

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062646.D
 Acq On : 17 May 2019 18:51
 Operator : FY/SY
 Sample : K2894-10
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

Quant Time: May 18 01:43:07 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	5.05	168	58666	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	46473	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	7142	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.60	152	228	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	3664	8.84	ug/l	0.00
Spiked Amount			Recovery	=	17.68%	
35) Dibromofluoromethane	4.30	113	8257	23.22	ug/l	-0.01
Spiked Amount			Recovery	=	46.44%	
50) Toluene-d8	7.71	98	23022	27.11	ug/l	-0.01
Spiked Amount			Recovery	=	54.22%	
62) 4-Bromofluorobenzene	11.49	95	1228	3.81	ug/l	-0.01
Spiked Amount			Recovery	=	7.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	903	1.131	ug/l #	41
3) Chloromethane	1.11	50	2335	3.176	ug/l	93
5) Bromomethane	1.47	94	1255	3.390	ug/l	90
6) Chloroethane	1.31	64	607	2.442	ug/l	94
8) Diethyl Ether	1.67	74	752	4.178	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.89	101	618	1.068	ug/l #	69
11) Tert butyl alcohol	2.71	59	105	3.836	ug/l #	70
13) Acrolein	2.12	56	575	20.126	ug/l #	48
14) Allyl chloride	2.21	41	2453	5.143	ug/l #	52
15) Acrylonitrile	3.07	53	489	6.334	ug/l #	67
16) Acetone	2.34	43	1880	17.480	ug/l	97
17) Carbon Disulfide	1.88	76	2293	1.468	ug/l #	58
18) Methyl Acetate	2.47	43	860	5.088	ug/l #	52
19) Methyl tert-butyl Ether	2.61	73	2229	2.366	ug/l #	76
20) Methylene Chloride	2.31	84	1497	2.777	ug/l #	60
22) Diisopropyl ether	2.91	45	1281	1.089	ug/l #	74
23) Vinyl Acetate	3.33	43	1095	1.380	ug/l #	73
25) 2-Butanone	4.63	43	1190	5.179	ug/l	98
26) 2,2-Dichloropropane	3.72	77	659	1.335	ug/l	78
29) Tetrahydrofuran	4.27	42	358	3.850	ug/l #	70
32) 1,1,1-Trichloroethane	4.29	97	884	1.111	ug/l #	74
37) Ethyl Acetate	4.29	43	2043	10.507	ug/l #	24
41) Methacrylonitrile	4.92	41	431	4.228	ug/l #	57
42) 1,2-Dichloroethane	5.15	62	315	1.218	ug/l	71
43) Isopropyl Acetate	7.10	43	513	2.037	ug/l #	43
45) 1,2-Dichloropropane	6.55	63	404	1.234	ug/l	93
46) Dibromomethane	6.29	93	435	2.298	ug/l #	31
48) Methyl methacrylate	6.86	41	886	6.729	ug/l #	37
49) 1,4-Dioxane	6.88	88	71	42.103	ug/l #	1
51) 4-Methyl-2-Pentanone	8.34	43	758	4.402	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	922	2.868	ug/l #	74
54) cis-1,3-Dichloropropene	7.44	75	830	1.845	ug/l #	1
55) 1,1,2-Trichloroethane	8.65	97	468	2.323	ug/l #	69
56) Ethyl methacrylate	8.74	69	697	2.904	ug/l #	42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062646.D
 Acq On : 17 May 2019 18:51
 Operator : FY/SY
 Sample : K2894-10
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

Quant Time: May 18 01:43:07 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)

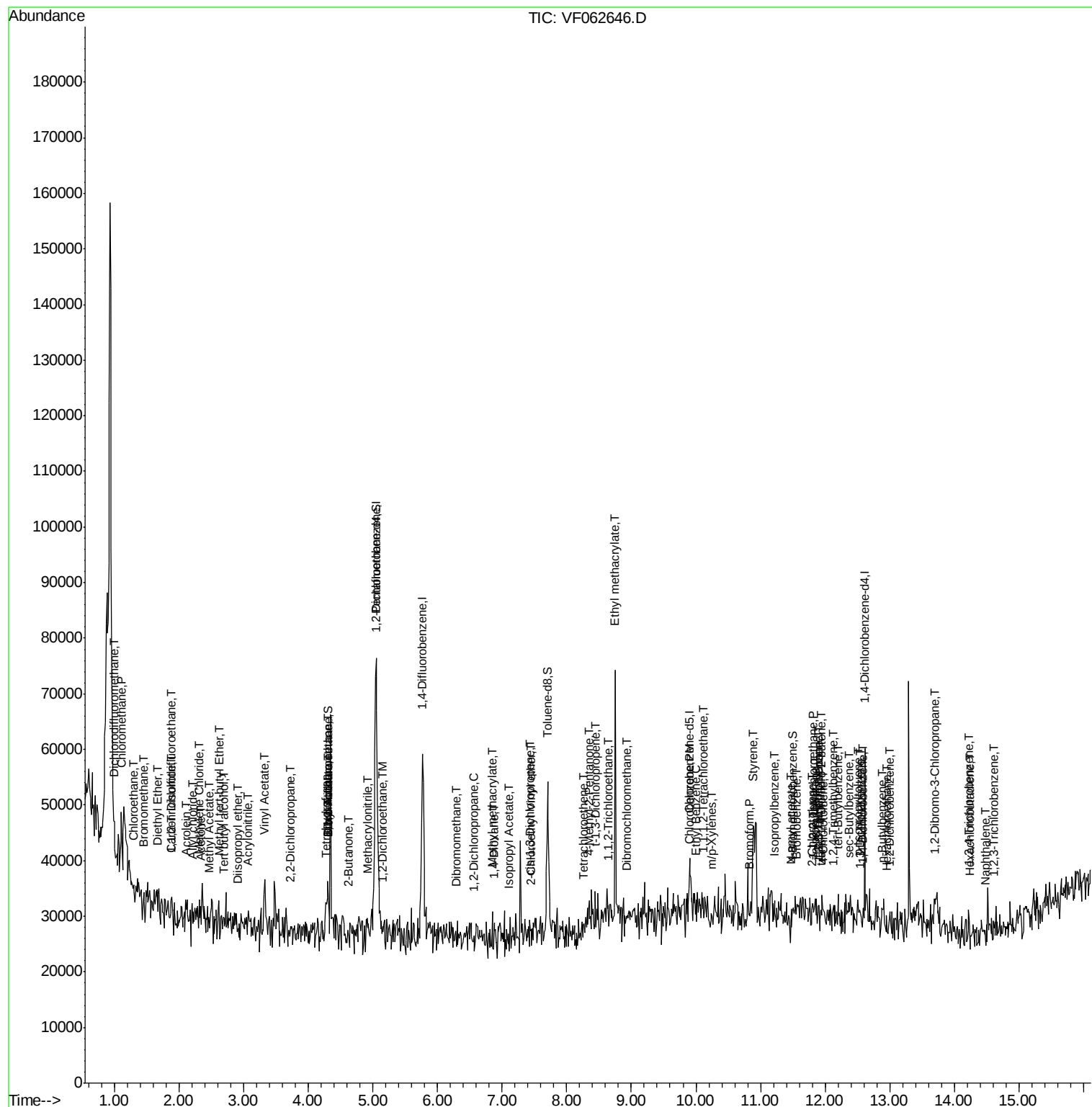
58) 2-Chloroethyl Vinyl ether	7.45	63	671	8.589	uq/l #	63
59) 2-Hexanone	9.63	43	600	Below Cal		76
60) Dibromochloromethane	8.94	129	377	1.436	uq/l	82
64) Tetrachloroethene	8.27	164	156	2.757	uq/l #	23
65) Chlorobenzene	9.88	112	254	1.811	uq/l	96
66) 1,1,1,2-Tetrachloroethane	10.11	131	90	1.598	uq/l	77
67) Ethyl Benzene	10.00	91	1122	4.604	uq/l	95
68) m/p-Xylenes	10.24	106	226	2.468	uq/l #	32
70) Styrene	10.89	104	338	2.357	uq/l #	15
71) Bromoform	10.83	173	66	2.340	uq/l #	27
73) Isopropylbenzene	11.21	105	1319	80.717	uq/l	94
74) N-amyl acetate	11.47	43	691	180.252	uq/l #	77
75) 1,1,2,2-Tetrachloroethane	11.80	83	610	182.660	uq/l #	23
76) 1,2,3-Trichloropropane	11.89	75	364	165.886	uq/l #	1
77) Bromobenzene	11.56	156	396	97.491	uq/l #	1
78) n-propylbenzene	11.84	91	589	30.456	uq/l	95
79) 2-Chlorotoluene	11.79	91	314	28.810	uq/l	73
80) 1,3,5-Trimethylbenzene	11.88	105	678	51.744	uq/l	69
81) trans-1,4-Dichloro-2-buten	11.93	75	310	317.827	uq/l #	41
82) 4-Chlorotoluene	11.97	91	1056	98.253	uq/l #	37
83) tert-Butylbenzene	12.19	119	942	70.861	uq/l #	40
84) 1,2,4-Trimethylbenzene	12.11	105	500	39.426	uq/l	65
85) sec-Butylbenzene	12.37	105	1140	63.900	uq/l #	54
86) p-Isopropyltoluene	12.52	119	347	23.079	uq/l #	60
87) 1,3-Dichlorobenzene	12.55	146	322	43.817	uq/l #	23
88) 1,4-Dichlorobenzene	12.58	146	161	23.346	uq/l #	56
89) n-Butylbenzene	12.87	91	482	32.515	uq/l #	25
90) Hexachloroethane	12.94	117	80	22.181	uq/l #	20
91) 1,2-Dichlorobenzene	13.01	146	77	11.754	uq/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.68	75	689	1729.445	uq/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	142	30.284	uq/l #	82
94) Hexachlorobutadiene	14.24	225	137	41.867	uq/l #	16
95) Naphthalene	14.48	128	89	10.448	uq/l #	1
96) 1,2,3-Trichlorobenzene	14.61	180	93	20.939	uq/l #	11

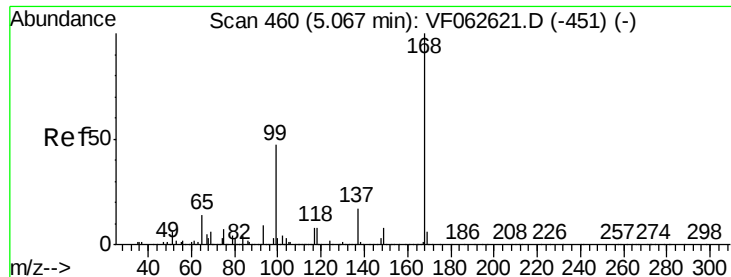
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062646.D
 Acq On : 17 May 2019 18:51
 Operator : FY/SY
 Sample : K2894-10
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-2.5-3.5

Quant Time: May 18 01:43:07 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

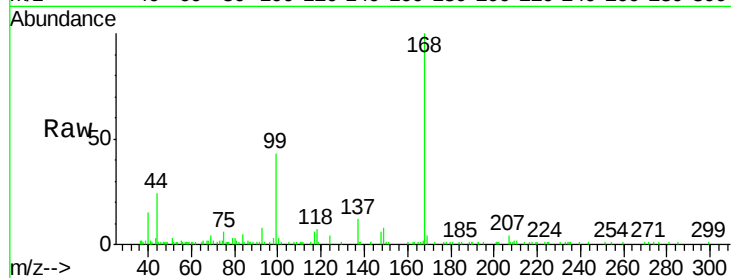
SB-07-2.5-3.5

Tot Ion:168 Resp: 58666

Ion Ratio Lower Upper

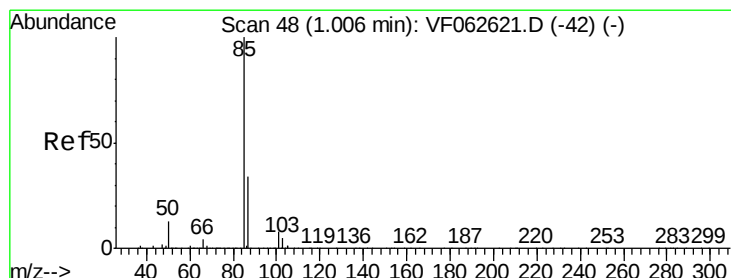
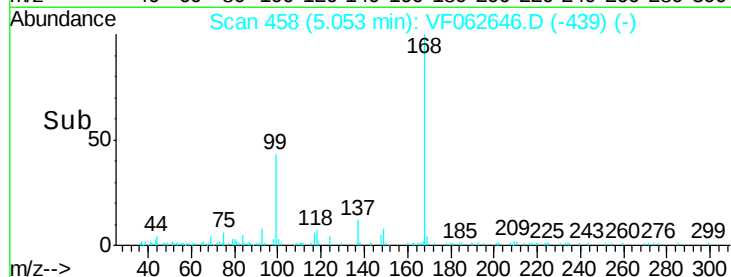
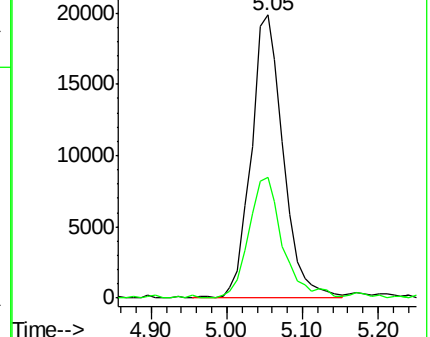
168 100

99 42.9 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 1.131 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062646.D

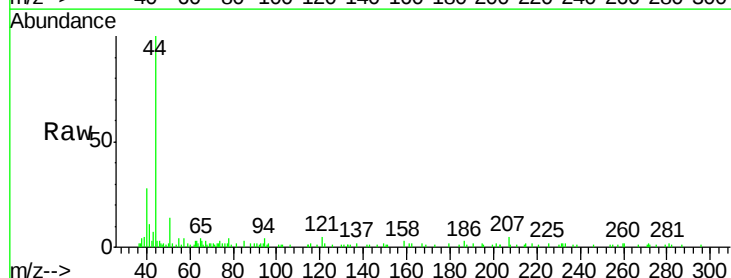
Acq: 17 May 2019 18:51

Tgt Ion: 85 Resp: 903

Ion Ratio Lower Upper

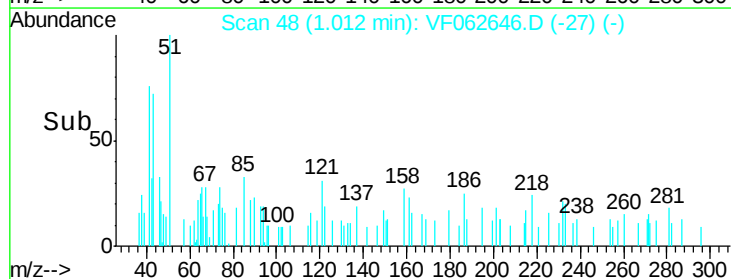
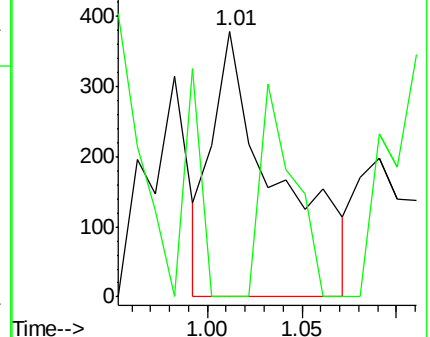
85 100

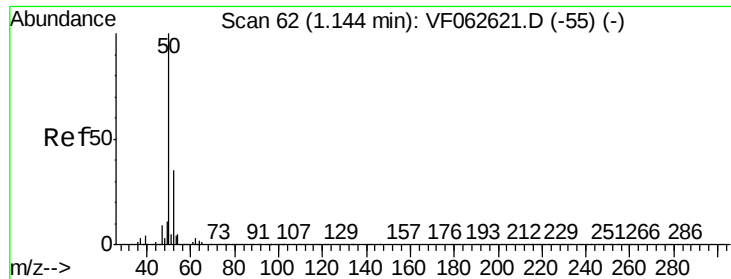
87 0.0 16.8 50.3#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 3.176 ug/l

RT: 1.11 min Scan# 58

Delta R.T. -0.03 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

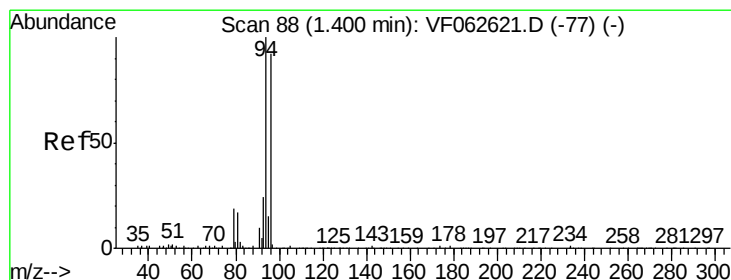
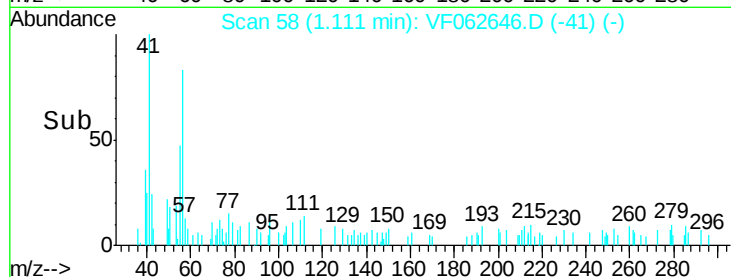
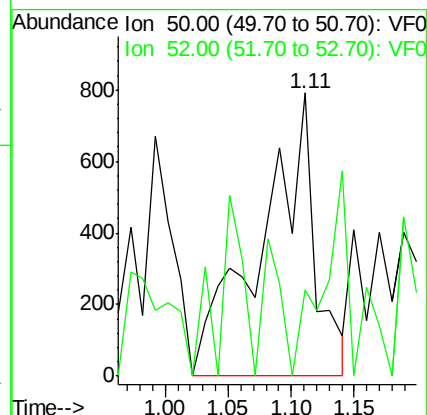
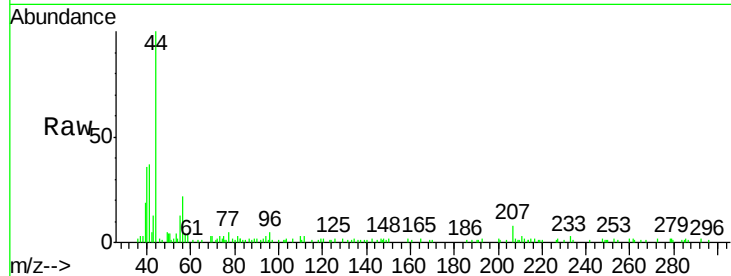
SB-07-2.5-3.5

Tot Ion: 50 Resp: 2335

Ion Ratio Lower Upper

50 100

52 30.6 27.5 41.3



#5

Bromomethane

Concen: 3.390 ug/l

RT: 1.47 min Scan# 94

Delta R.T. 0.07 min

Lab File: VF062646.D

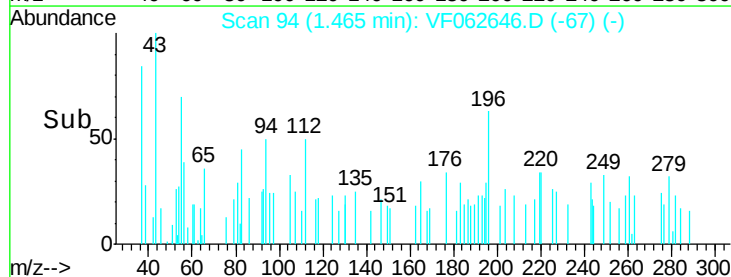
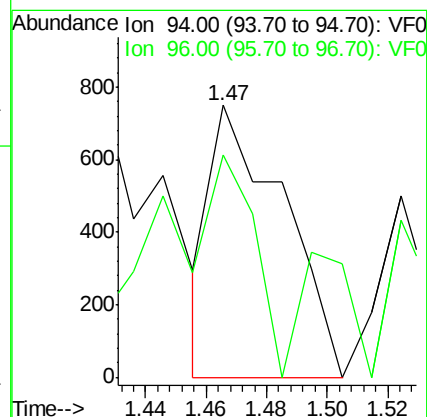
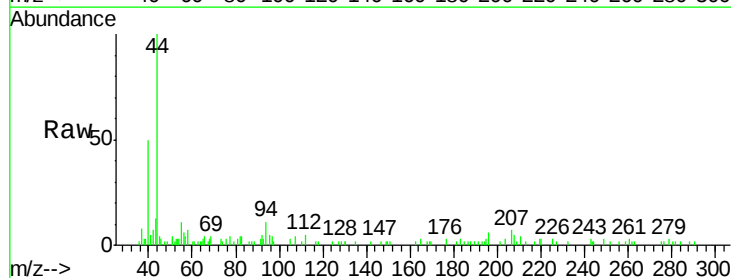
Acq: 17 May 2019 18:51

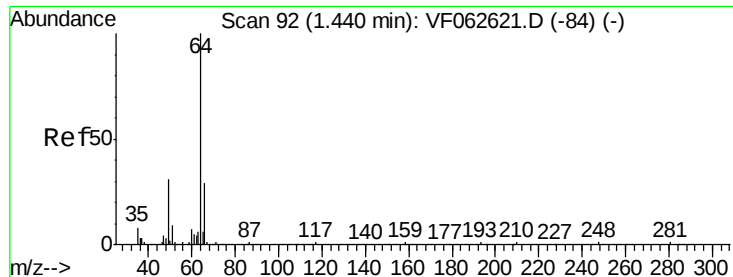
Tgt Ion: 94 Resp: 1255

Ion Ratio Lower Upper

94 100

96 81.6 73.2 109.8





#6

Chloroethane

Concen: 2.442 ug/l

RT: 1.31 min Scan# 78

Delta R.T. -0.13 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

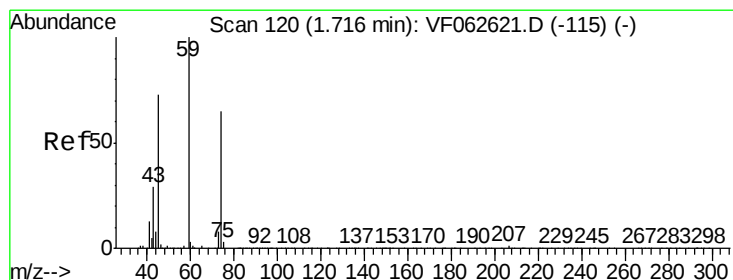
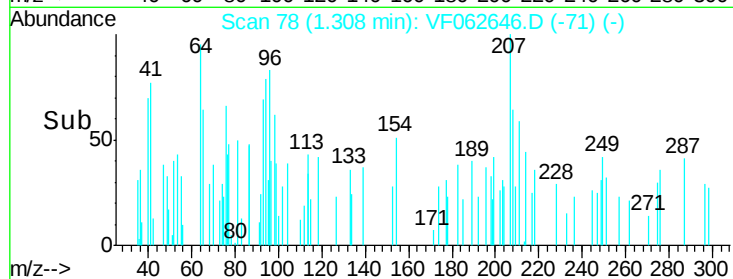
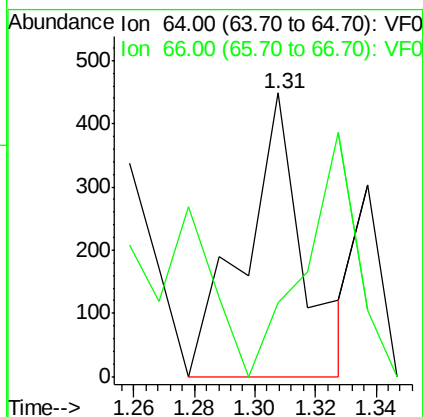
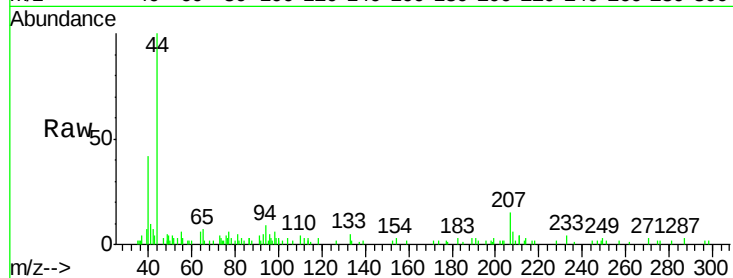
SB-07-2.5-3.5

Tot Ion: 64 Resp: 607

Ion Ratio Lower Upper

64 100

66 25.9 23.4 35.2



#8

Diethyl Ether

Concen: 4.178 ug/l

RT: 1.67 min Scan# 115

Delta R.T. -0.04 min

Lab File: VF062646.D

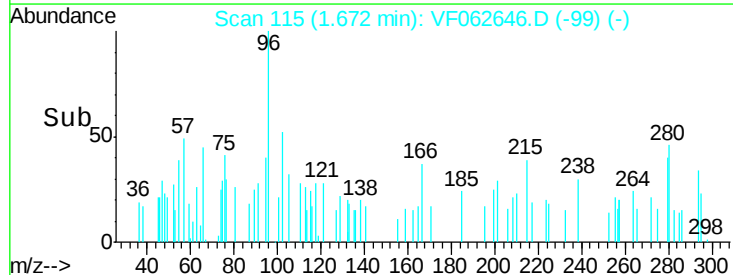
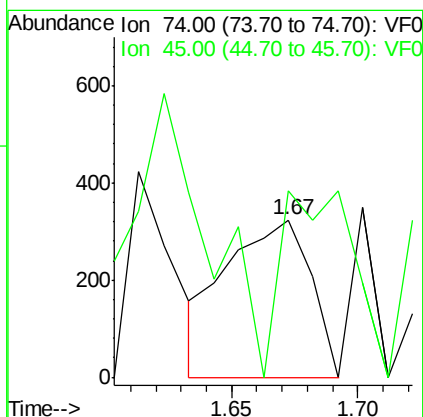
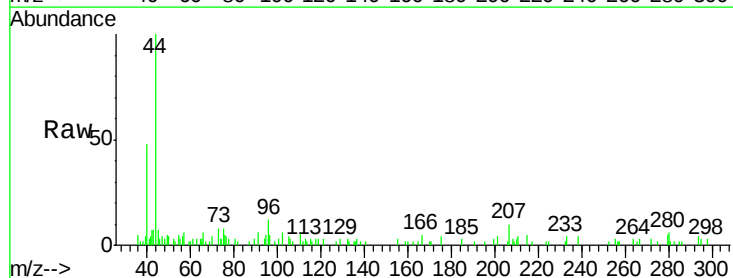
Acq: 17 May 2019 18:51

