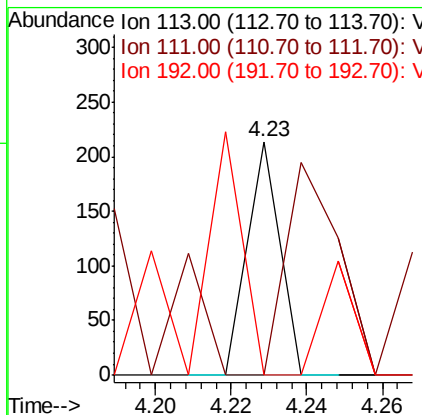
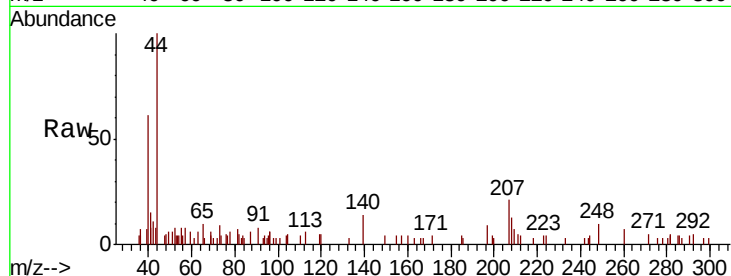
Delta R.T. -0.09 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	113	Resp:	127
Ion	Ratio	Lower	Upper
113	100		
111	0.0	79.4	119.2#
192	0.0	13.4	20.2#



#36

1,1-Dichloropropene

Concen: 117.631 ug/l

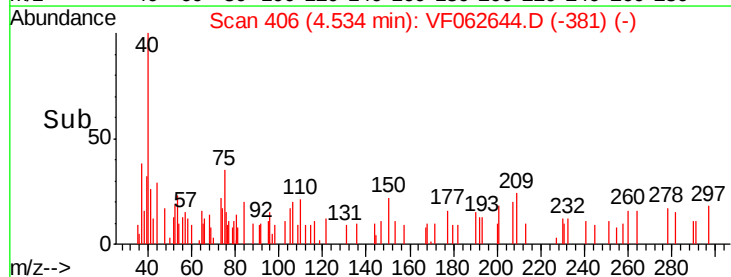
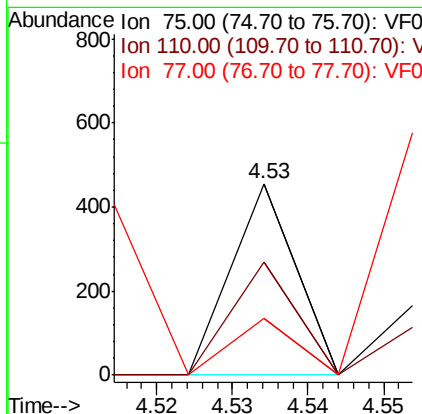
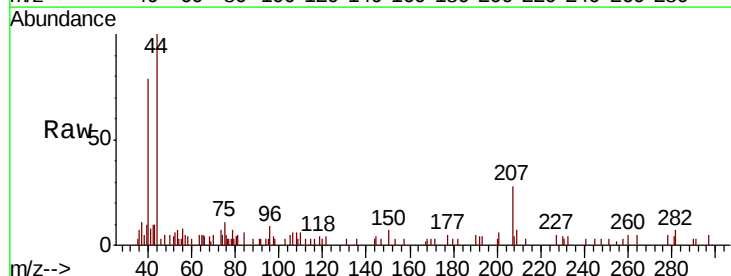
RT: 4.53 min Scan# 406

Delta R.T. 0.05 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	75	Resp:	270
Ion	Ratio	Lower	Upper
75	100		
110	58.8	19.7	59.1
77	29.6	26.3	39.5

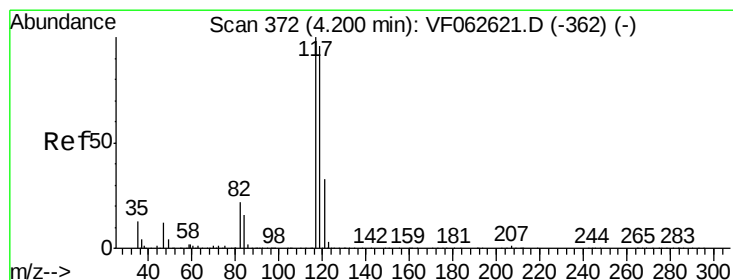
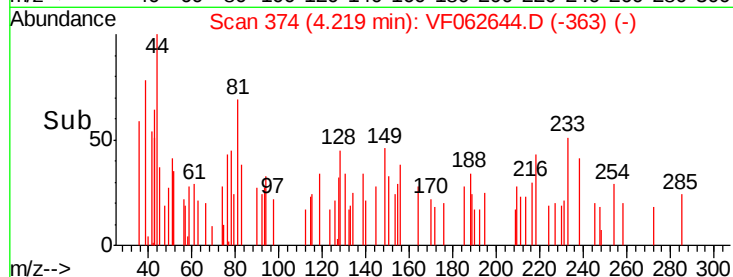
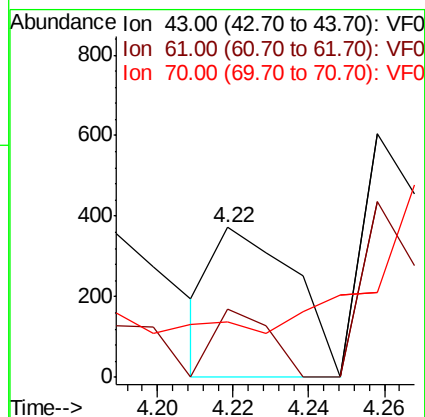
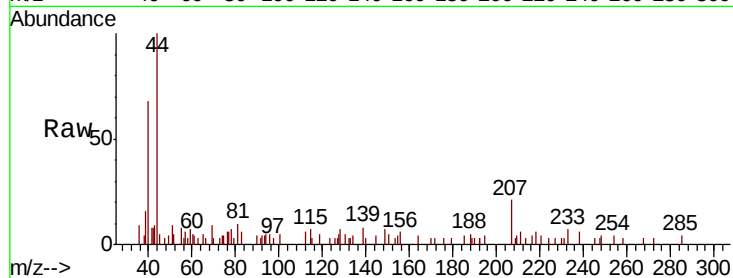




#37
Ethyl Acetate
Concen: 587.935 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.09 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

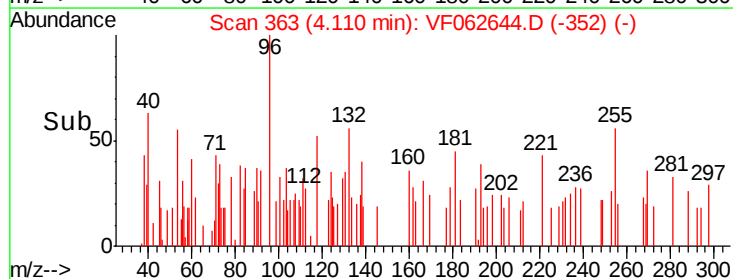
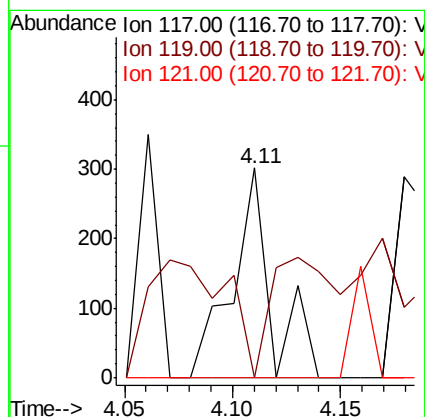
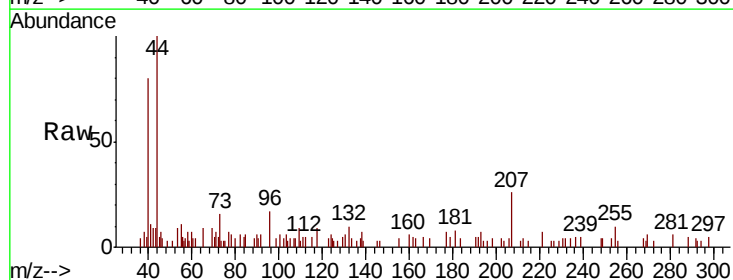
Instrument :
MSVOA_F
ClientSampled :

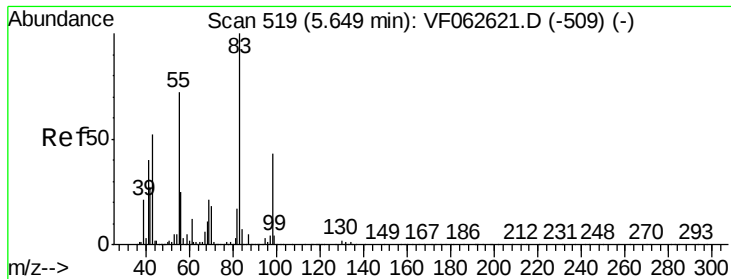
Tot Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
61 45.4 76.9 115.3#
70 36.8 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 220.710 ug/l
RT: 4.11 min Scan# 363
Delta R.T. -0.09 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion: 117 Resp: 381
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 26.6 40.0#

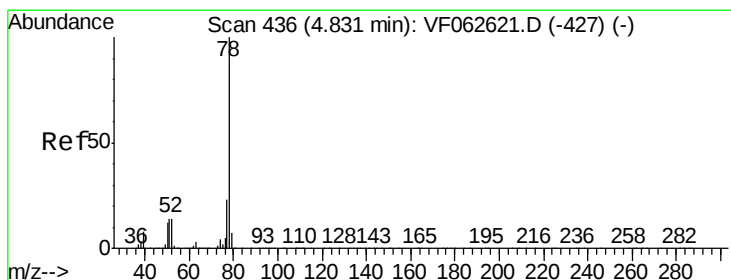
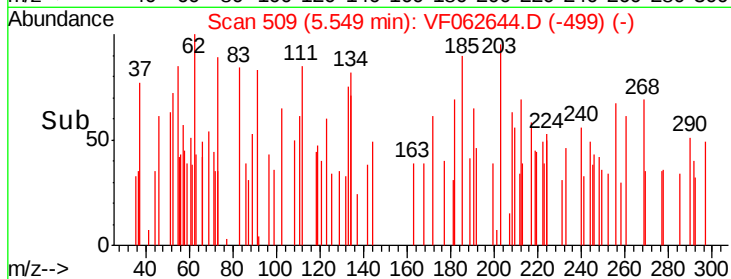
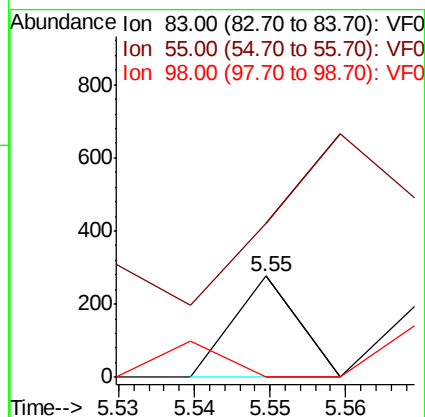
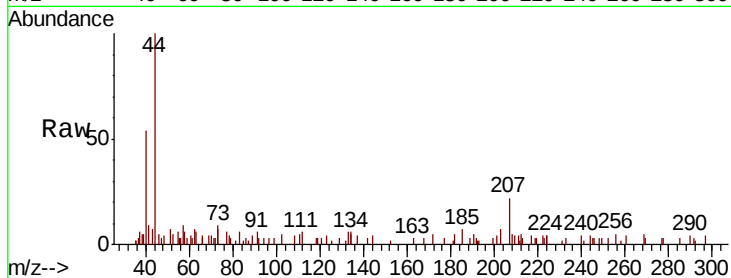




#39
Methvlcvclohexane
Concen: 59.381 ug/l
RT: 5.55 min Scan# 509
Delta R.T. -0.10 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

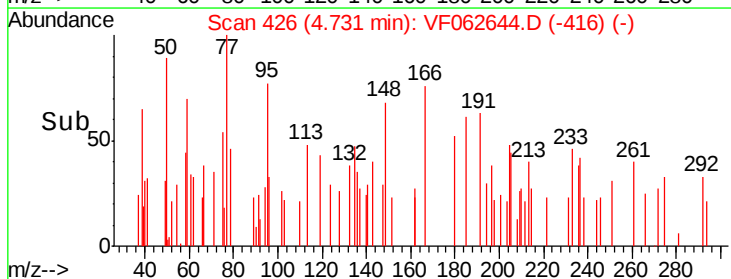
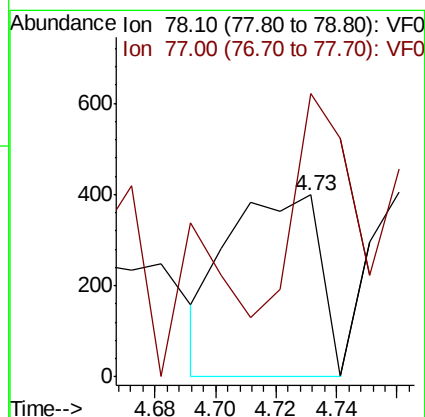
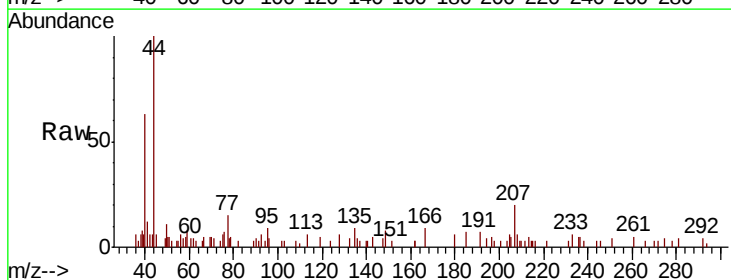
Instrument :
MSVOA_F
ClientSampled :

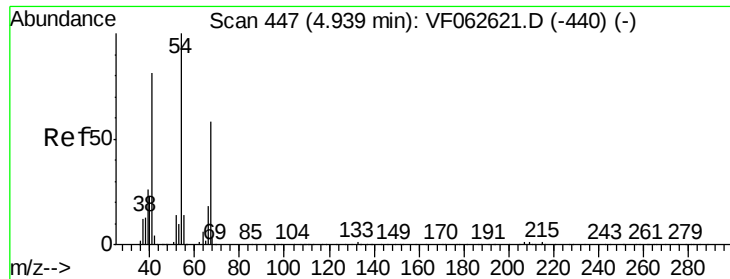
Tot Ion	Ratio	Lower	Upper
83	100		
55	202.9	57.9	86.9#
98	0.0	34.6	52.0#



#40
Benzene
Concen: 134.814 ug/l
RT: 4.73 min Scan# 426
Delta R.T. -0.10 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	155.6	18.2	27.2#

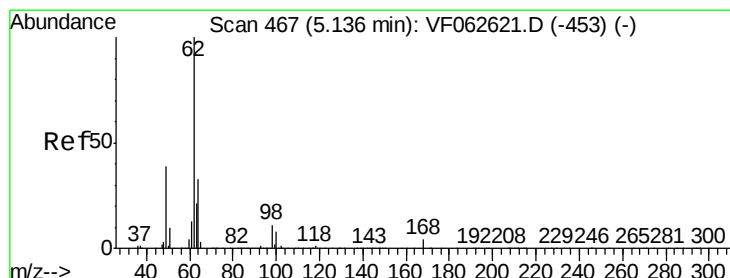
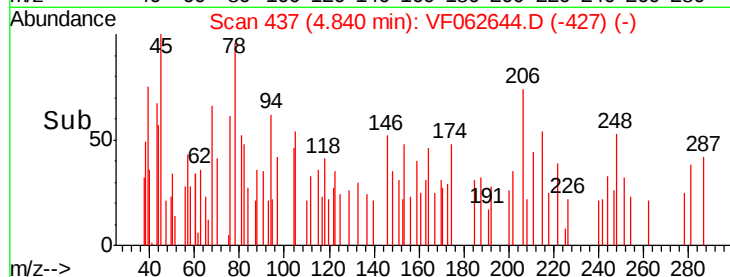
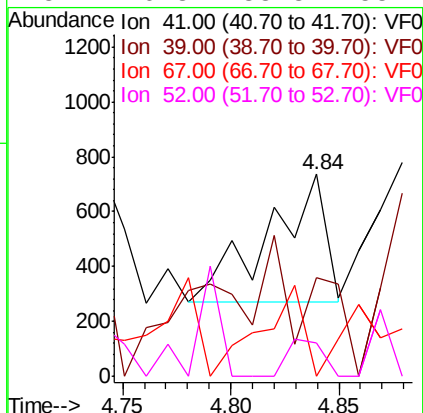
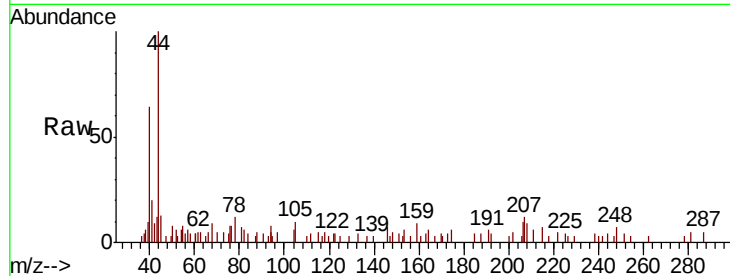




#41
Methacrylonitrile
Concen: 1750.328 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.10 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

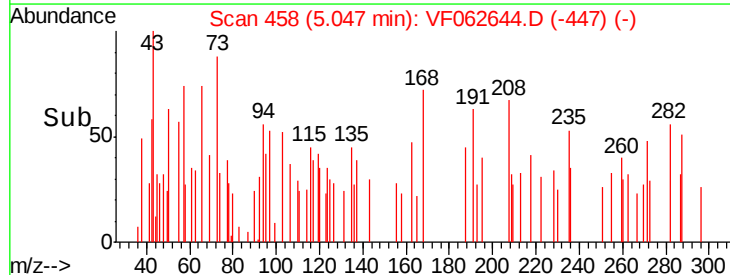
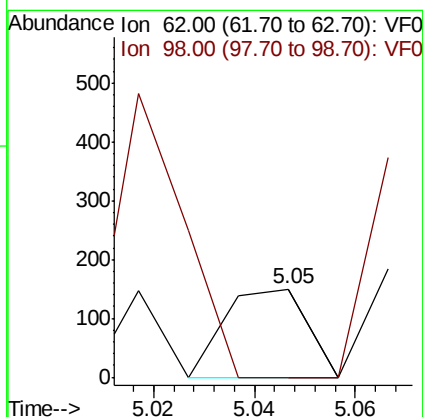
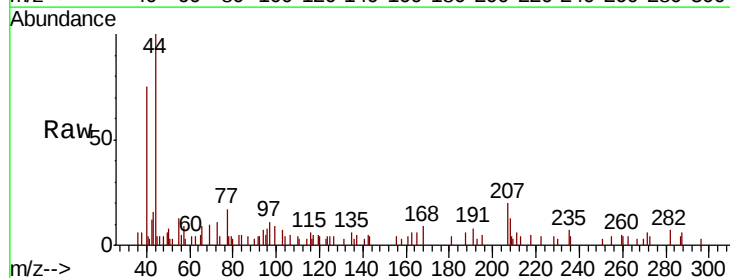
Instrument :
MSVOA_F
ClientSampled :

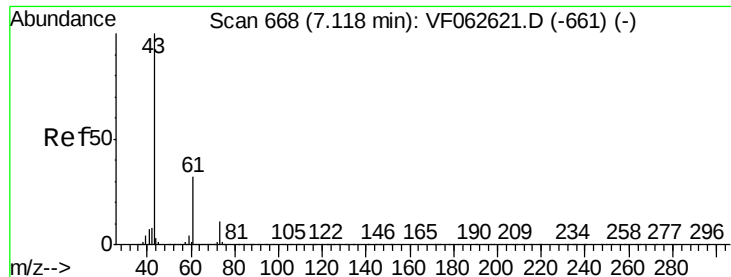
Tot Ion:	41	Resp:	860
Ion	Ratio	Lower	Upper
41	100		
39	49.2	42.2	63.2
67	0.0	56.4	84.6#
52	16.3	38.8	58.2#



#42
1,2-Dichloroethane
Concen: 136.332 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.09 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion:	62	Resp:	170
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6





