

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062778.D
 Acq On : 29 May 2019 13:09
 Operator : FY/SY
 Sample : K3065-09RE
 Misc : 4.99g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-13-1.5-2.0RE

Quant Time: May 30 08:38:05 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	4.95	168	155	50.00	ug/l	-0.12
34) 1,4-Difluorobenzene	5.71	114	222	50.00	ug/l	-0.08
63) Chlorobenzene-d5	9.79	117	87	50.00	ug/l	-0.13
72) 1,4-Dichlorobenzene-d4	12.47	152	100	50.00	ug/l	-0.15

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.91	65	80	73.04	ug/l	-0.13
Spiked Amount	50.000		Recovery	=	146.08%	
35) Dibromofluoromethane	4.25	113	109	64.16	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	128.32%	
50) Toluene-d8	7.61	98	190	46.84	ug/l	-0.11
Spiked Amount	50.000		Recovery	=	93.68%	
62) 4-Bromofluorobenzene	11.34	95	170	110.51	ug/l	-0.17
Spiked Amount	50.000		Recovery	=	221.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	217	102.877	ug/l #	41
3) Chloromethane	1.10	50	621	319.736	ug/l #	84
4) Vinyl Chloride	1.19	62	158	88.377	ug/l	90
5) Bromomethane	1.37	94	752	768.884	ug/l #	44
6) Chloroethane	1.39	64	187	284.801	ug/l #	1
7) Trichlorofluoromethane	1.52	101	63	26.245	ug/l #	1
8) Diethyl Ether	1.67	74	154	323.832	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	1.87	101	133	87.012	ug/l #	26
10) Methyl Iodide	1.93	142	74	24.645	ug/l #	1
11) Tert butyl alcohol	2.66	59	286	3955.027	ug/l #	70
12) 1,1-Dichloroethene	1.85	96	1186	851.763	ug/l #	1
13) Acrolein	1.99	56	689	9127.699	ug/l	95
14) Allyl chloride	2.14	41	406	322.169	ug/l #	61
15) Acrylonitrile	3.01	53	309	1514.836	ug/l #	14
16) Acetone	2.33	43	816	2871.645	ug/l #	53
17) Carbon Disulfide	1.88	76	461	111.702	ug/l #	6
18) Methyl Acetate	2.54	43	1298	2906.825	ug/l	100
19) Methyl tert-butyl Ether	2.49	73	408	163.912	ug/l #	1
20) Methylene Chloride	2.28	84	449	315.237	ug/l #	7
21) trans-1,2-Dichloroethene	2.38	96	1147	842.783	ug/l #	11
22) Diisopropyl ether	2.86	45	1291	415.361	ug/l #	65
23) Vinyl Acetate	3.24	43	1377	656.754	ug/l #	73
24) 1,1-Dichloroethane	2.95	63	361	158.324	ug/l #	86
25) 2-Butanone	4.44	43	351	578.157	ug/l #	50
26) 2,2-Dichloropropane	3.77	77	899	689.093	ug/l	77
27) cis-1,2-Dichloroethene	3.55	96	501	223.795	ug/l	1
28) Bromochloromethane	3.86	49	390	304.972	ug/l #	3
29) Tetrahydrofuran	4.19	42	1535	6248.143	ug/l #	55
30) Chloroform	3.90	83	241	76.127	ug/l	94
31) Cyclohexane	3.77	56	358	116.934	ug/l #	28
32) 1,1,1-Trichloroethane	4.22	97	87	41.380	ug/l #	1
36) 1,1-Dichloropropene	4.43	75	233	102.426	ug/l #	1
37) Ethyl Acetate	4.29	43	2237	2408.457	ug/l #	9
38) Carbon Tetrachloride	4.18	117	490	286.410	ug/l #	33

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062778.D
 Acq On : 29 May 2019 13:09
 Operator : FY/SY
 Sample : K3065-09RE
 Misc : 4.99g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-13-1.5-2.0RE

Quant Time: May 30 08:38:05 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)
39) Methylcyclohexane	5.57	83	230	84.028	ug/l #	81
40) Benzene	4.81	78	570	91.977	ug/l #	1
41) Methacrylonitrile	4.89	41	1075	2207.621	ug/l #	64
42) 1,2-Dichloroethane	5.08	62	181	146.461	ug/l #	71
43) Isopropyl Acetate	6.98	43	496	412.197	ug/l #	41
44) Trichloroethene	5.56	130	256	146.978	ug/l #	1
45) 1,2-Dichloropropane	6.31	63	111	70.954	ug/l #	42
46) Dibromomethane	6.16	93	63	69.682	ug/l #	3
47) Bromodichloromethane	6.48	83	204	108.688	ug/l #	25
48) Methyl methacrylate	6.83	41	1026	1631.293	ug/l #	2
49) 1,4-Dioxane	6.80	88	584	72496.759	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	1280	1556.216	ug/l #	84
52) Toluene	7.70	92	112	34.460	ug/l #	1
53) t-1,3-Dichloropropene	8.33	75	112	72.938	ug/l #	11
54) cis-1,3-Dichloropropene	7.38	75	591	274.946	ug/l #	17
55) 1,1,2-Trichloroethane	8.51	97	218	226.538	ug/l #	36
56) Ethyl methacrylate	8.67	69	251	218.932	ug/l #	1
57) 1,3-Dichloropropane	8.86	76	258	157.403	ug/l #	88
58) 2-Chloroethyl Vinyl ether	7.36	63	520	1393.438	ug/l #	51
59) 2-Hexanone	9.42	43	770	1530.172	ug/l #	86
60) Dibromochloromethane	8.79	129	138	110.030	ug/l #	75
61) 1,2-Dibromoethane	9.00	107	80	78.269	ug/l #	3
64) Tetrachloroethene	8.28	164	62	89.955	ug/l #	45
65) Chlorobenzene	9.93	112	85	49.743	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.11	131	340	495.643	ug/l #	40
67) Ethyl Benzene	9.99	91	243	81.860	ug/l #	89
68) m/p-Xylenes	10.29	106	314	281.440	ug/l #	1
69) o-Xylene	10.73	106	116	100.942	ug/l #	61
70) Styrene	10.86	104	301	172.328	ug/l #	1
71) Bromoform	10.88	173	175	509.367	ug/l #	27
73) Isopropylbenzene	11.23	105	455	63.484	ug/l #	45
74) N-amyl acetate	11.45	43	487	293.316	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	11.78	83	193	131.767	ug/l #	64
76) 1,2,3-Trichloropropane	11.86	75	267	277.430	ug/l #	85
77) Bromobenzene	11.64	156	60	33.679	ug/l #	60
78) n-propylbenzene	11.60	91	581	68.497	ug/l #	80
79) 2-Chlorotoluene	11.81	91	776	162.336	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.91	105	147	25.579	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.96	75	316	738.671	ug/l #	86
82) 4-Chlorotoluene	12.00	91	335	71.066	ug/l #	94
83) tert-Butylbenzene	12.20	119	456	78.208	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.33	105	128	23.012	ug/l #	82
85) sec-Butylbenzene	12.36	105	243	31.055	ug/l #	1
86) p-Isopropyltoluene	12.51	119	384	58.232	ug/l #	46
87) 1,3-Dichlorobenzene	12.58	146	127	39.402	ug/l #	40
88) 1,4-Dichlorobenzene	12.58	146	127	41.988	ug/l #	38
89) n-Butylbenzene	12.91	91	202	31.069	ug/l #	25
90) Hexachloroethane	12.99	117	219	138.441	ug/l #	20
91) 1,2-Dichlorobenzene	13.00	146	60	20.883	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.66	75	485	2775.646	ug/l #	27