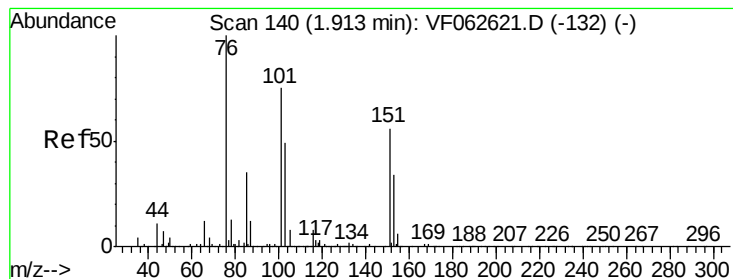
Tgt Ion: 74 Resp: 752

Ion Ratio Lower Upper

74 100

45 118.8 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.068 ug/l

RT: 1.89 min Scan# 137

Delta R.T. -0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

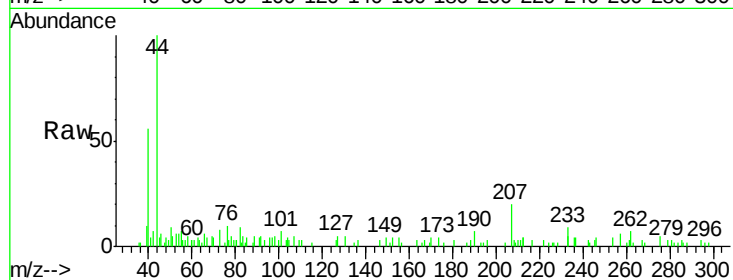
Tot Ion:101 Resp: 618

Ion Ratio Lower Upper

101 100

85 51.0 37.1 55.7

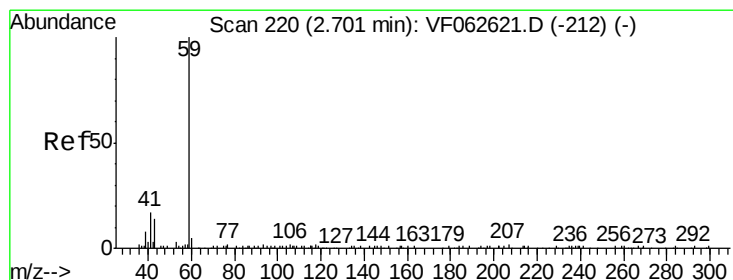
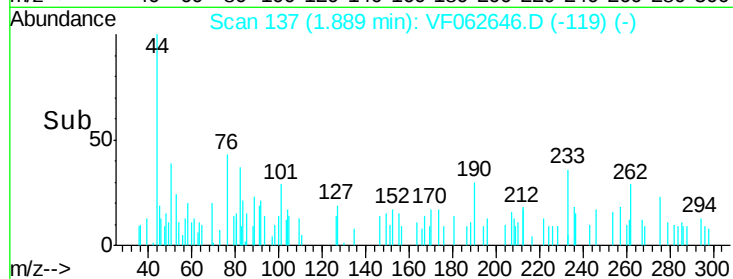
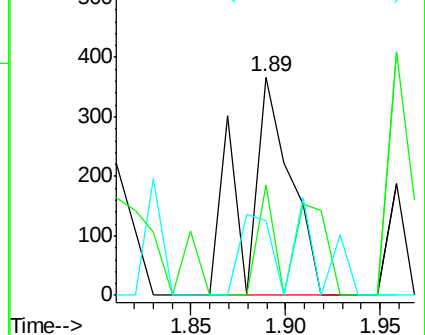
151 34.1 58.8 88.2#



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



#11

Tert butyl alcohol

Concen: 3.836 ug/l

RT: 2.71 min Scan# 220

Delta R.T. 0.01 min

Lab File: VF062646.D

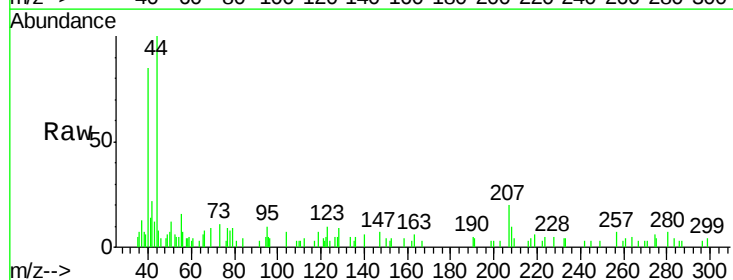
Acq: 17 May 2019 18:51

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

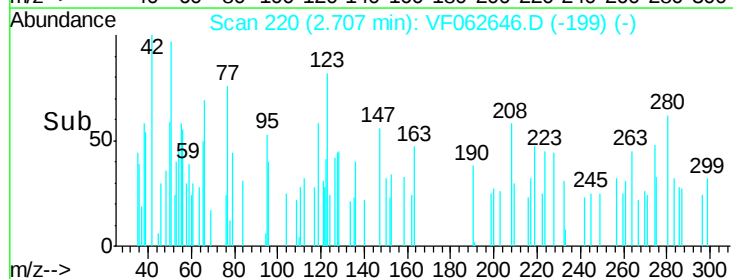
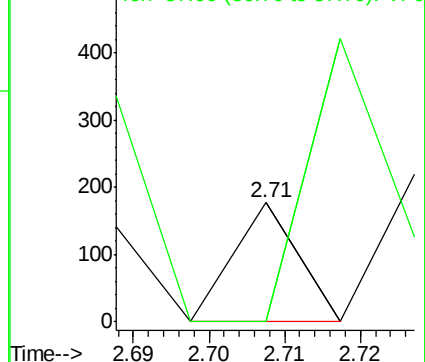
59 100

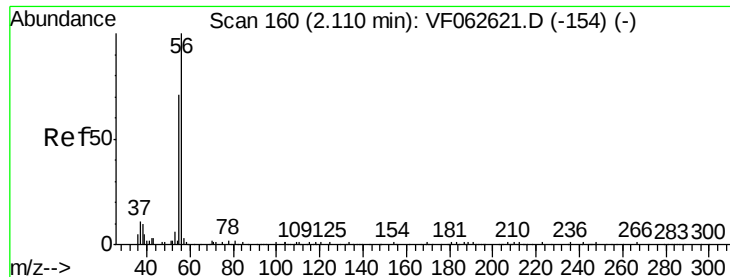
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#13

Acrolein

Concen: 20.126 ug/l

RT: 2.12 min Scan# 160

Delta R.T. 0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

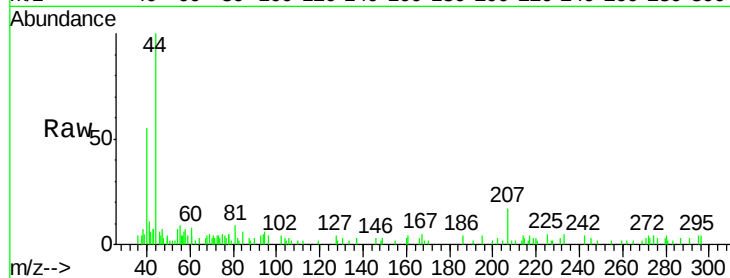
SB-07-2.5-3.5

Tot Ion: 56 Resp: 575

Ion Ratio Lower Upper

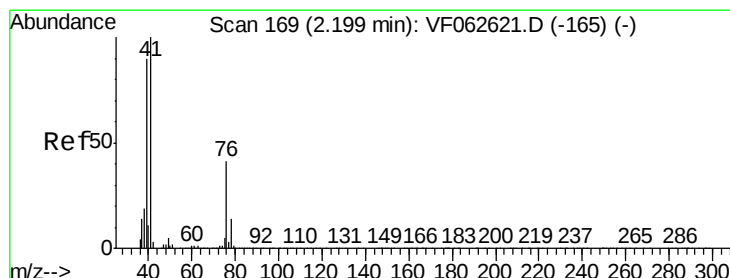
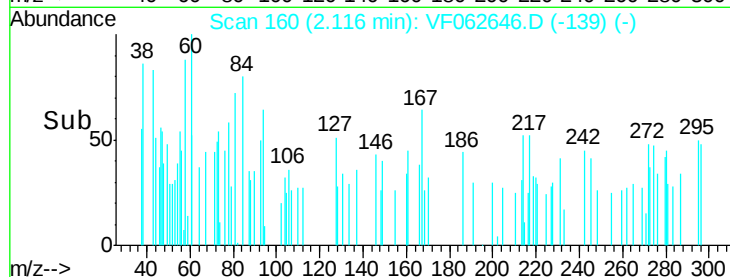
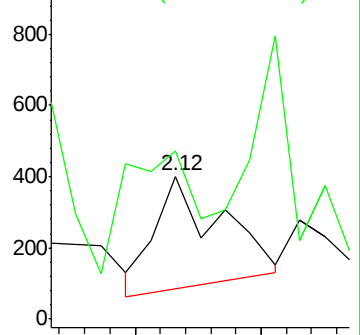
56 100

55 118.2 59.4 89.0#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 5.143 ug/l

RT: 2.21 min Scan# 170

Delta R.T. 0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

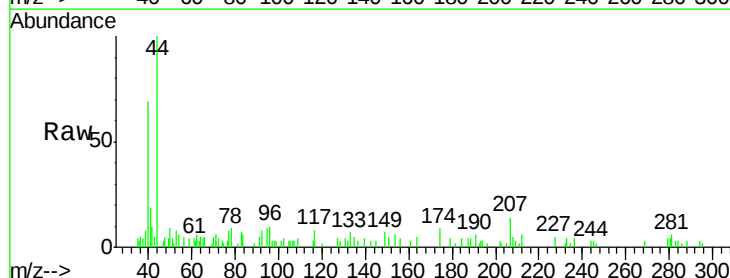
Tgt Ion: 41 Resp: 2453

Ion Ratio Lower Upper

41 100

39 42.5 72.0 108.0#

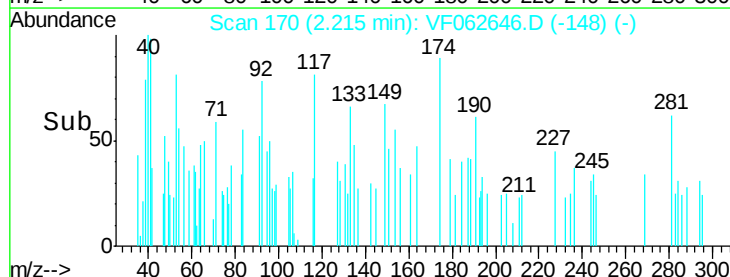
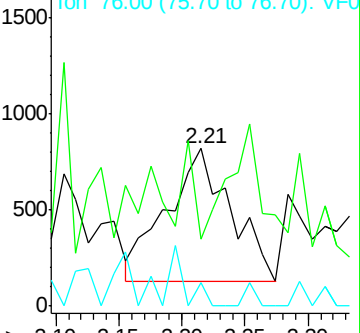
76 15.1 34.8 52.2#

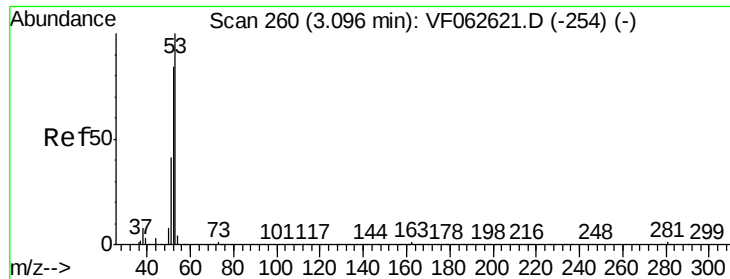


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 6.334 ug/l

RT: 3.07 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

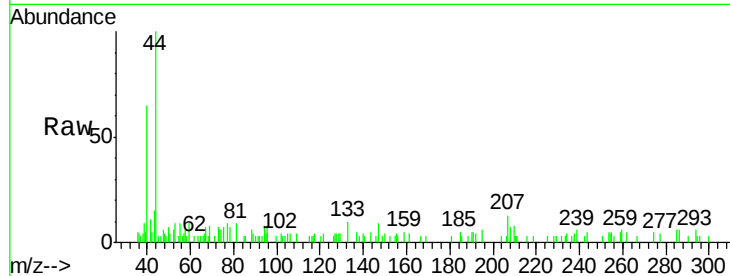
Tot Ion: 53 Resp: 489

Ion Ratio Lower Upper

53 100

52 68.9 67.3 100.9

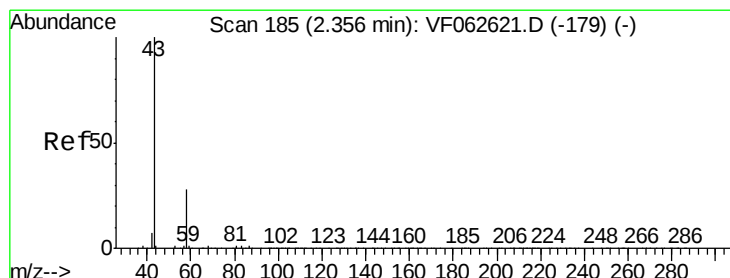
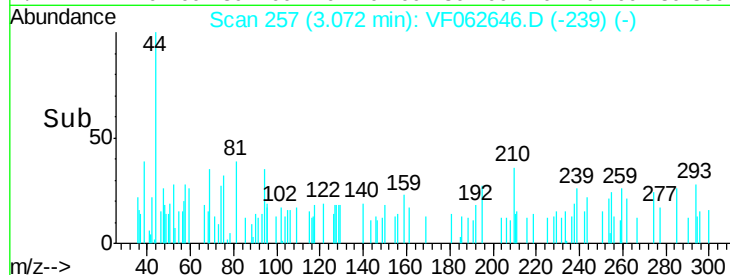
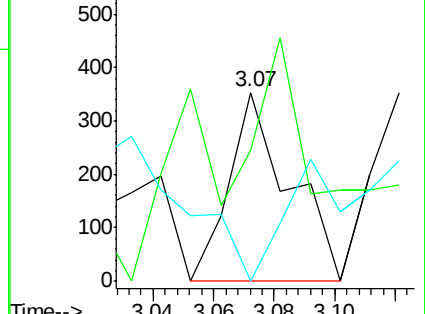
51 0.0 33.0 49.6#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 17.480 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF062646.D

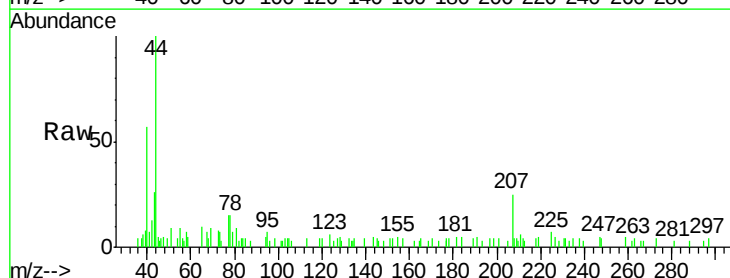
Acq: 17 May 2019 18:51

Tgt Ion: 43 Resp: 1880

Ion Ratio Lower Upper

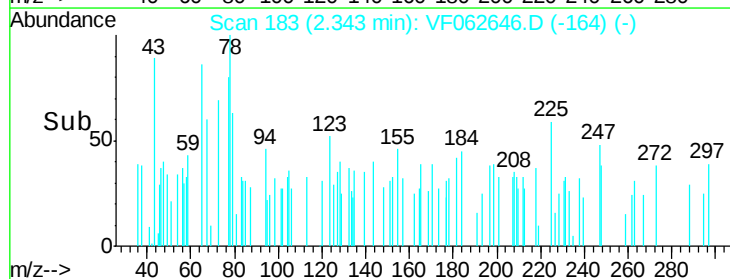
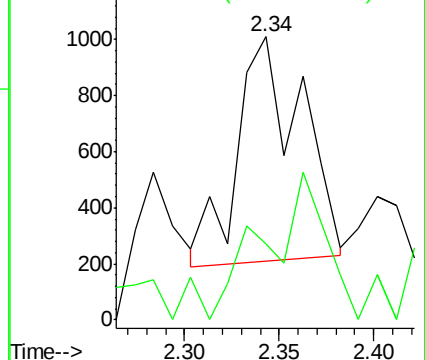
43 100

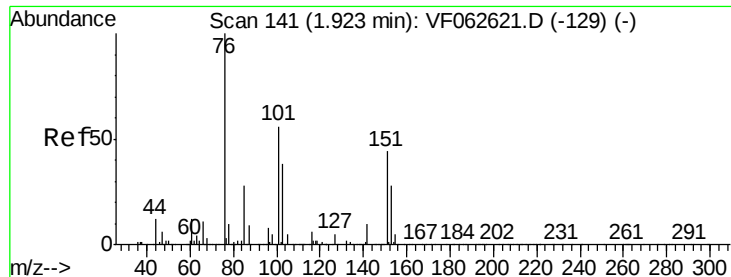
58 26.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 1.468 ug/l

RT: 1.88 min Scan# 136

Delta R.T. -0.04 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

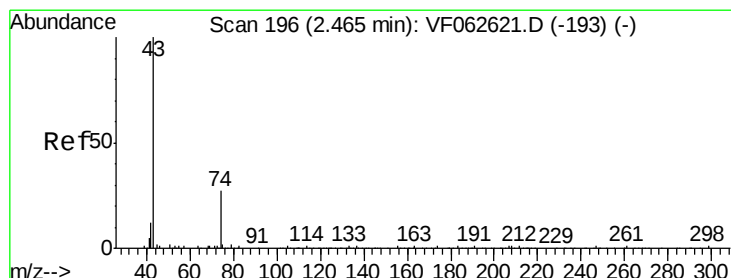
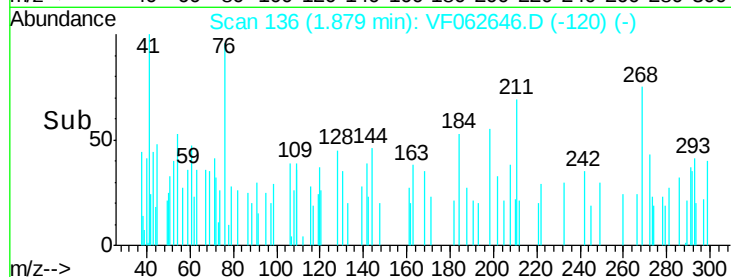
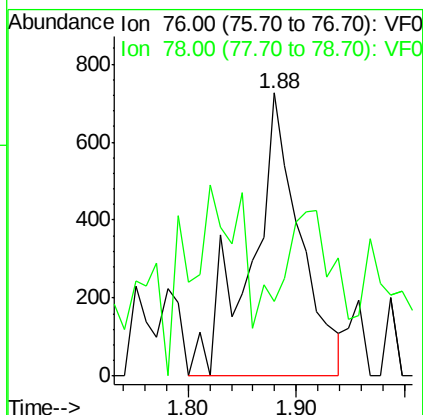
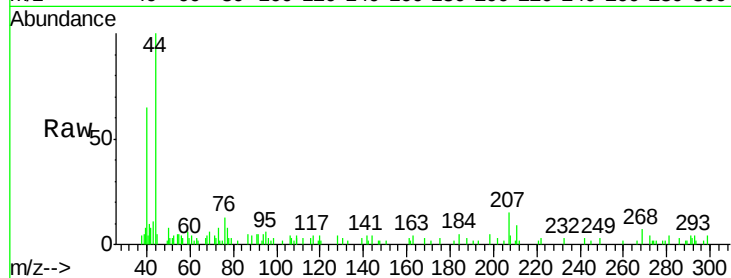
SB-07-2.5-3.5

Tot Ion: 76 Resp: 2293

Ion Ratio Lower Upper

76 100

78 26.3 8.4 12.6#



#18

Methyl Acetate

Concen: 5.088 ug/l

RT: 2.47 min Scan# 196

Delta R.T. 0.01 min

Lab File: VF062646.D

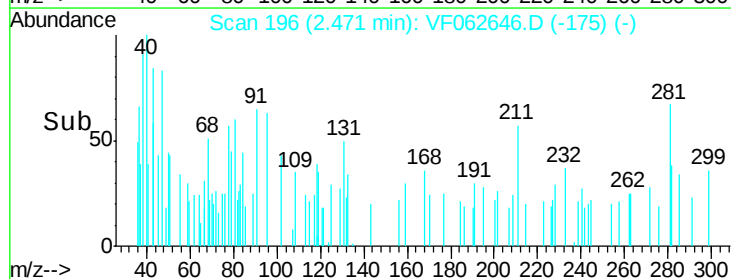
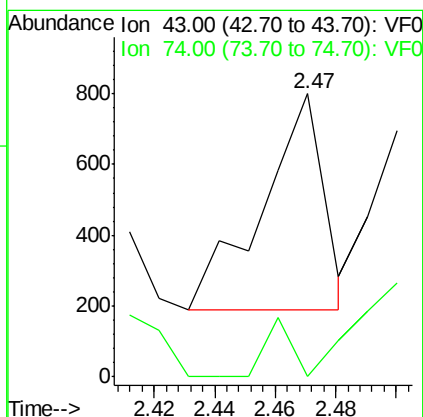
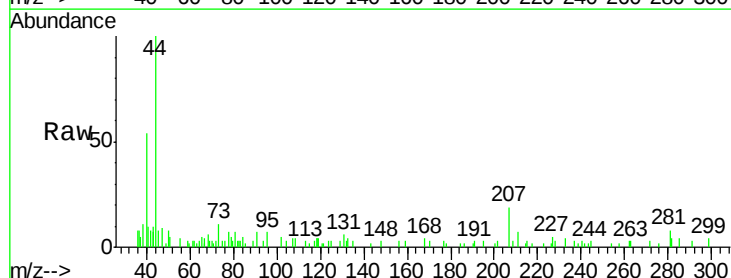
Acq: 17 May 2019 18:51

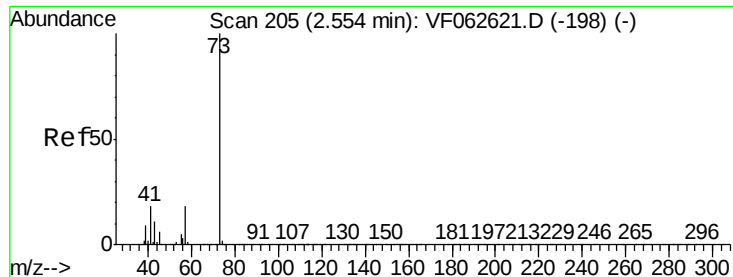
Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#

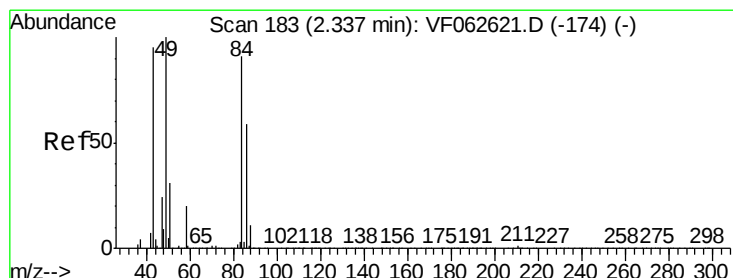
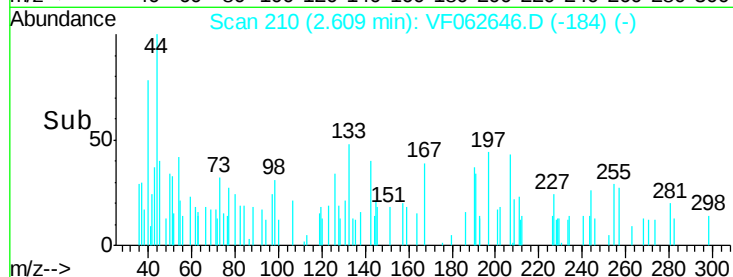
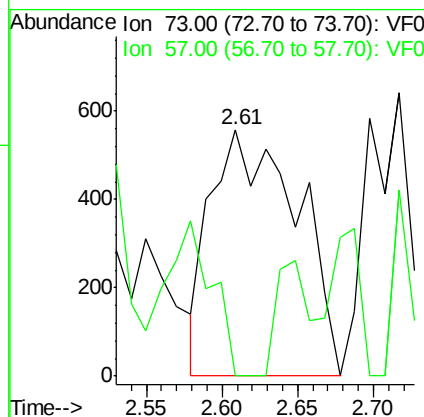
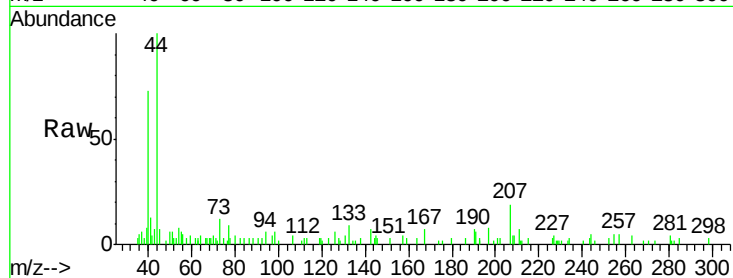




#19
Methvl tert-butvl Ether
Concen: 2.366 ug/l
RT: 2.61 min Scan# 210
Delta R.T. 0.06 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

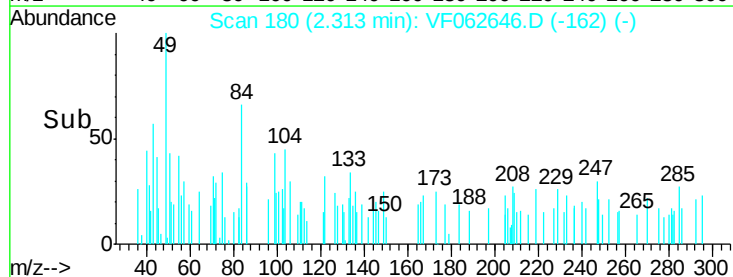
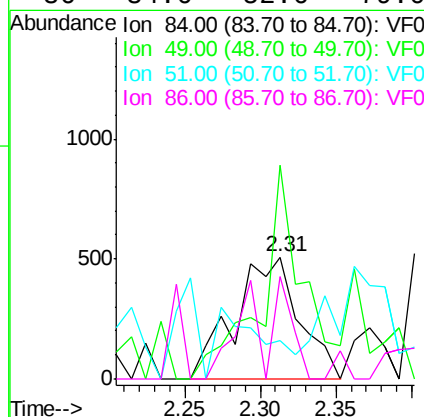
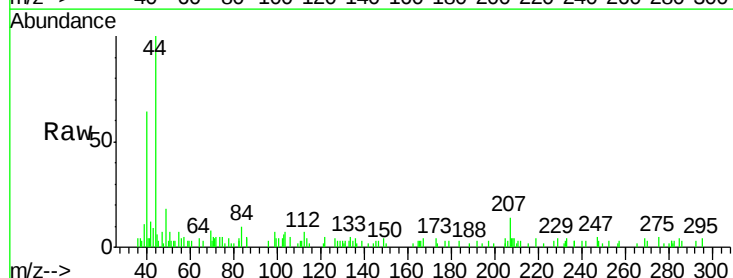
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