#43

Isopropyl Acetate

Concen: 1346.621 ug/l

RT: 6.99 min Scan# 655

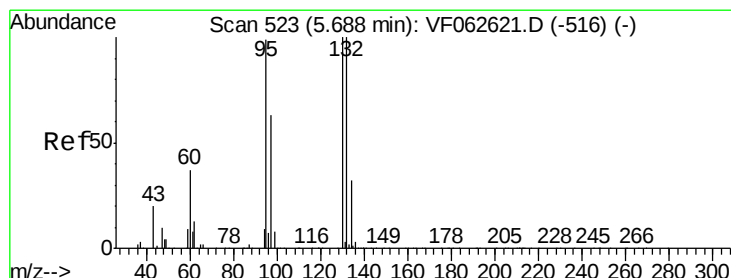
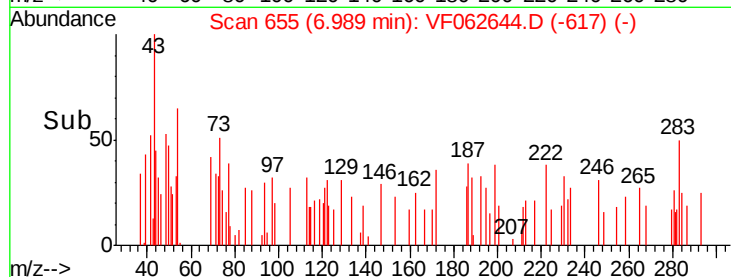
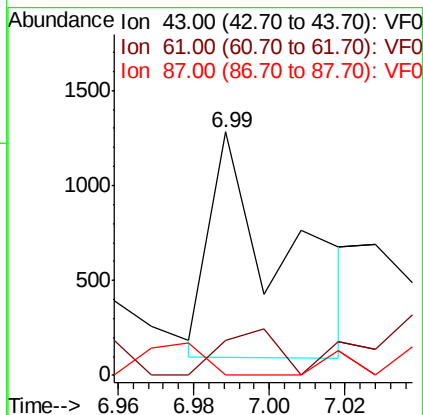
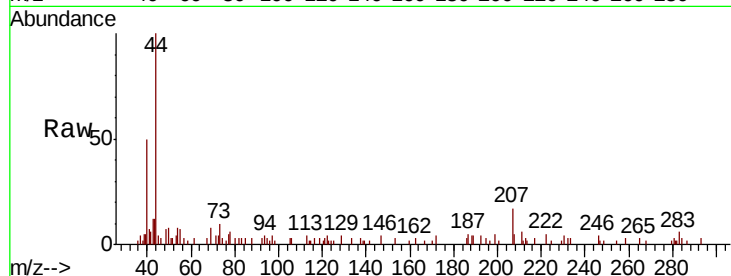
Delta R.T. -0.13 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	43	Resp:	1635
Ion	Ratio	Lower	Upper
43	100		
61	14.4	25.8	38.8#
87	0.0	0.4	0.6#



#44

Trichloroethene

Concen: 61.453 ug/l

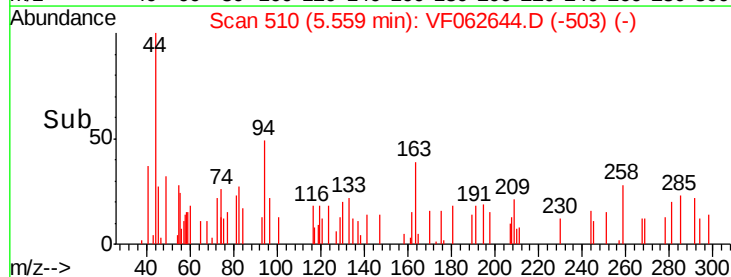
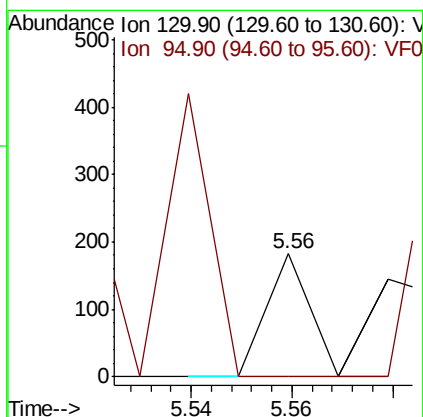
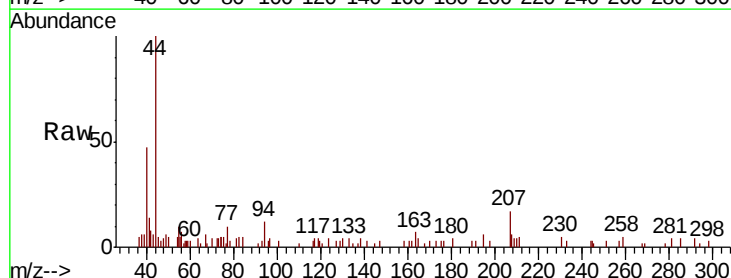
RT: 5.56 min Scan# 510

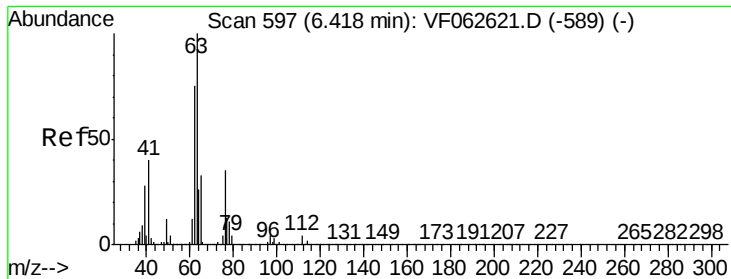
Delta R.T. -0.13 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	130	Resp:	108
Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	199.4





#45

1,2-Dichloropropane

Concen: 98.195 ug/l

RT: 6.29 min Scan# 584

Delta R.T. -0.13 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

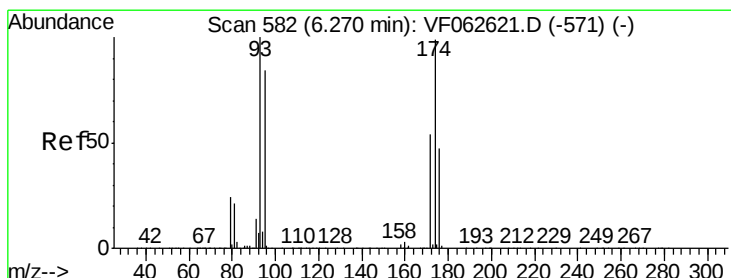
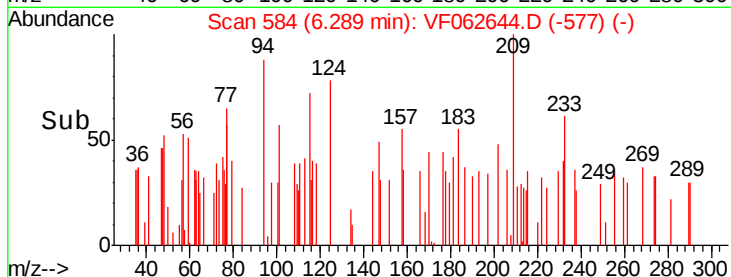
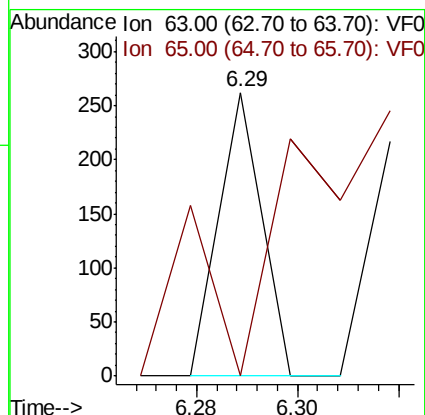
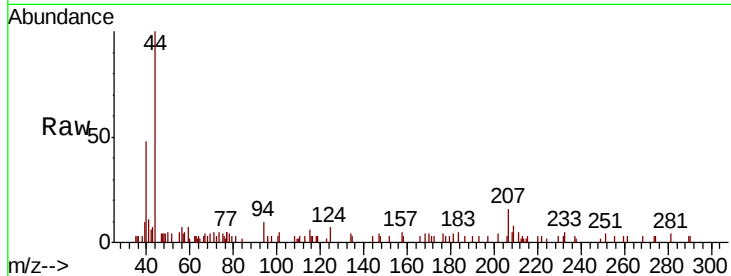
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 63 Resp: 155

Ion Ratio Lower Upper

63 100

65 0.0 26.3 39.5#



#46

Dibromomethane

Concen: 219.238 ug/l

RT: 6.16 min Scan# 571

Delta R.T. -0.11 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

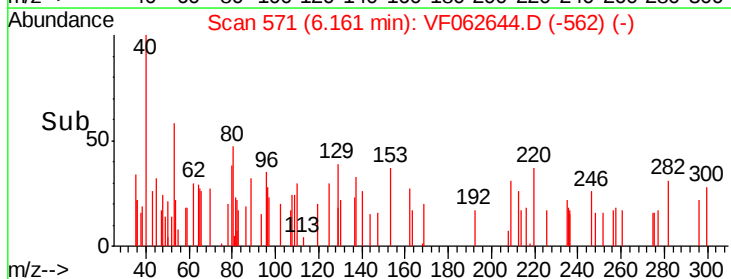
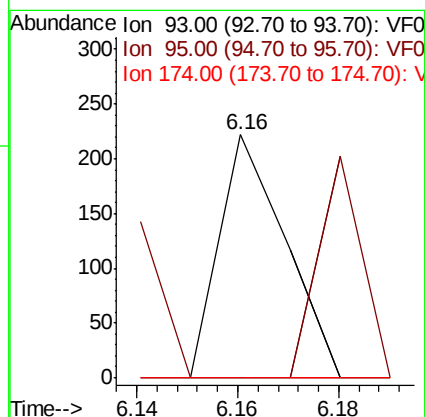
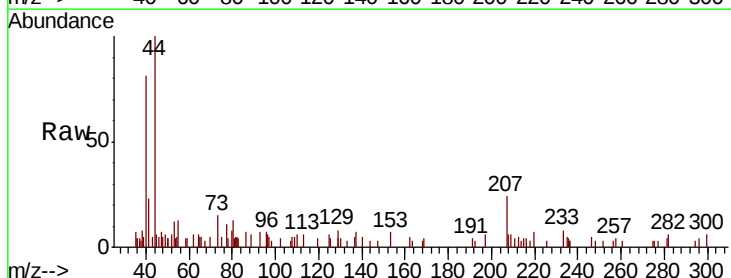
Tgt Ion: 93 Resp: 200

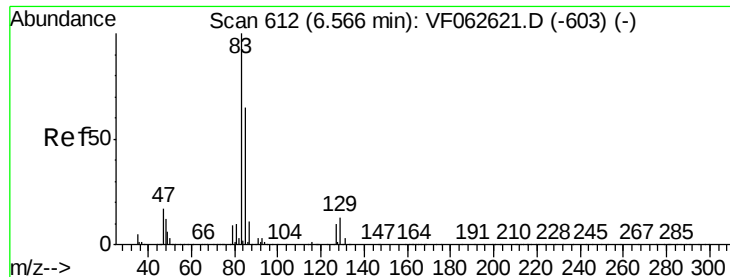
Ion Ratio Lower Upper

93 100

95 0.0 67.4 101.2#

174 0.0 79.4 119.2#





#47

Bromodichloromethane

Concen: 115.110 ug/l

RT: 6.41 min Scan# 596

Delta R.T. -0.16 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampled :

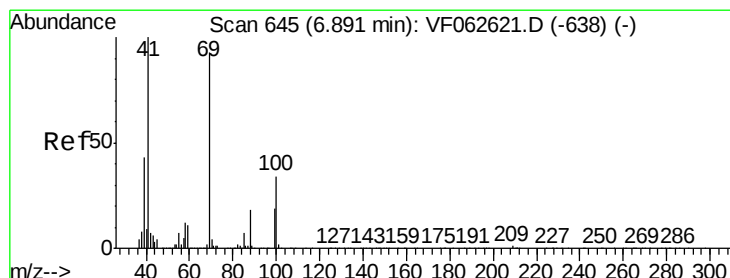
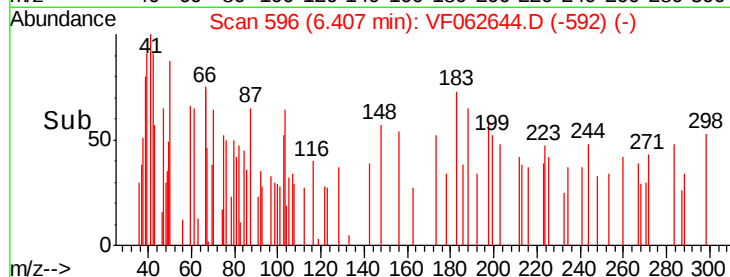
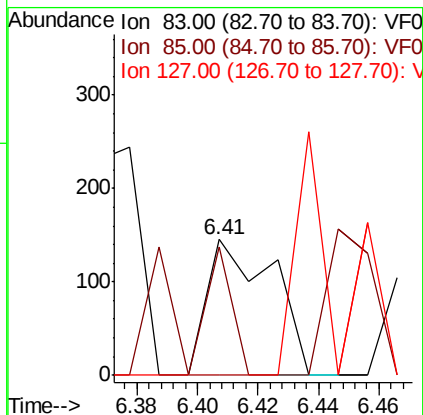
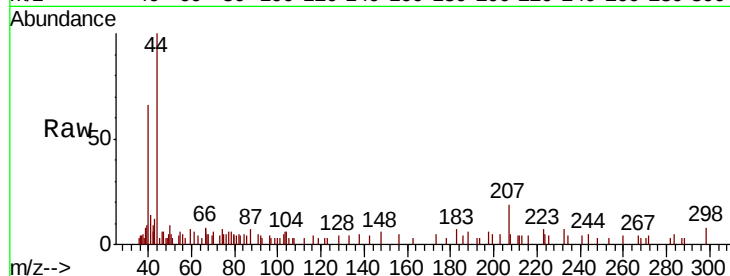
Tot Ion: 83 Resp: 218

Ion Ratio Lower Upper

83 100

85 95.2 52.0 78.0#

127 0.0 7.7 11.5#



#48

Methyl methacrylate

Concen: 1054.183 ug/l

RT: 6.74 min Scan# 630

Delta R.T. -0.15 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

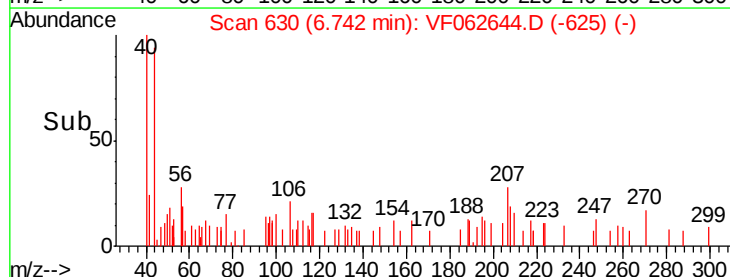
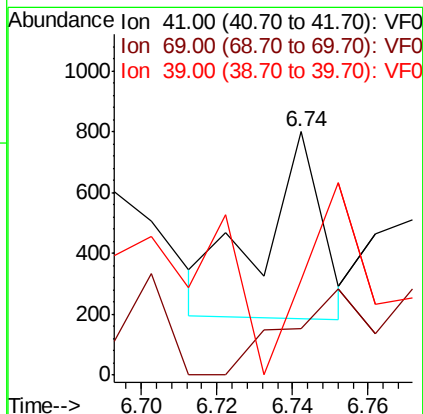
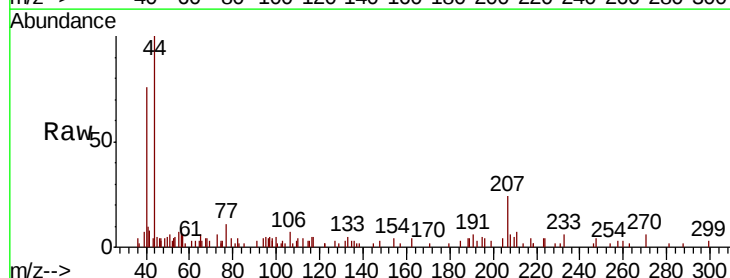
Tgt Ion: 41 Resp: 669

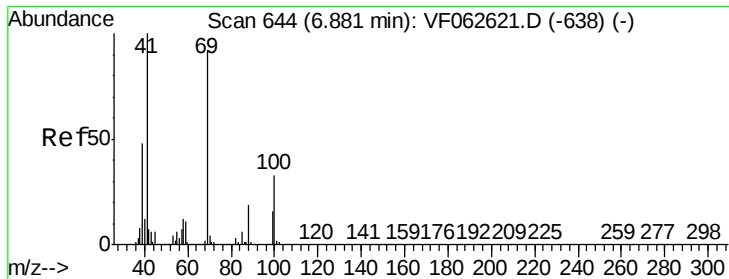
Ion Ratio Lower Upper

41 100

69 19.0 74.2 111.2#

39 39.1 34.2 51.4





#49

1,4-Dioxane

Concen: 18577.516 ug/l

RT: 6.76 min Scan# 632

Delta R.T. -0.12 min

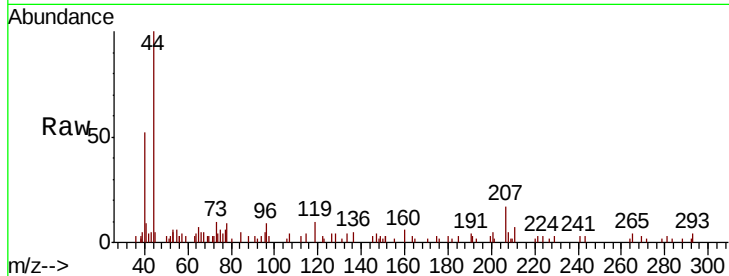
Lab File: VF062644.D

Acq: 17 May 2019 17:55

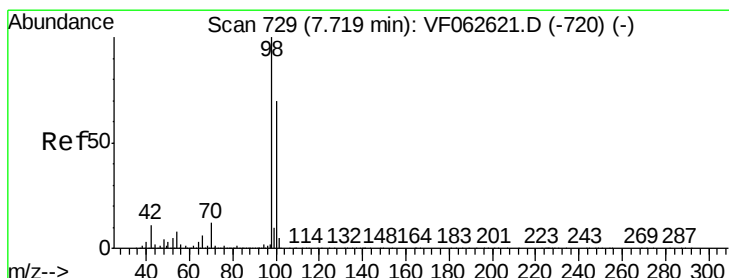
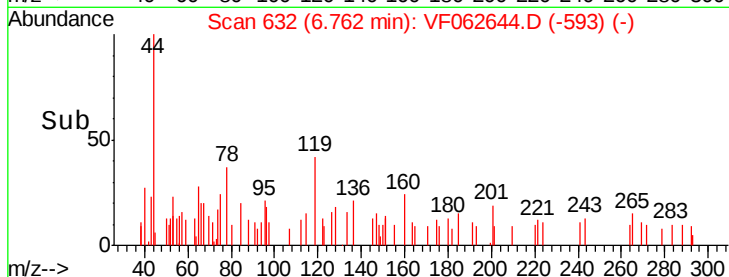
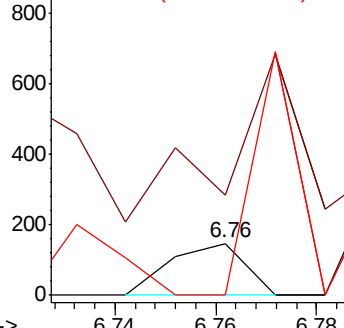
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
43	193.8	30.0	45.0#
58	0.0	51.1	76.7#



Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 55.223 ug/l

RT: 7.59 min Scan# 716

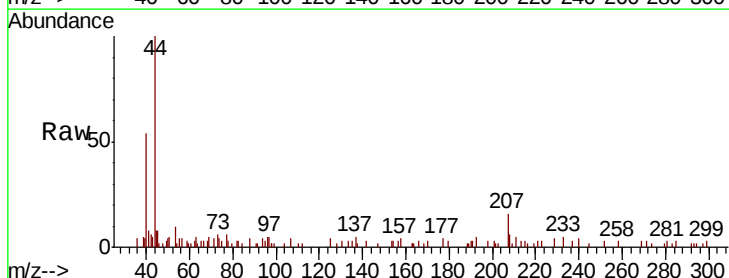
Delta R.T. -0.13 min

Lab File: VF062644.D

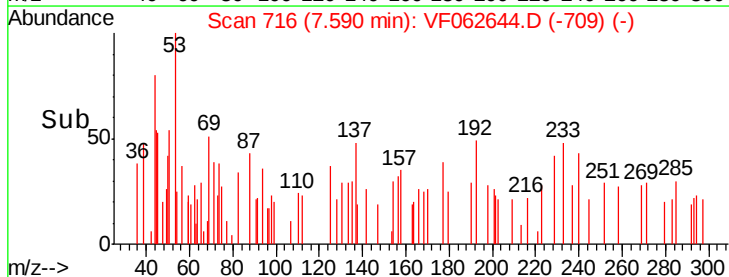
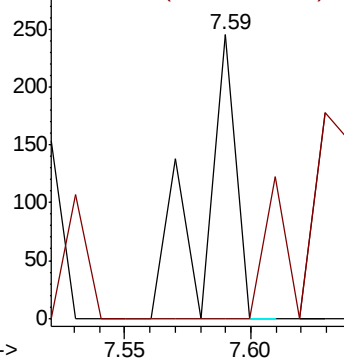
Acq: 17 May 2019 17:55