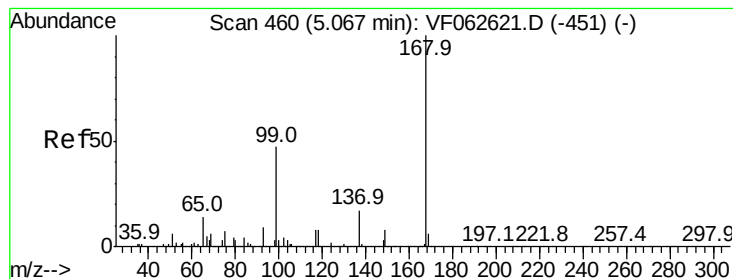
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052919\
Data File : VF062778.D
Acq On : 29 May 2019 13:09
Operator : FY/SY
Sample : K3065-09RE
Misc : 4.99g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

Quant Time: May 30 08:38:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	67	32.579	ug/l #	11
94) Hexachlorobutadiene	14.21	225	224	156.074	ug/l #	16
95) Naphthalene	14.48	128	389	104.117	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.61	180	151	77.515	ug/l #	65

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 448

Delta R.T. -0.12 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

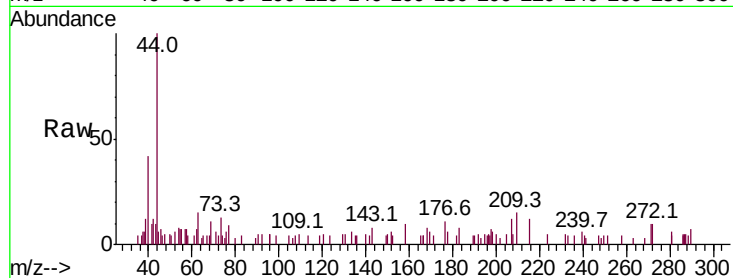
B-13-1.5-2.0RE

Tot Ion:168 Resp: 155

Ion Ratio Lower Upper

168 100

99 48.5 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.95

250

200

150

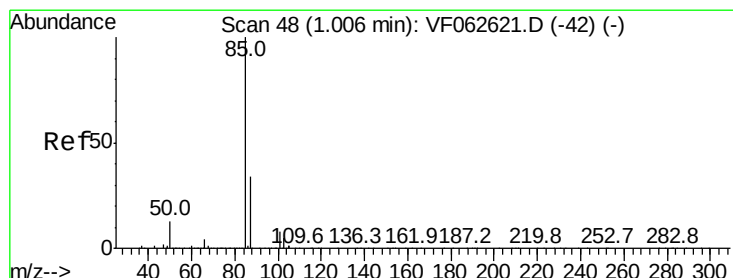
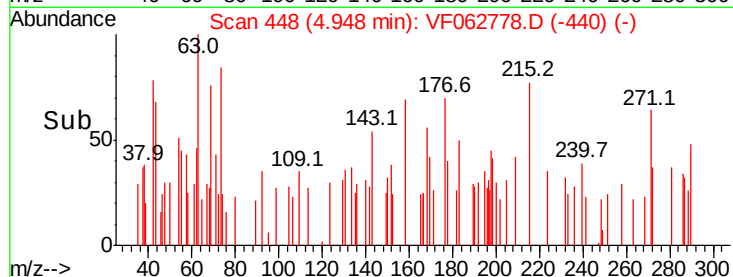
100