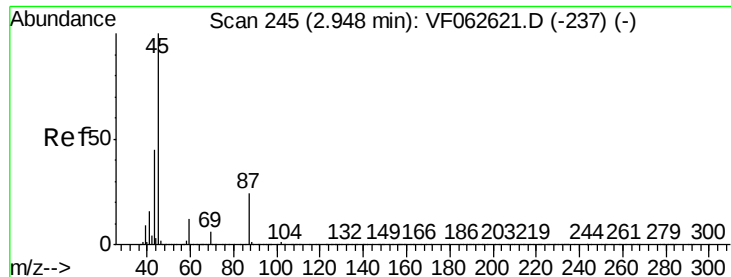
Tot Ion: 73 Resp: 2229
Ion Ratio Lower Upper
73 100
57 28.3 14.2 21.4#



#20
Methylene Chloride
Concen: 2.777 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.02 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Tgt Ion: 84 Resp: 1497
Ion Ratio Lower Upper
84 100
49 175.5 89.8 134.8#
51 31.2 28.4 42.6
86 84.6 52.6 79.0#

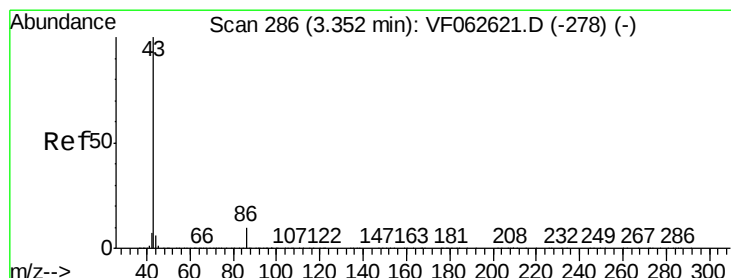
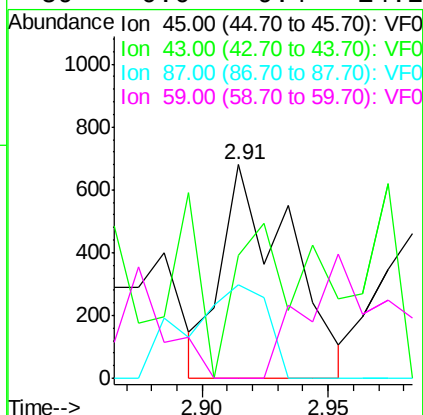
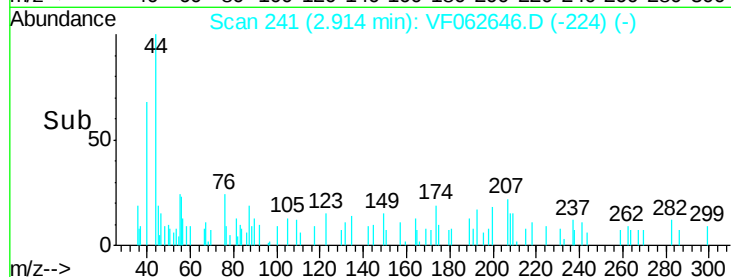
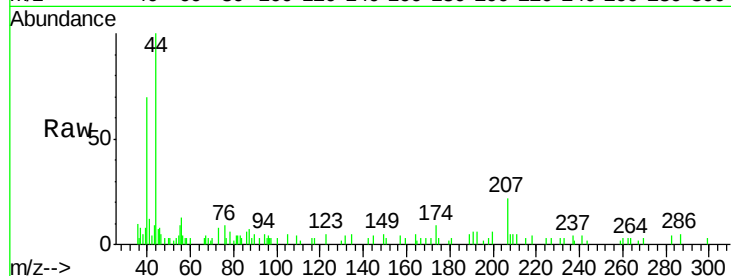




#22
Diisopropyl ether
Concen: 1.089 ug/l
RT: 2.91 min Scan# 241
Delta R.T. -0.03 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

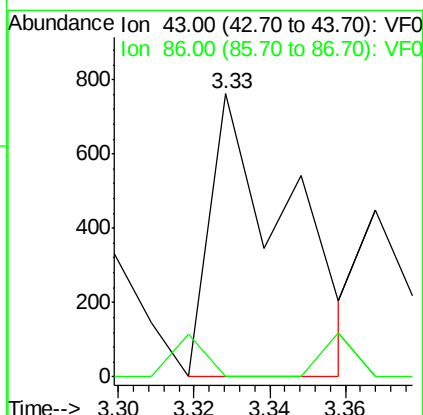
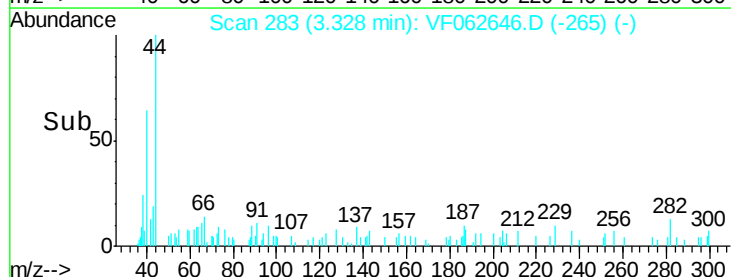
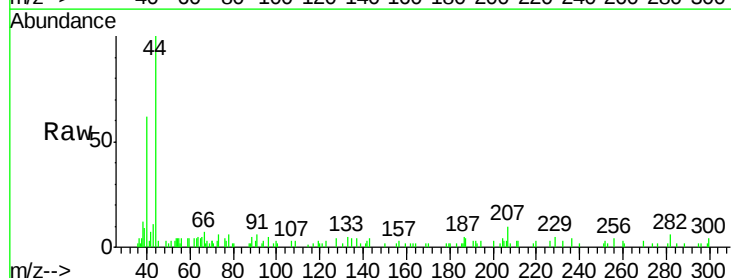
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

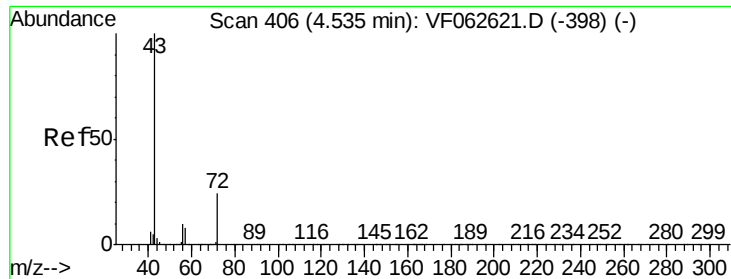
Tot Ion:	45	Resp:	1281
Ion	Ratio	Lower	Upper
45	100		
43	57.5	36.4	54.6#
87	43.8	19.3	28.9#
59	0.0	9.4	14.2#



#23
Vinyl Acetate
Concen: 1.380 ug/l
RT: 3.33 min Scan# 283
Delta R.T. -0.02 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Tgt Ion:	43	Resp:	1095
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.2#





#25

2-Butanone

Concen: 5.179 ug/l

RT: 4.63 min Scan# 415

Delta R.T. 0.09 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

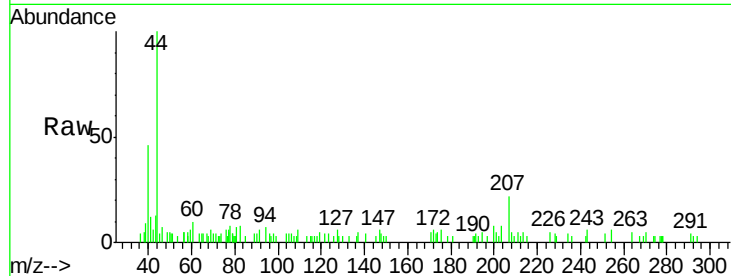
SB-07-2.5-3.5

Tot Ion: 43 Resp: 1190

Ion Ratio Lower Upper

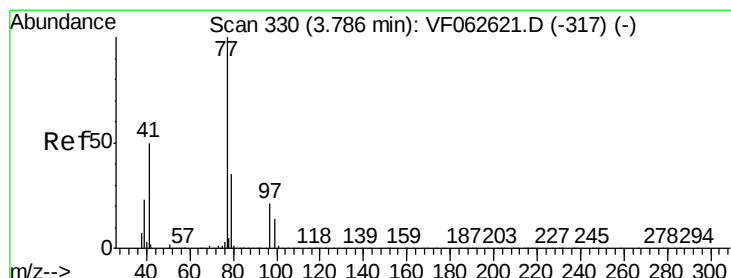
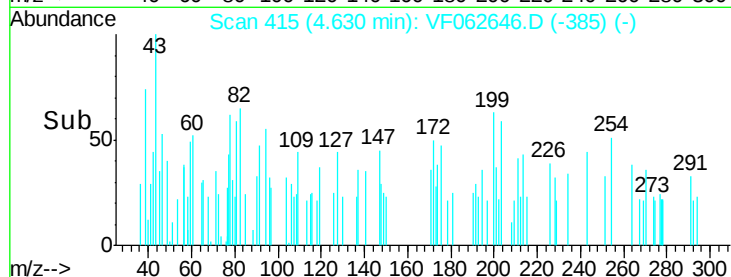
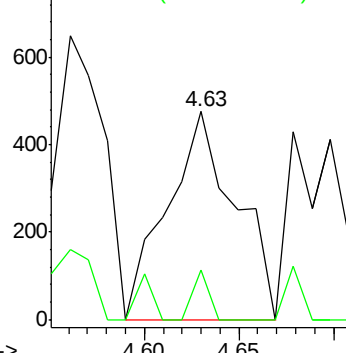
43 100

72 24.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 1.335 ug/l

RT: 3.72 min Scan# 323

Delta R.T. -0.06 min

Lab File: VF062646.D

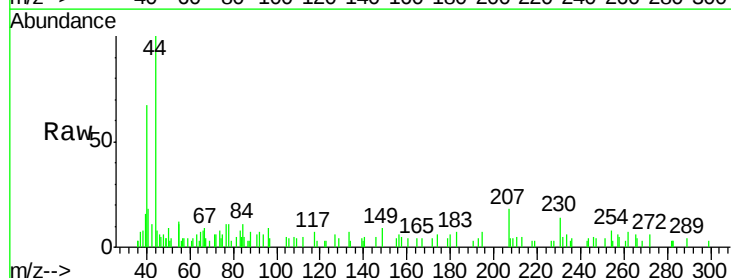
Acq: 17 May 2019 18:51

Tgt Ion: 77 Resp: 659

Ion Ratio Lower Upper

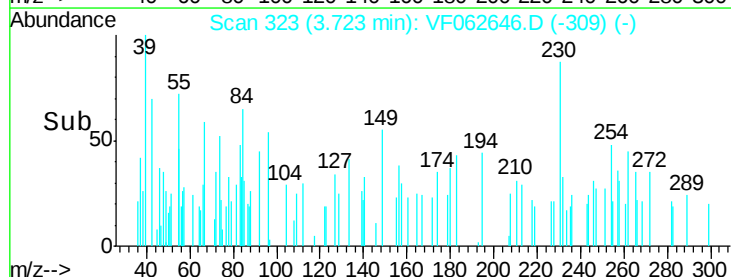
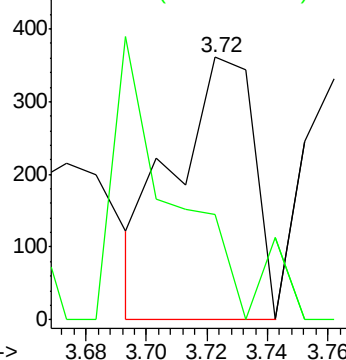
77 100

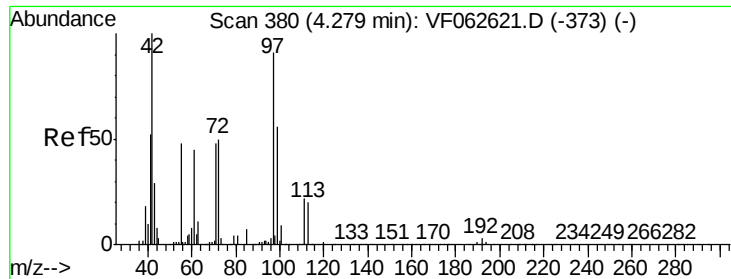
97 39.9 14.1 42.4



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

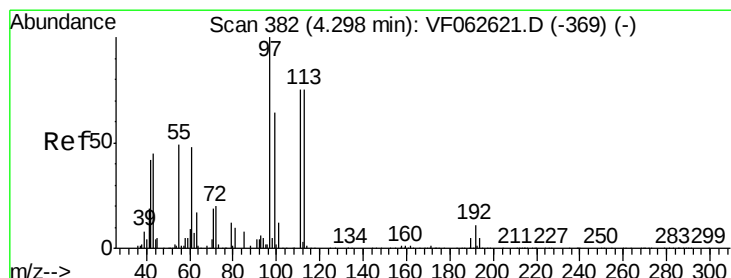
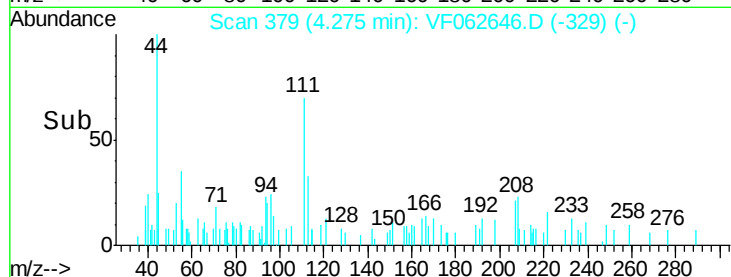
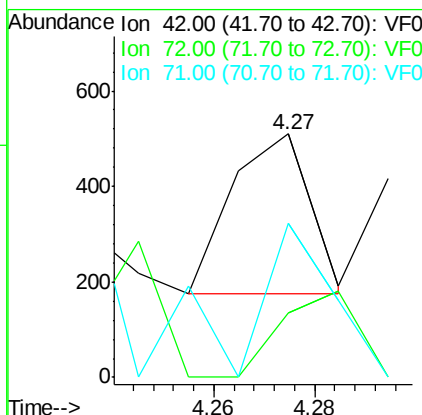
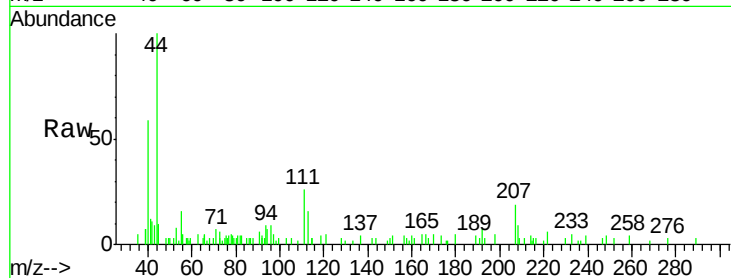




#29
Tetrahydrofuran
Concen: 3.850 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

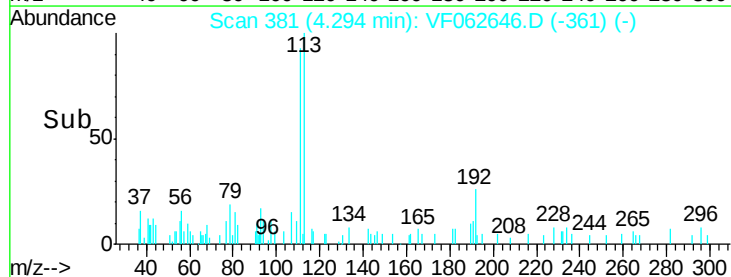
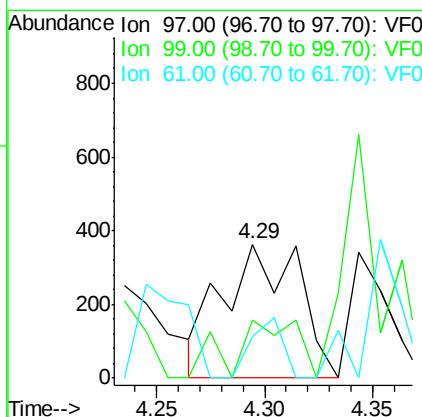
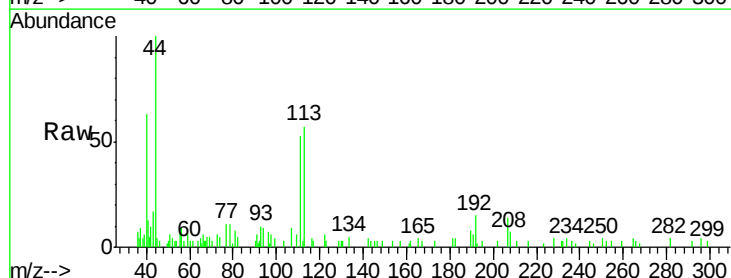
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

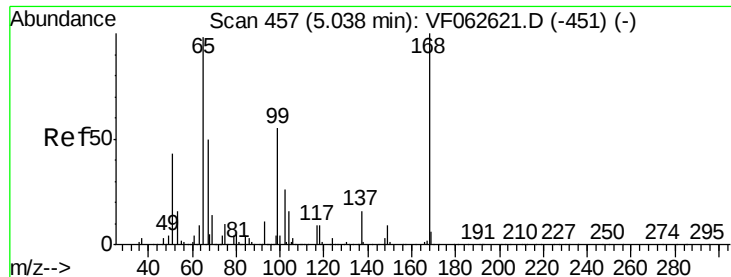
Tot Ion: 42 Resp: 358
Ion Ratio Lower Upper
42 100
72 52.2 38.2 57.2
71 79.9 35.8 53.6#



#32
1,1,1-Trichloroethane
Concen: 1.111 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Tgt Ion: 97 Resp: 884
Ion Ratio Lower Upper
97 100
99 43.4 51.3 76.9#
61 30.5 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 8.838 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

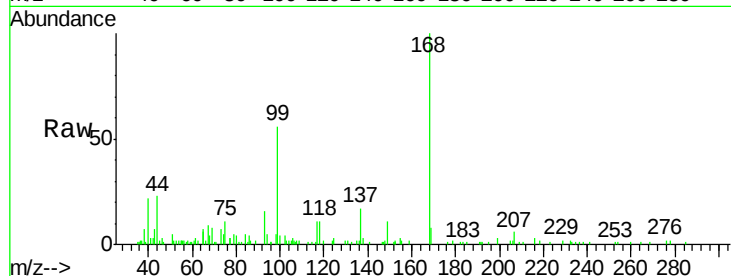
SB-07-2.5-3.5

Tot Ion: 65 Resp: 3664

Ion Ratio Lower Upper

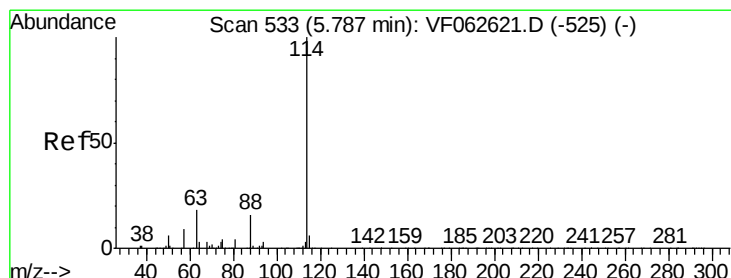
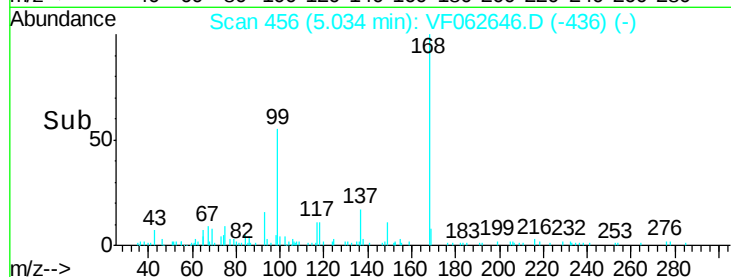
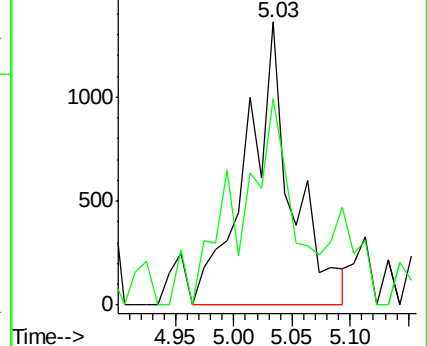
65 100

67 73.2 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

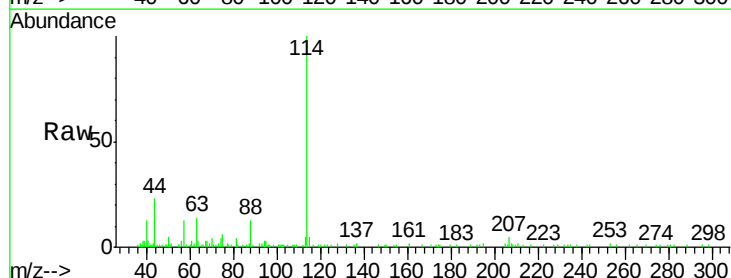
Tgt Ion: 114 Resp: 46473

Ion Ratio Lower Upper

114 100

63 13.7 0.0 35.4

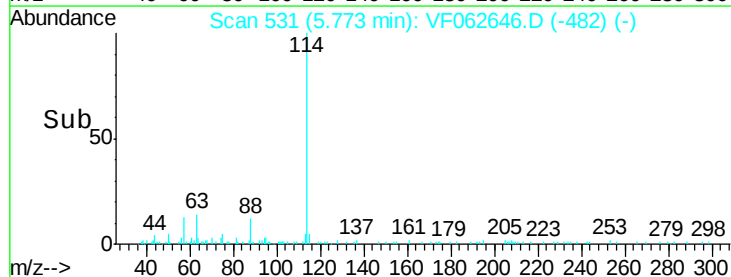
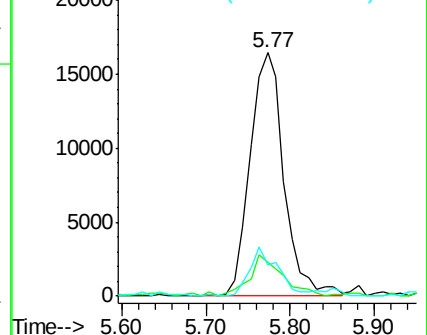
88 12.8 0.0 32.4

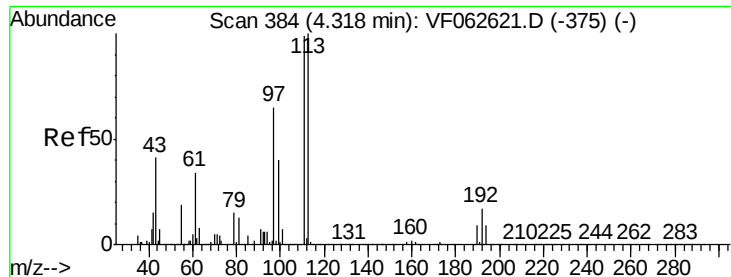


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

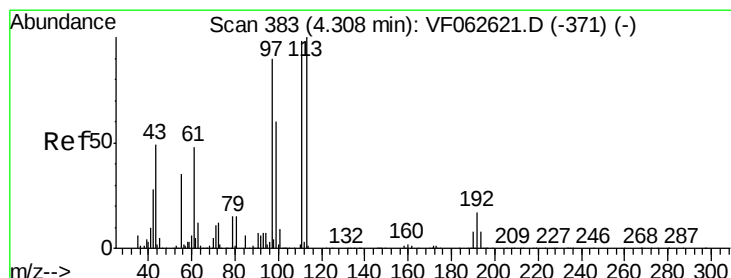
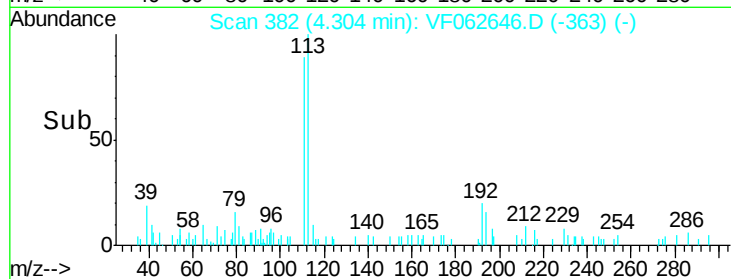
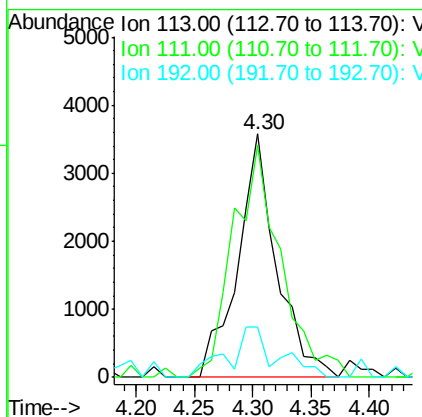
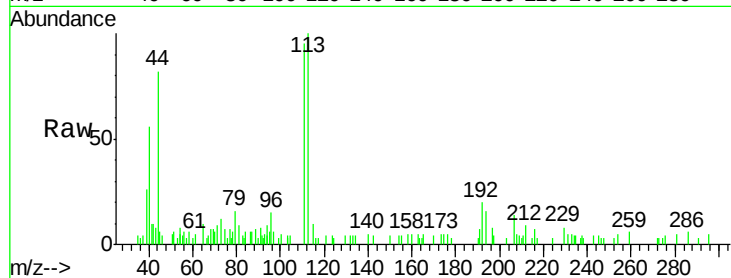




#35
Dibromofluoromethane
Concen: 23.219 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

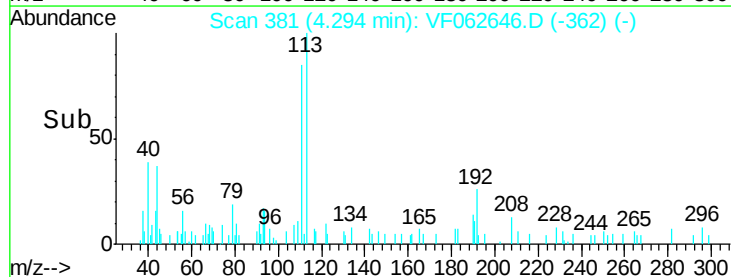
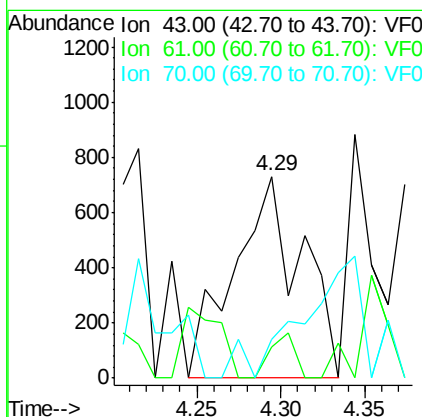
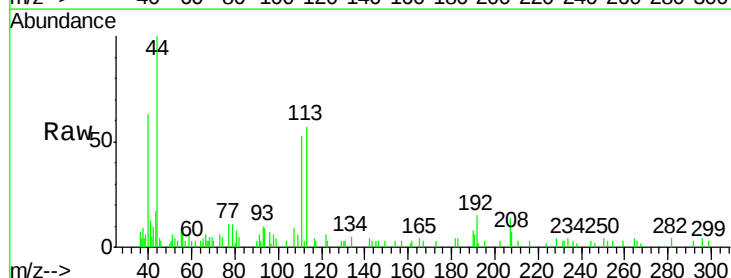
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