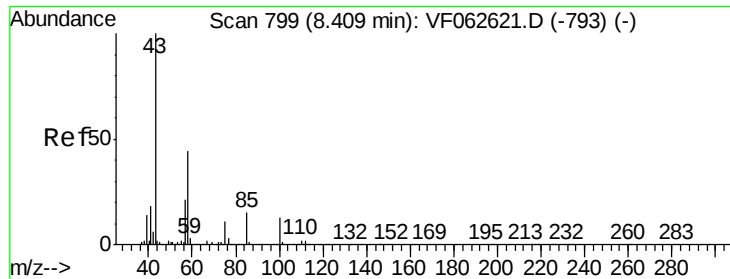
Tgt Ion: 98 Resp: 226

Ion	Ratio	Lower	Upper
98	100		
100	0.0	56.2	84.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 2362.884 ug/l

RT: 8.23 min Scan# 781

Delta R.T. -0.18 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

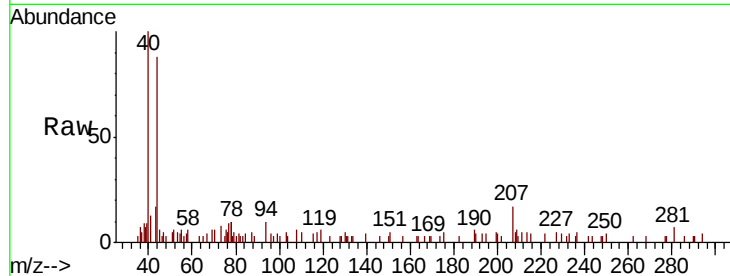
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 1961

Ion Ratio Lower Upper

43 100

58 36.6 34.9 52.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.23

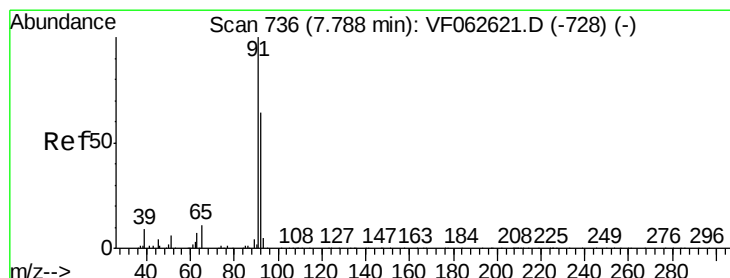
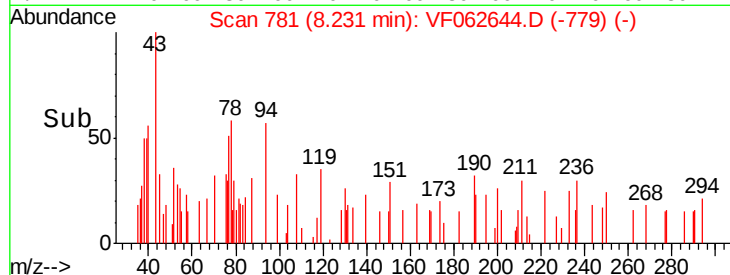
600

400

200

0

Time-->



#52

Toluene

Concen: 19.821 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.00 min

Lab File: VF062644.D

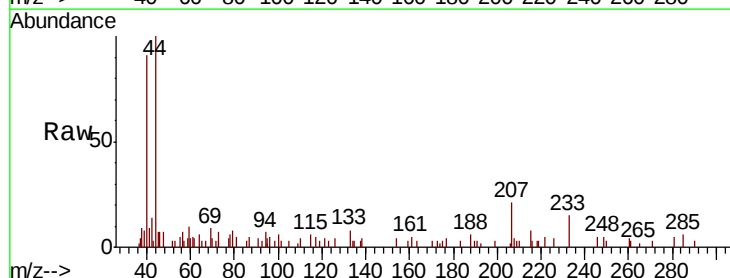
Acq: 17 May 2019 17:55

Tgt Ion: 92 Resp: 65

Ion Ratio Lower Upper

92 100

91 138.2 125.4 188.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.79

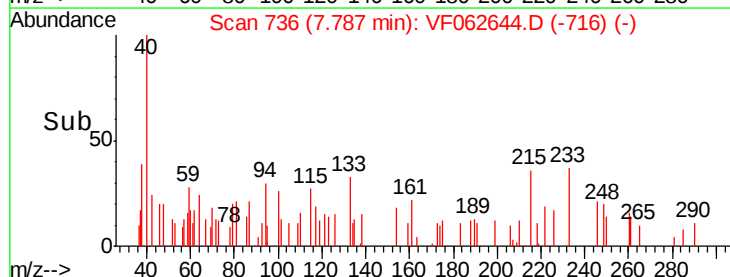
150

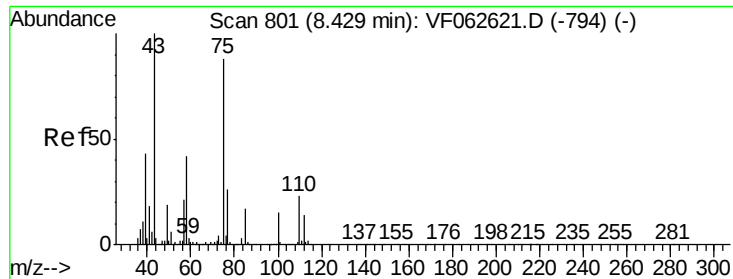
100

50

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 906.807 ug/l

RT: 8.24 min Scan# 782

Delta R.T. -0.19 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

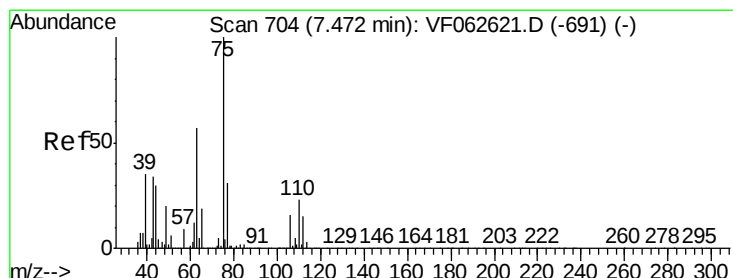
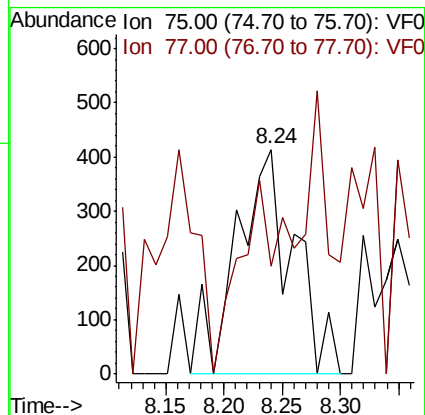
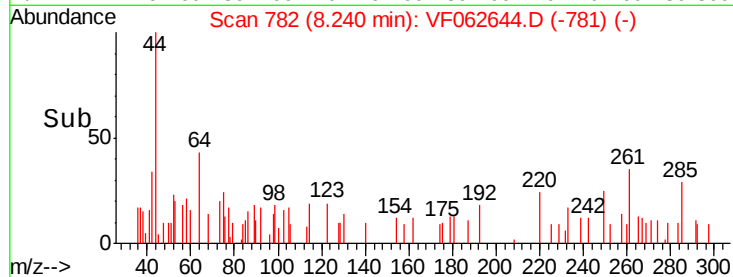
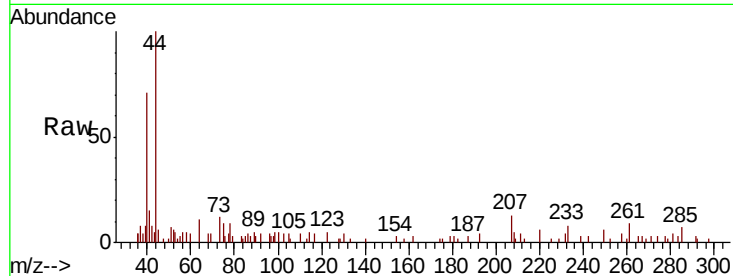
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 1405

Ion Ratio Lower Upper

75 100

77 48.3 24.2 36.4#



#54

cis-1,3-Dichloropropene

Concen: 176.128 ug/l

RT: 7.33 min Scan# 690

Delta R.T. -0.14 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

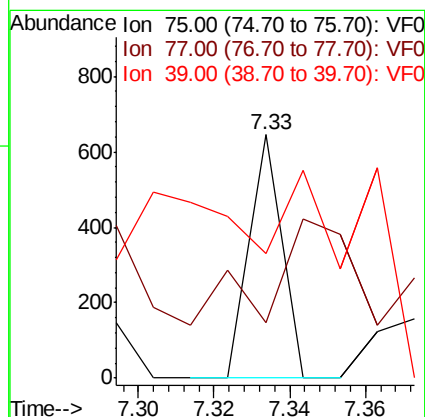
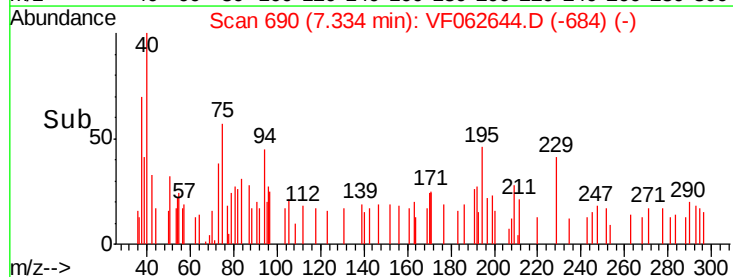
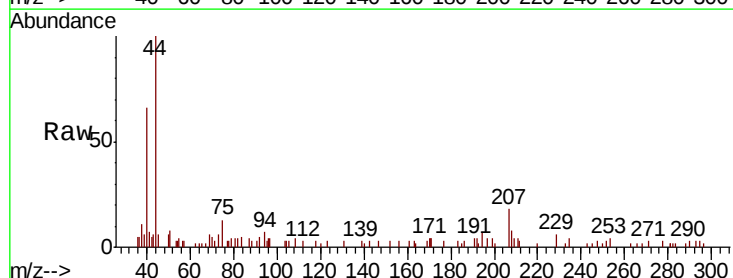
Tgt Ion: 75 Resp: 382

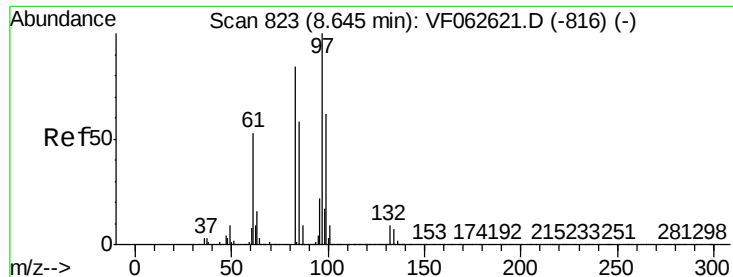
Ion Ratio Lower Upper

75 100

77 22.6 25.3 37.9#

39 51.1 28.2 42.2#





#55

1,1,2-Trichloroethane

Concen: 382.088 ug/l

RT: 8.45 min Scan# 803

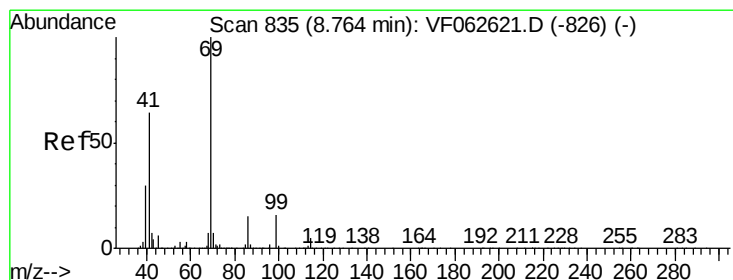
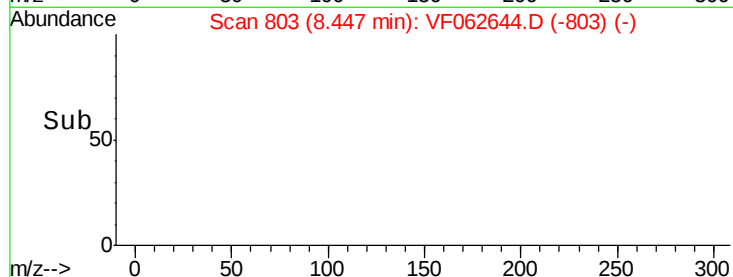
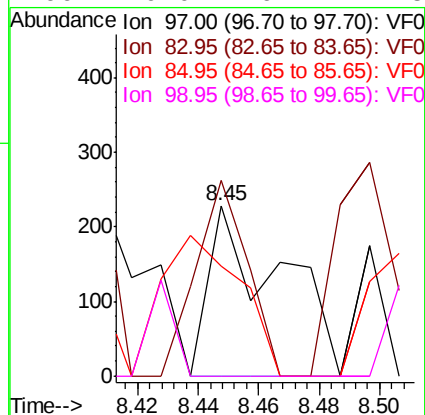
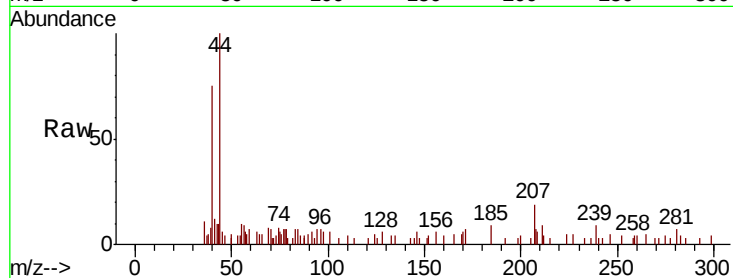
Delta R.T. -0.20 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	97	Resp:	371
Ion	Ratio	Lower	Upper
97	100		
83	115.4	67.3	100.9#
85	64.5	46.6	69.8
99	0.0	49.7	74.5#



#56

Ethyl methacrylate

Concen: 1789.416 ug/l

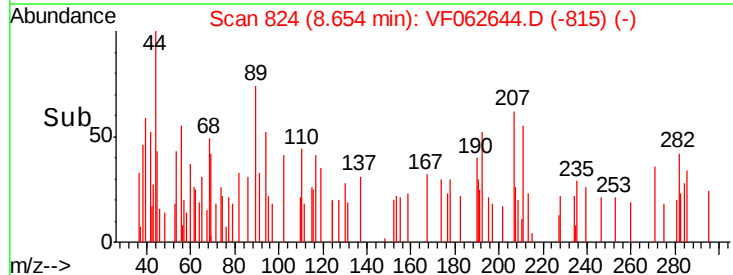
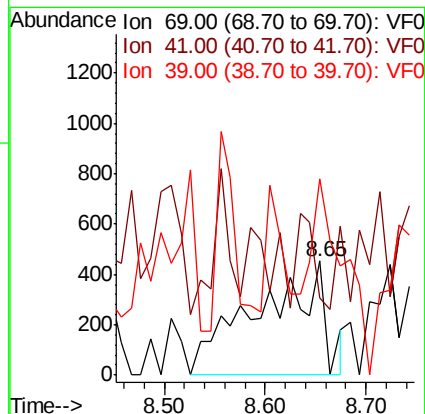
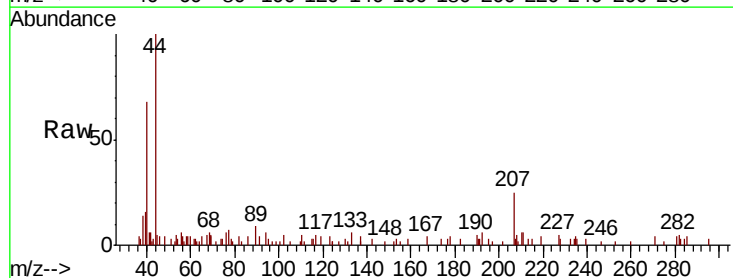
RT: 8.65 min Scan# 824

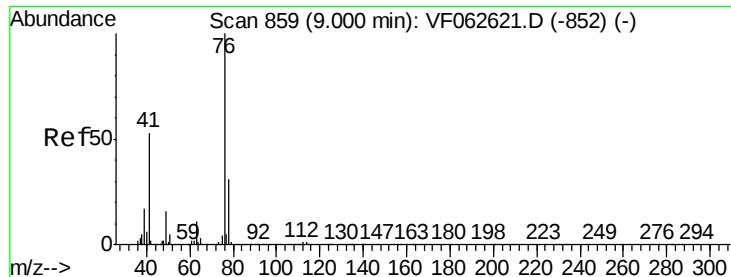
Delta R.T. -0.11 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	69	Resp:	2070
Ion	Ratio	Lower	Upper
69	100		
41	68.2	51.4	77.2
39	172.6	23.6	35.4#

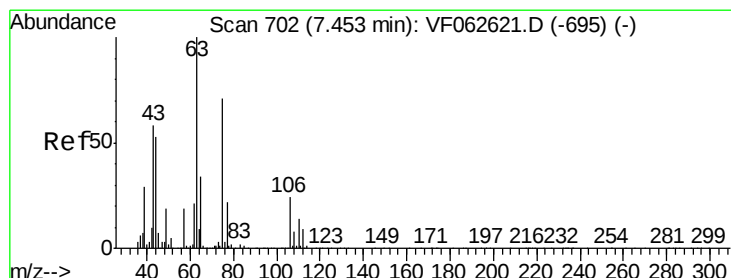
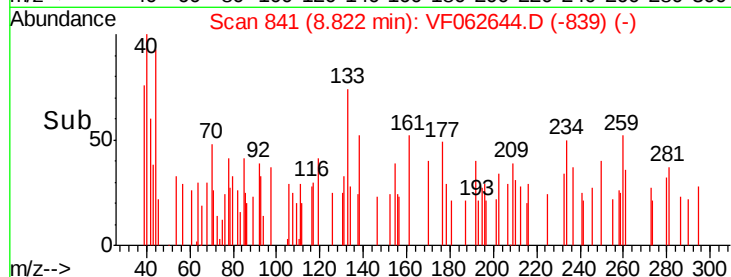
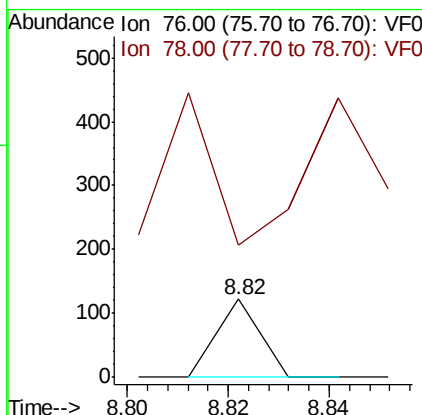
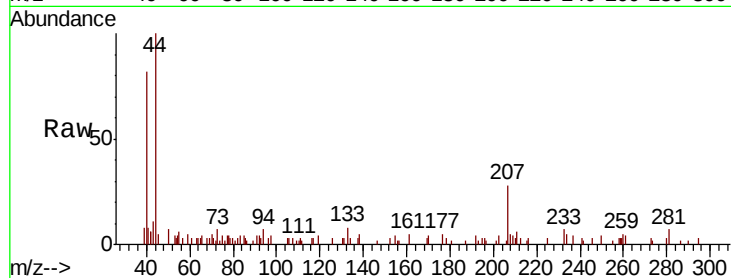




#57
 1,3-Dichloropropane
 Concen: 43.534 ug/l
 RT: 8.82 min Scan# 841
 Delta R.T. -0.18 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

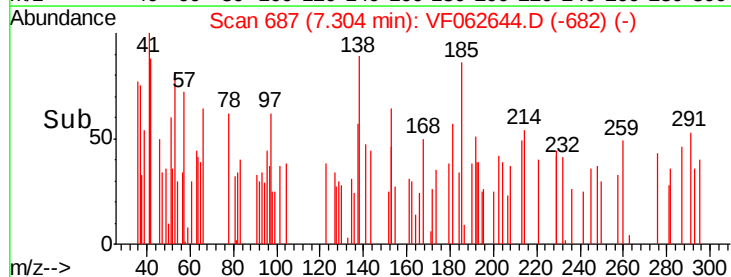
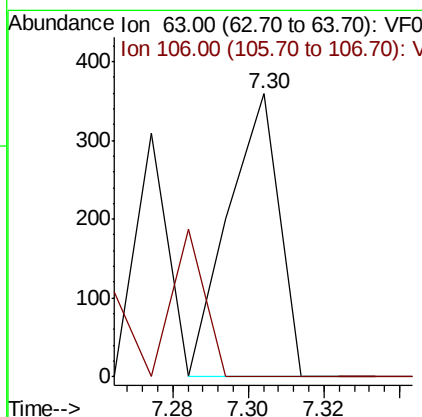
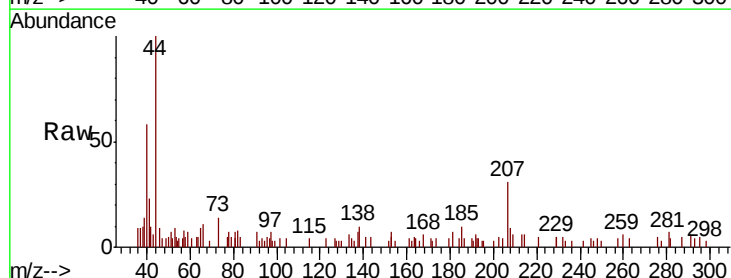
Instrument :
 MSVOA_F
 ClientSampleId :