50

0

4.92 4.94 4.96 4.98

Time-->



#2

Dichlorodifluoromethane

Concen: 102.877 ug/l

RT: 1.00 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062778.D

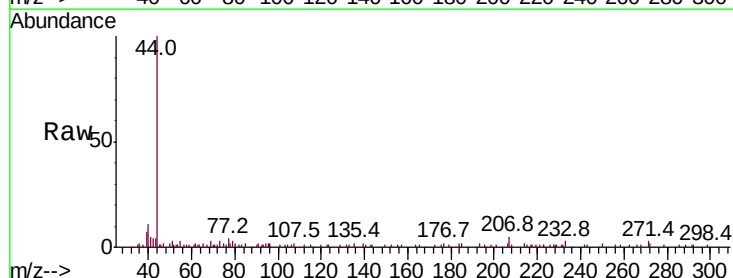
Acq: 29 May 2019 13:09

Tgt Ion: 85 Resp: 217

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

1.00

250

200

150

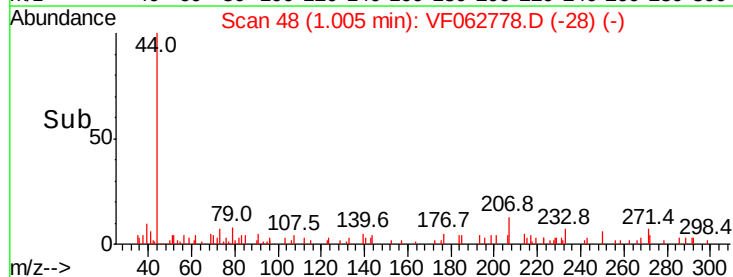
100

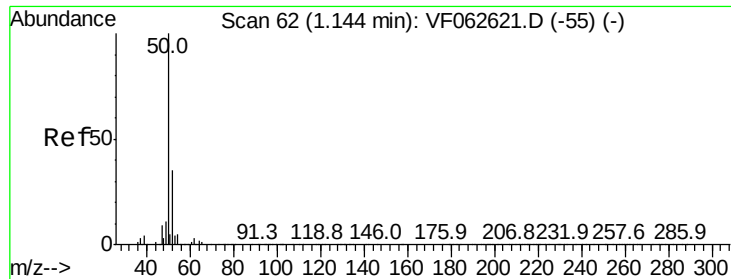
50

0

0.96 0.98 1.00 1.02

Time-->





#3

Chloromethane

Concen: 319.736 ug/l

RT: 1.10 min Scan# 58

Delta R.T. -0.04 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

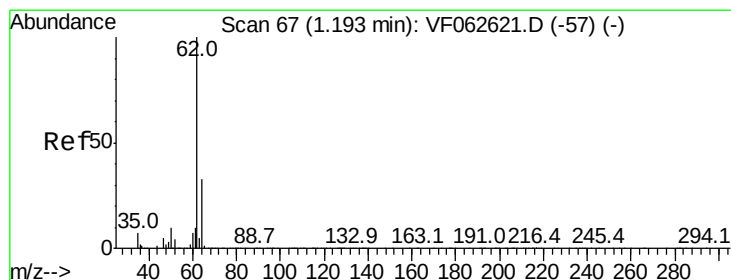
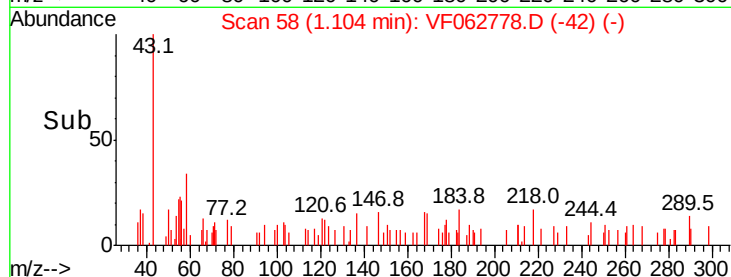
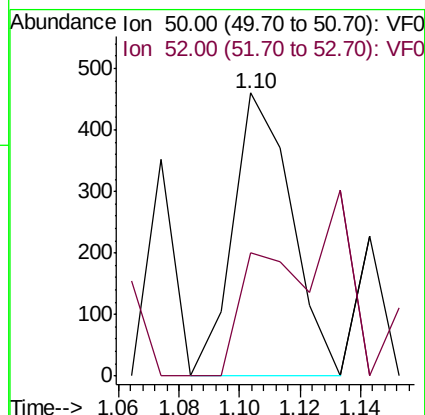
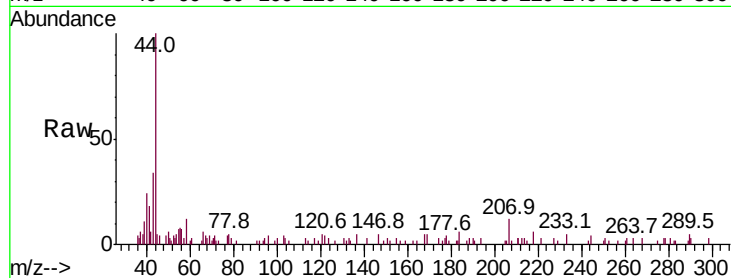
B-13-1.5-2.0RE

Tot Ion: 50 Resp: 621

Ion Ratio Lower Upper

50 100

52 43.7 27.5 41.3#



#4

Vinyl Chloride

Concen: 88.377 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062778.D

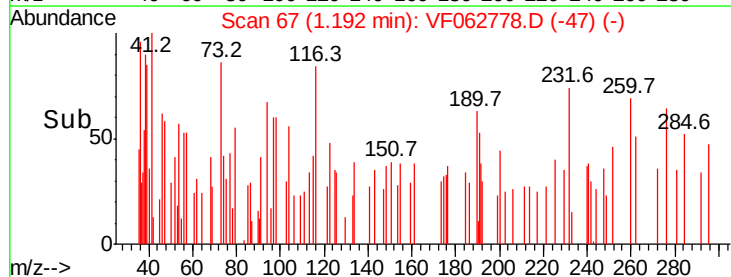
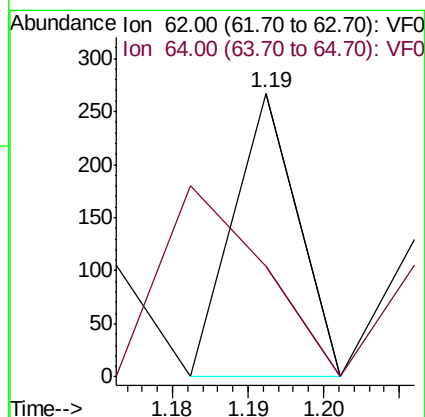
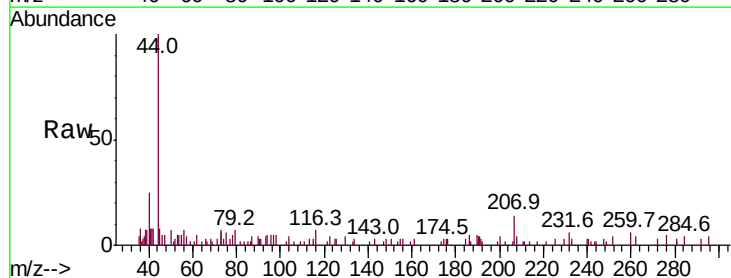
Acq: 29 May 2019 13:09