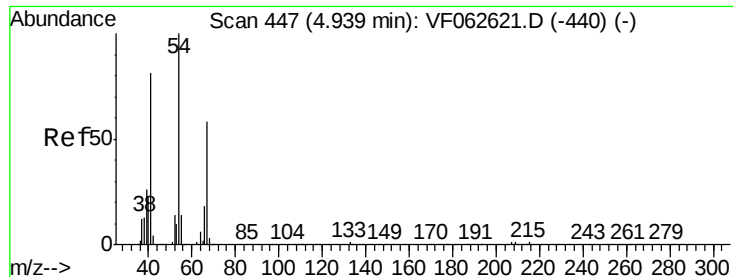
Tot Ion:113 Resp: 8257
Ion Ratio Lower Upper
113 100
111 95.3 79.4 119.2
192 20.4 13.4 20.2#



#37
Ethyl Acetate
Concen: 10.507 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
61 15.2 76.9 115.3#
70 19.0 8.8 13.2#





#41

Methacrylonitrile

Concen: 4.228 ug/l

RT: 4.92 min Scan# 444

Delta R.T. -0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

Tot Ion: 41 Resp: 431

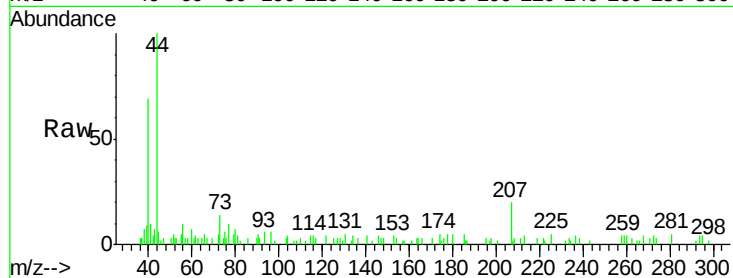
Ion Ratio Lower Upper

41 100

39 90.5 42.2 63.2#

67 32.9 56.4 84.6#

52 29.2 38.8 58.2#

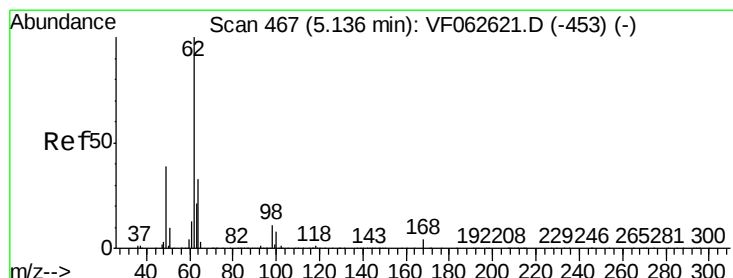
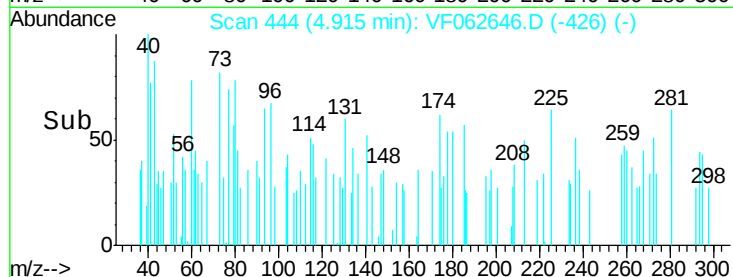
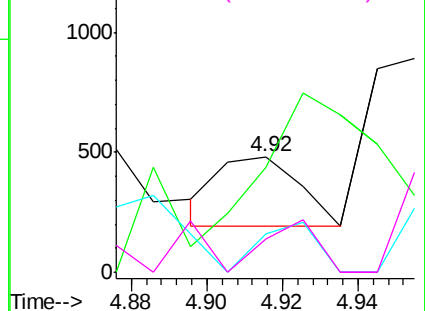


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 1.218 ug/l

RT: 5.15 min Scan# 468

Delta R.T. 0.02 min

Lab File: VF062646.D

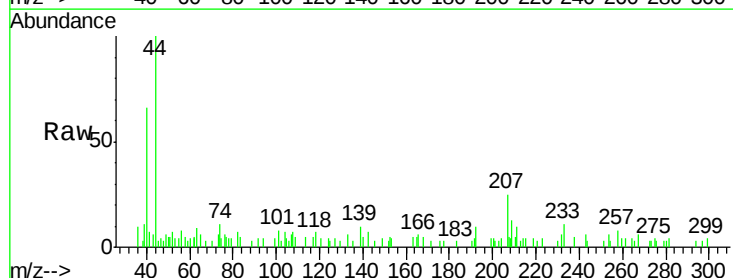
Acq: 17 May 2019 18:51

Tgt Ion: 62 Resp: 315

Ion Ratio Lower Upper

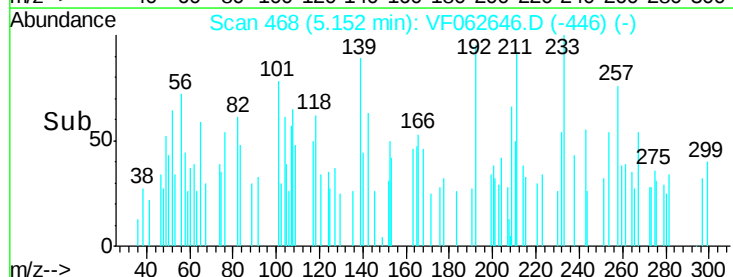
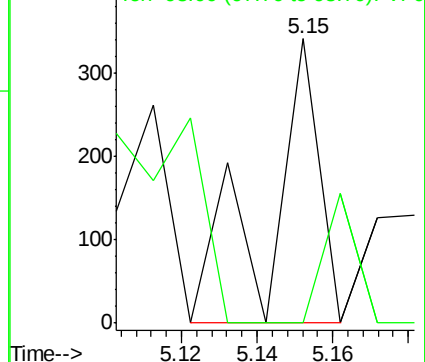
62 100

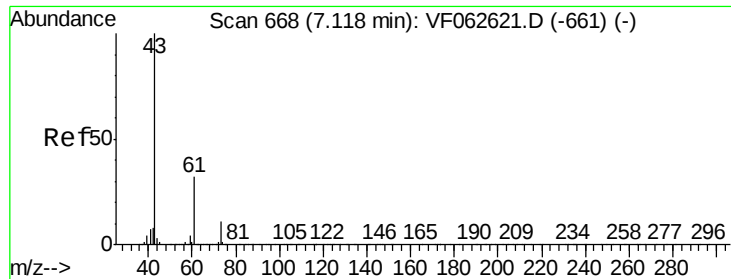
98 0.0 0.0 21.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 2.037 ug/l

RT: 7.10 min Scan# 666

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

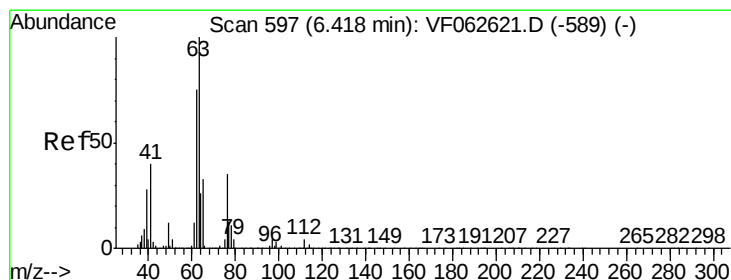
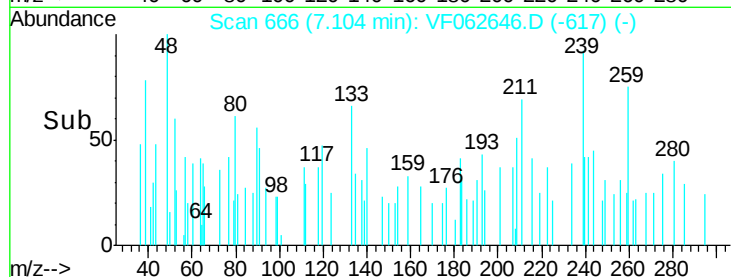
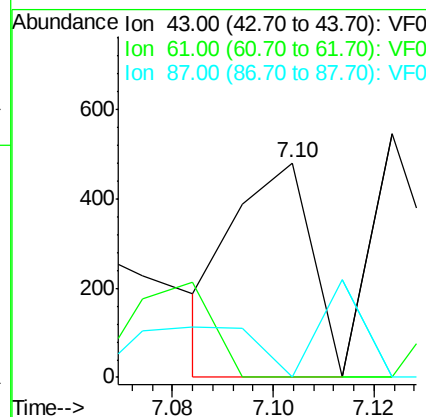
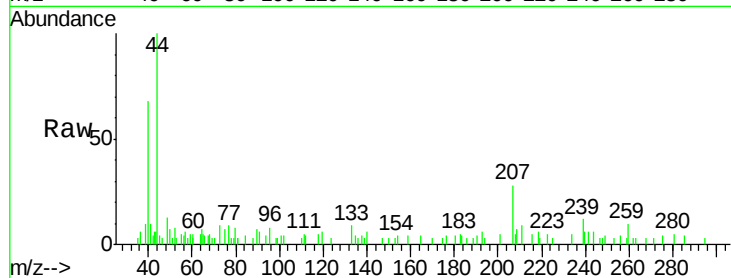
MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

Tot Ion: 43 Resp: 513

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.8	38.8#
87	0.0	0.4	0.6#



#45

1,2-Dichloropropane

Concen: 1.234 ug/l

RT: 6.55 min Scan# 610

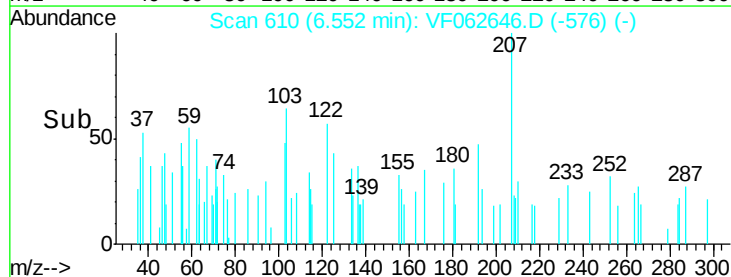
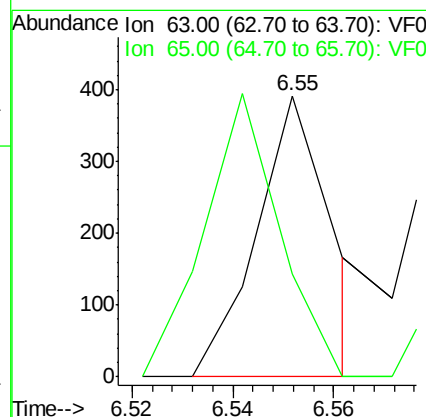
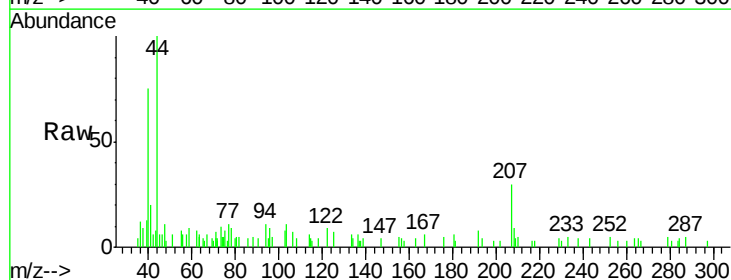
Delta R.T. 0.13 min

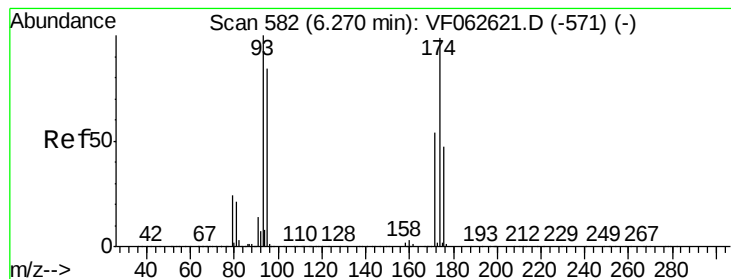
Lab File: VF062646.D

Acq: 17 May 2019 18:51

Tgt Ion: 63 Resp: 404

Ion	Ratio	Lower	Upper
63	100		
65	36.6	26.3	39.5





#46

Dibromomethane

Concen: 2.298 ug/l

RT: 6.29 min Scan# 583

Delta R.T. 0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

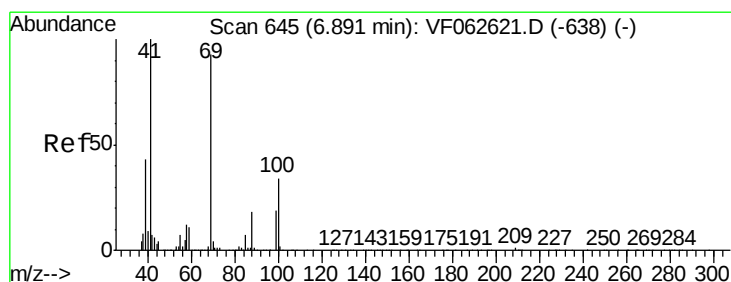
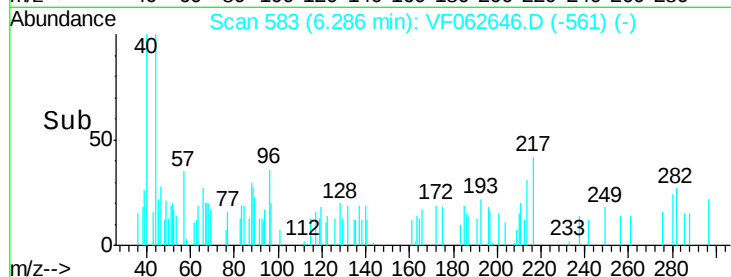
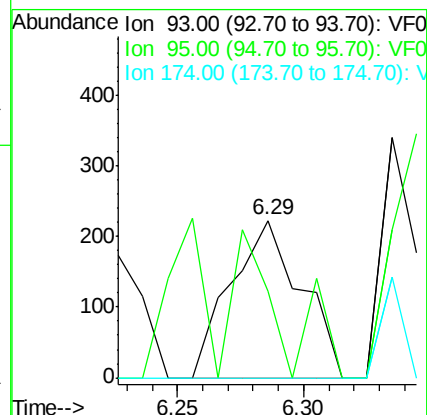
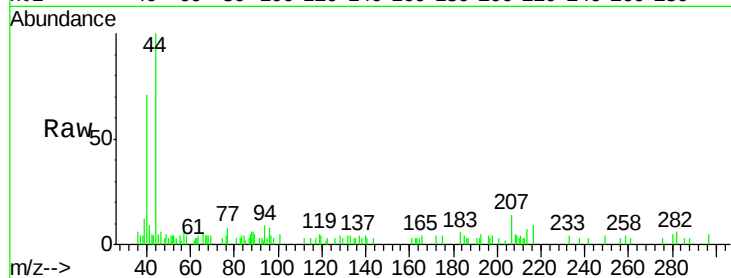
Tot Ion: 93 Resp: 435

Ion Ratio Lower Upper

93 100

95 55.2 67.4 101.2#

174 0.0 79.4 119.2#



#48

Methyl methacrylate

Concen: 6.729 ug/l

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

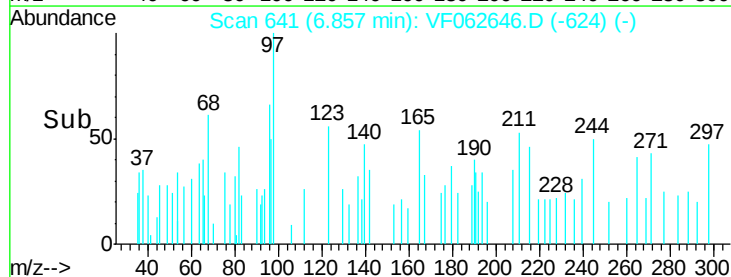
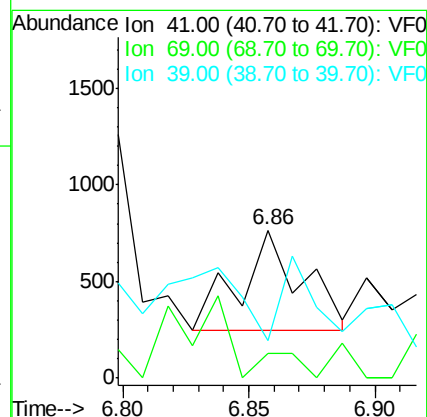
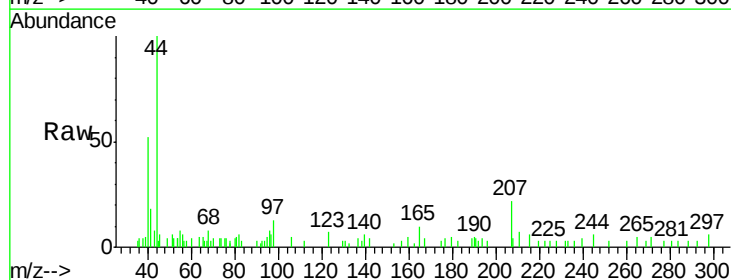
Tgt Ion: 41 Resp: 886

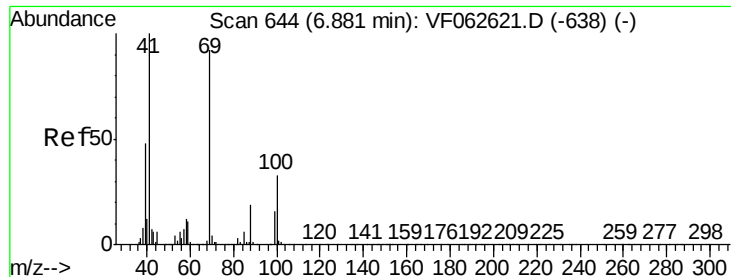
Ion Ratio Lower Upper

41 100

69 16.8 74.2 111.2#

39 25.1 34.2 51.4#

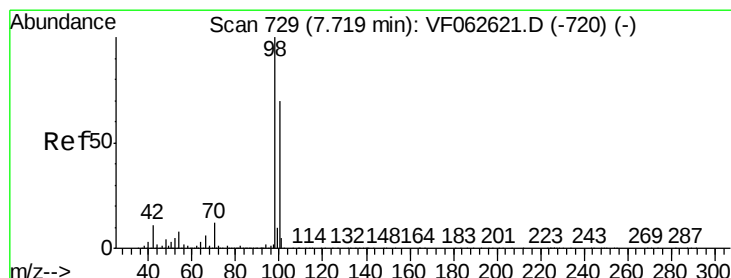
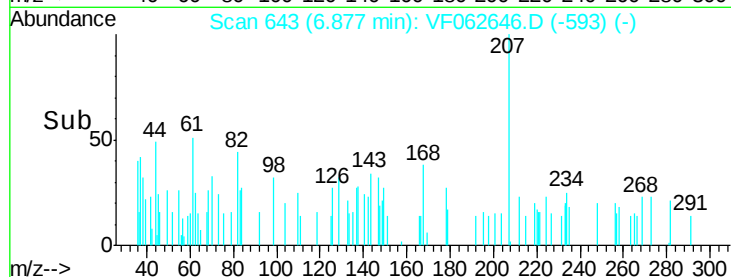
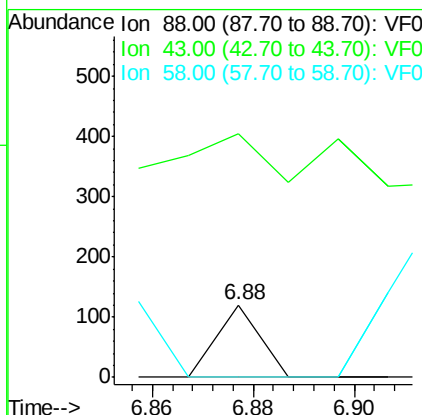
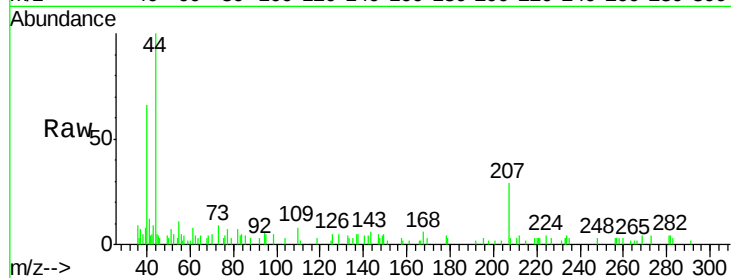




#49
1,4-Dioxane
Concen: 42.103 ug/l
RT: 6.88 min Scan# 643
Delta R.T. -0.00 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

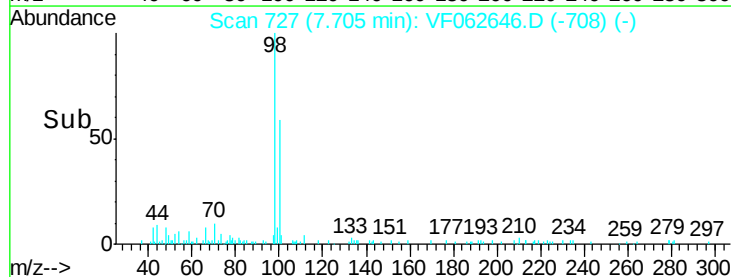
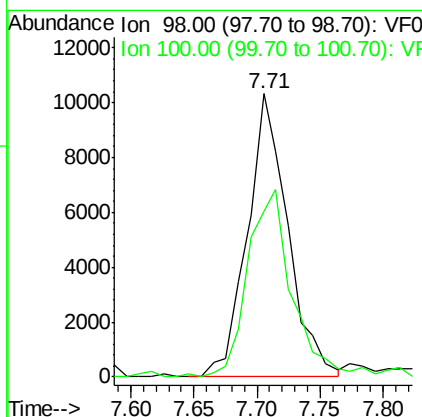
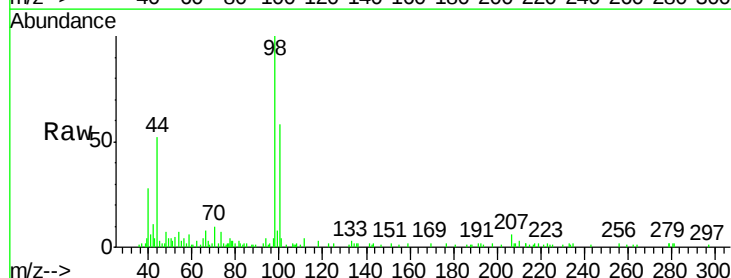
Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

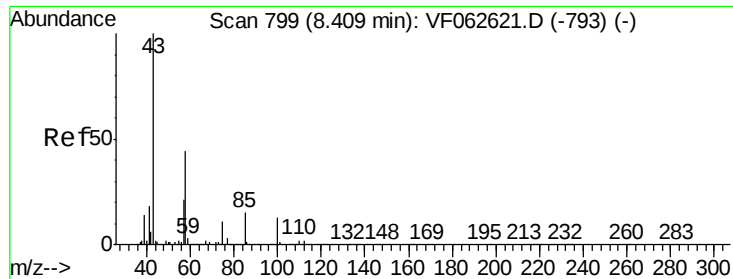
Tot Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 336.7 30.0 45.0#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 27.114 ug/l
RT: 7.71 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Tgt Ion: 98 Resp: 23022
Ion Ratio Lower Upper
98 100
100 58.4 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 4.402 ug/l

RT: 8.34 min Scan# 791

Delta R.T. -0.07 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

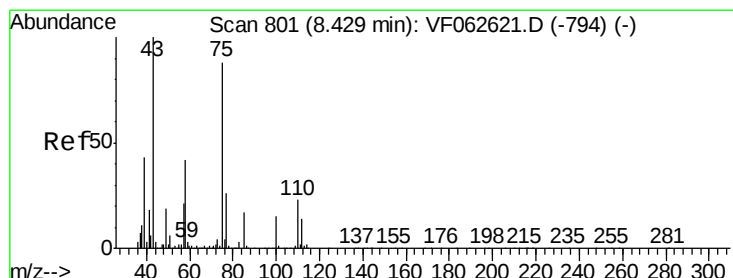
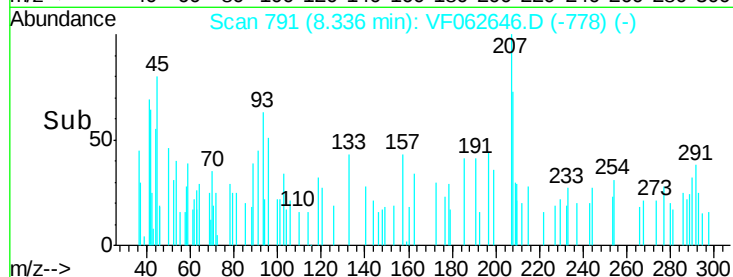
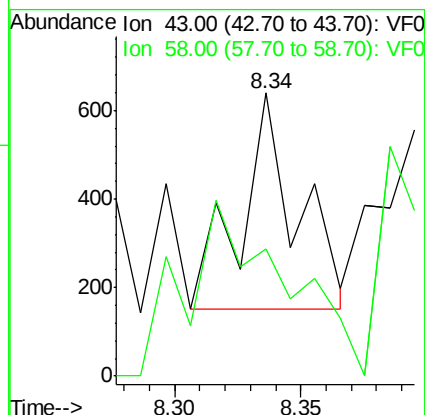
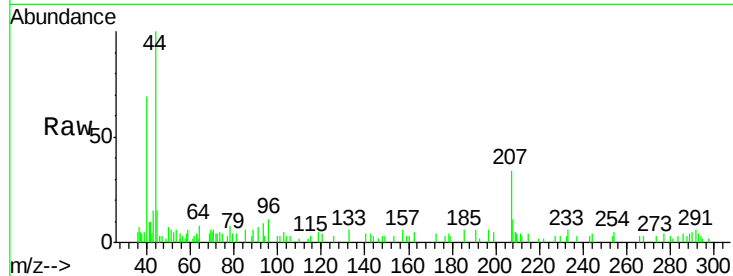
SB-07-2.5-3.5