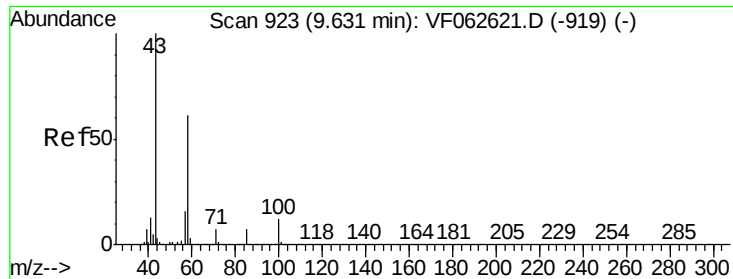
Tot Ion: 76 Resp: 72
 Ion Ratio Lower Upper
 76 100
 78 171.1 25.4 38.0#



#58
 2-Chloroethyl Vinyl ether
 Concen: 879.058 ug/l
 RT: 7.30 min Scan# 687
 Delta R.T. -0.15 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Tgt Ion: 63 Resp: 331
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.1 28.7#

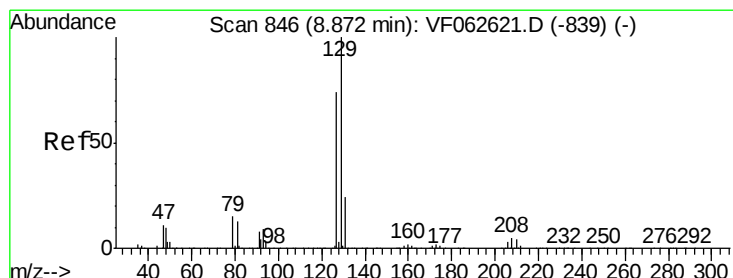
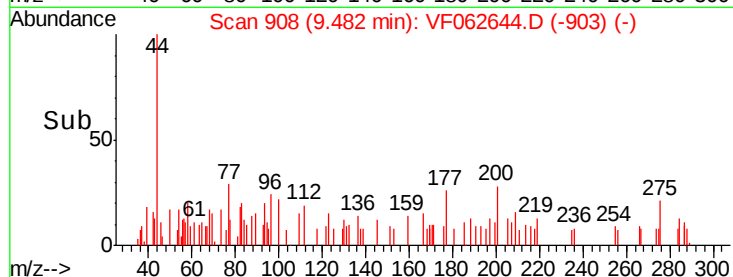
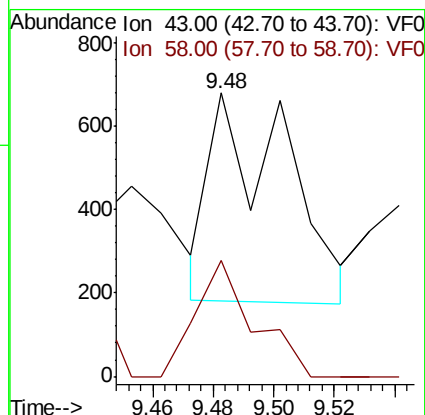
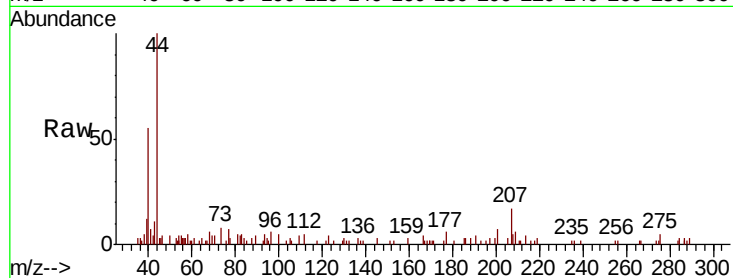




#59
2-Hexanone
Concen: 1731.712 ug/l
RT: 9.48 min Scan# 908
Delta R.T. -0.15 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

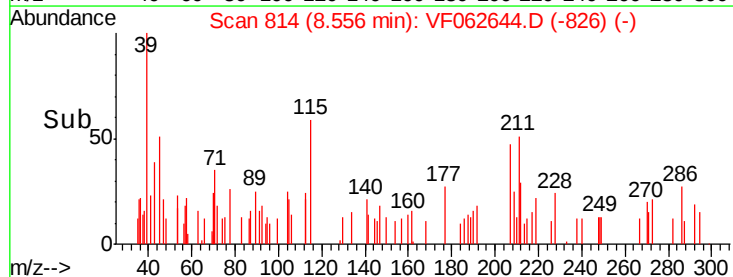
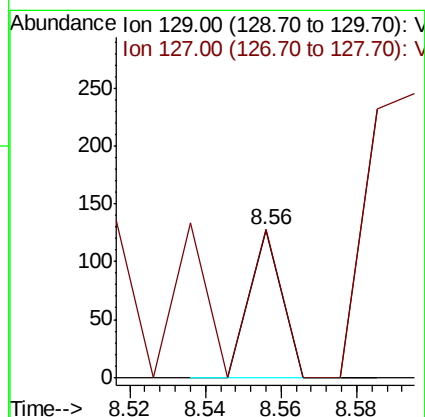
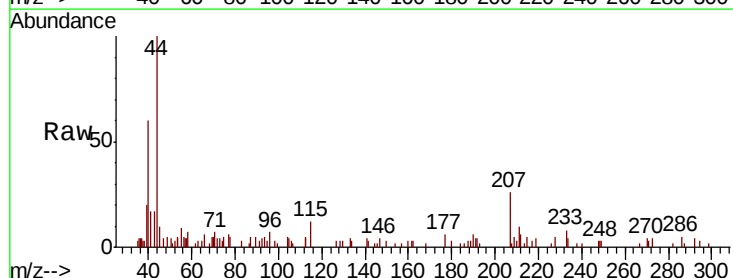
Instrument :
MSVOA_F
ClientSampleId :

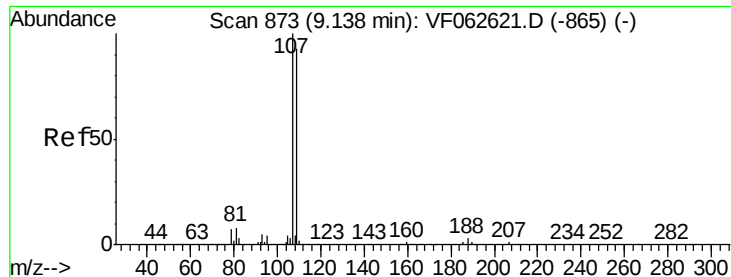
Tot Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 40.7 28.1 84.4



#60
Dibromochloromethane
Concen: 59.265 ug/l
RT: 8.56 min Scan# 814
Delta R.T. -0.32 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion: 129 Resp: 75
Ion Ratio Lower Upper
129 100
127 100.8 37.2 111.6





#61

1,2-Dibromoethane

Concen: 132.838 ug/l

RT: 9.09 min Scan# 868

Delta R.T. -0.05 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

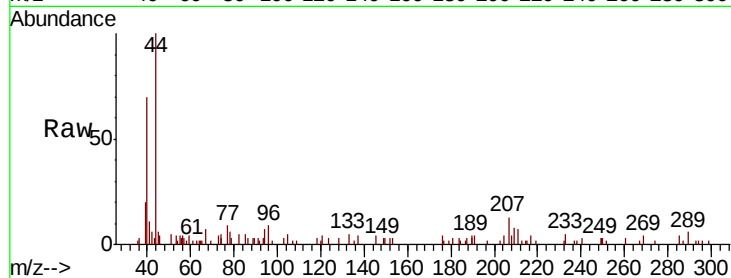
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:107 Resp: 137

Ion Ratio Lower Upper

107 100

109 92.1 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.09

150

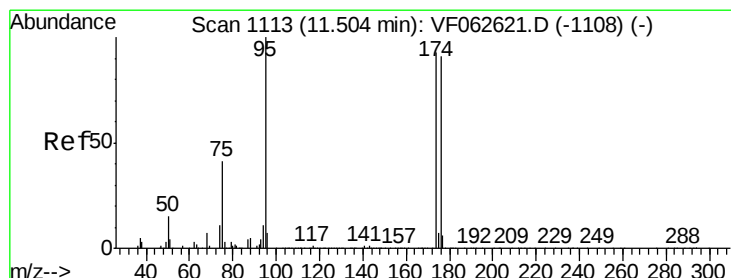
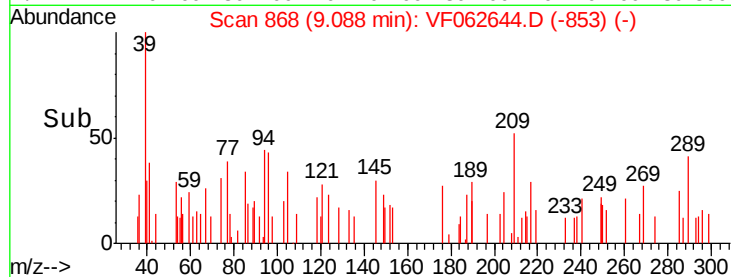
100

50

0

9.08 9.10

Time-->



#62

4-Bromofluorobenzene

Concen: 276.389 ug/l

RT: 11.26 min Scan# 1088

Delta R.T. -0.25 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

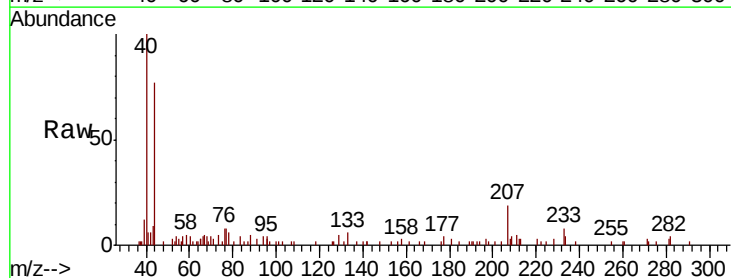
Tgt Ion: 95 Resp: 429

Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.6

176 56.9 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

300

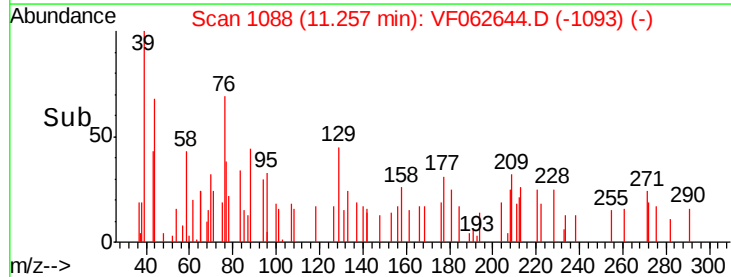
200

100

0

11.25 11.30

Time-->

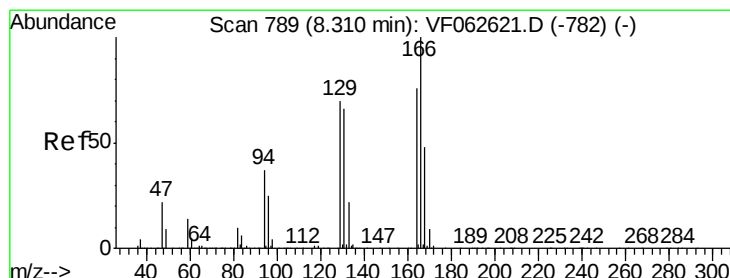
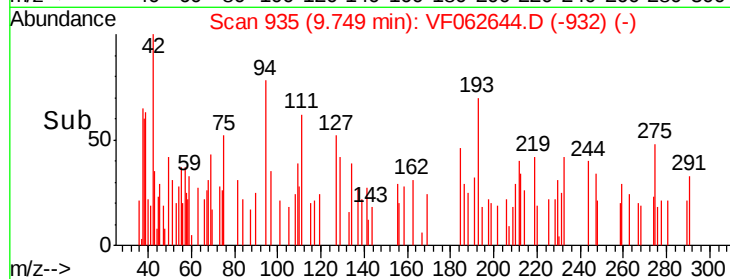
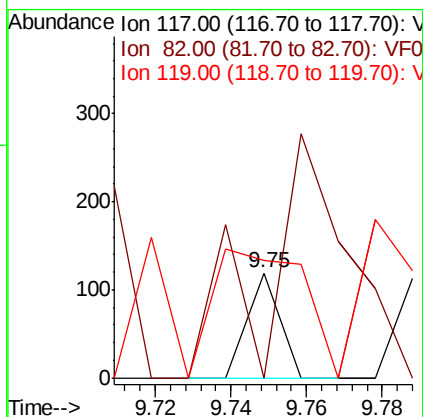
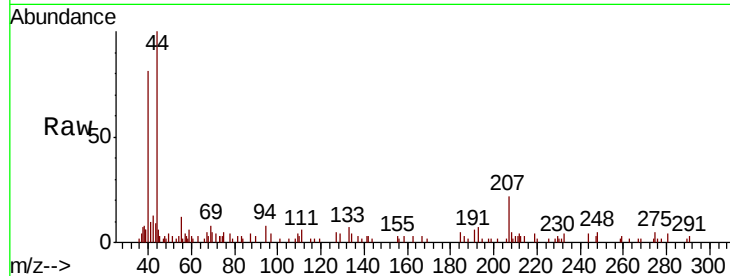




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 935
Delta R.T. -0.17 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

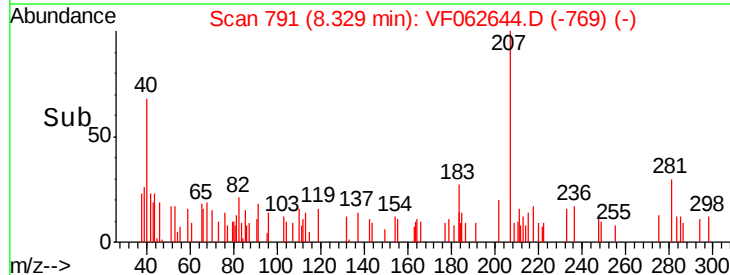
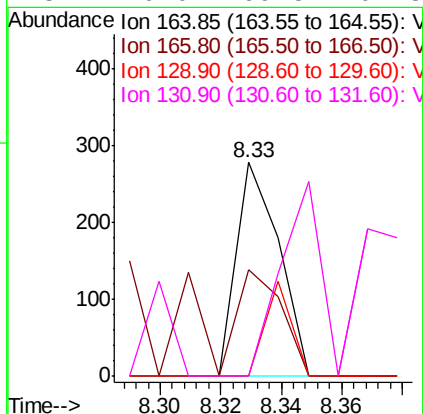
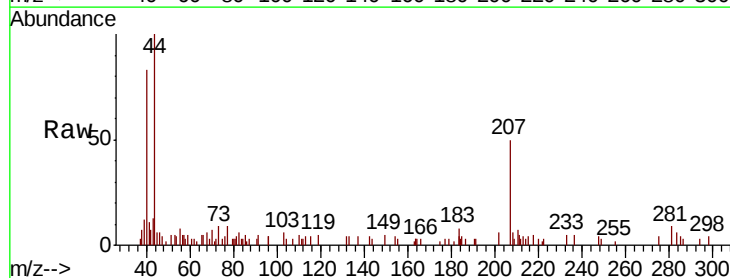
Instrument :
MSVOA_F
ClientSampled :

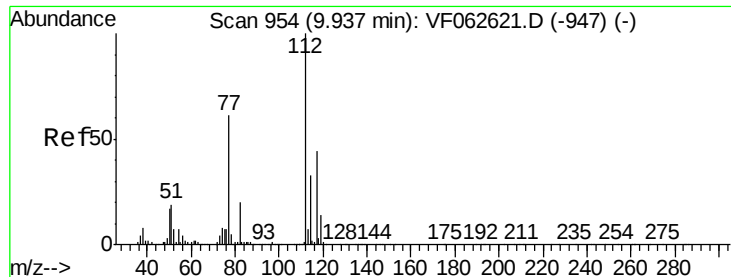
Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	43.3	64.9#
119	111.8	27.4	41.0#



#64
Tetrachloroethene
Concen: 488.677 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.02 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	49.6	105.5	158.3#
129	0.0	73.8	110.6#
131	0.0	69.5	104.3#

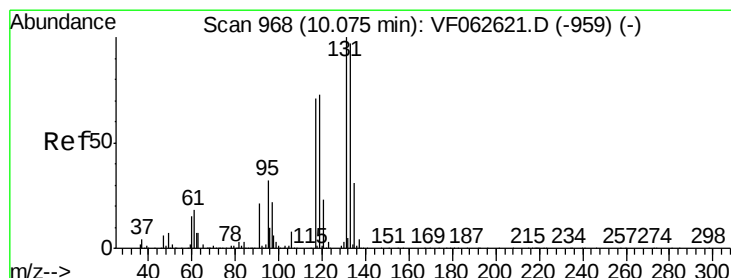
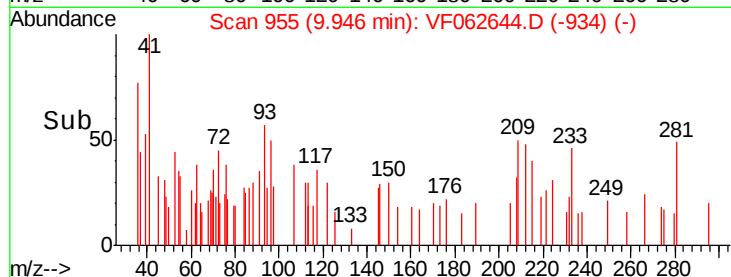
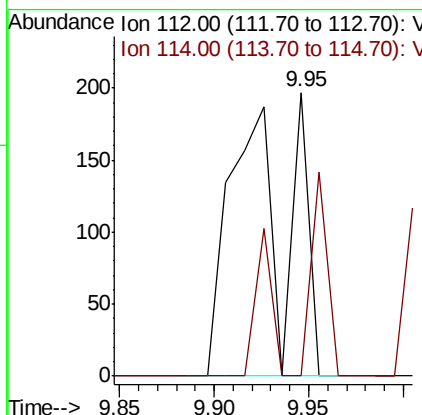
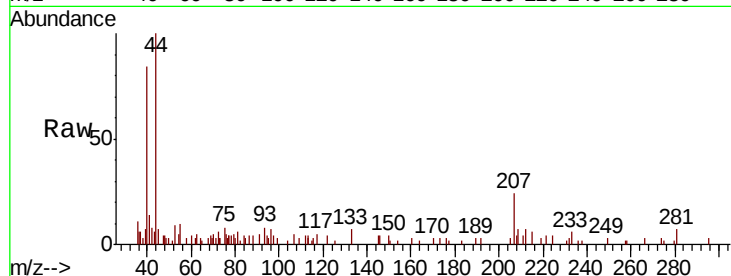




#65
Chlorobenzene
Concen: 290.937 ug/l
RT: 9.95 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

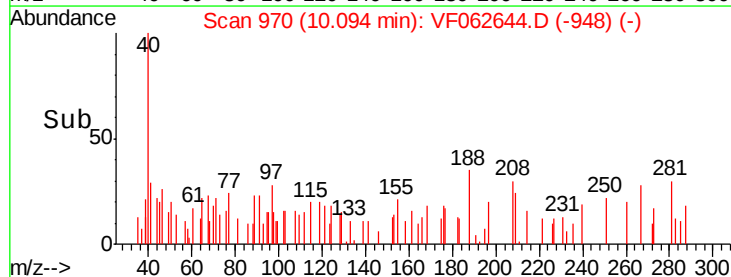
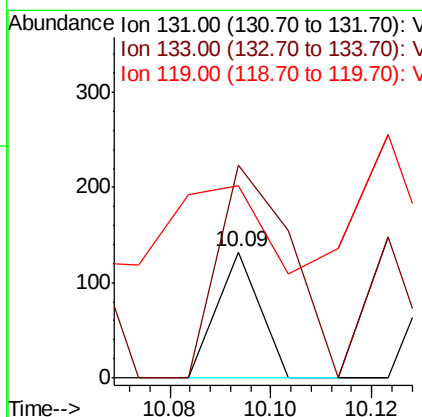
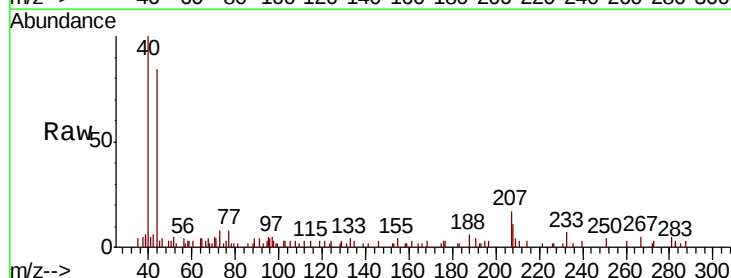
Instrument :
MSVOA_F
ClientSampleId :