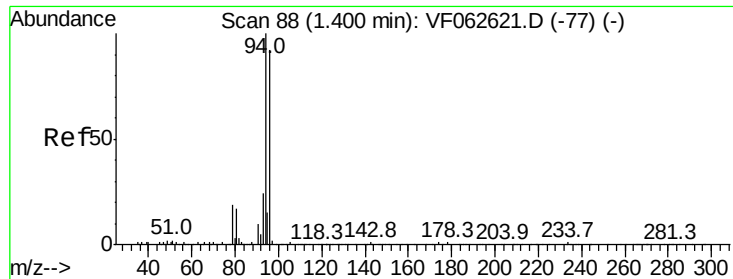
Tgt Ion: 62 Resp: 158

Ion Ratio Lower Upper

62 100

64 39.0 26.7 40.1





#5

Bromomethane

Concen: 768.884 ug/l

RT: 1.37 min Scan# 85

Delta R.T. -0.03 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

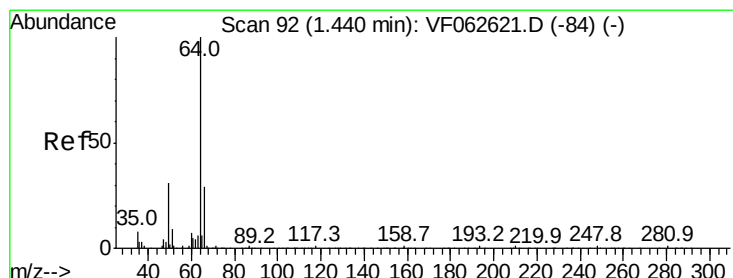
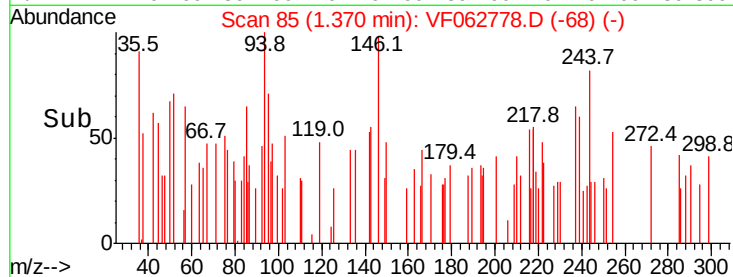
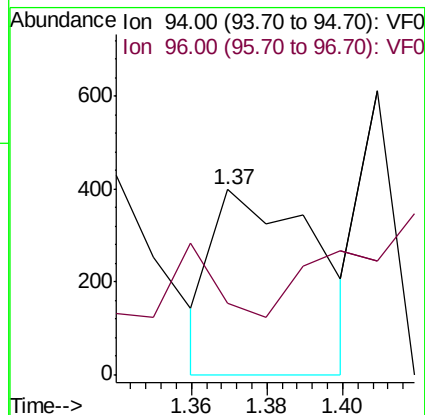
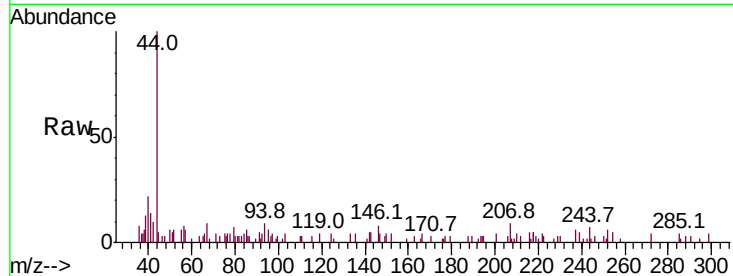
B-13-1.5-2.0RE

Tot Ion: 94 Resp: 752

Ion Ratio Lower Upper

94 100

96 38.7 73.2 109.8#



#6

Chloroethane

Concen: 284.801 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.05 min

Lab File: VF062778.D

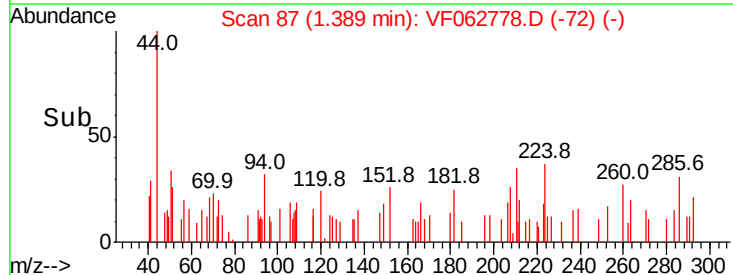
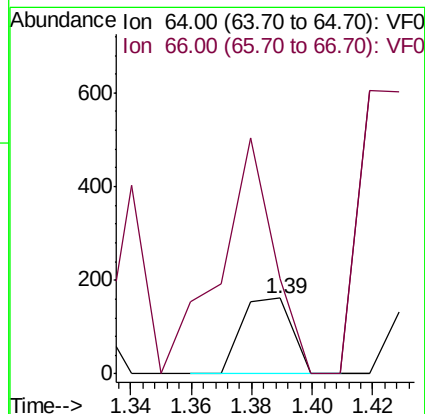
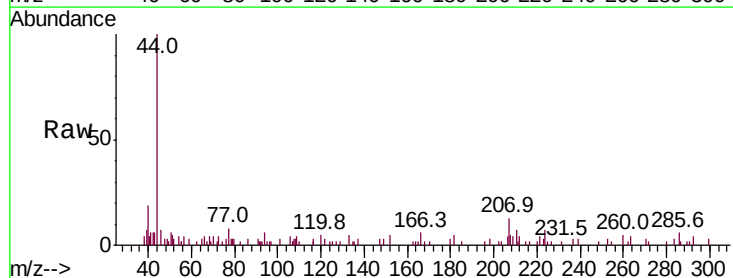
Acq: 29 May 2019 13:09