Tot Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

58 45.1 34.9 52.3



#53

t-1,3-Dichloropropene

Concen: 2.868 ug/l

RT: 8.45 min Scan# 803

Delta R.T. 0.03 min

Lab File: VF062646.D

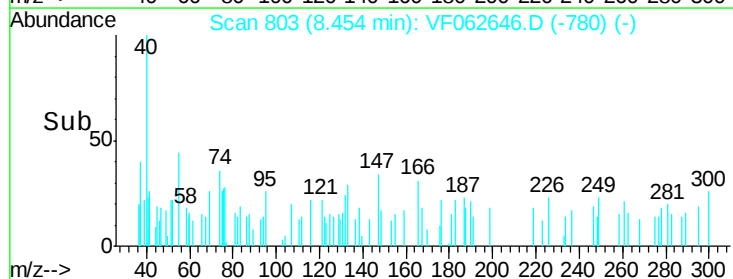
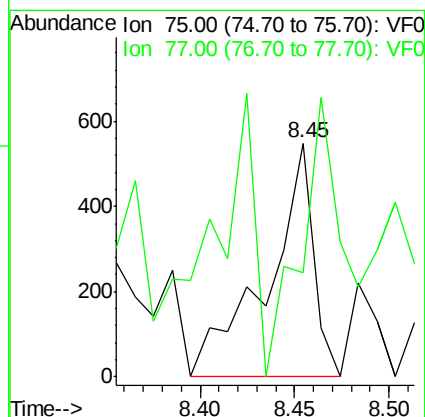
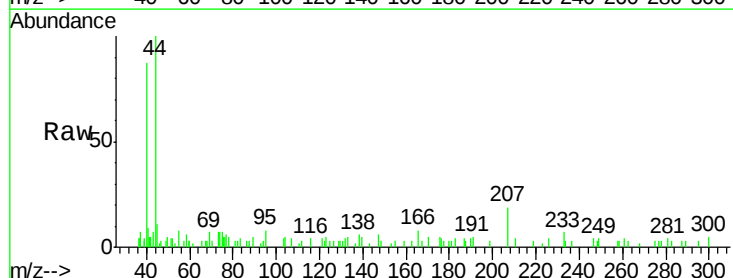
Acq: 17 May 2019 18:51

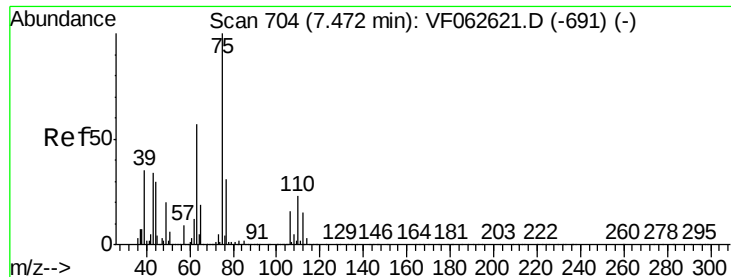
Tgt Ion: 75 Resp: 922

Ion Ratio Lower Upper

75 100

77 44.5 24.2 36.4#





#54

cis-1,3-Dichloropropene

Concen: 1.845 ug/l

RT: 7.44 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

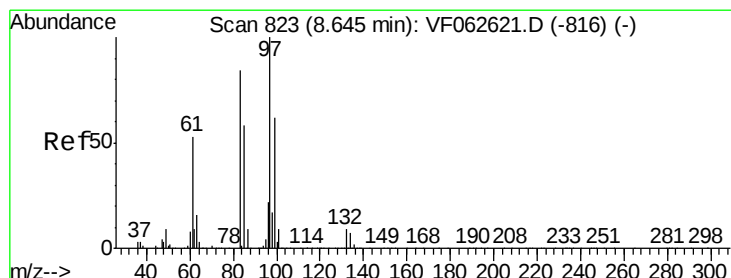
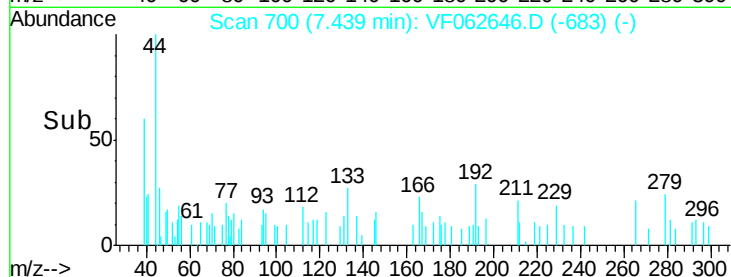
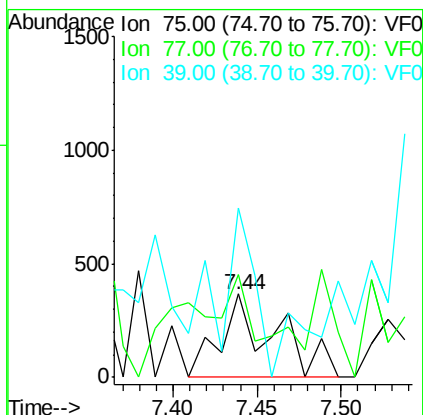
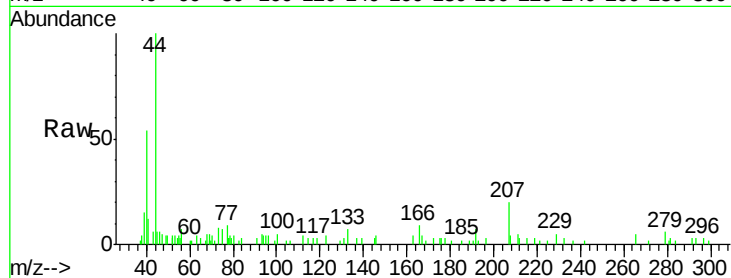
Tot Ion: 75 Resp: 830

Ion Ratio Lower Upper

75 100

77 123.2 25.3 37.9#

39 203.8 28.2 42.2#



#55

1,1,2-Trichloroethane

Concen: 2.323 ug/l

RT: 8.65 min Scan# 823

Delta R.T. 0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Tgt Ion: 97 Resp: 468

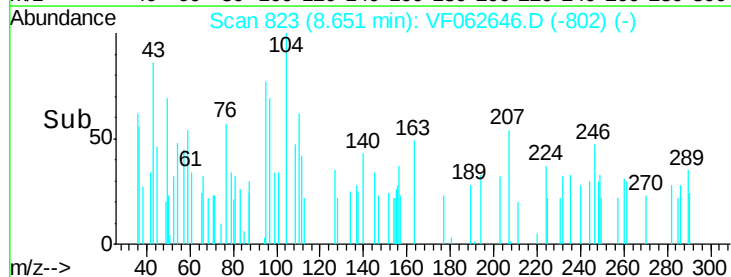
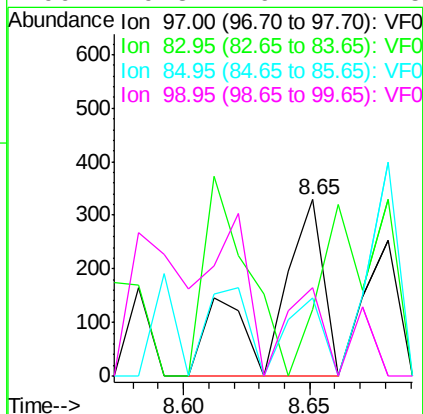
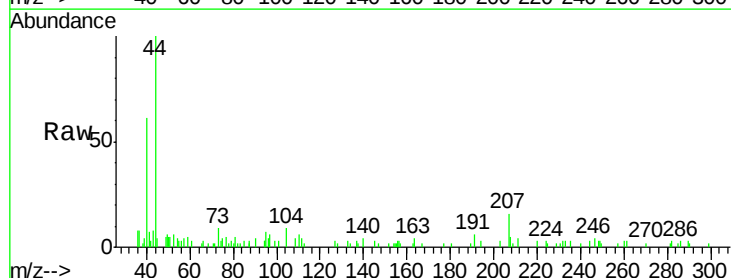
Ion Ratio Lower Upper

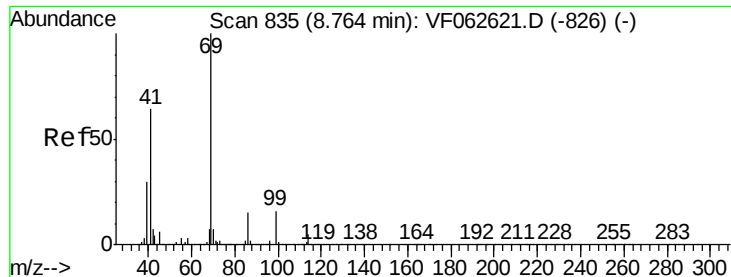
97 100

83 38.0 67.3 100.9#

85 44.1 46.6 69.8#

99 49.8 49.7 74.5





#56

Ethyl methacrylate

Concen: 2.904 ug/l

RT: 8.74 min Scan# 832

Delta R.T. -0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

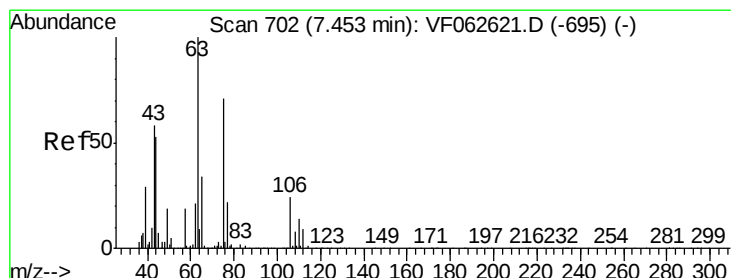
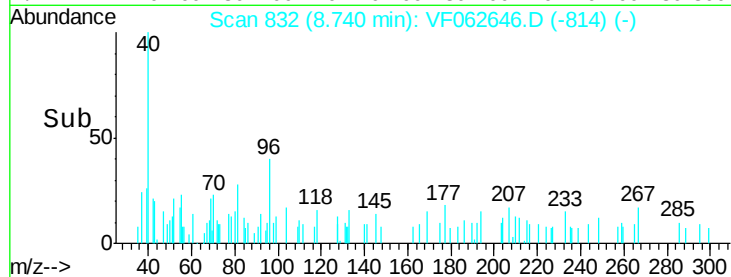
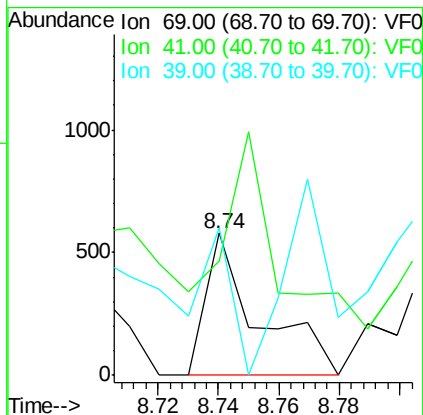
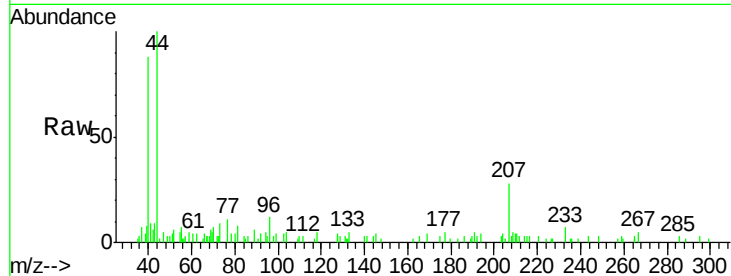
Tot Ion: 69 Resp: 697

Ion Ratio Lower Upper

69 100

41 80.8 51.4 77.2#

39 103.5 23.6 35.4#



#58

2-Chloroethyl Vinyl ether

Concen: 8.589 ug/l

RT: 7.45 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF062646.D

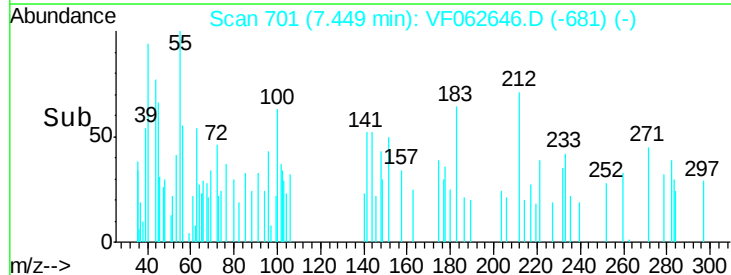
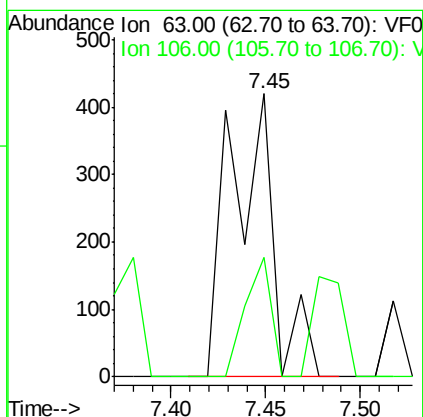
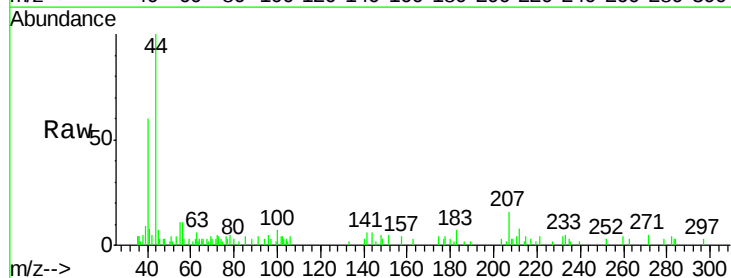
Acq: 17 May 2019 18:51

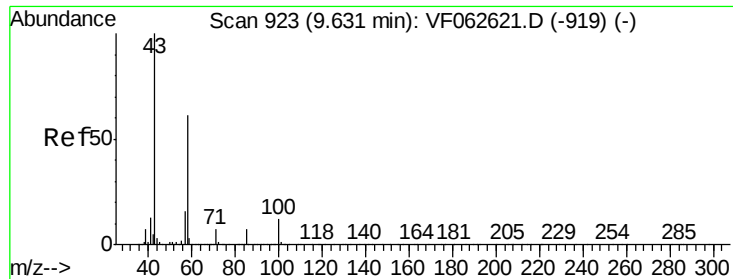
Tgt Ion: 63 Resp: 671

Ion Ratio Lower Upper

63 100

106 42.1 19.1 28.7#





#59

2-Hexanone

Concen: Below Cal

RT: 9.63 min Scan# 922

Delta R.T. -0.00 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

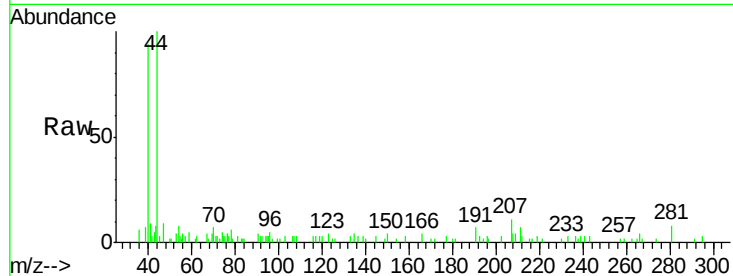
SB-07-2.5-3.5

Tot Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

58 38.4 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.63

600

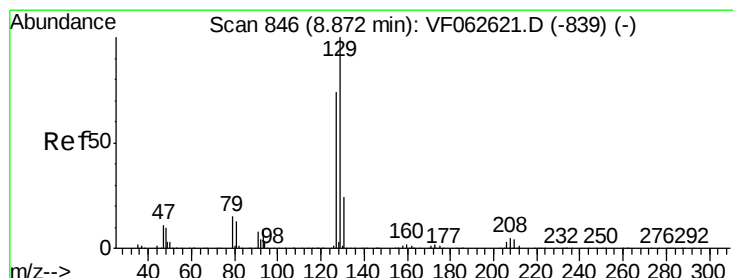
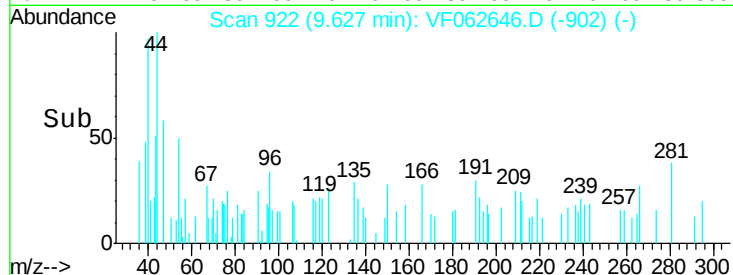
400

200

0

9.62 9.64

Time-->



#60

Dibromochloromethane

Concen: 1.436 ug/l

RT: 8.94 min Scan# 852

Delta R.T. 0.07 min

Lab File: VF062646.D

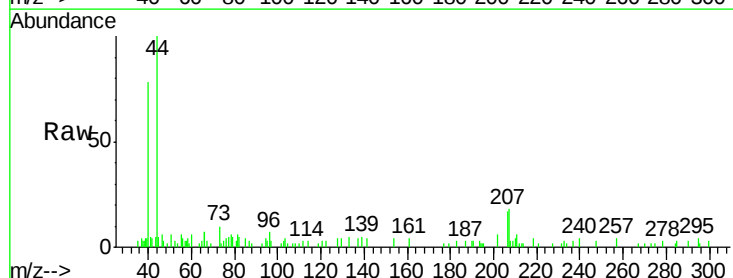
Acq: 17 May 2019 18:51

Tgt Ion: 129 Resp: 377

Ion Ratio Lower Upper

129 100

127 89.8 37.2 111.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

300

250

200

150

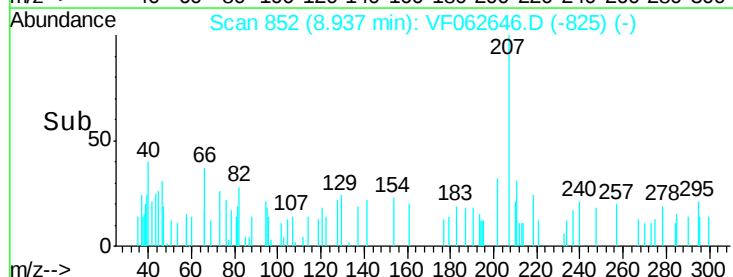
100

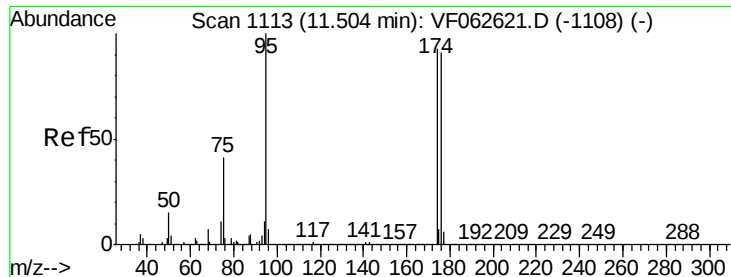
50

0

8.90 8.95

Time-->





#62

4-Bromofluorobenzene

Concen: 3.813 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

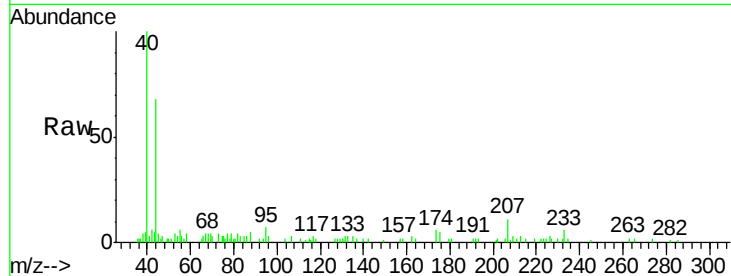
Tot Ion: 95 Resp: 1228

Ion Ratio Lower Upper

95 100

174 84.1 0.0 185.6

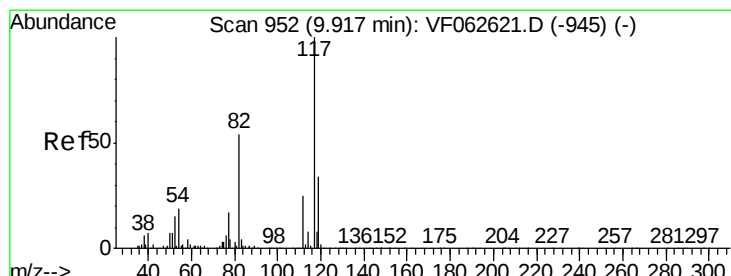
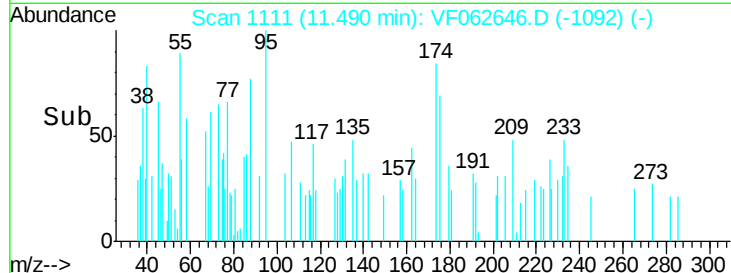
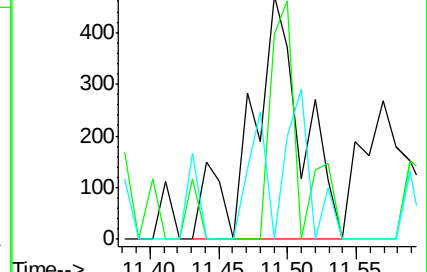
176 0.0 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

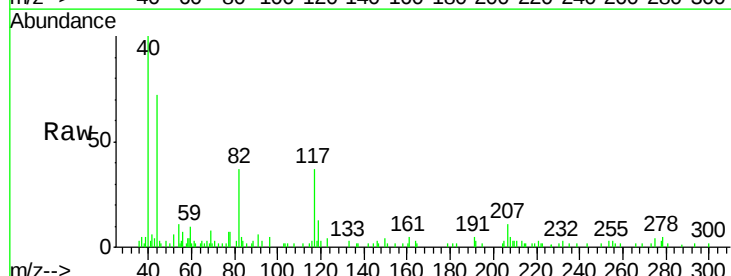
Tgt Ion: 117 Resp: 7142

Ion Ratio Lower Upper

117 100

82 100.2 43.3 64.9#

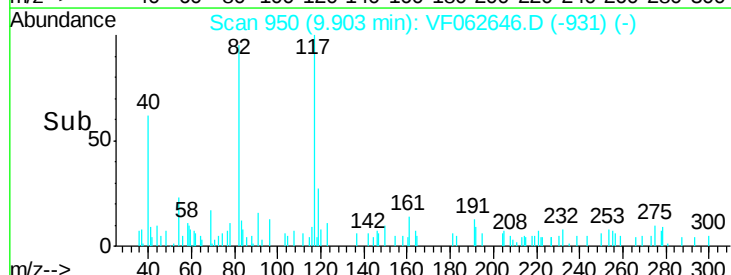
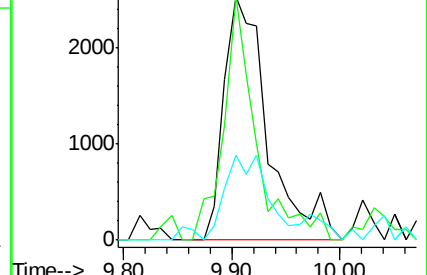
119 35.0 27.4 41.0

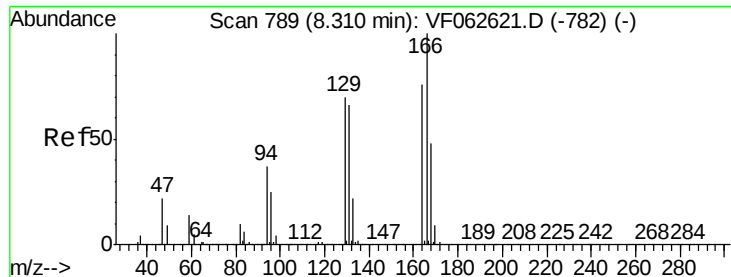


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#64

Tetrachloroethene

Concen: 2.757 ug/l

RT: 8.27 min Scan# 784

Delta R.T. -0.04 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

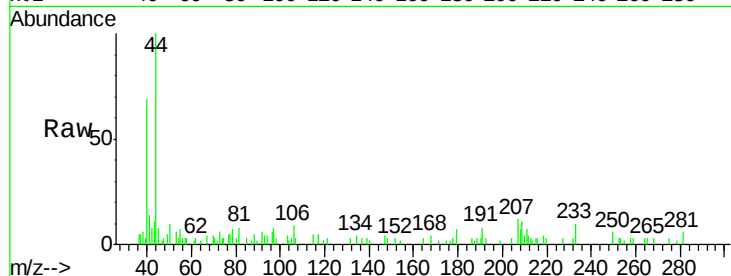
Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

Tot Ion:	164	Resp:	156
Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.5	158.3#
129	0.0	73.8	110.6#
131	82.7	69.5	104.3

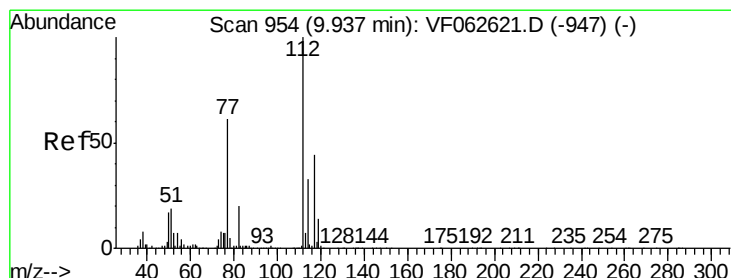
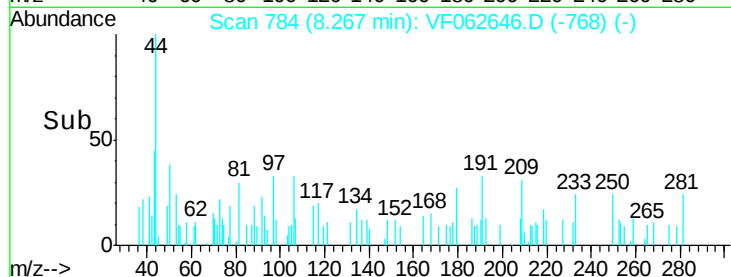
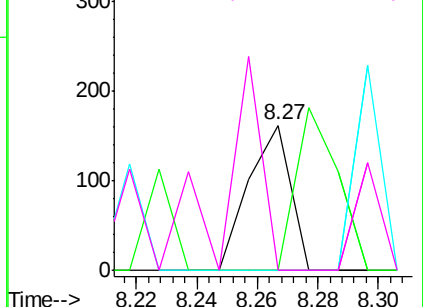


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 1.811 ug/l

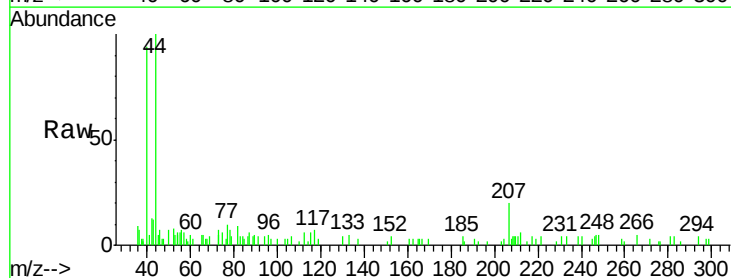
RT: 9.88 min Scan# 948

Delta R.T. -0.05 min

Lab File: VF062646.D

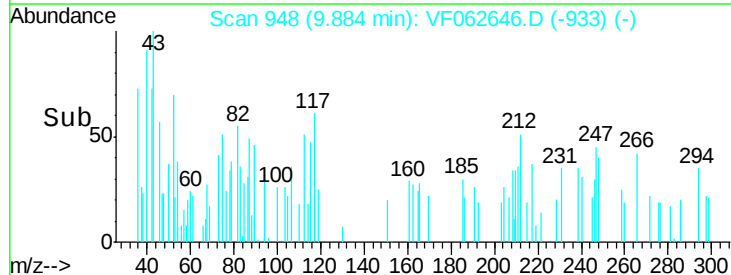
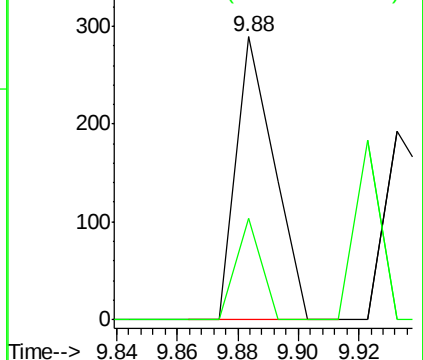
Acq: 17 May 2019 18:51