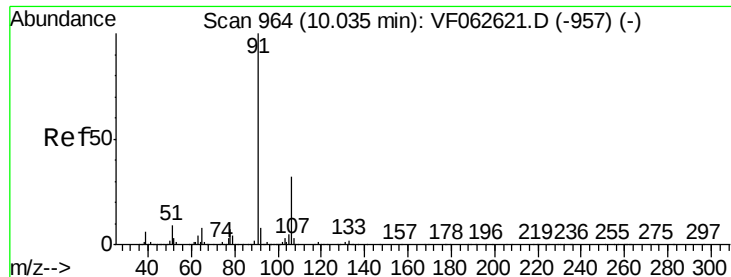
Tot Ion:112 Resp: 400
Ion Ratio Lower Upper
112 100
114 0.0 26.8 40.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 141.321 ug/l
RT: 10.09 min Scan# 970
Delta R.T. 0.02 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion:131 Resp: 78
Ion Ratio Lower Upper
131 100
133 168.9 48.5 145.5#
119 153.0 36.8 110.4#





#67

Ethyl Benzene

Concen: 388.538 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

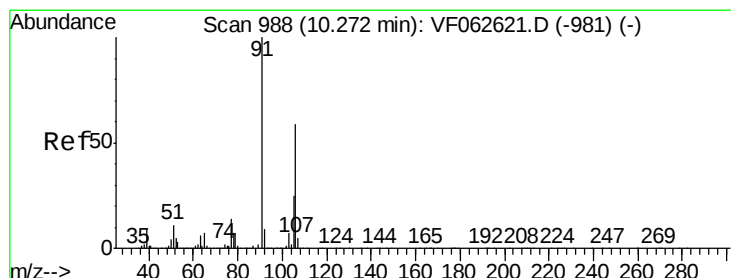
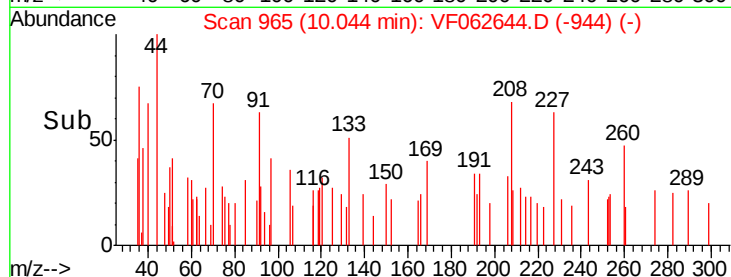
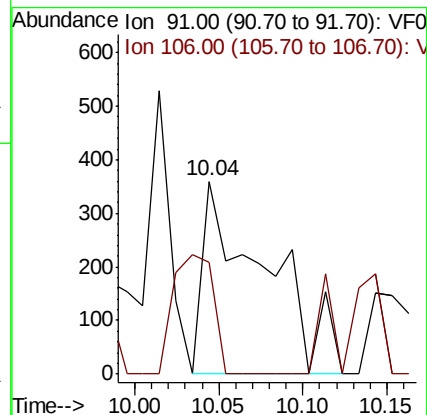
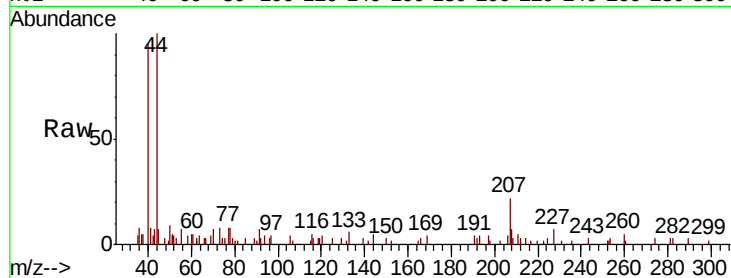
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 91 Resp: 928

Ion Ratio Lower Upper

91 100

106 57.8 25.8 38.8#



#68

m/p-Xylenes

Concen: 282.951 ug/l

RT: 10.29 min Scan# 990

Delta R.T. 0.02 min

Lab File: VF062644.D

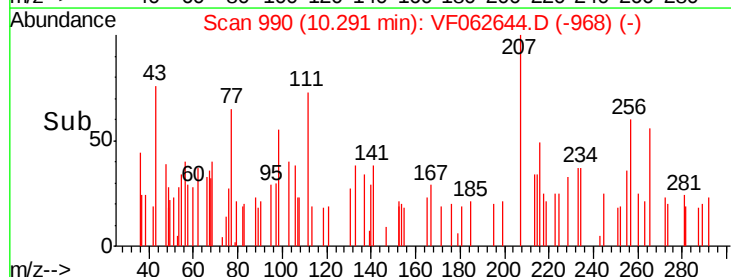
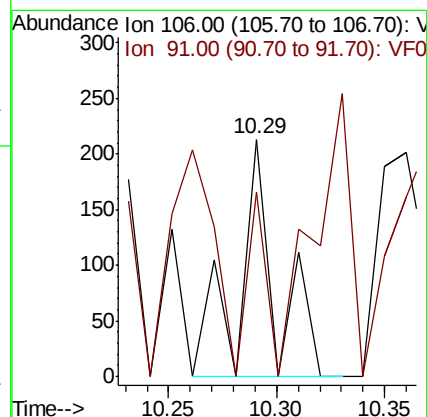
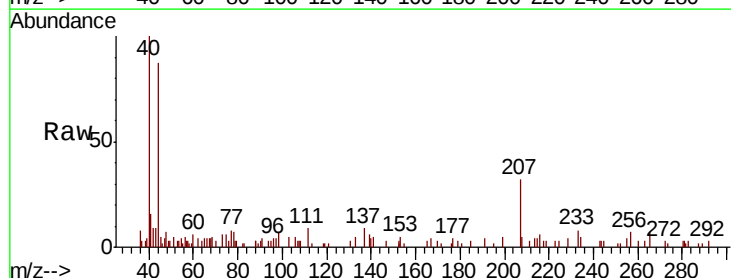
Acq: 17 May 2019 17:55

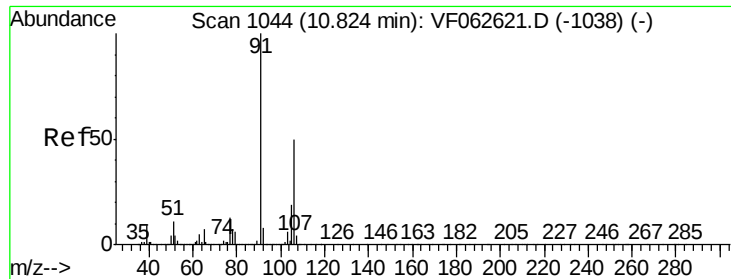
Tgt Ion: 106 Resp: 254

Ion Ratio Lower Upper

106 100

91 77.9 136.9 205.3#

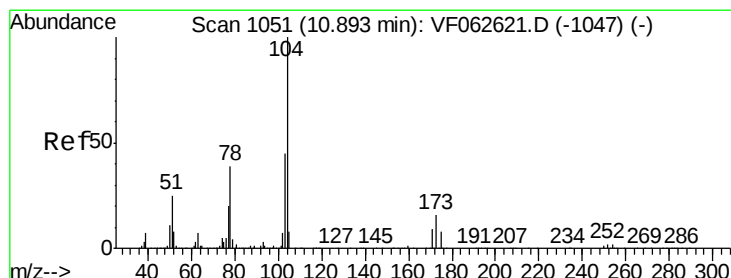
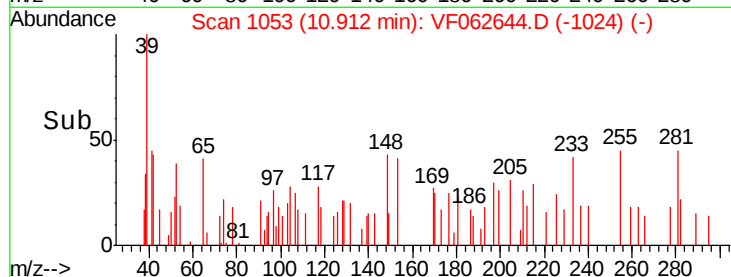
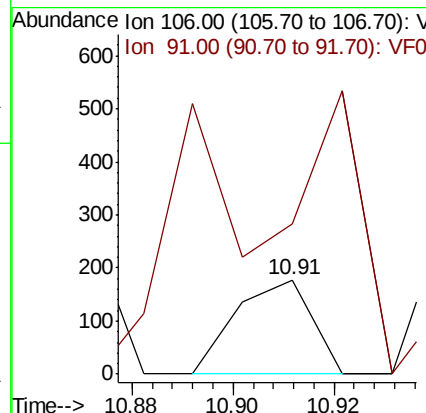
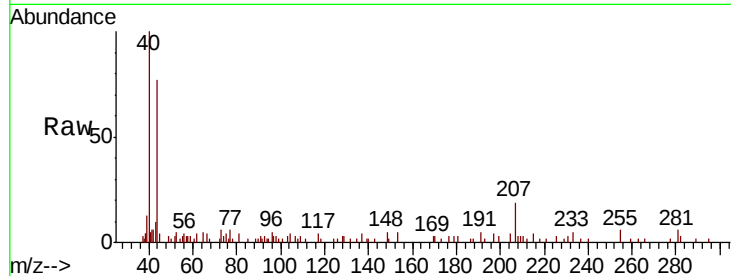




#69
o-Xylene
Concen: 201.164 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.09 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

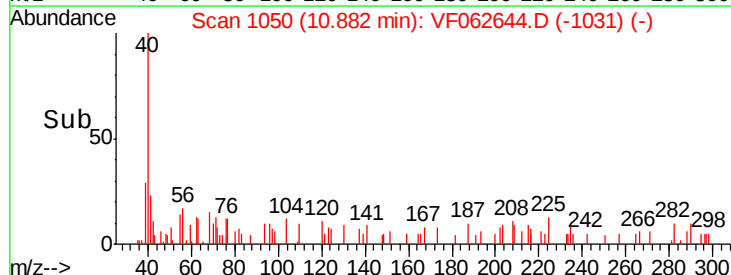
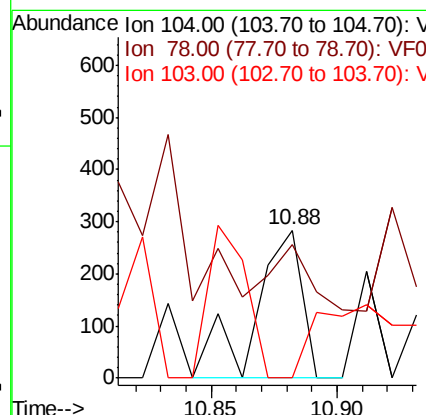
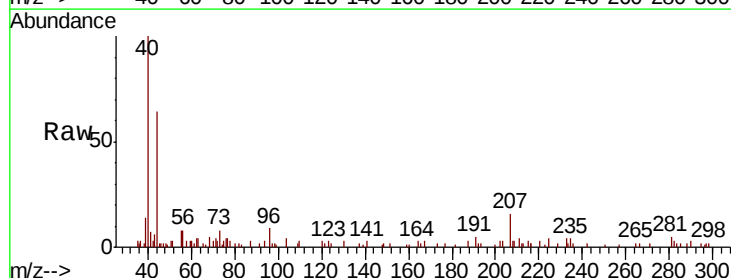
Instrument :
MSVOA_F
ClientSampled :

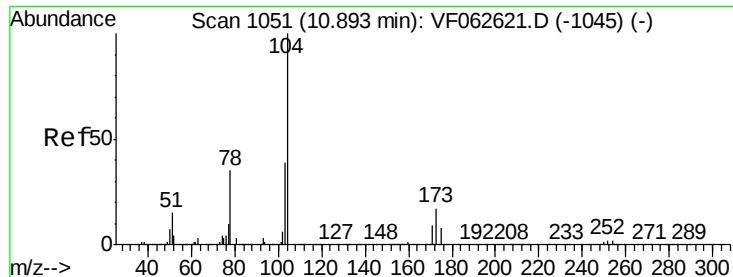
Tot Ion:106 Resp: 186
Ion Ratio Lower Upper
106 100
91 159.6 100.2 300.5



#70
Styrene
Concen: 262.565 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VF062644.D
Acq: 17 May 2019 17:55

Tgt Ion:104 Resp: 369
Ion Ratio Lower Upper
104 100
78 90.1 31.9 47.9#
103 0.0 36.1 54.1#





#71

Bromoform

Concen: 658.394 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

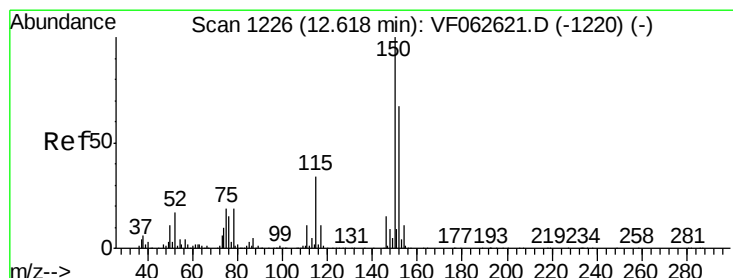
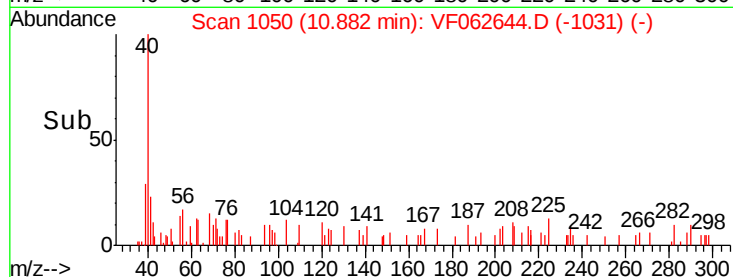
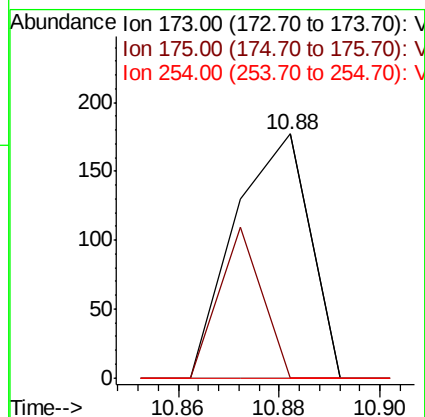
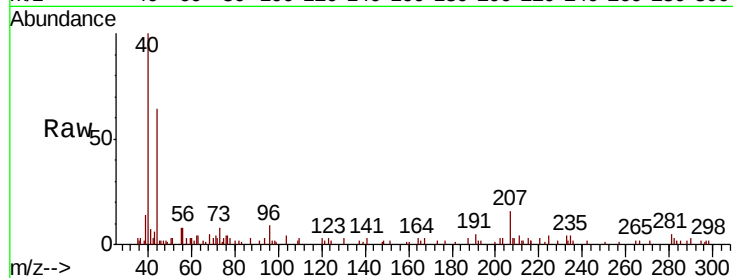
Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:173 Resp: 182

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.3	75.9#
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1228

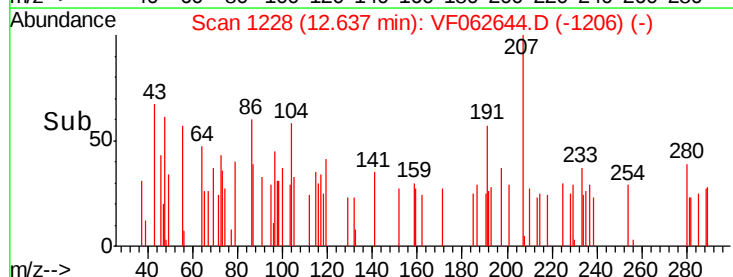
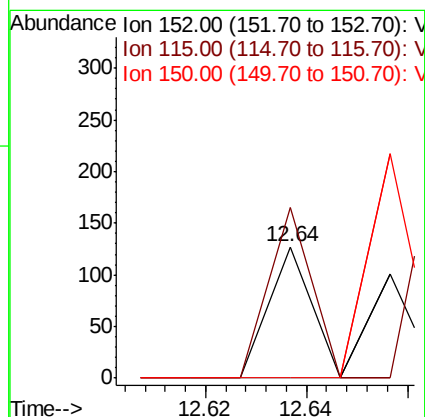
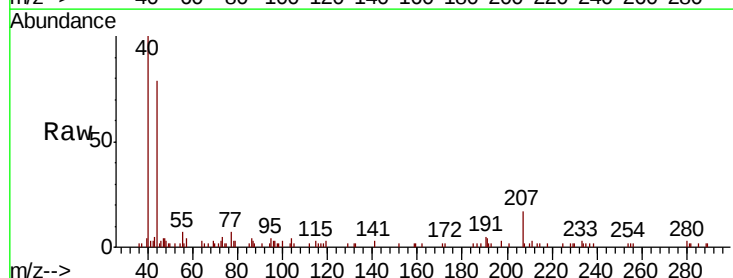
Delta R.T. 0.02 min

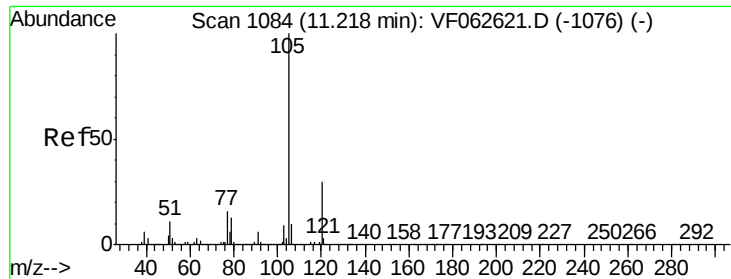
Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:152 Resp: 75

Ion	Ratio	Lower	Upper
152	100		
115	129.9	25.2	75.6#
150	0.0	0.0	306.2





#73

Isopropylbenzene

Concen: 78.506 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

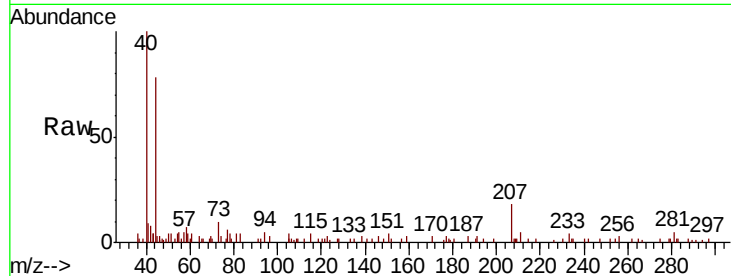
ClientSampleId :

Tot Ion:105 Resp: 422

Ion Ratio Lower Upper

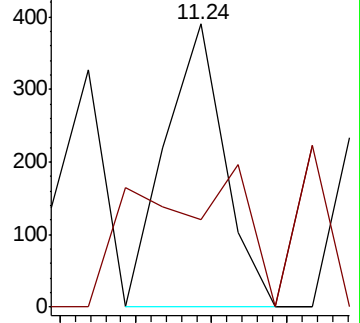
105 100

120 31.0 14.8 44.4

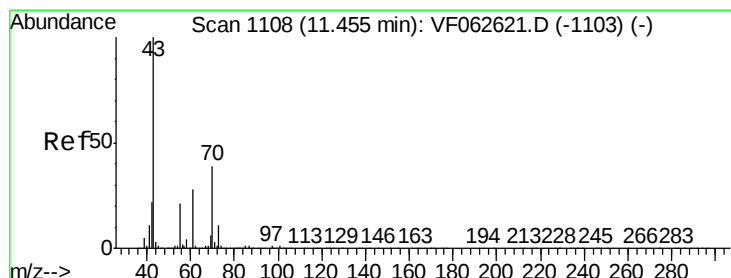
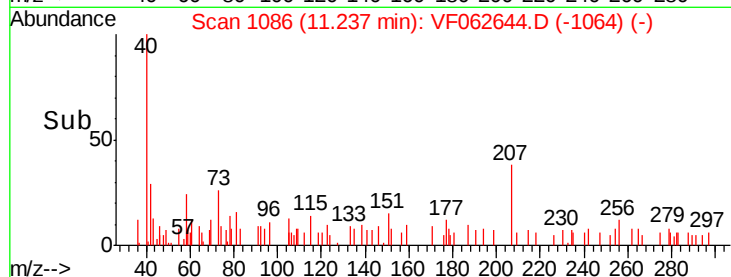