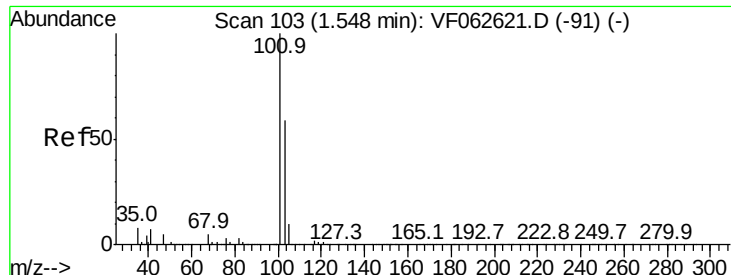
Tgt Ion: 64 Resp: 187

Ion Ratio Lower Upper

64 100

66 124.7 23.4 35.2#



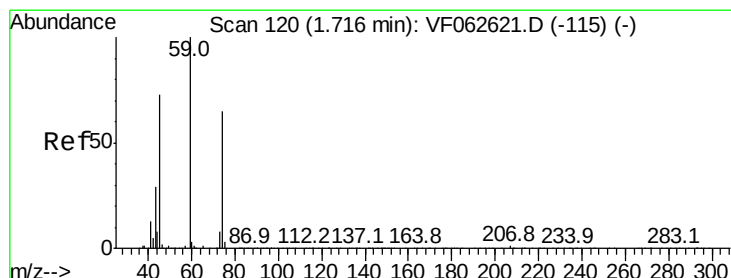
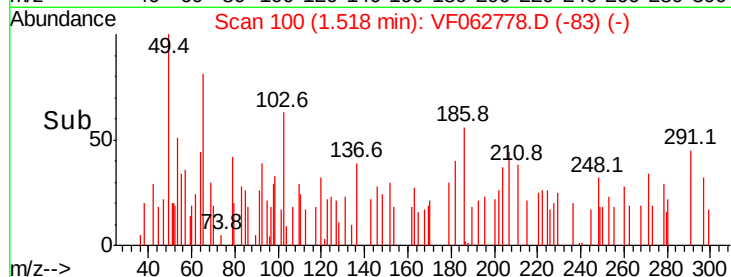
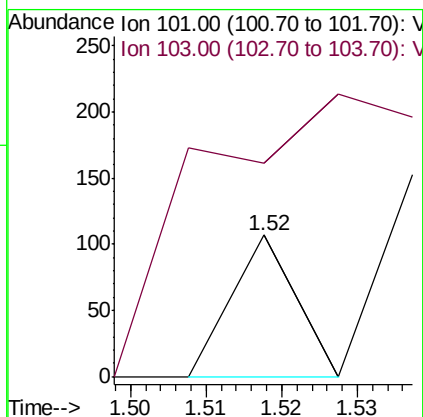
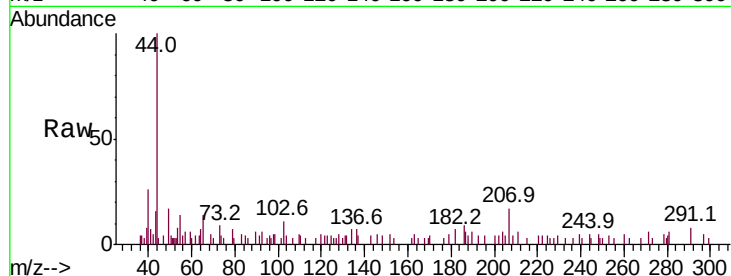


#7

Trichlorofluoromethane
Concen: 26.245 ug/l
RT: 1.52 min Scan# 100
Delta R.T. -0.03 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

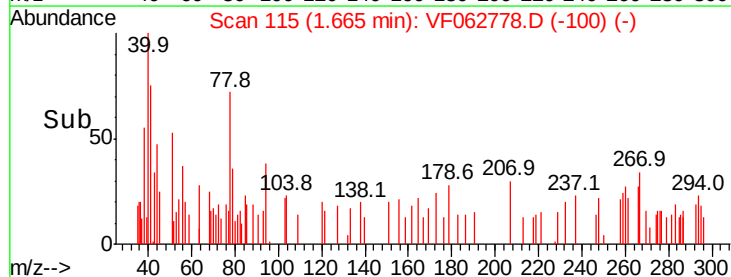
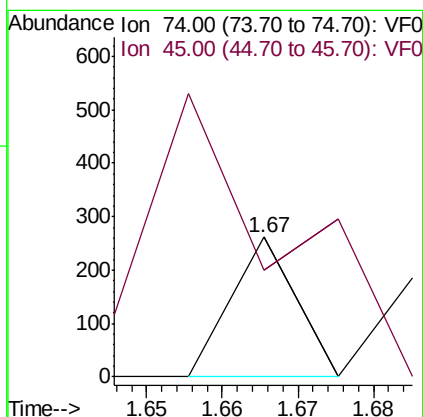
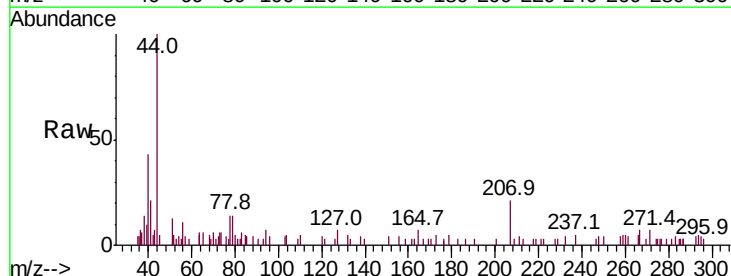
Tot Ion:101 Resp: 63
Ion Ratio Lower Upper
101 100
103 150.5 47.3 70.9#

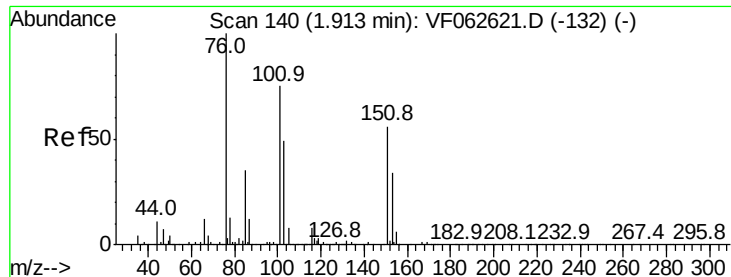


#8

Diethyl Ether
Concen: 323.832 ug/l
RT: 1.67 min Scan# 115
Delta R.T. -0.05 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 74 Resp: 154
Ion Ratio Lower Upper
74 100
45 76.6 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 87.012 ug/l