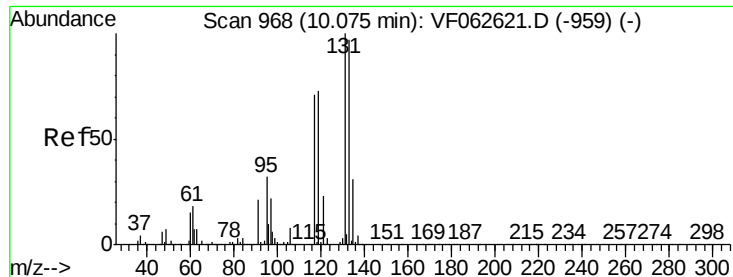
Tgt Ion:	112	Resp:	254
Ion	Ratio	Lower	Upper
112	100		
114	35.6	26.8	40.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.598 ug/l

RT: 10.11 min Scan# 971

Delta R.T. 0.04 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

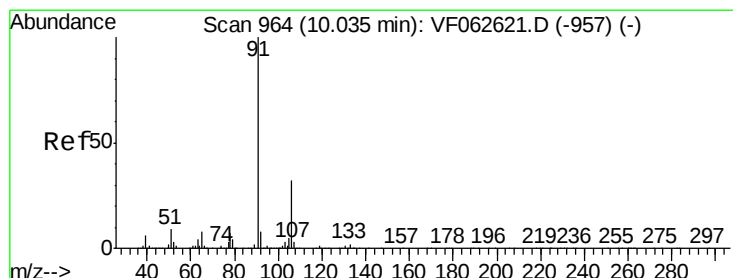
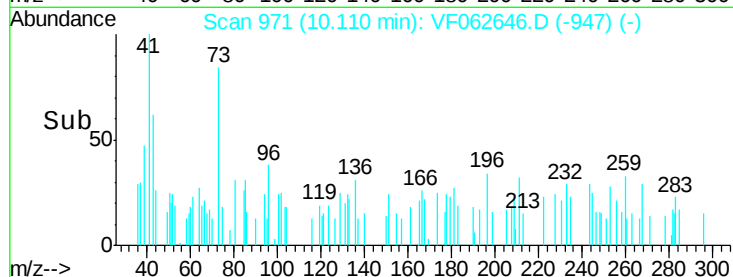
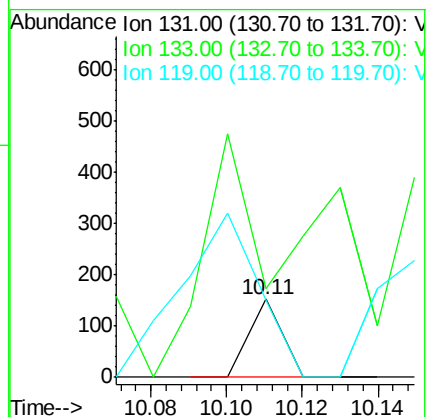
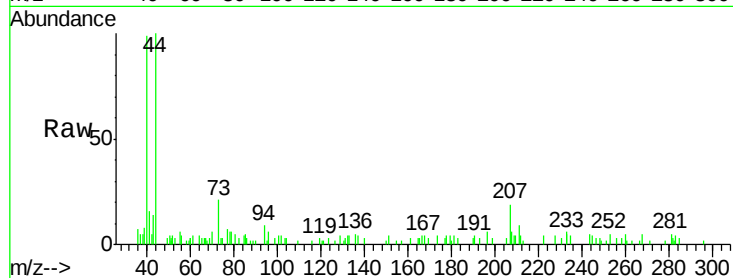
Tot Ion:131 Resp: 90

Ion Ratio Lower Upper

131 100

133 114.5 48.5 145.5

119 99.3 36.8 110.4



#67

Ethyl Benzene

Concen: 4.604 ug/l

RT: 10.00 min Scan# 960

Delta R.T. -0.03 min

Lab File: VF062646.D

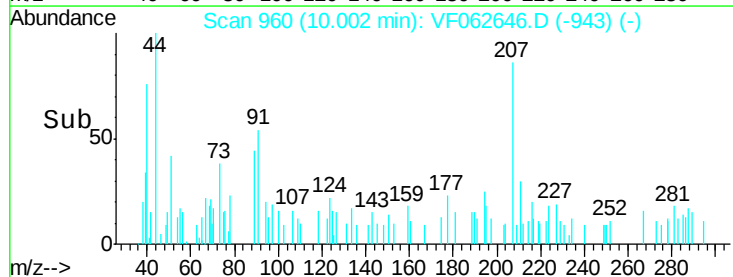
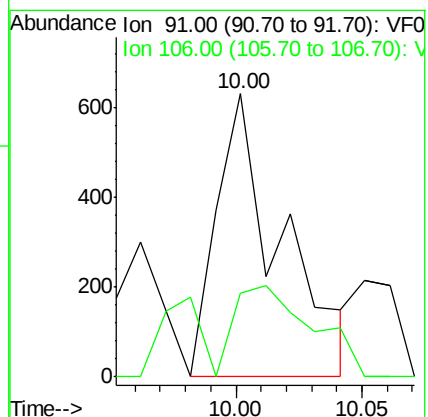
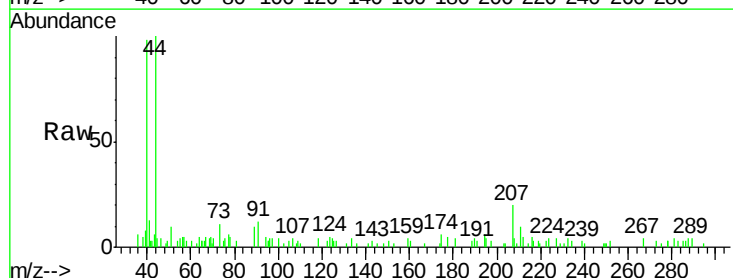
Acq: 17 May 2019 18:51

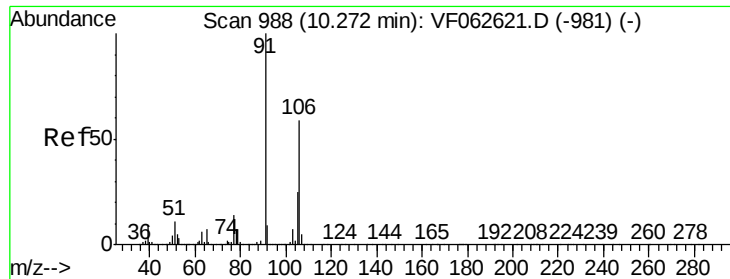
Tgt Ion: 91 Resp: 1122

Ion Ratio Lower Upper

91 100

106 29.6 25.8 38.8

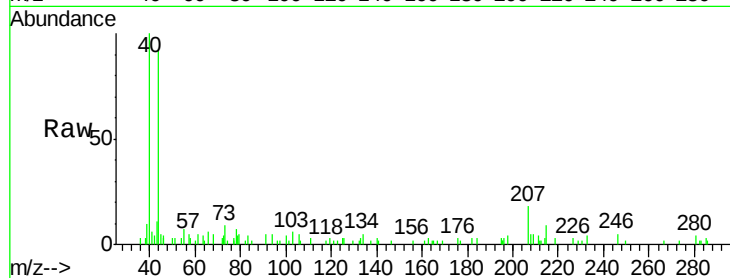




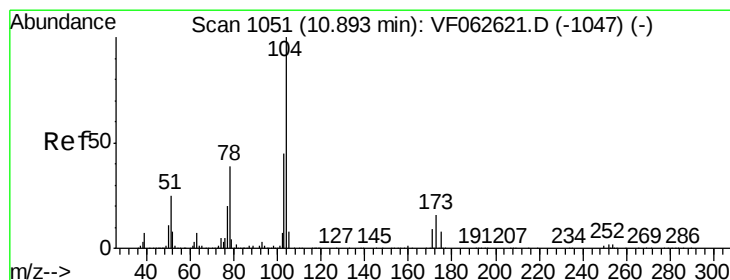
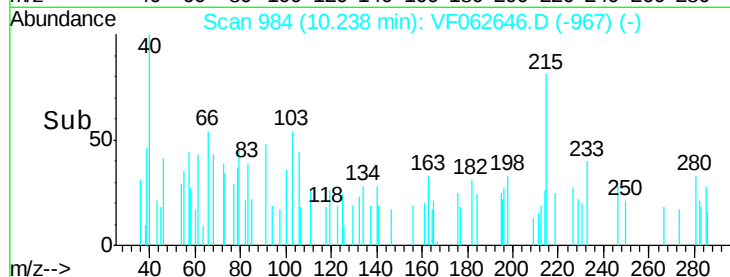
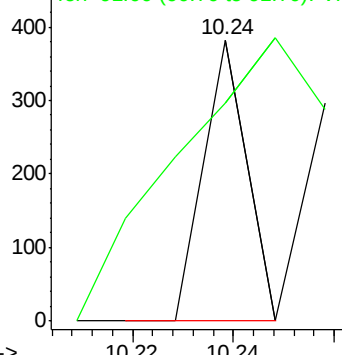
#68
m/p-Xvlenes
Concen: 2.468 ug/l
RT: 10.24 min Scan# 984
Delta R.T. -0.03 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Instrument :
MSVOA_F
ClientSampleId :
SB-07-2.5-3.5

Tot Ion:106 Resp: 226
Ion Ratio Lower Upper
106 100
91 77.7 136.9 205.3#

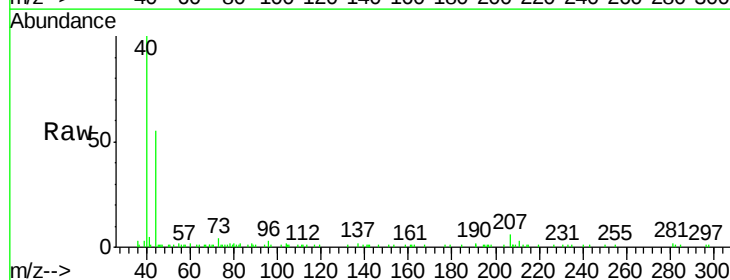


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

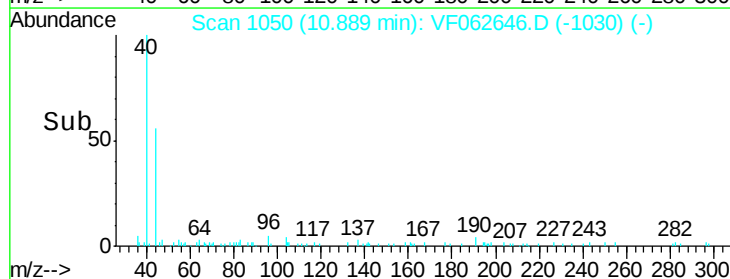
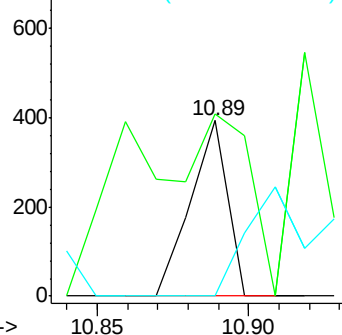


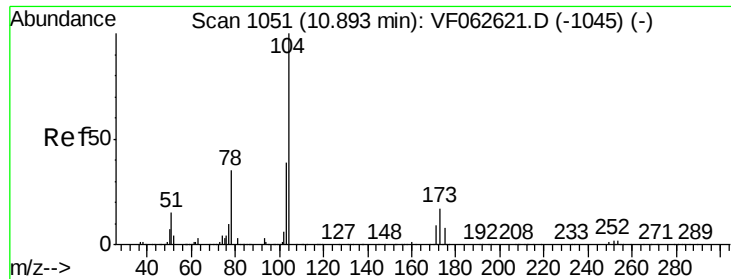
#70
Styrene
Concen: 2.357 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VF062646.D
Acq: 17 May 2019 18:51

Tgt Ion:104 Resp: 338
Ion Ratio Lower Upper
104 100
78 103.6 31.9 47.9#
103 0.0 36.1 54.1#



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





#71

Bromoform

Concen: 2.340 ug/l

RT: 10.83 min Scan# 1044

Delta R.T. -0.06 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

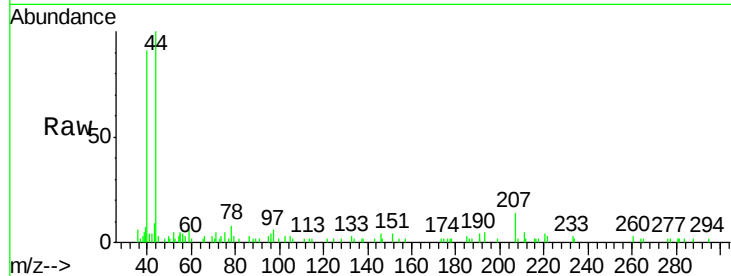
Tot Ion:173 Resp: 66

Ion Ratio Lower Upper

173 100

175 0.0 25.3 75.9#

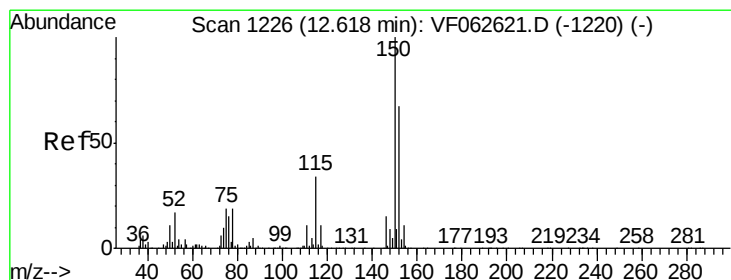
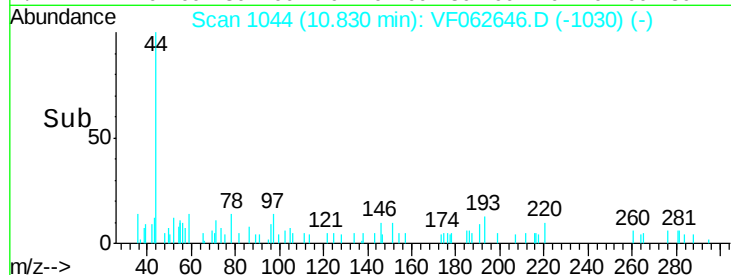
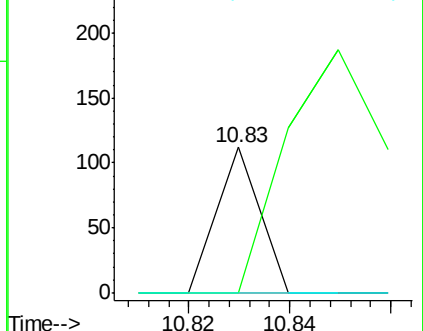
254 0.0 0.2 0.2#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

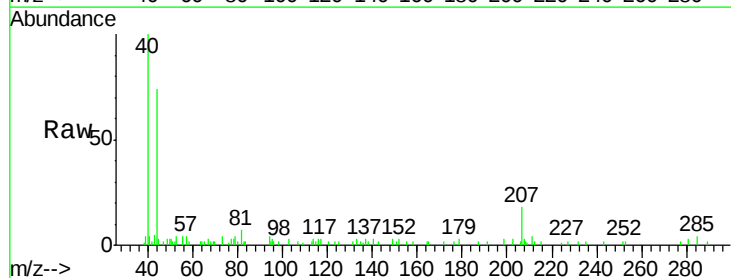
Tgt Ion:152 Resp: 228

Ion Ratio Lower Upper

152 100

115 61.6 25.2 75.6

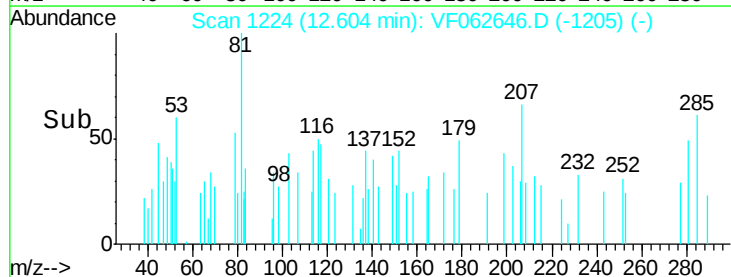
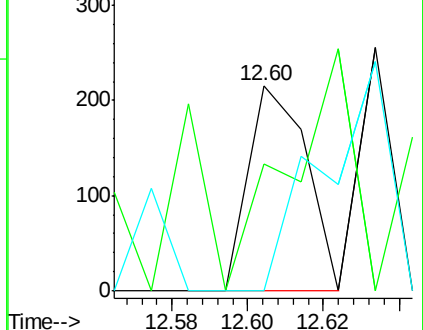
150 0.0 0.0 306.2

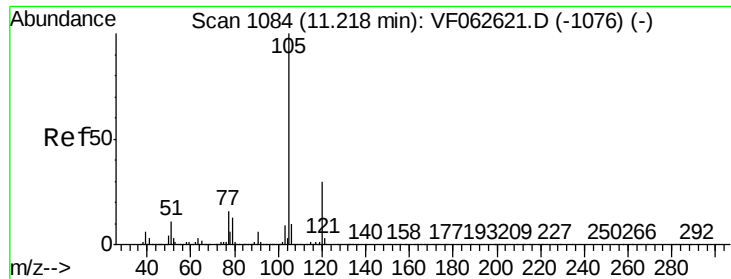


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 80.717 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

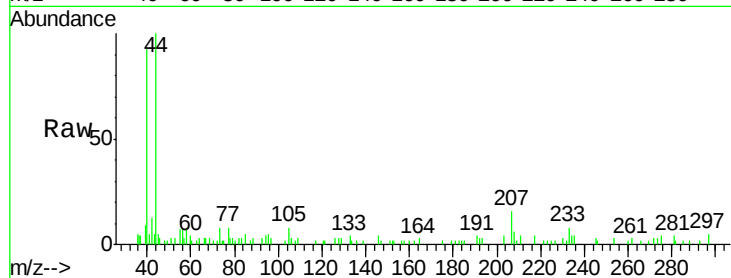
SB-07-2.5-3.5

Tot Ion:105 Resp: 1319

Ion Ratio Lower Upper

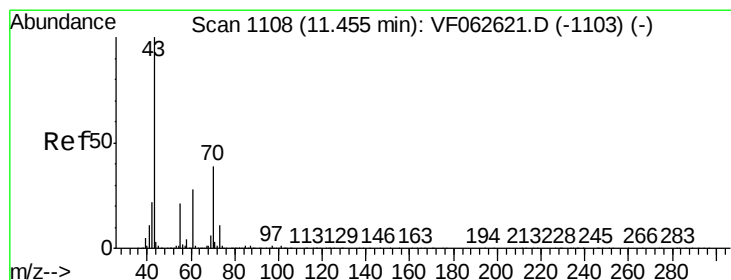
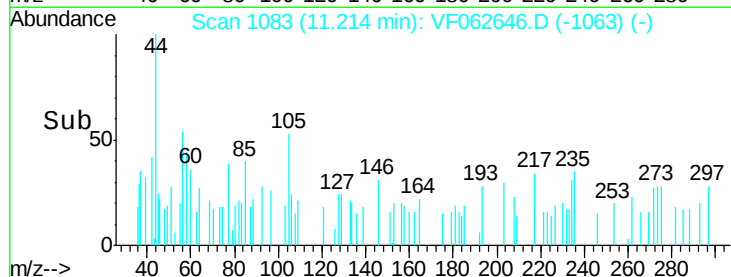
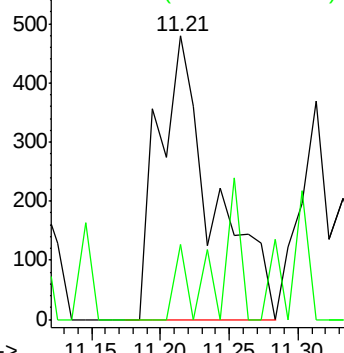
105 100

120 26.3 14.8 44.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 180.252 ug/l

RT: 11.47 min Scan# 1109

Delta R.T. 0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Tgt Ion: 43 Resp: 691

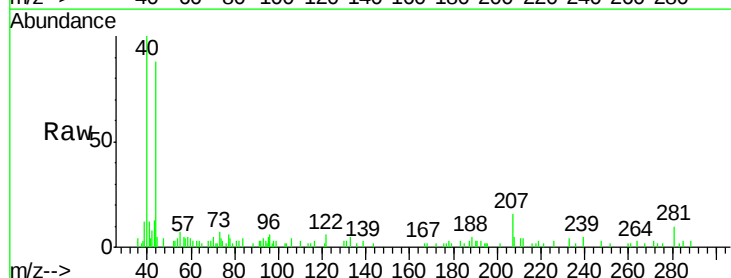
Ion Ratio Lower Upper

43 100

70 41.5 30.9 46.3

55 58.3 17.0 25.4#

61 24.4 22.6 34.0

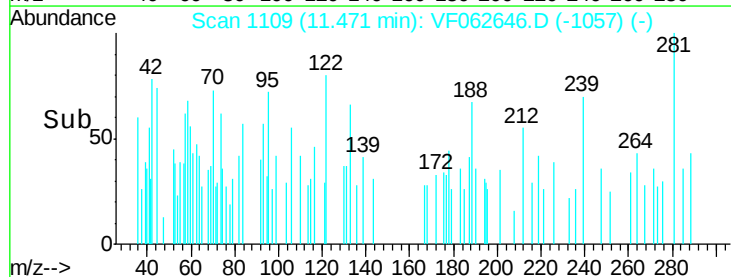
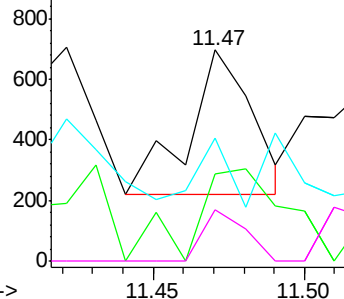


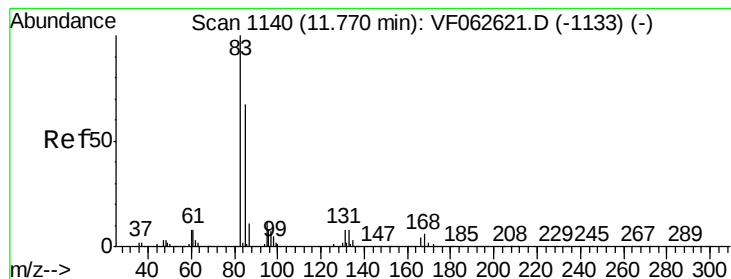
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 182.660 ug/l

RT: 11.80 min Scan# 1142

Delta R.T. 0.03 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

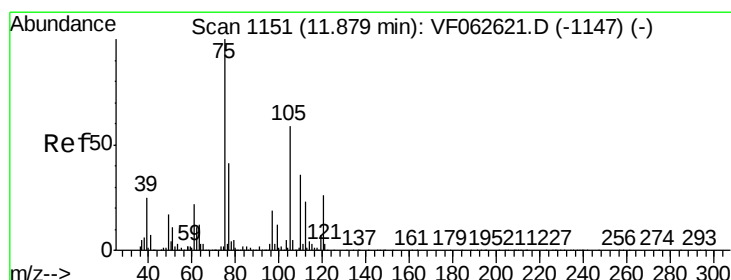
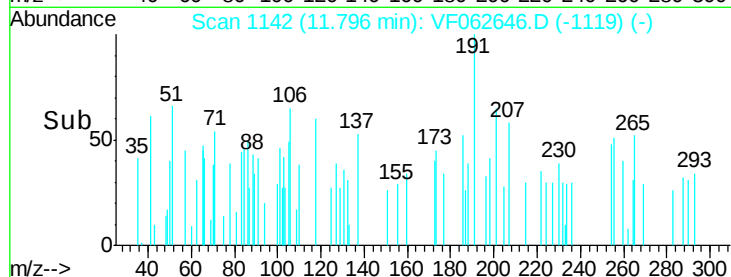
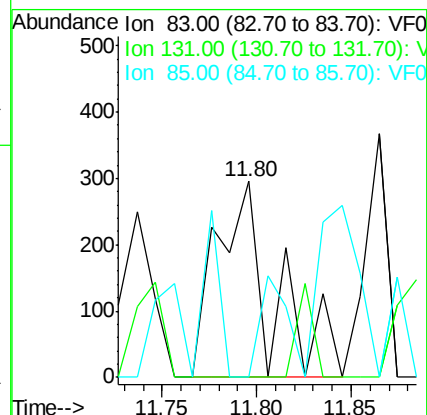
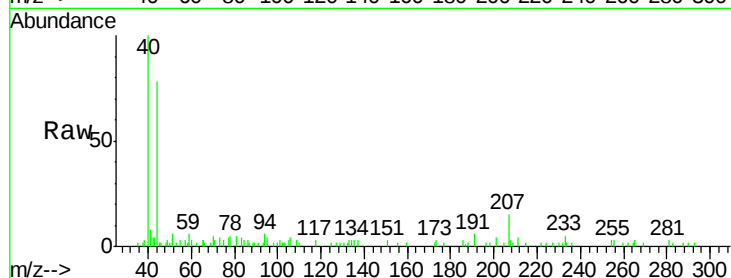
Tot Ion: 83 Resp: 610