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 1006.999 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. 0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion: 43 Resp: 1236

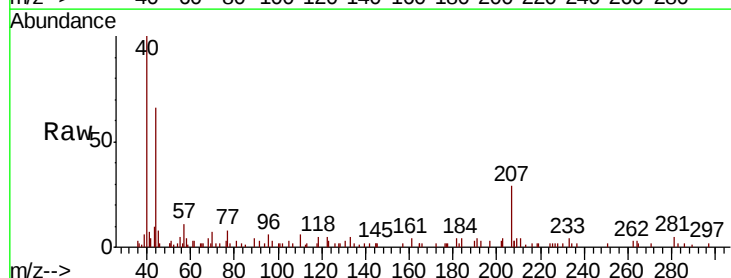
Ion Ratio Lower Upper

43 100

70 62.6 30.9 46.3#

55 49.6 17.0 25.4#

61 27.1 22.6 34.0

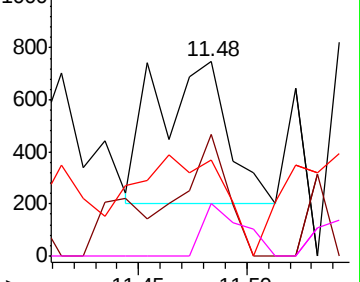


Abundance Ion 43.00 (42.70 to 43.70): VF0

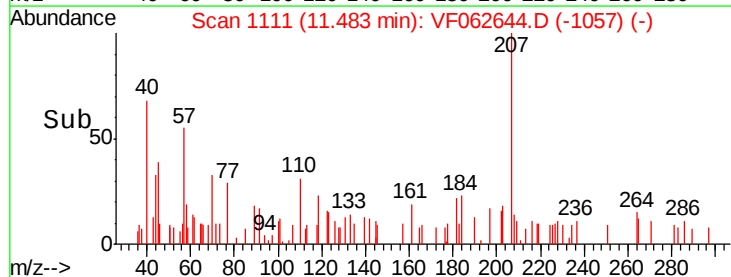
Ion 70.00 (69.70 to 70.70): VF0

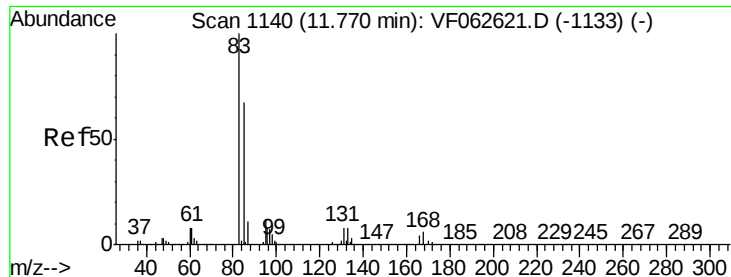
Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 135.636 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF062644.D

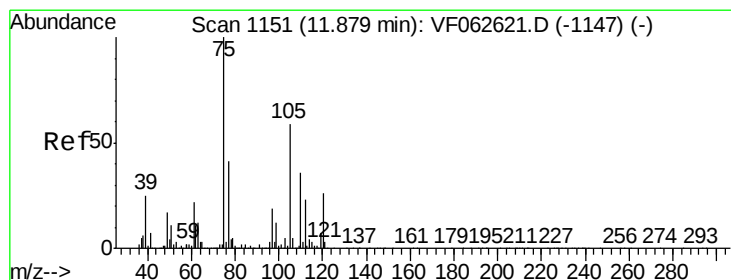
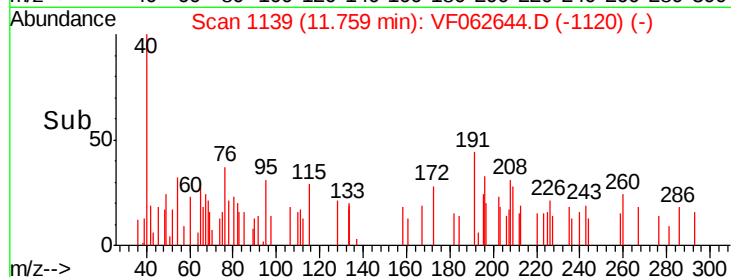
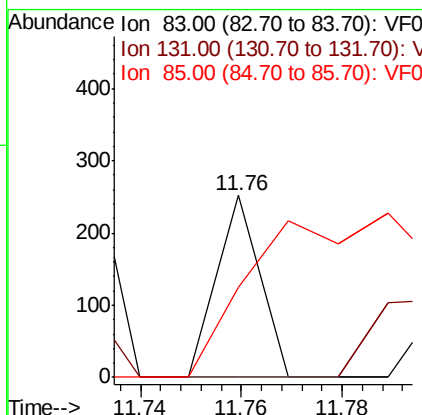
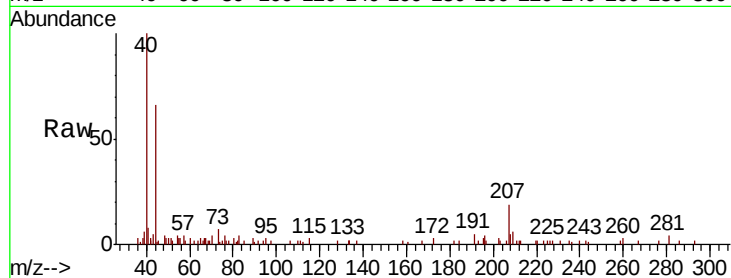
Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	83	Resp:	149
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	49.6	33.5	100.5



#76

1,2,3-Trichloropropane

Concen: 376.834 ug/l

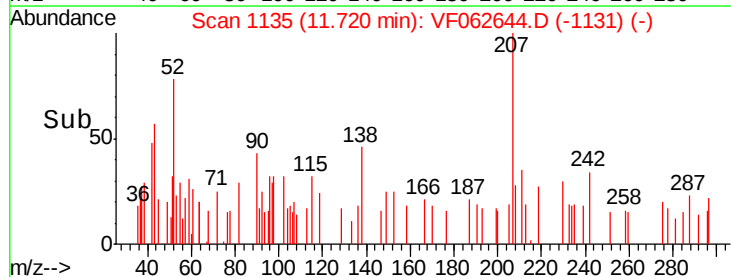
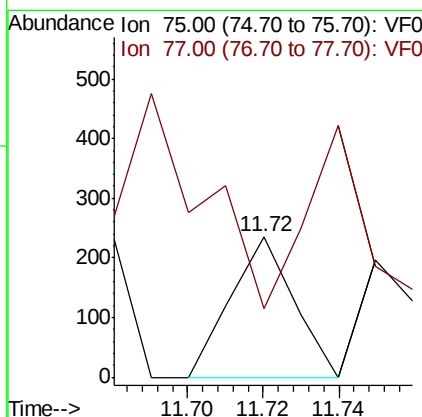
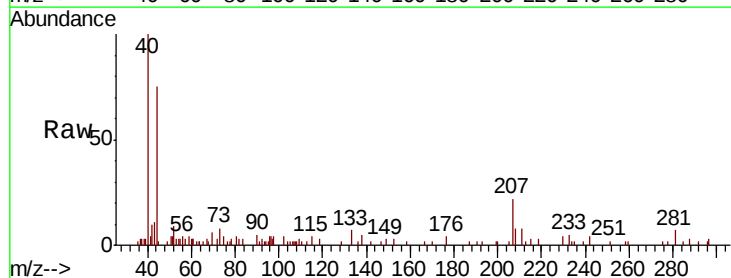
RT: 11.72 min Scan# 1135

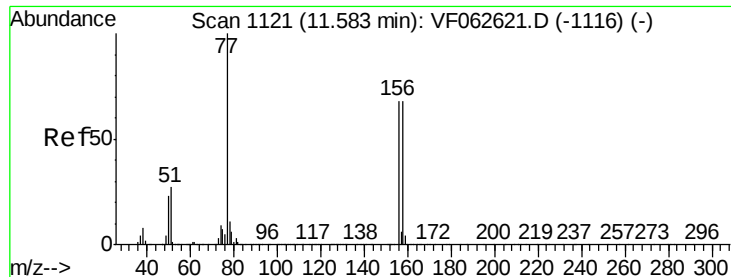
Delta R.T. -0.16 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	75	Resp:	272
Ion	Ratio	Lower	Upper
75	100		
77	48.3	20.6	61.8





#77

Bromobenzene

Concen: 52.389 ug/l

RT: 11.64 min Scan# 1127

Delta R.T. 0.06 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampled :

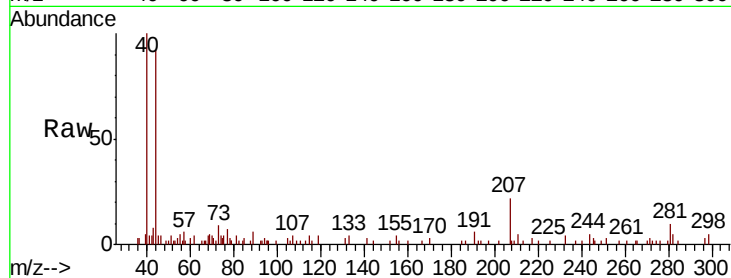
Tot Ion:156 Resp: 70

Ion Ratio Lower Upper

156 100

77 375.6 73.6 220.8#

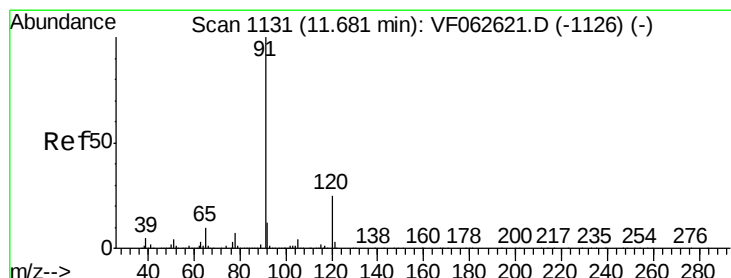
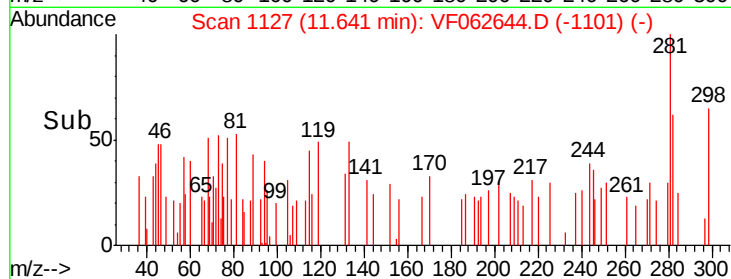
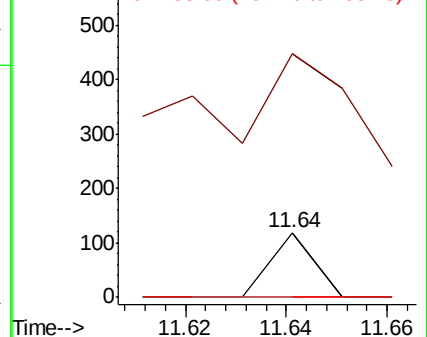
158 0.0 49.6 148.8#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 64.135 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.11 min

Lab File: VF062644.D

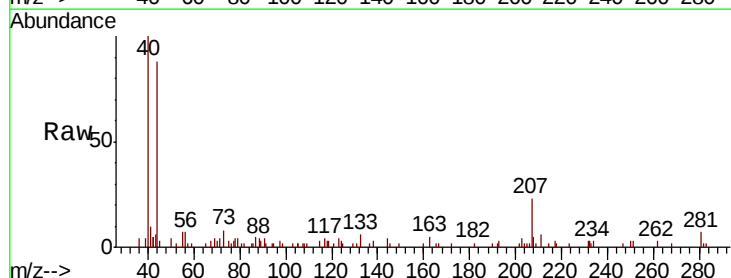
Acq: 17 May 2019 17:55

Tgt Ion: 91 Resp: 408

Ion Ratio Lower Upper

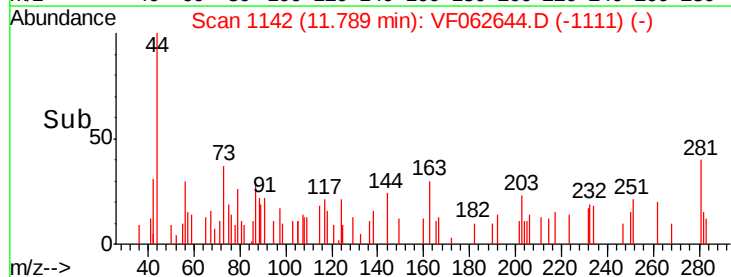
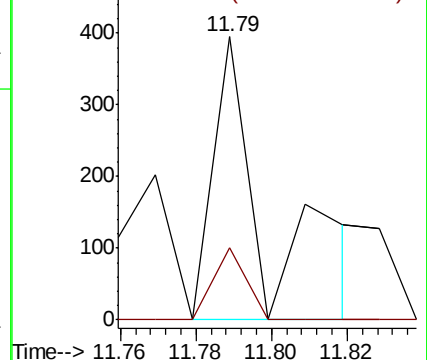
91 100

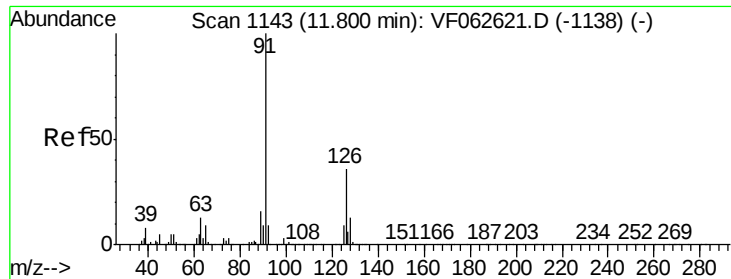
120 25.6 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 113.802 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

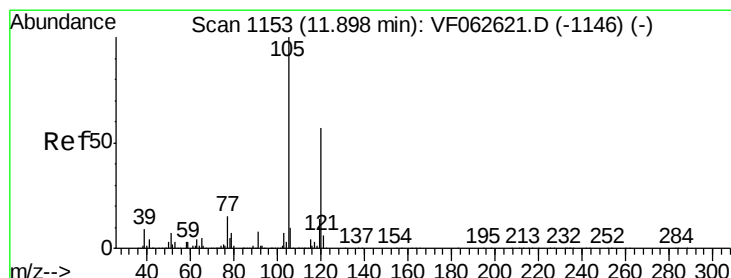
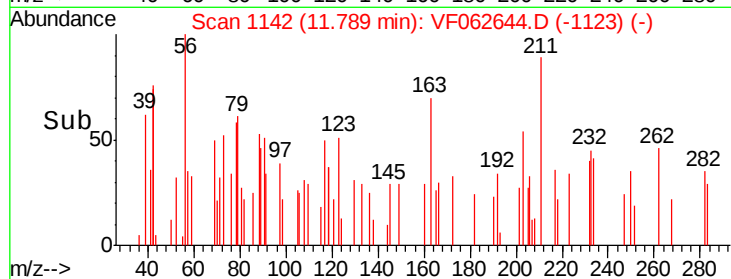
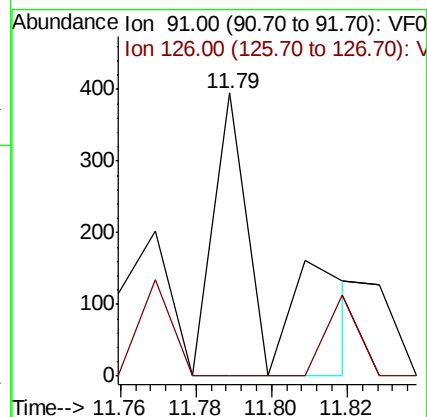
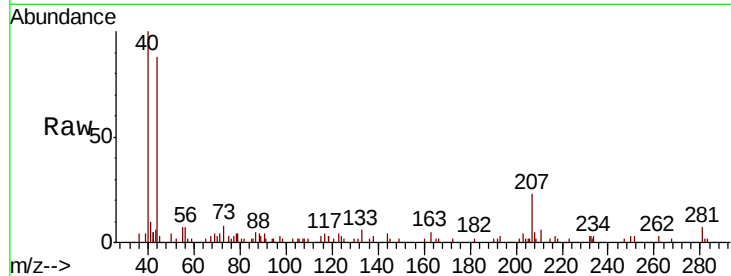
ClientSampleId :

Tot Ion: 91 Resp: 408

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 68.674 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.08 min

Lab File: VF062644.D

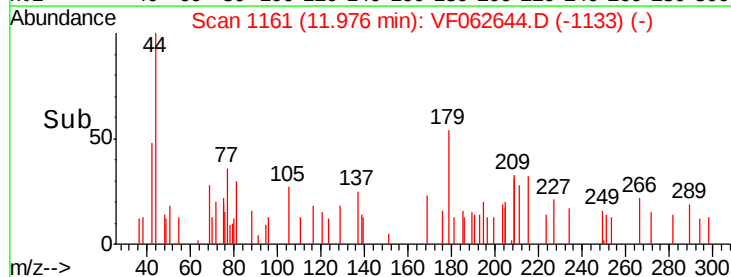
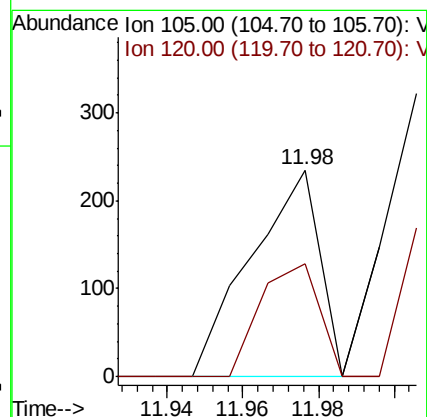
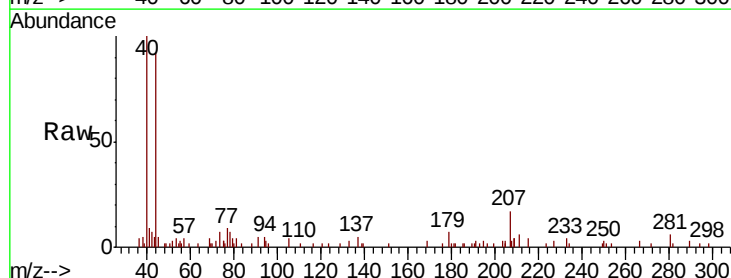
Acq: 17 May 2019 17:55

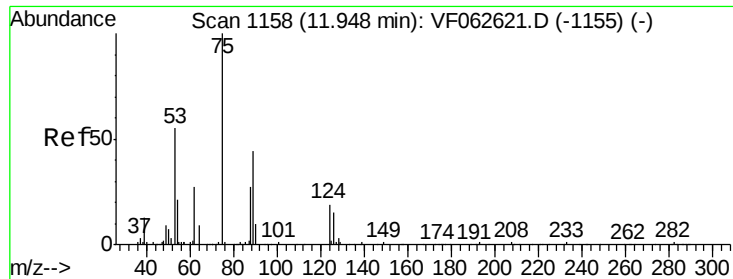
Tgt Ion:105 Resp: 296

Ion Ratio Lower Upper

105 100

120 54.9 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 1620.712 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.03 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampled :

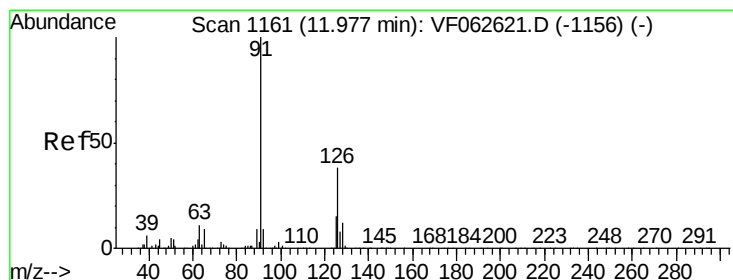
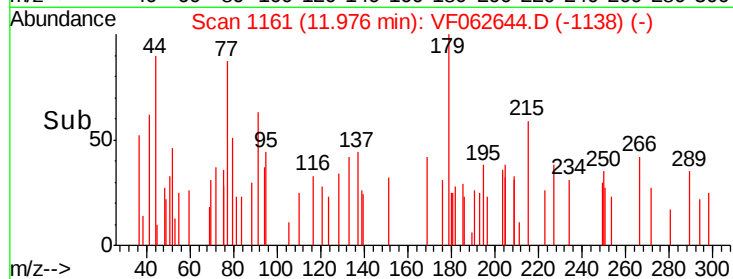
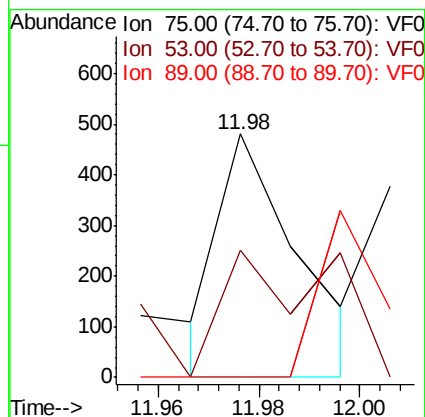
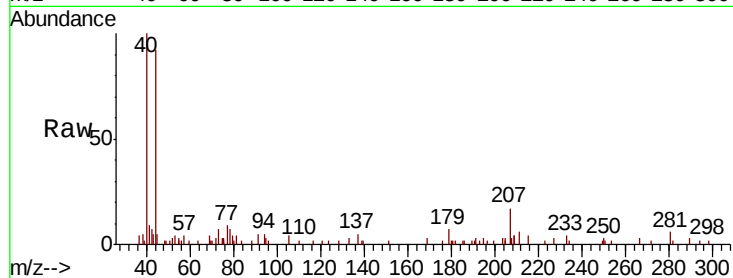
Tot Ion: 75 Resp: 520