RT: 1.87 min Scan# 136

Delta R.T. -0.04 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

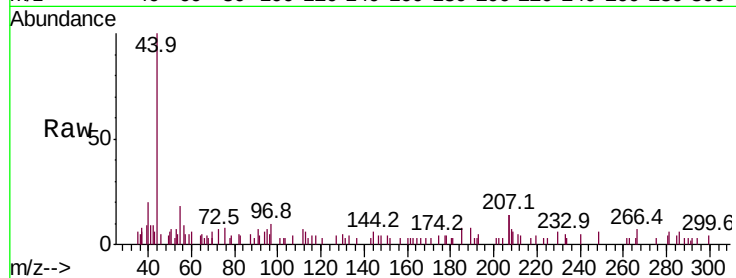
Tot Ion:101 Resp: 133

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

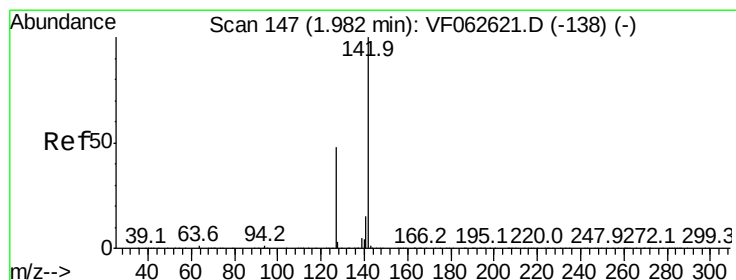
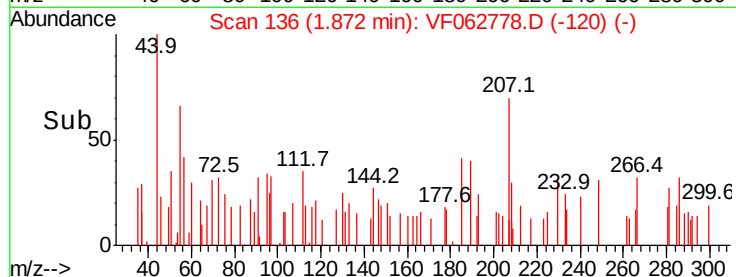
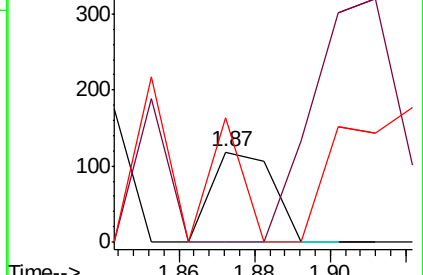
151 138.1 58.8 88.2#



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



#10

Methyl Iodide

Concen: 24.645 ug/l

RT: 1.93 min Scan# 142

Delta R.T. -0.05 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

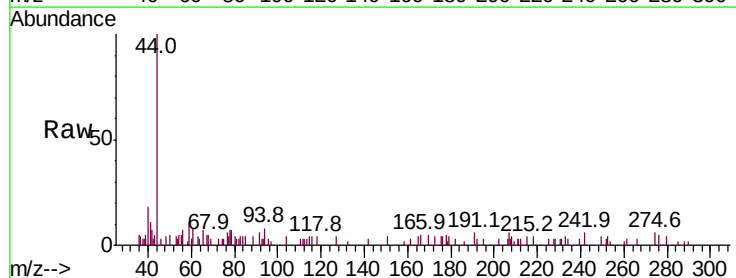
Tgt Ion:142 Resp: 74

Ion Ratio Lower Upper

142 100

127 147.2 38.1 57.1#

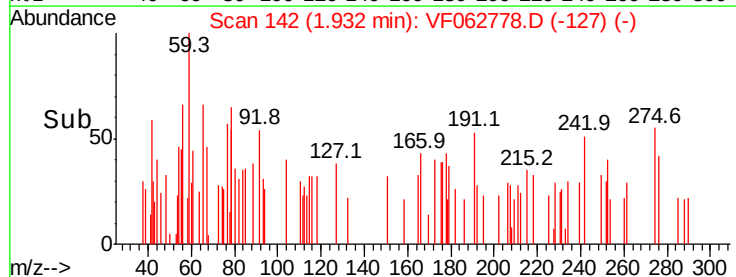
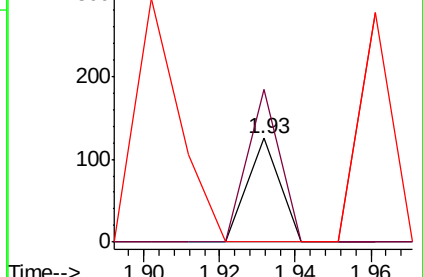
141 0.0 11.7 17.5#

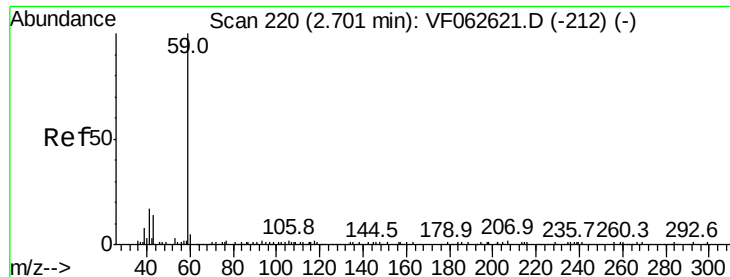


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



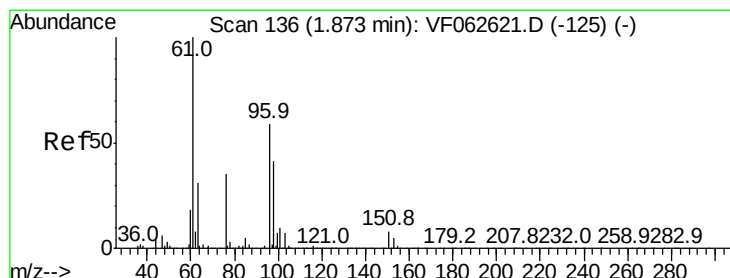
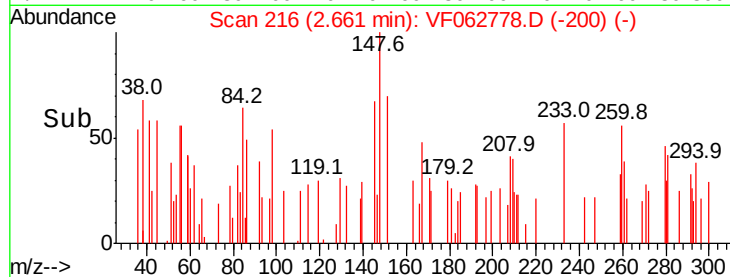
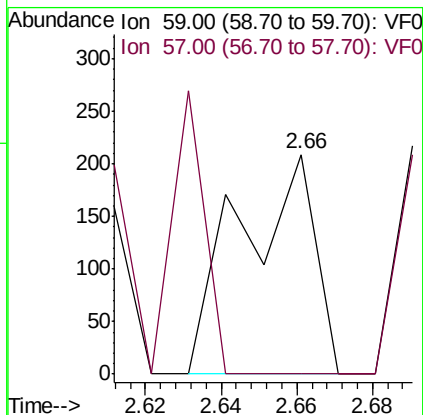
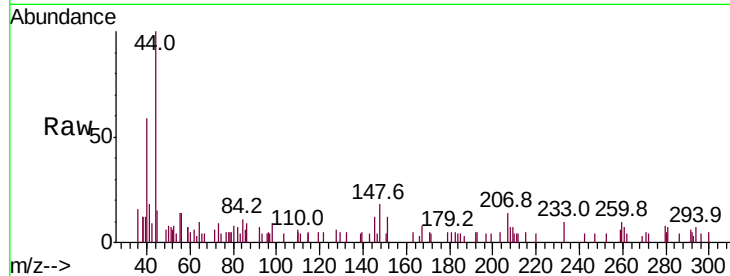