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.0#

85 0.0 33.5 100.5#



#76

1,2,3-Trichloropropane

Concen: 165.886 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.02 min

Lab File: VF062646.D

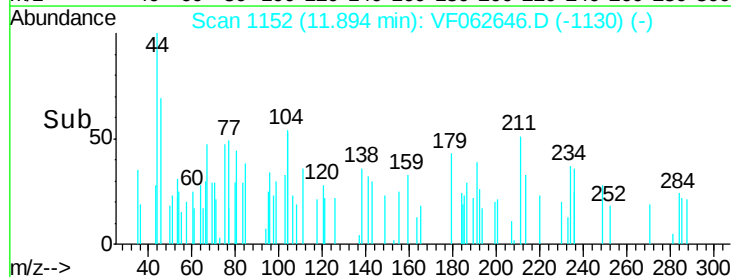
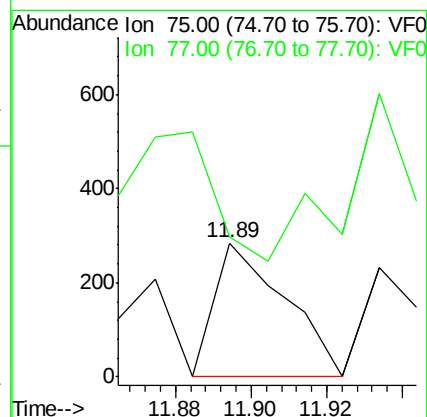
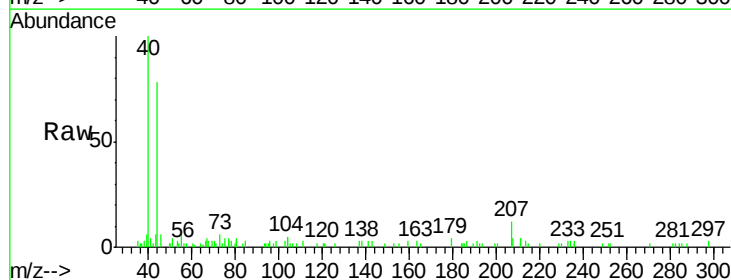
Acq: 17 May 2019 18:51

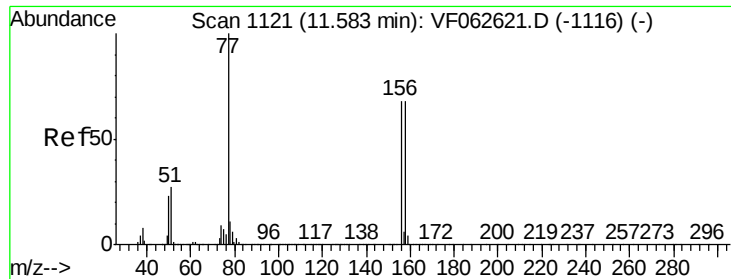
Tgt Ion: 75 Resp: 364

Ion Ratio Lower Upper

75 100

77 104.6 20.6 61.8#





#77

Bromobenzene

Concen: 97.491 ug/l

RT: 11.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

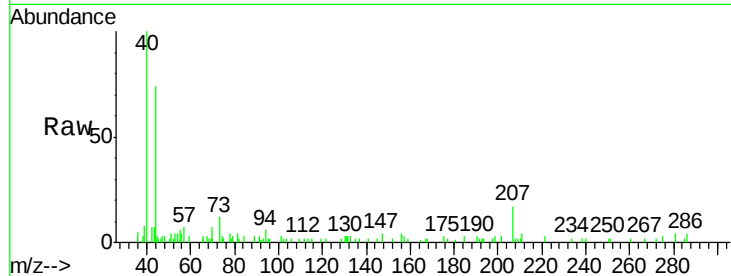
Tot Ion:156 Resp: 396

Ion Ratio Lower Upper

156 100

77 0.0 73.6 220.8#

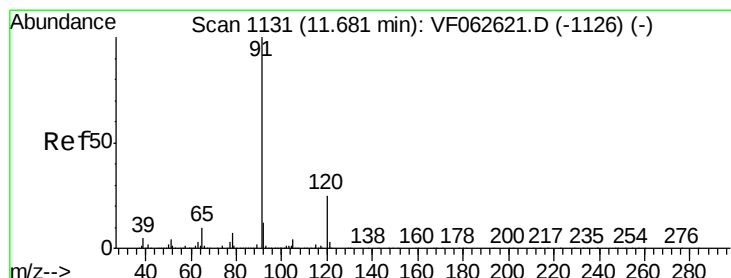
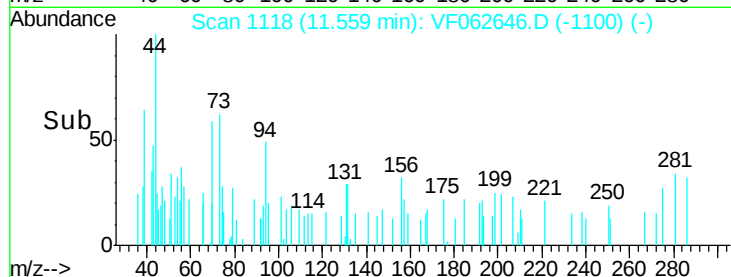
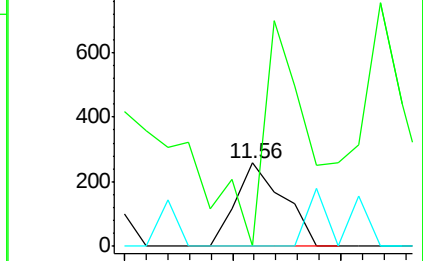
158 0.0 49.6 148.8#



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: 30.456 ug/l

RT: 11.84 min Scan# 1146

Delta R.T. 0.15 min

Lab File: VF062646.D

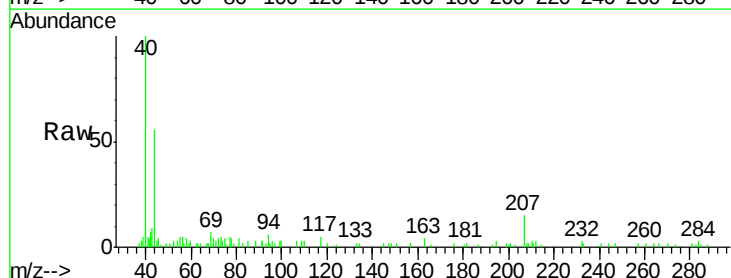
Acq: 17 May 2019 18:51

Tgt Ion: 91 Resp: 589

Ion Ratio Lower Upper

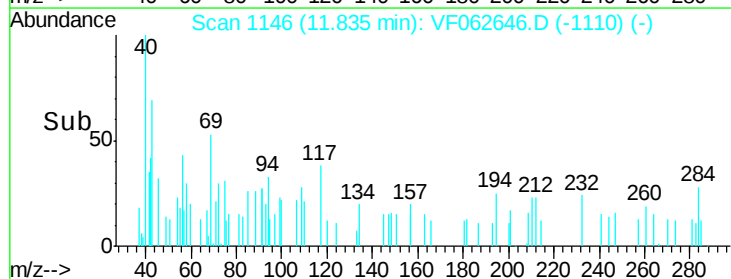
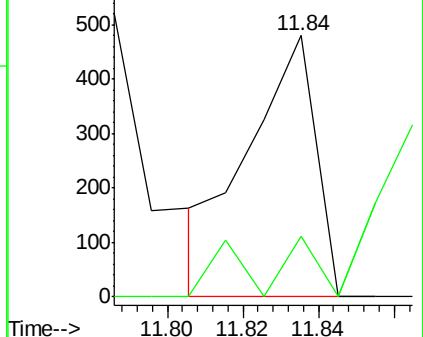
91 100

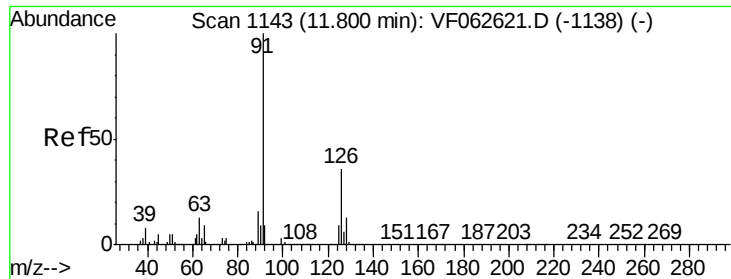
120 23.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 28.810 ug/l

RT: 11.79 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampled :

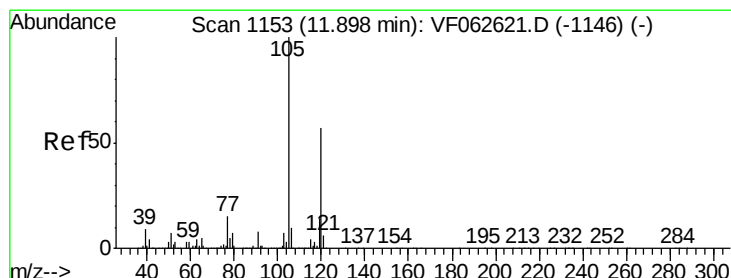
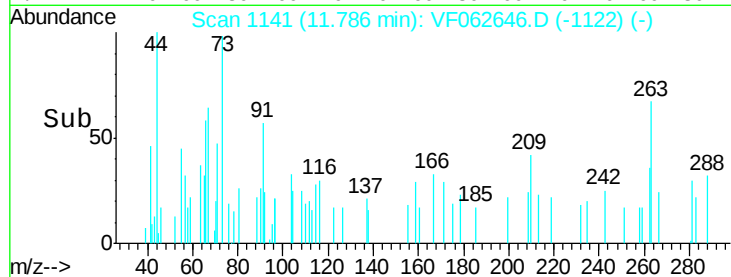
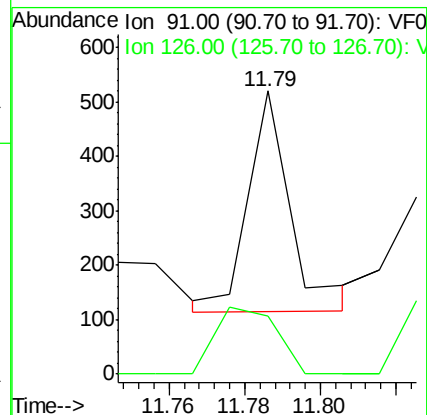
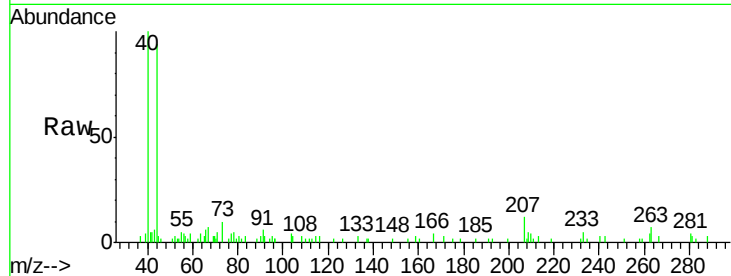
SB-07-2.5-3.5

Tot Ion: 91 Resp: 314

Ion Ratio Lower Upper

91 100

126 20.4 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 51.744 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF062646.D

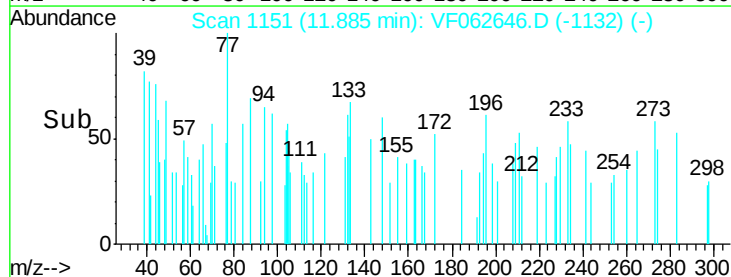
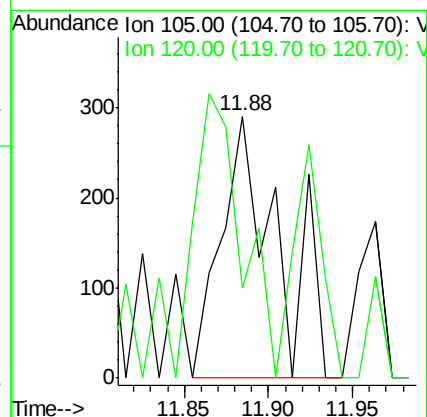
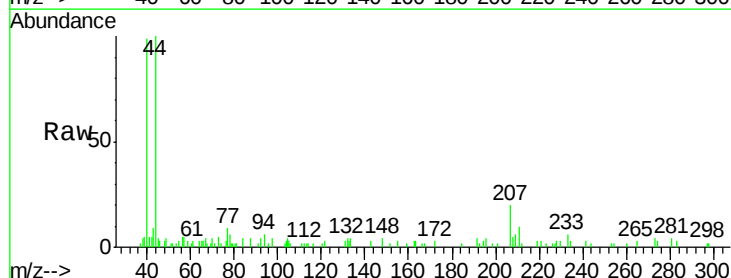
Acq: 17 May 2019 18:51

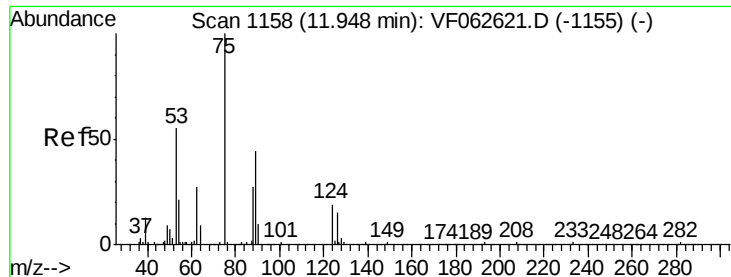
Tgt Ion: 105 Resp: 678

Ion Ratio Lower Upper

105 100

120 34.4 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 317.827 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

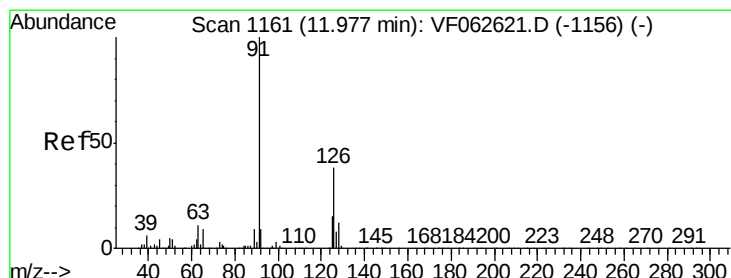
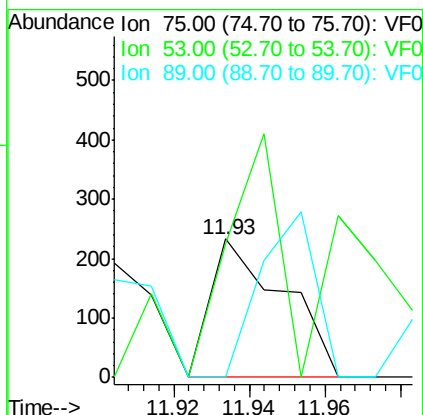
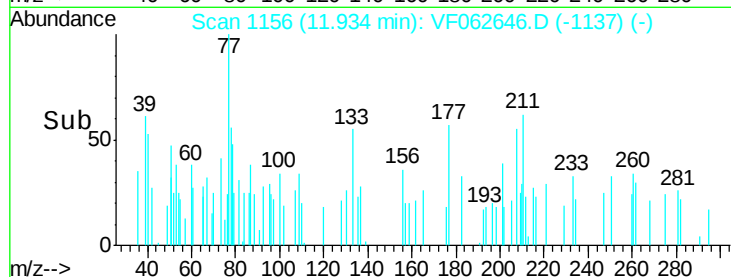
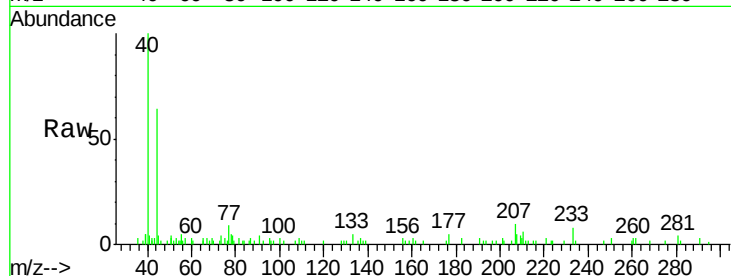
Tot Ion: 75 Resp: 310

Ion Ratio Lower Upper

75 100

53 97.0 46.9 70.3#

89 0.0 36.4 54.6#



#82

4-Chlorotoluene

Concen: 98.253 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VF062646.D

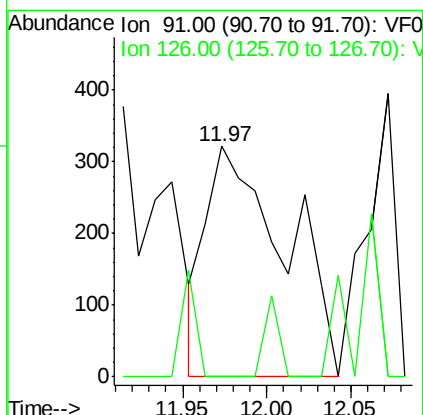
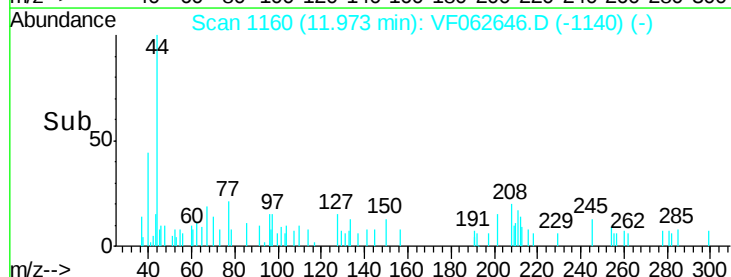
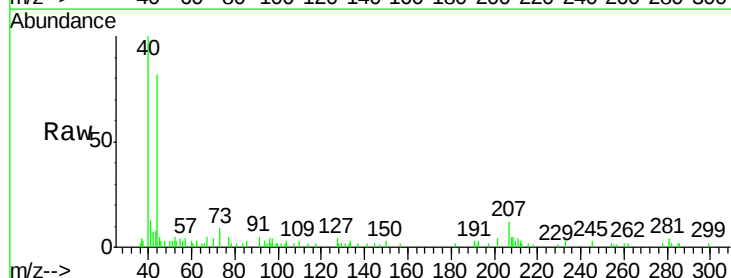
Acq: 17 May 2019 18:51

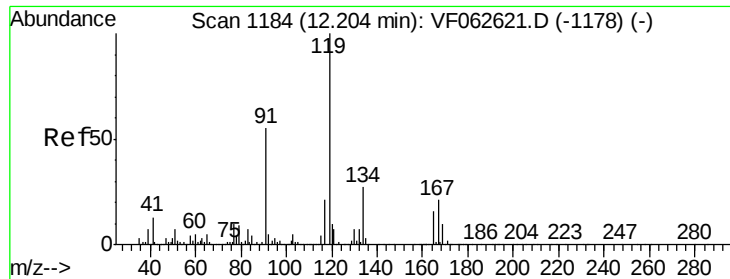
Tgt Ion: 91 Resp: 1056

Ion Ratio Lower Upper

91 100

126 0.0 19.1 57.1#





#83

tert-Butylbenzene

Concen: 70.861 ug/l

RT: 12.19 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

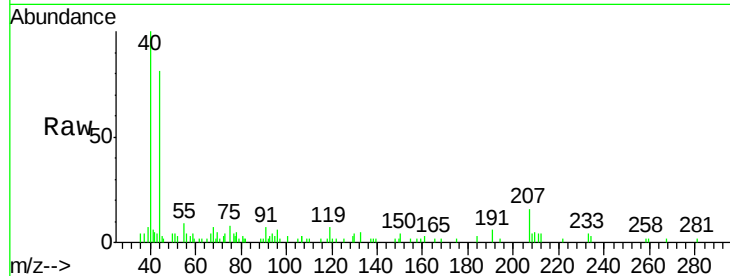
Tot Ion:119 Resp: 942

Ion Ratio Lower Upper

119 100

91 100.7 27.3 81.9#

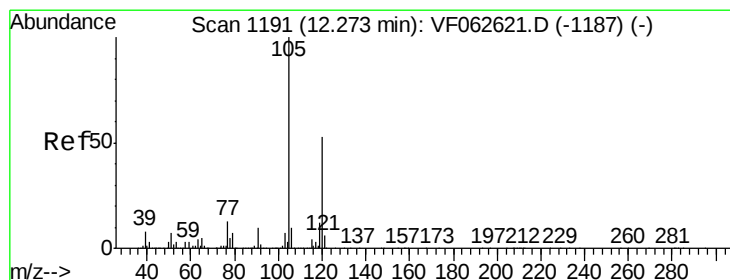
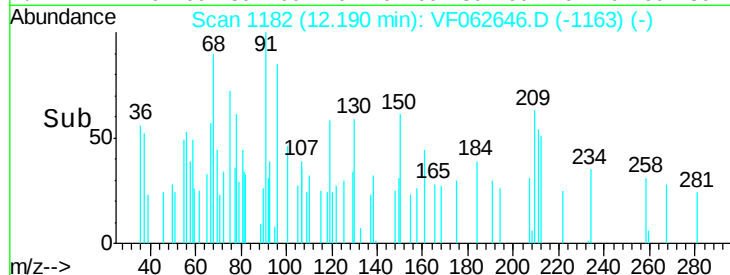
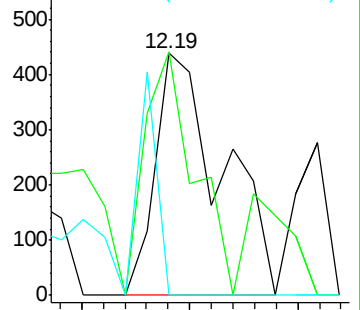
134 0.0 13.6 40.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 39.426 ug/l

RT: 12.11 min Scan# 1174

Delta R.T. -0.16 min

Lab File: VF062646.D

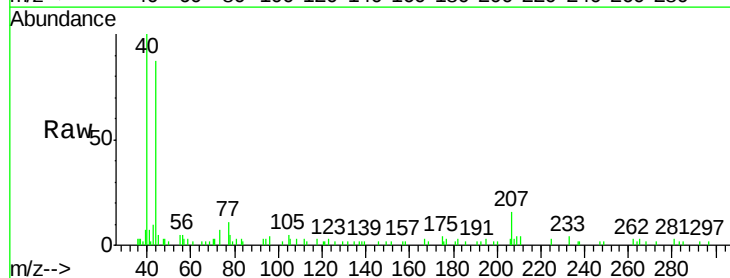
Acq: 17 May 2019 18:51

Tgt Ion:105 Resp: 500

Ion Ratio Lower Upper

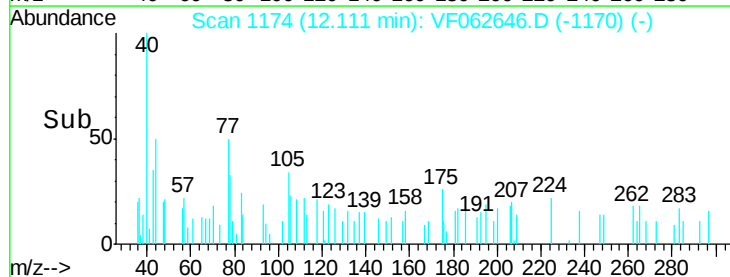
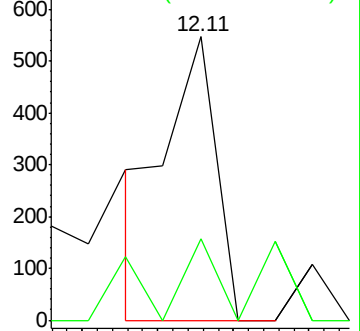
105 100

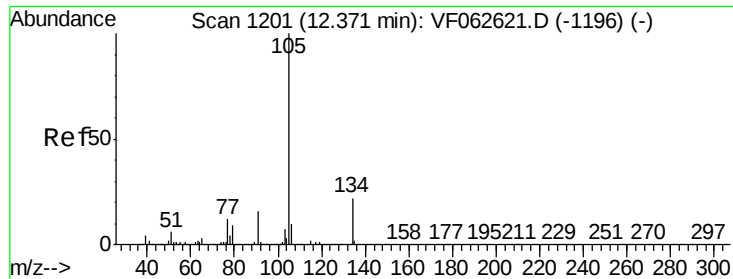
120 28.7 26.7 80.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 63.900 ug/l

RT: 12.37 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

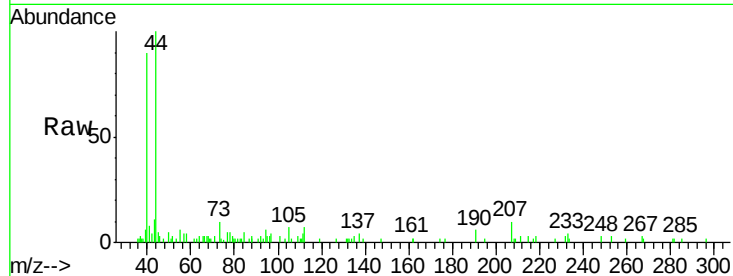
SB-07-2.5-3.5

Tot Ion:105 Resp: 1140

Ion Ratio Lower Upper

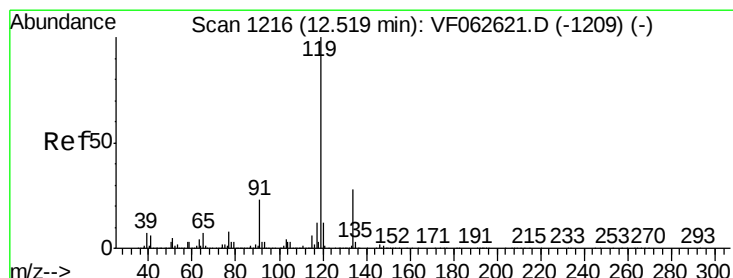
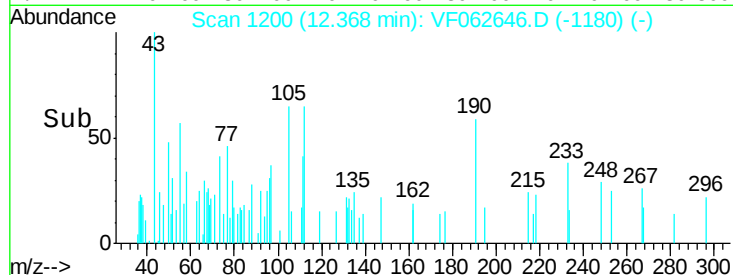
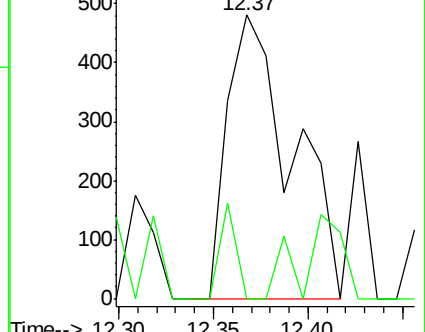
105 100