Ion Ratio Lower Upper

75 100

53 52.2 46.9 70.3

89 0.0 36.4 54.6#



#82

4-Chlorotoluene

Concen: 202.238 ug/l

RT: 12.09 min Scan# 1173

Delta R.T. 0.12 min

Lab File: VF062644.D

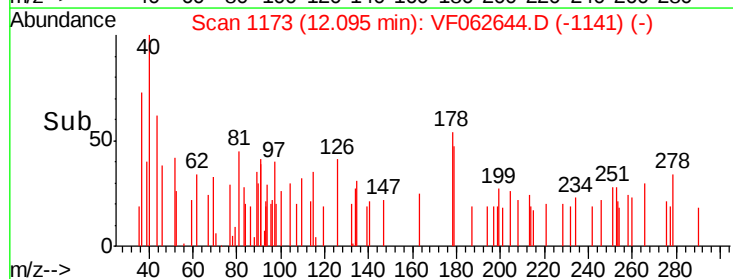
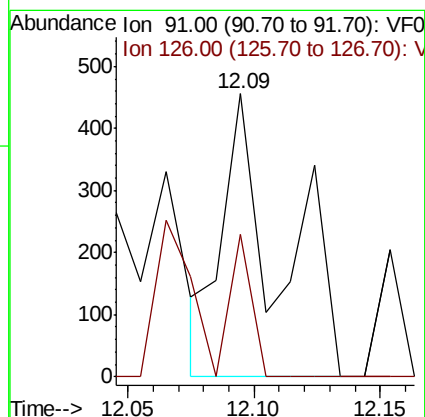
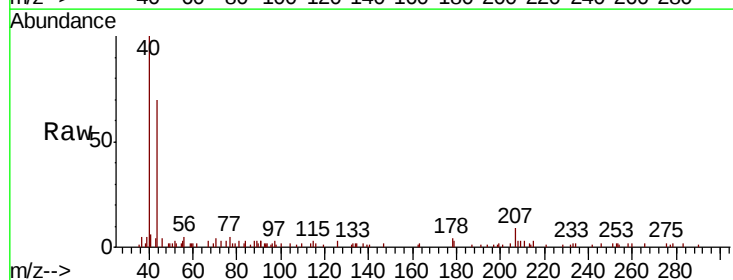
Acq: 17 May 2019 17:55

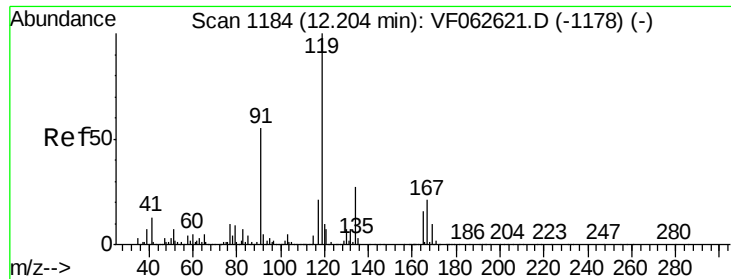
Tgt Ion: 91 Resp: 715

Ion Ratio Lower Upper

91 100

126 50.4 19.1 57.1





#83

tert-Butylbenzene

Concen: 62.429 ug/l

RT: 12.22 min Scan# 1186

Delta R.T. 0.02 min

Lab File: VF062644.D

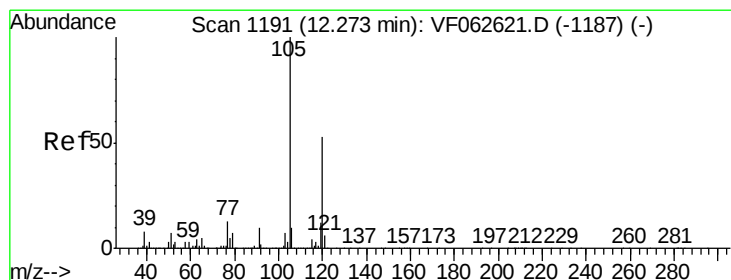
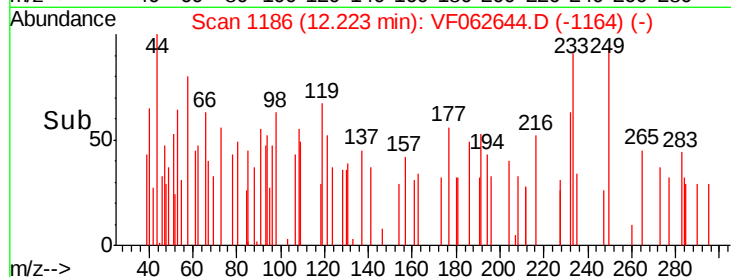
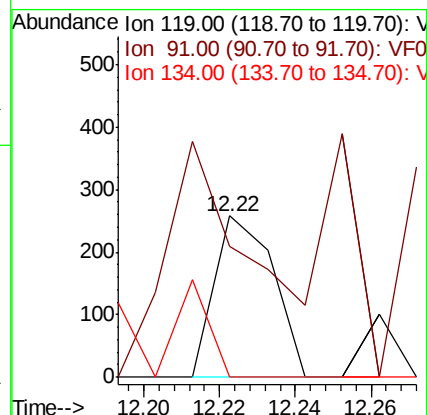
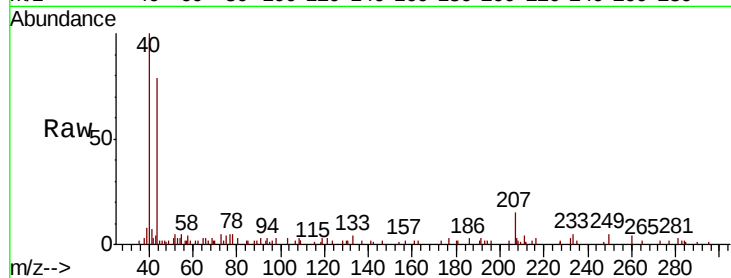
Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	119	Resp:	273
Ion	Ratio	Lower	Upper
119	100		
91	81.4	27.3	81.9
134	0.0	13.6	40.7#



#84

1,2,4-Trimethylbenzene

Concen: 47.702 ug/l

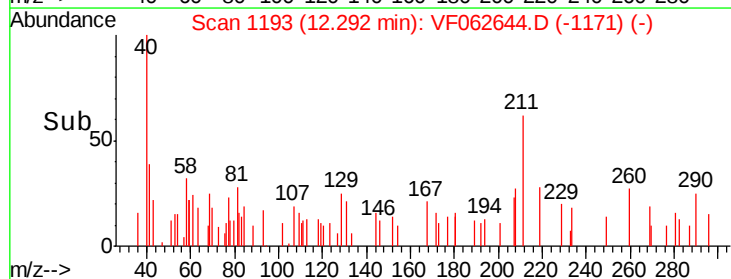
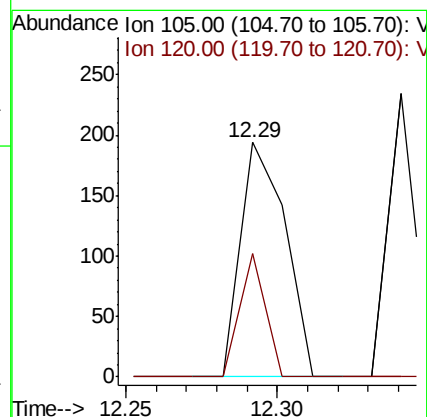
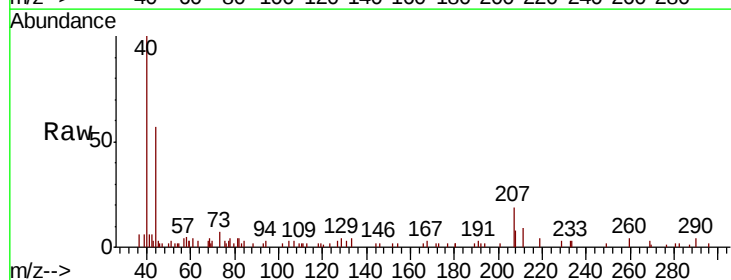
RT: 12.29 min Scan# 1193

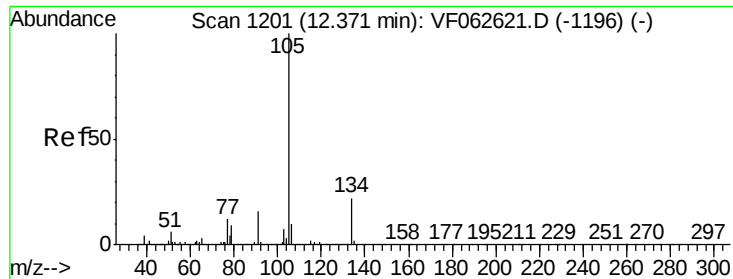
Delta R.T. 0.02 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	105	Resp:	199
Ion	Ratio	Lower	Upper
105	100		
120	52.6	26.7	80.1

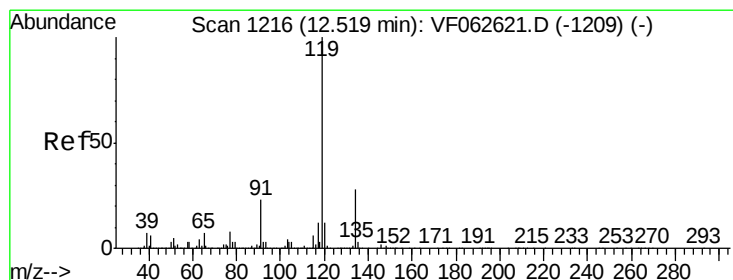
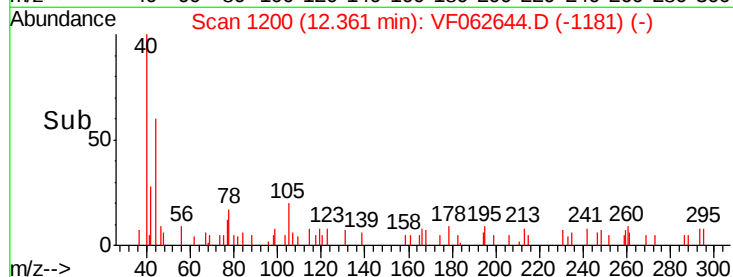
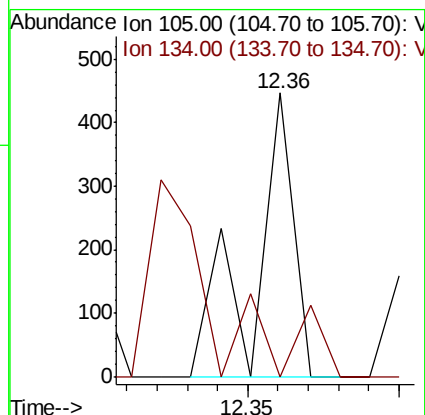
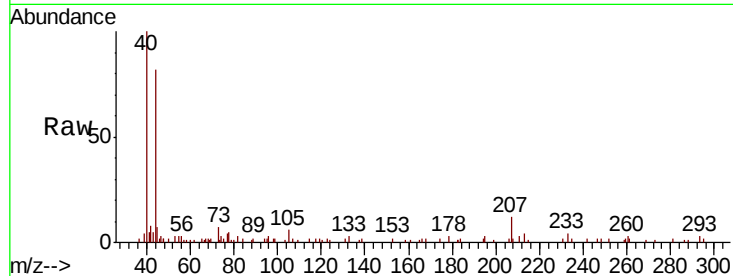




#85
 sec-Butylbenzene
 Concen: 68.671 ug/l
 RT: 12.36 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

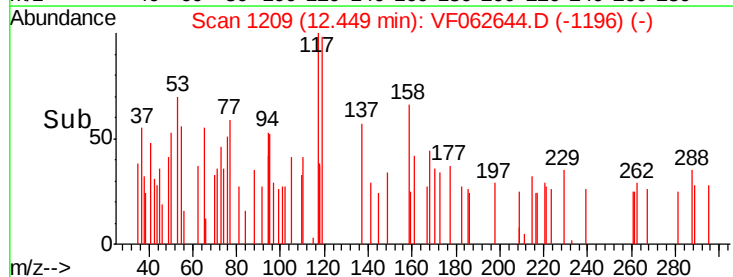
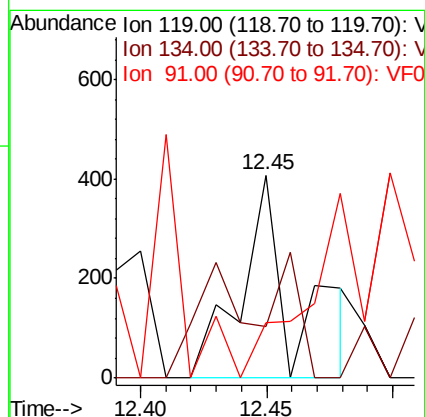
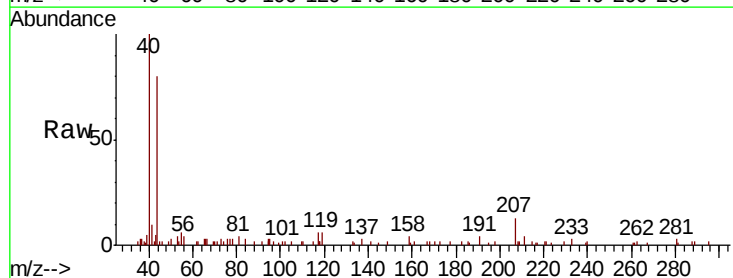
Instrument :
 MSVOA_F
 ClientSampleId :

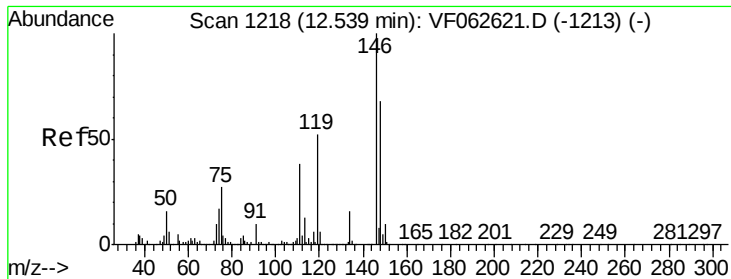
Tot Ion:105 Resp: 403
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 123.338 ug/l
 RT: 12.45 min Scan# 1209
 Delta R.T. -0.07 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Tgt Ion:119 Resp: 610
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.1 42.3
 91 27.2 11.4 34.2

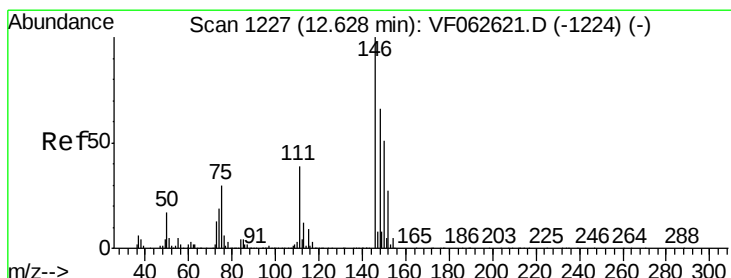
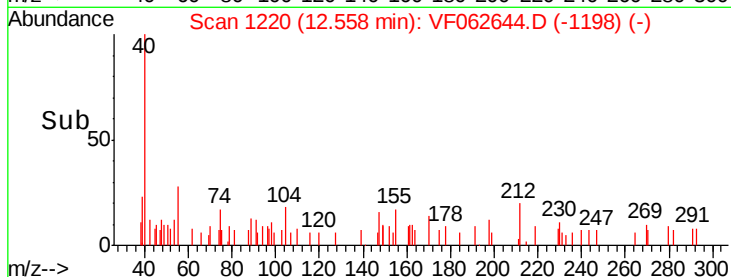
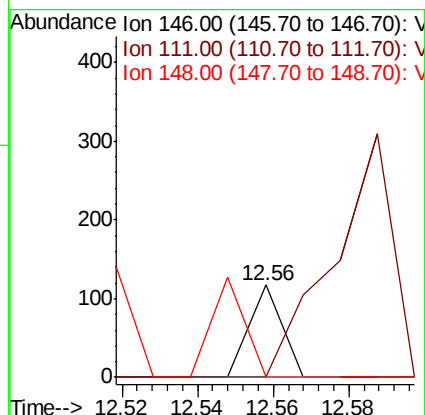
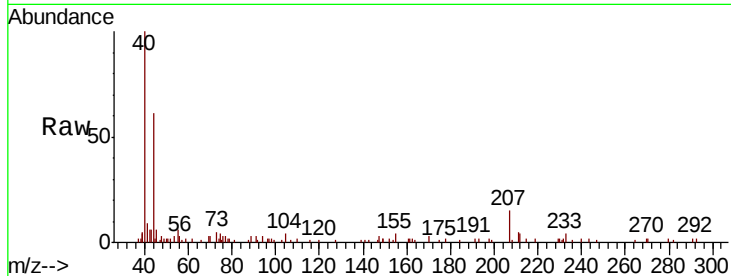




#87
 1,3-Dichlorobenzene
 Concen: 28.543 ug/l
 RT: 12.56 min Scan# 1220
 Delta R.T. 0.02 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

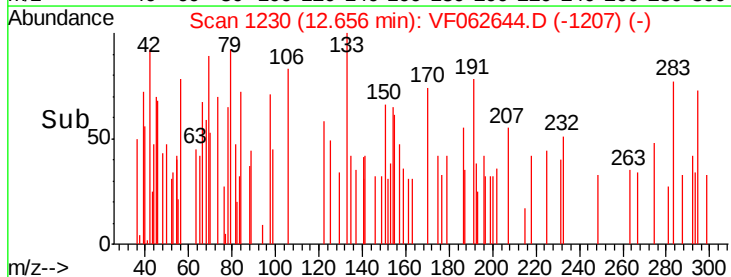
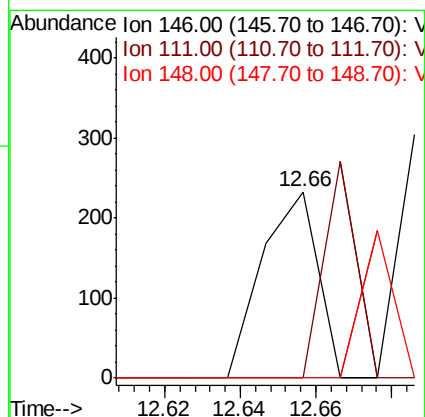
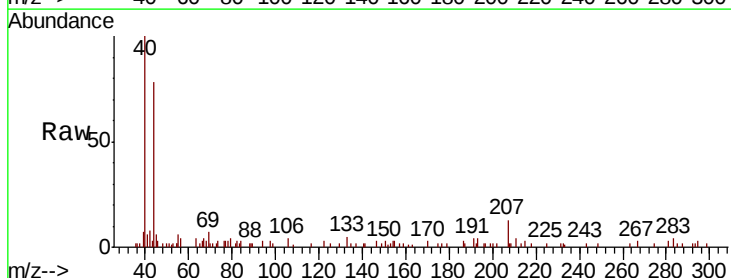
Instrument :
 MSVOA_F
 ClientSampleId :

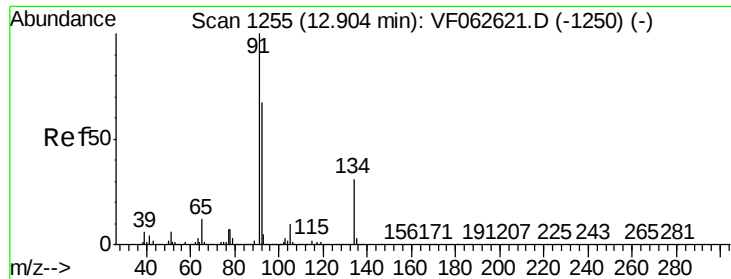
Tot Ion:146 Resp: 69
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.9#
 148 0.0 34.0 101.8#