#11

Tert butyl alcohol
 Concen: 3955.027 ug/l
 RT: 2.66 min Scan# 216
 Delta R.T. -0.04 min
 Lab File: VF062778.D
 Acq: 29 May 2019 13:09

Instrument :
 MSVOA_F
 ClientSampleId :
 B-13-1.5-2.0RE

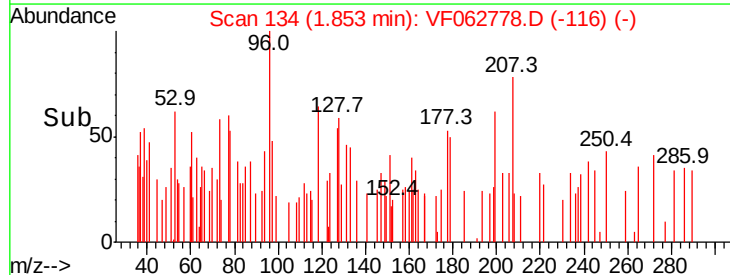
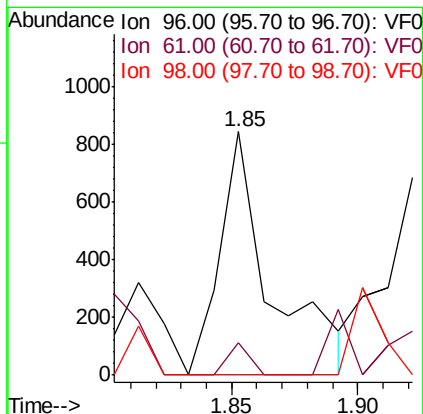
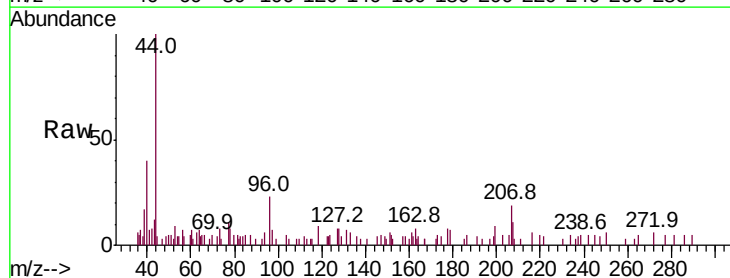
Tot Ion: 59 Resp: 286
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

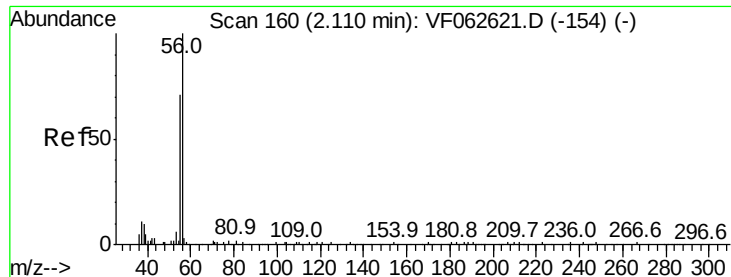


#12

1,1-Dichloroethene
 Concen: 851.763 ug/l
 RT: 1.85 min Scan# 134
 Delta R.T. -0.02 min
 Lab File: VF062778.D
 Acq: 29 May 2019 13:09

Tgt Ion: 96 Resp: 1186
 Ion Ratio Lower Upper
 96 100
 61 13.2 134.3 201.5#
 98 0.0 55.0 82.6#





#13

Acrolein

Concen: 9127.699 ug/l

RT: 1.99 min Scan# 148

Delta R.T. -0.12 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

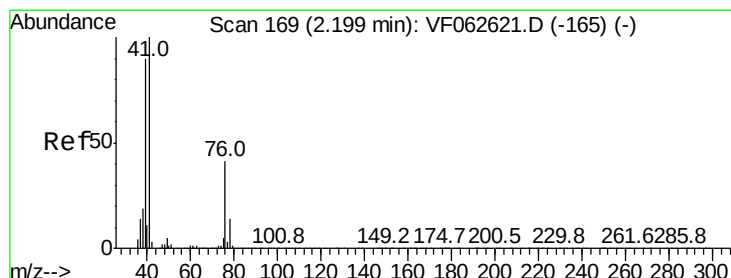
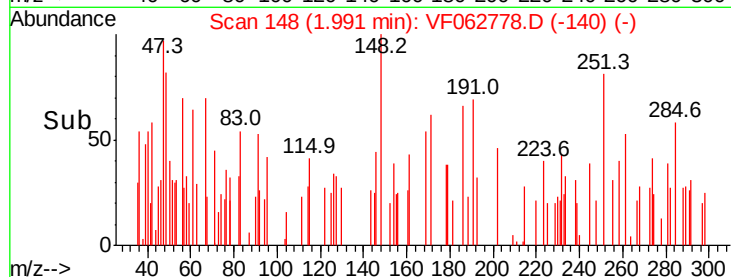
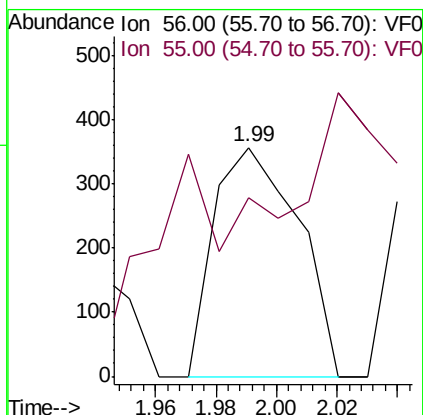
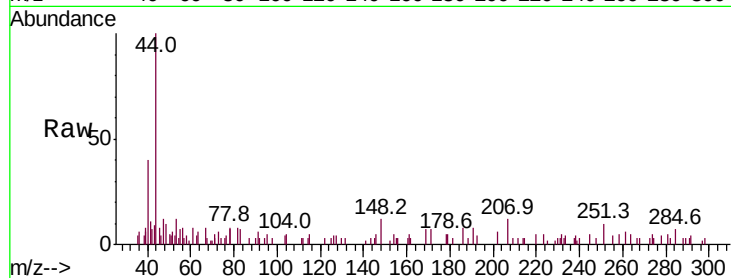
B-13-1.5-2.0RE