134 0.0 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.079 ug/l

RT: 12.52 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

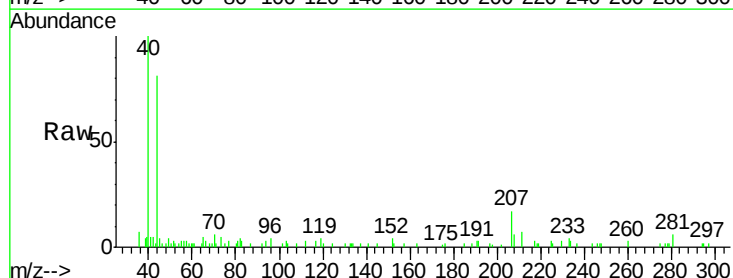
Tgt Ion:119 Resp: 347

Ion Ratio Lower Upper

119 100

134 46.1 14.1 42.3#

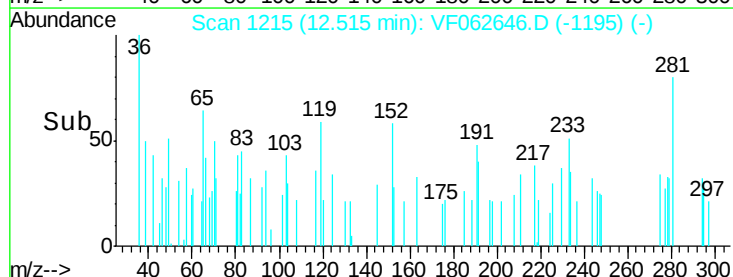
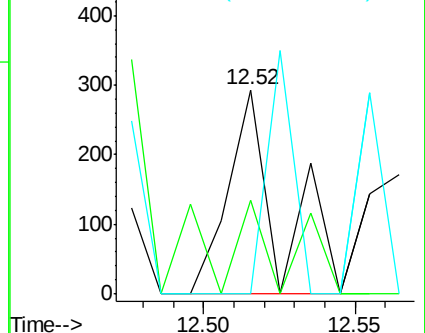
91 0.0 11.4 34.2#

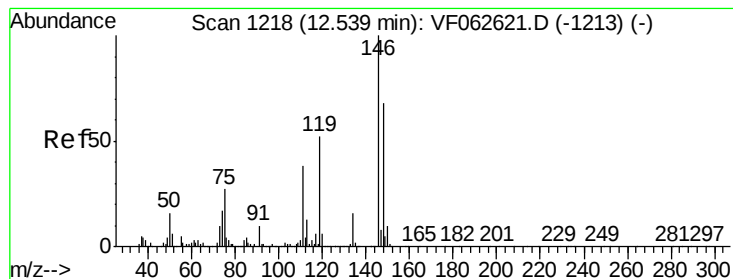


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 43.817 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampled :

SB-07-2.5-3.5

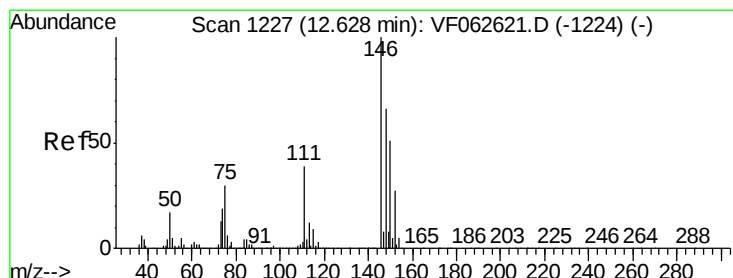
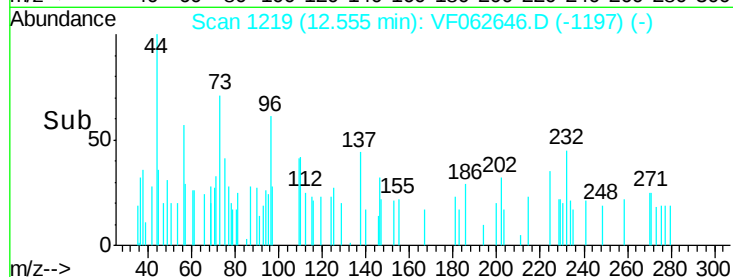
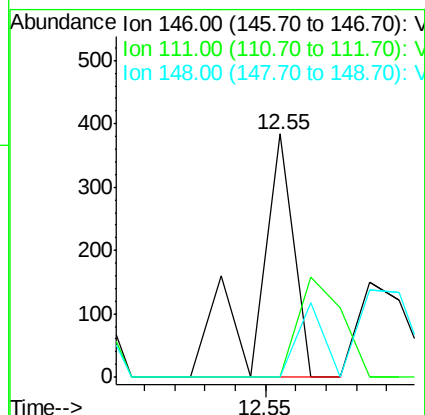
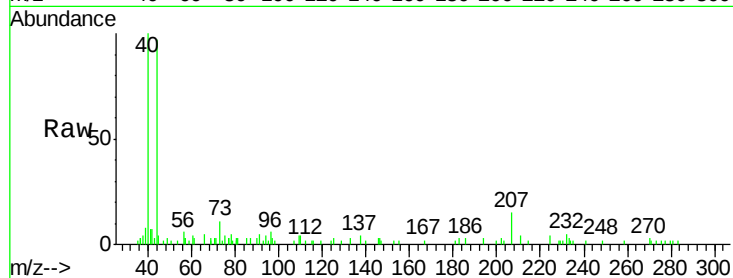
Tot Ion:146 Resp: 322

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: 23.346 ug/l

RT: 12.58 min Scan# 1222

Delta R.T. -0.04 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

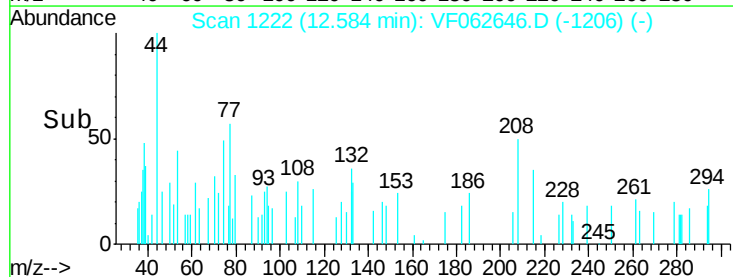
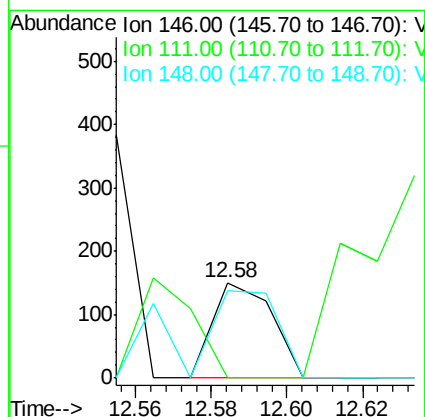
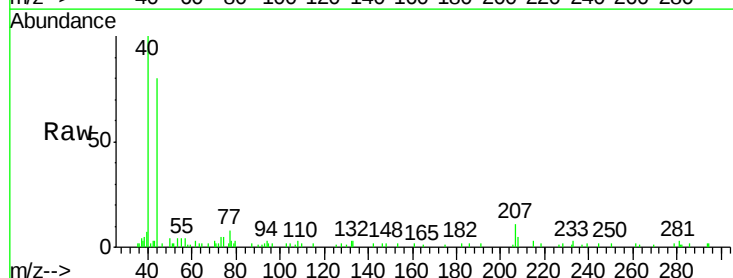
Tgt Ion:146 Resp: 161

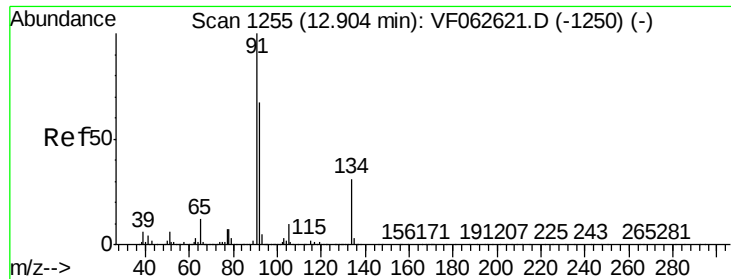
Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.2#

148 92.0 33.2 99.6





#89

n-Butylbenzene

Concen: 32.515 ug/l

RT: 12.87 min Scan# 1251

Delta R.T. -0.03 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

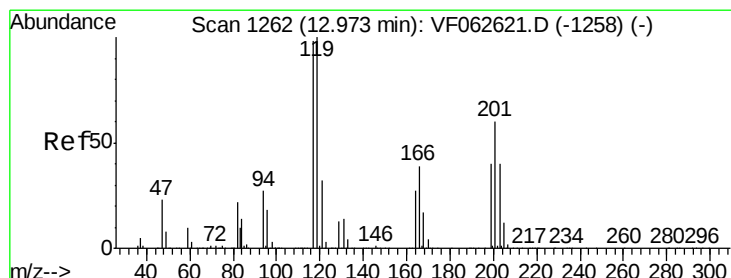
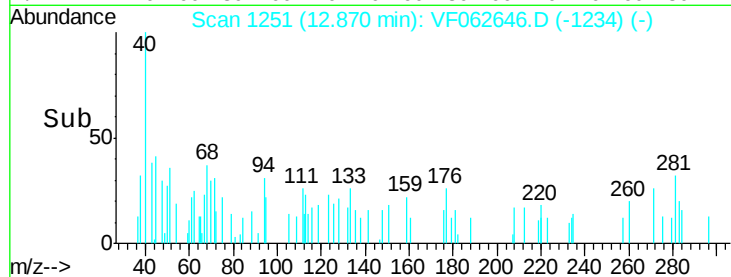
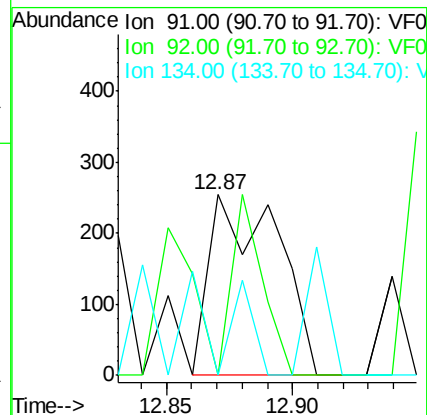
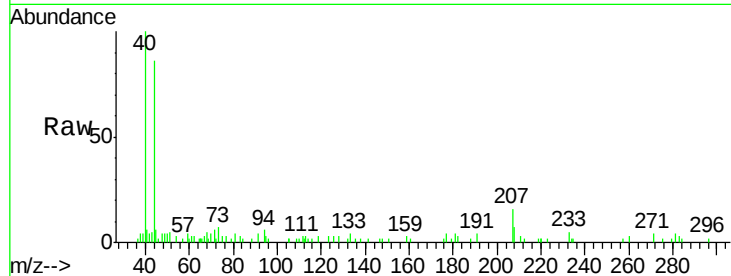
Tot Ion: 91 Resp: 482

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

134 0.0 15.4 46.4#



#90

Hexachloroethane

Concen: 22.181 ug/l

RT: 12.94 min Scan# 1258

Delta R.T. -0.03 min

Lab File: VF062646.D

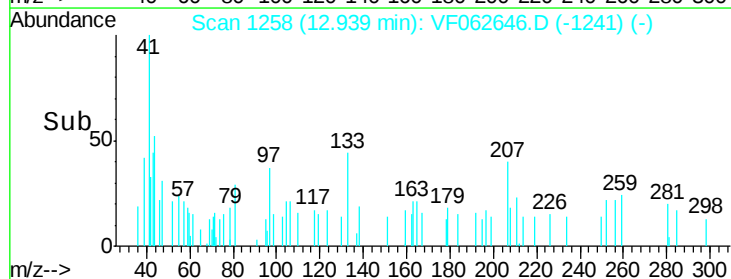
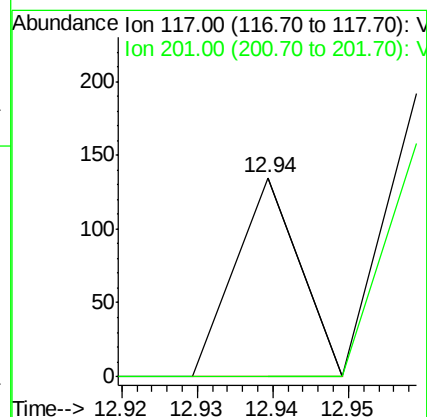
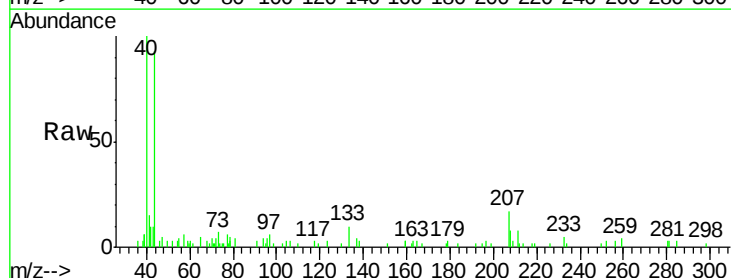
Acq: 17 May 2019 18:51

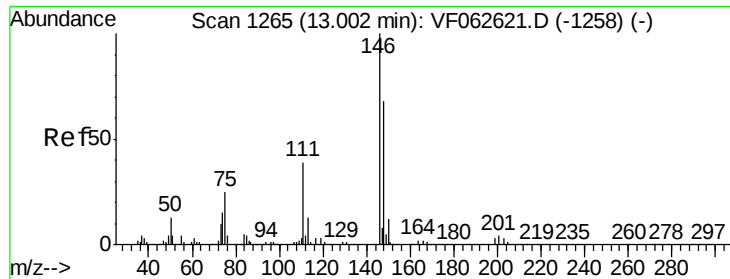
Tgt Ion: 117 Resp: 80

Ion Ratio Lower Upper

117 100

201 0.0 30.7 92.1#





#91

1,2-Dichlorobenzene

Concen: 11.754 ug/l

RT: 13.01 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

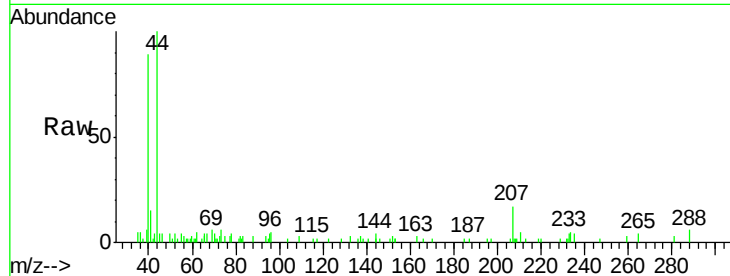
Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

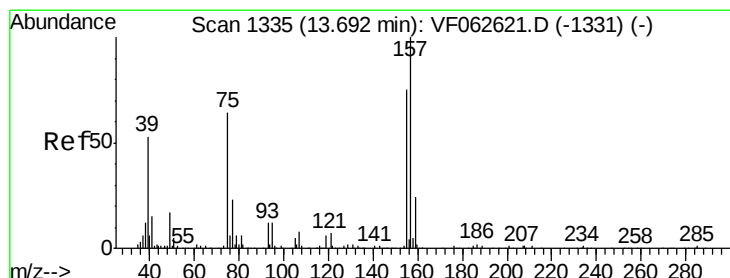
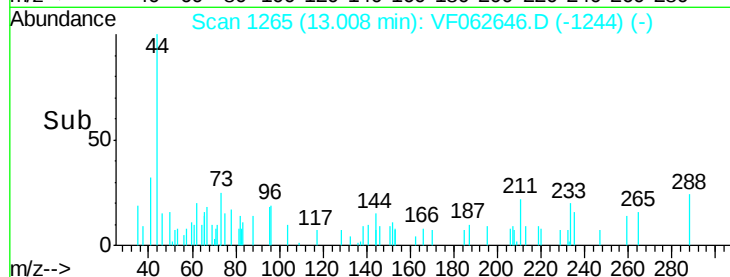
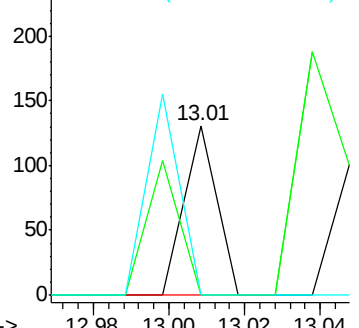
Tot Ion:	146	Resp:	77
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.3#
148	0.0	34.1	102.2#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1729.445 ug/l

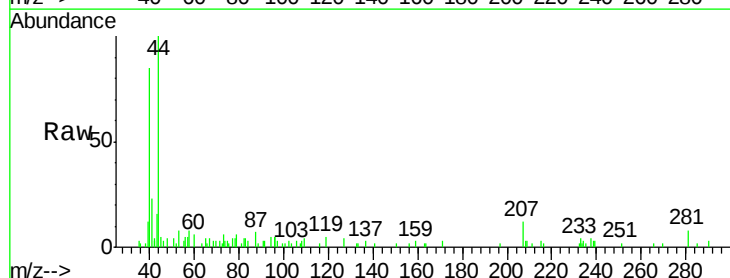
RT: 13.68 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

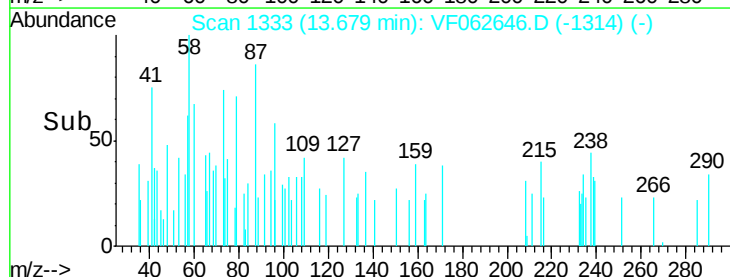
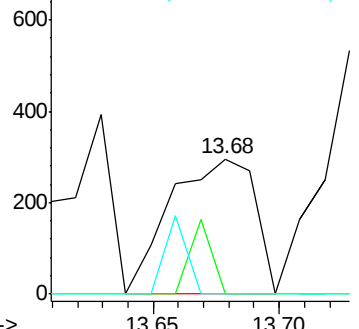
Tgt Ion:	75	Resp:	689
Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.1	174.3#
157	0.0	77.8	233.4#

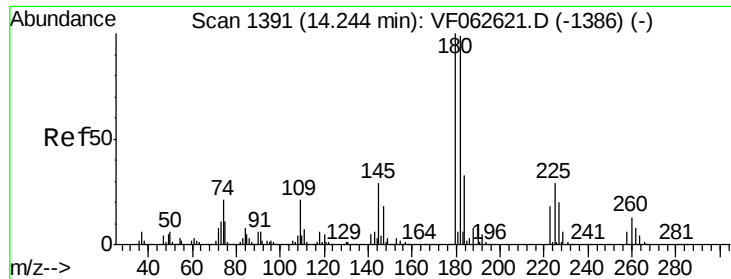


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#93

1,2,4-Trichlorobenzene

Concen: 30.284 ug/l

RT: 14.23 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampleId :

SB-07-2.5-3.5

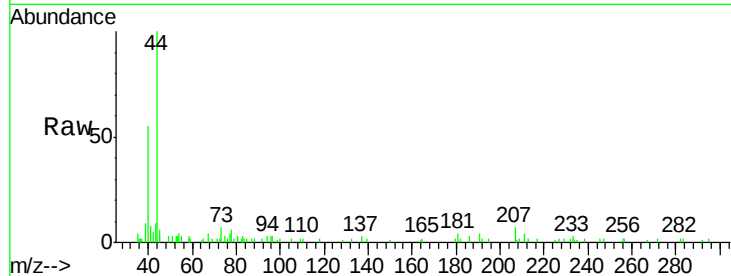
Tot Ion:180 Resp: 142

Ion Ratio Lower Upper

180 100

182 106.5 49.7 149.1

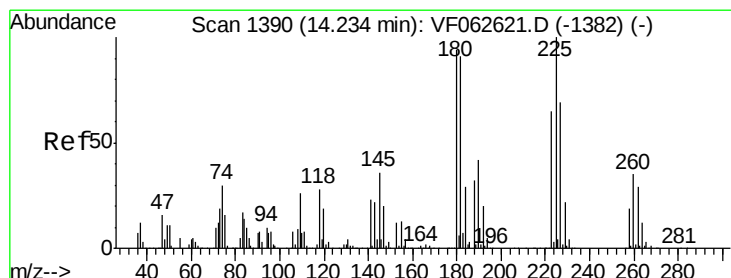
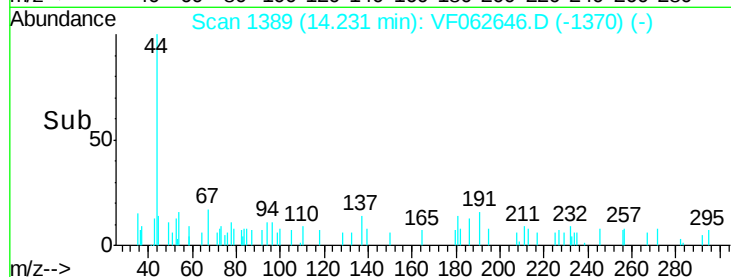
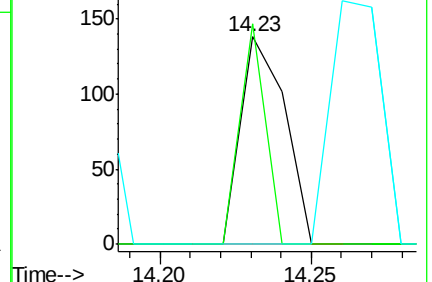
145 0.0 14.6 44.0#



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: 41.867 ug/l

RT: 14.24 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

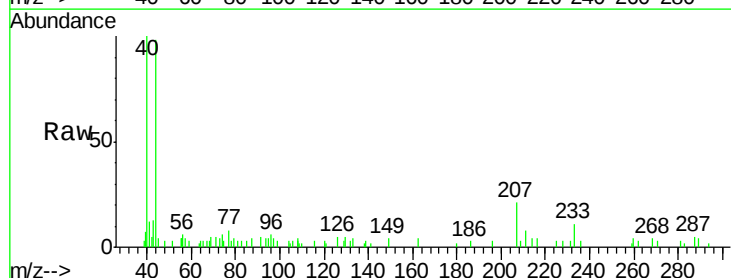
Tgt Ion:225 Resp: 137

Ion Ratio Lower Upper

225 100

223 0.0 32.5 97.4#

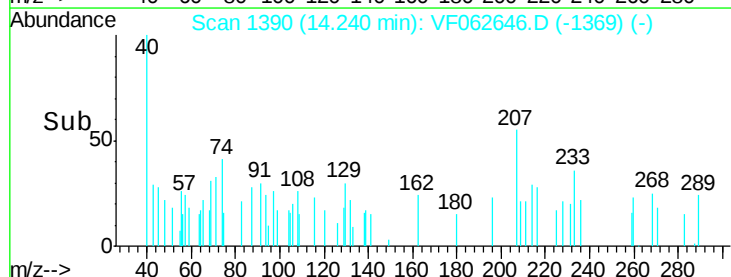
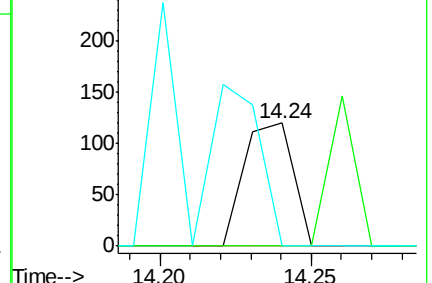
227 0.0 34.5 103.5#

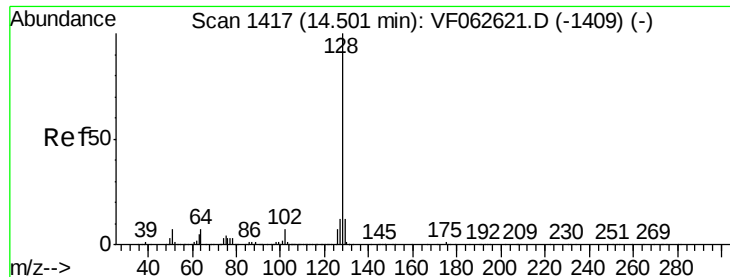


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 10.448 ug/l

RT: 14.48 min Scan# 1414

Delta R.T. -0.02 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

Instrument :

MSVOA_F

ClientSampled :

SB-07-2.5-3.5

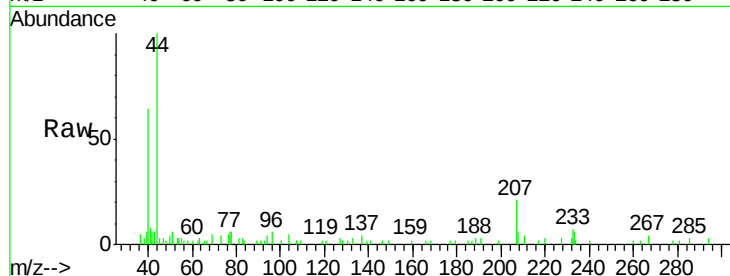
Tot Ion:128 Resp: 89

Ion Ratio Lower Upper

128 100

127 112.7 9.7 14.5#

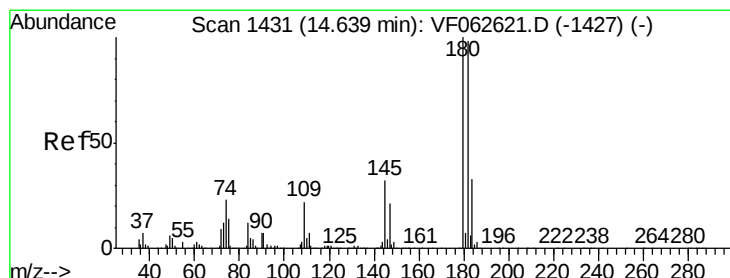
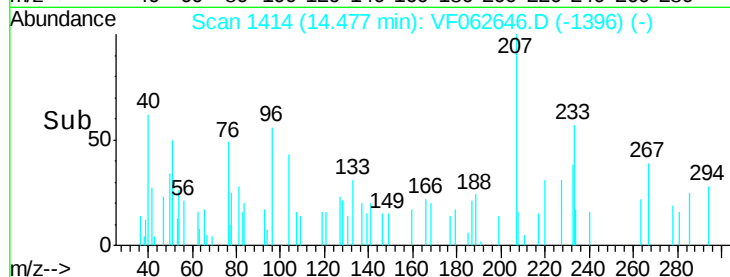
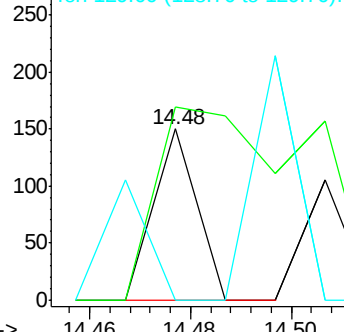
129 0.0 9.3 13.9#



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: 20.939 ug/l

RT: 14.61 min Scan# 1427

Delta R.T. -0.03 min

Lab File: VF062646.D

Acq: 17 May 2019 18:51

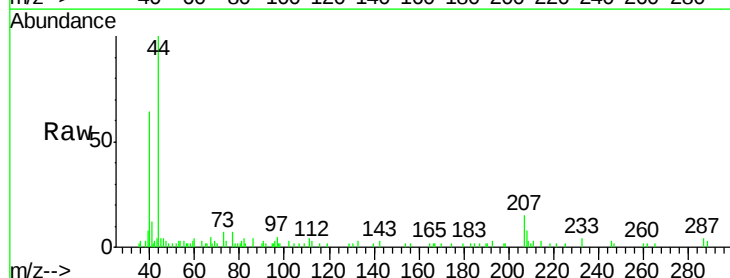
Tgt Ion:180 Resp: 93

Ion Ratio Lower Upper

180 100

182 0.0 48.9 146.7#

145 0.0 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