#88
 1,4-Dichlorobenzene
 Concen: 104.914 ug/l
 RT: 12.66 min Scan# 1230
 Delta R.T. 0.03 min
 Lab File: VF062644.D
 Acq: 17 May 2019 17:55

Tgt Ion:146 Resp: 238
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.2#
 148 0.0 33.2 99.6#





#89

n-Butylbenzene

Concen: 107.869 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampled :

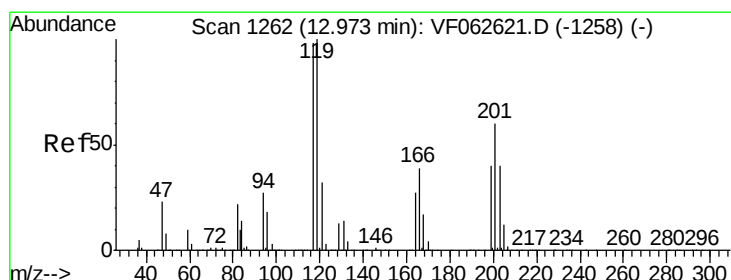
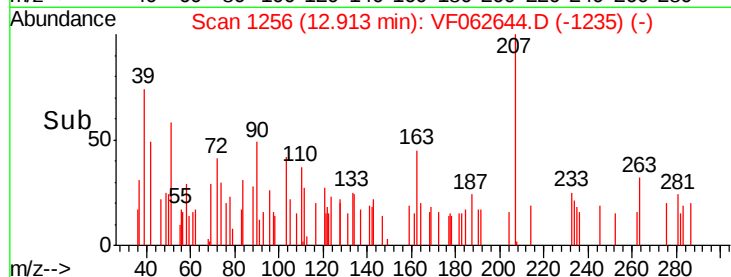
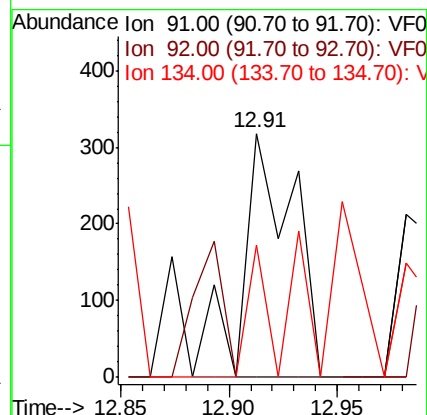
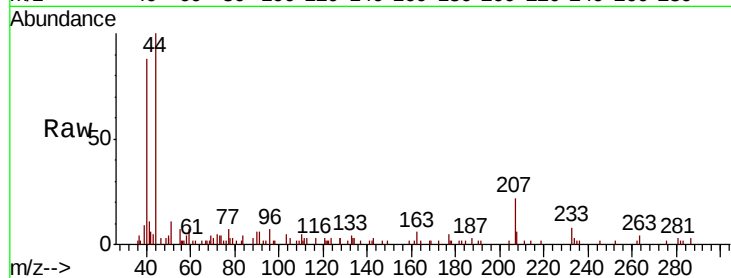
Tot Ion: 91 Resp: 526

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

134 54.1 15.4 46.4#



#90

Hexachloroethane

Concen: 97.773 ug/l

RT: 13.11 min Scan# 1276

Delta R.T. 0.14 min

Lab File: VF062644.D

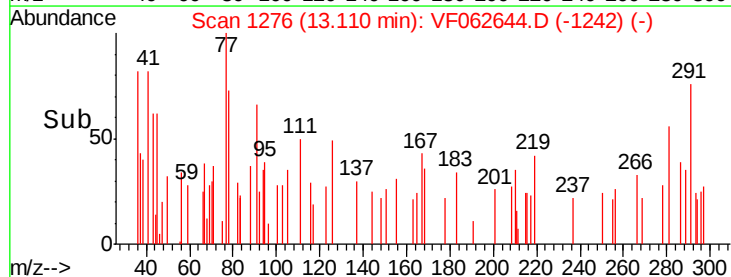
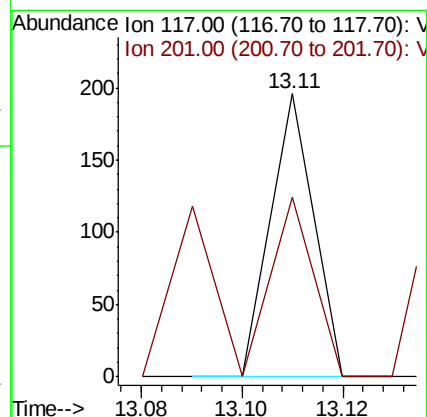
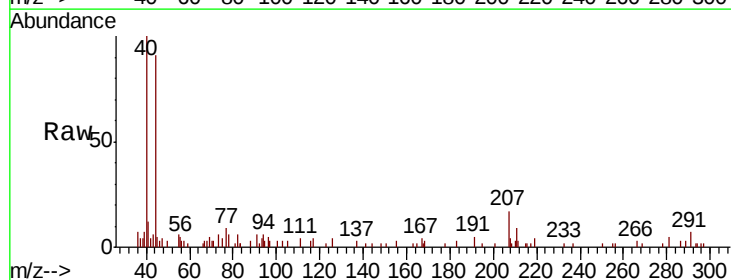
Acq: 17 May 2019 17:55

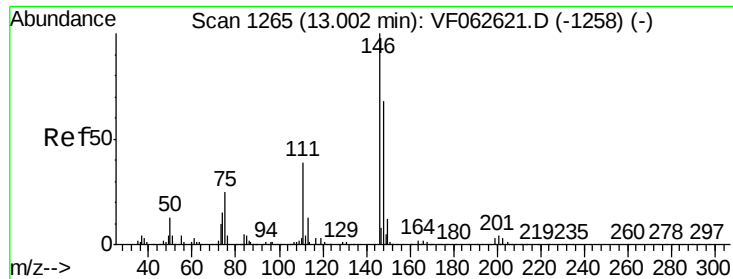
Tgt Ion: 117 Resp: 116

Ion Ratio Lower Upper

117 100

201 63.3 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 36.662 ug/l

RT: 12.95 min Scan# 1260

Delta R.T. -0.05 min

Lab File: VF062644.D

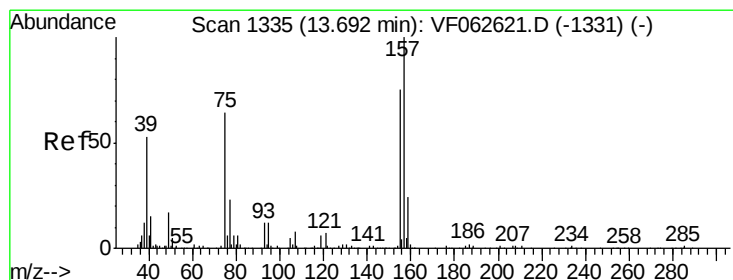
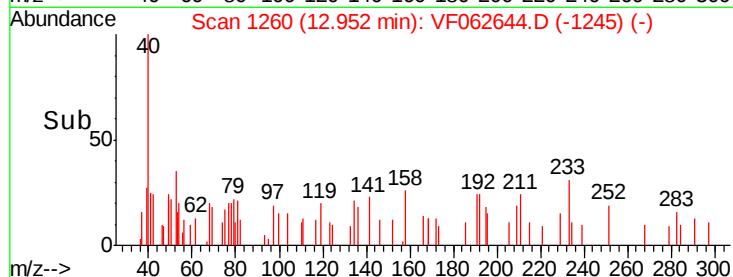
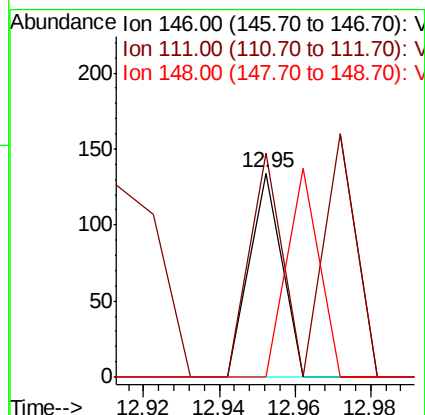
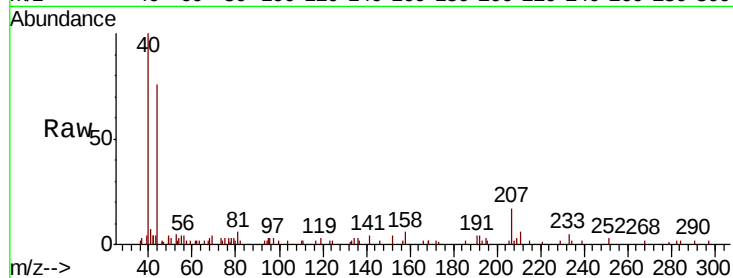
Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	146	Resp:	79
Ion	Ratio	Lower	Upper
146	100		
111	109.7	19.8	59.3#
148	0.0	34.1	102.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 648.605 ug/l

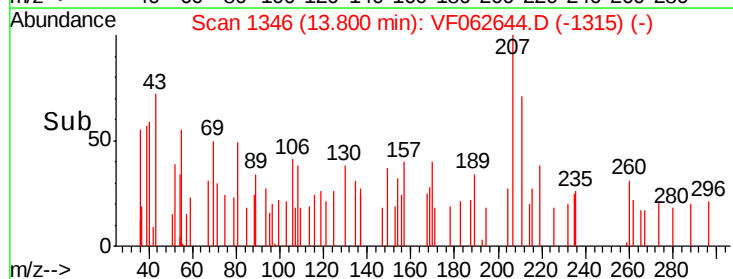
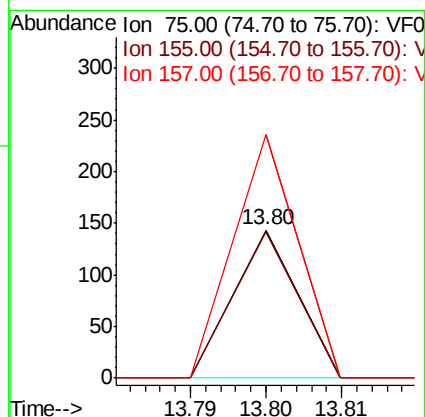
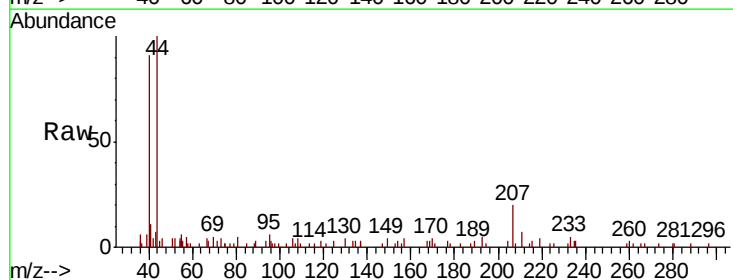
RT: 13.80 min Scan# 1346

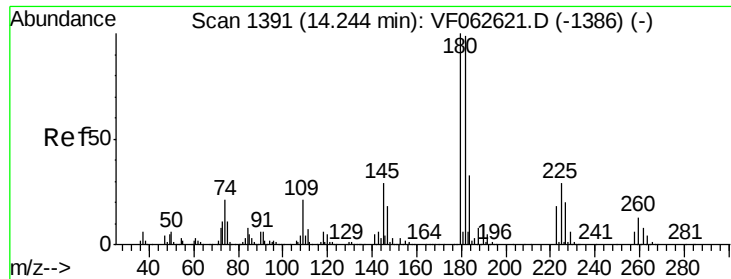
Delta R.T. 0.11 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Tgt Ion:	75	Resp:	85
Ion	Ratio	Lower	Upper
75	100		
155	99.3	58.1	174.3
157	165.0	77.8	233.4





#93

1,2,4-Trichlorobenzene

Concen: 47.976 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampled :

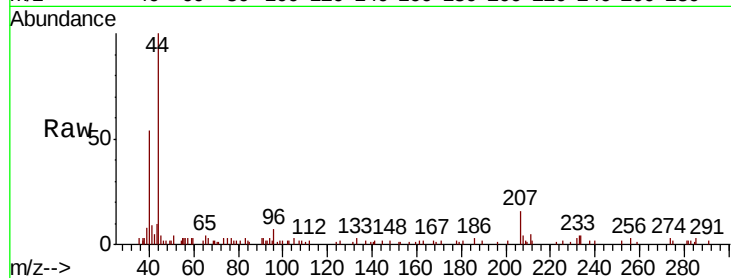
Tot Ion:180 Resp: 74

Ion Ratio Lower Upper

180 100

182 0.0 49.7 149.1#

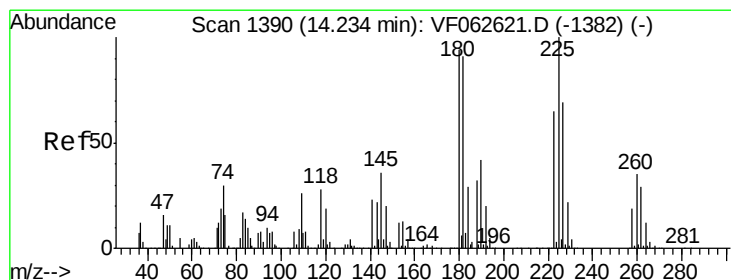
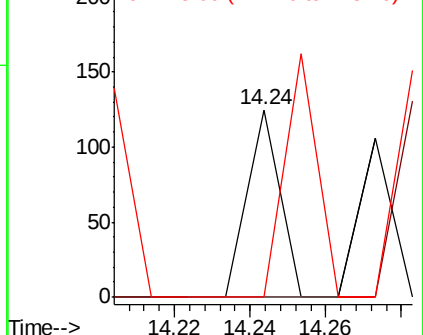
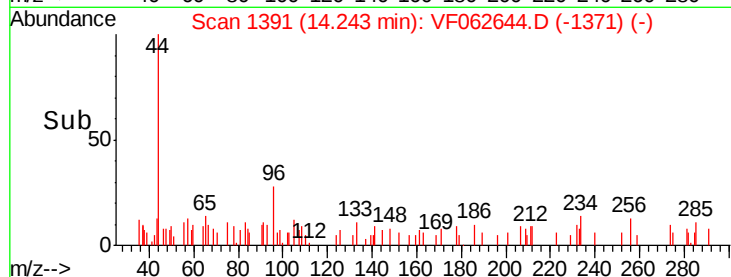
145 0.0 14.6 44.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94

Hexachlorobutadiene

Concen: 178.371 ug/l

RT: 14.22 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

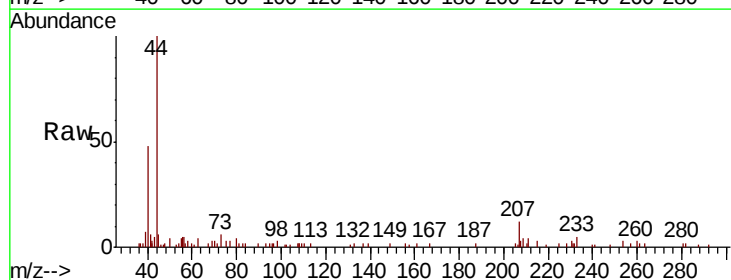
Tgt Ion:225 Resp: 192

Ion Ratio Lower Upper

225 100

223 0.0 32.5 97.4#

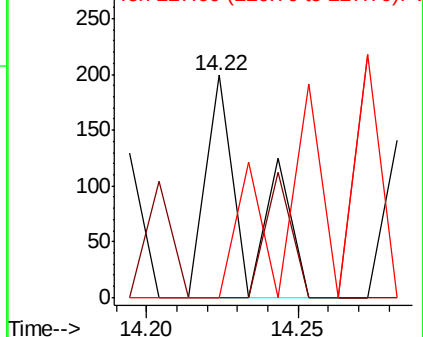
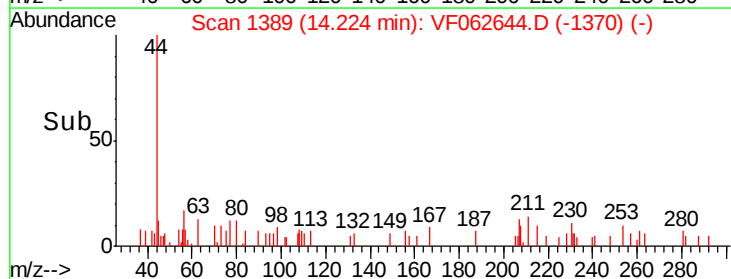
227 0.0 34.5 103.5#

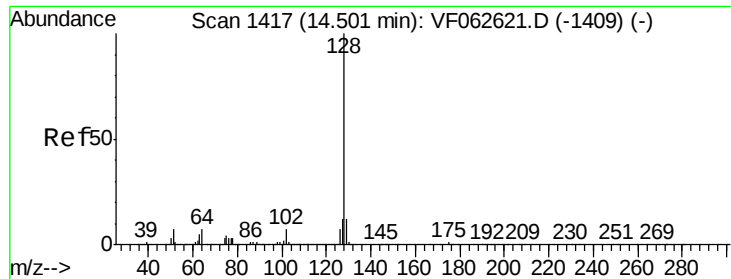


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 42.825 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

Instrument :

MSVOA_F

ClientSampleId :

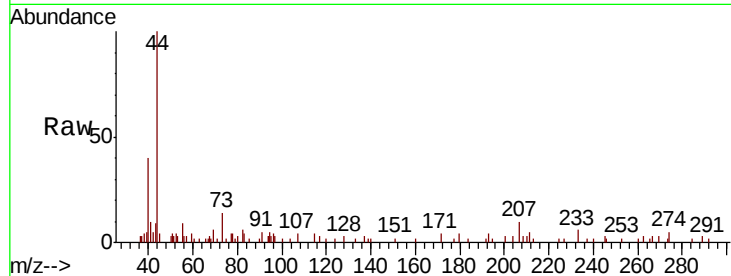
Tot Ion:128 Resp: 120

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

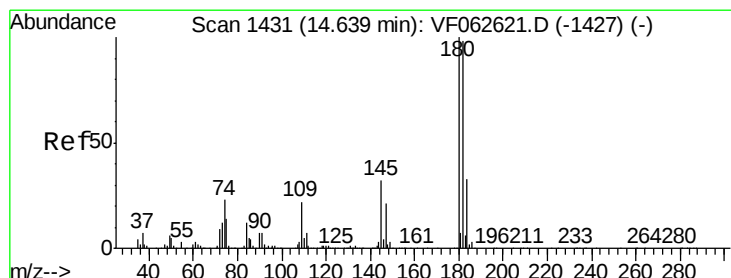
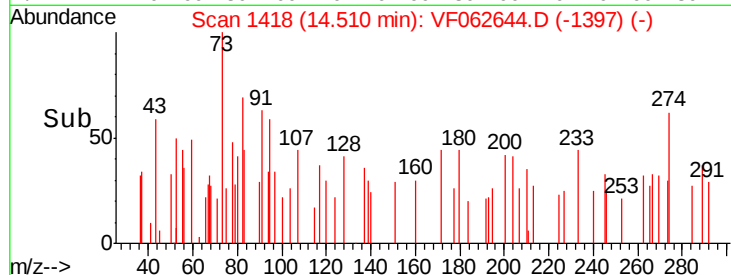
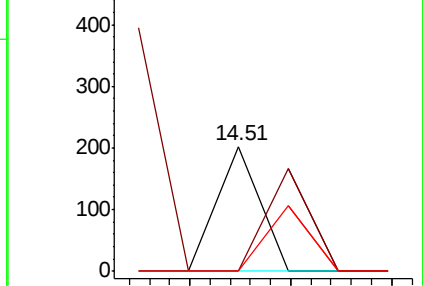
129 0.0 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 63.655 ug/l

RT: 14.63 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VF062644.D

Acq: 17 May 2019 17:55

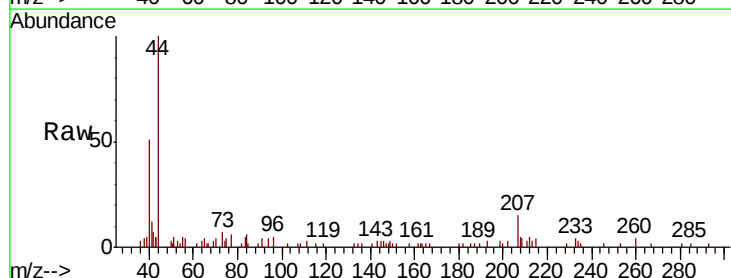
Tgt Ion:180 Resp: 93

Ion Ratio Lower Upper

180 100

182 66.9 48.9 146.7

145 122.3 16.1 48.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