Tot Ion: 56 Resp: 689

Ion Ratio Lower Upper

56 100

55 78.1 59.4 89.0



#14

Allyl chloride

Concen: 322.169 ug/l

RT: 2.14 min Scan# 163

Delta R.T. -0.06 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

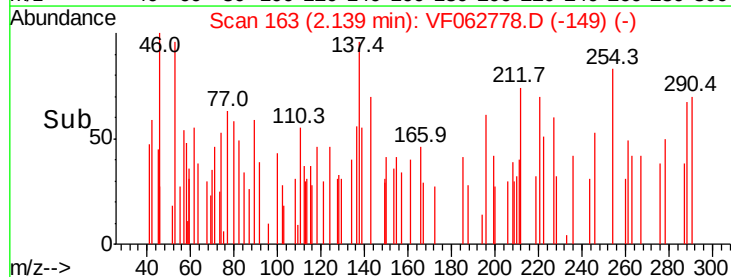
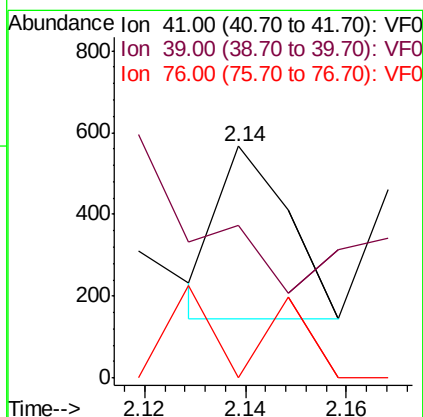
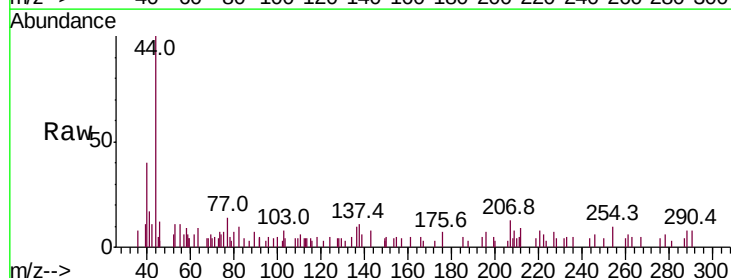
Tgt Ion: 41 Resp: 406

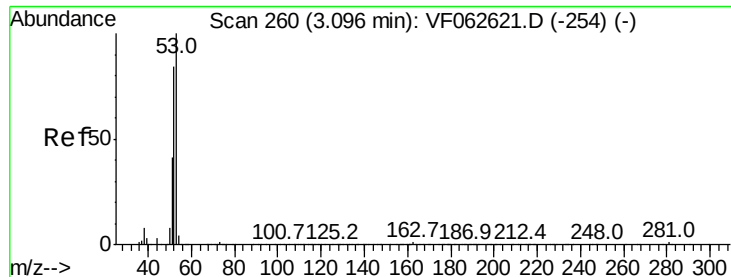
Ion Ratio Lower Upper

41 100

39 65.6 72.0 108.0#

76 0.0 34.8 52.2#





#15

Acrylonitrile

Concen: 1514.836 ug/l

RT: 3.01 min Scan# 251

Delta R.T. -0.09 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

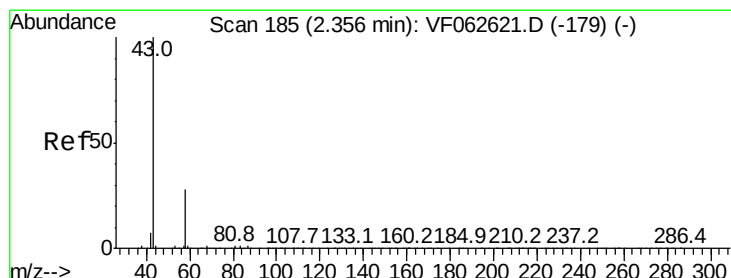
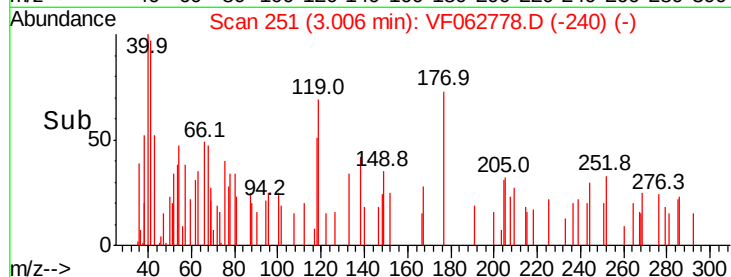
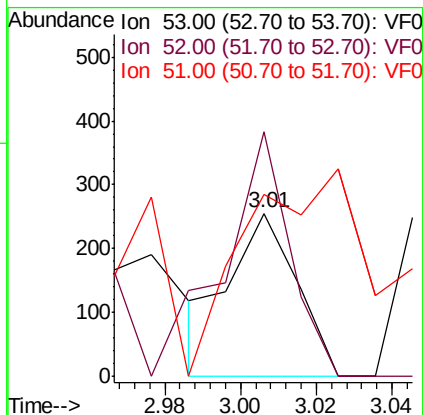
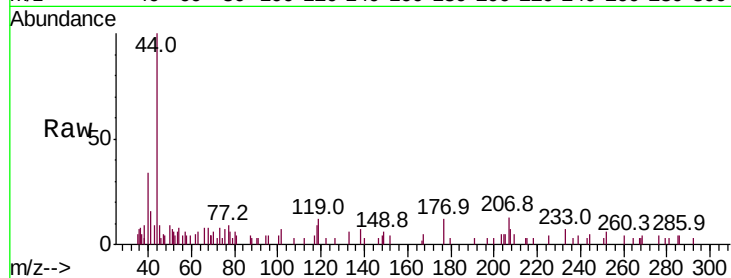
Tot Ion: 53 Resp: 309

Ion Ratio Lower Upper

53 100

52 150.2 67.3 100.9#

51 111.4 33.0 49.6#



#16

Acetone

Concen: 2871.645 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.03 min

Lab File: VF062778.D

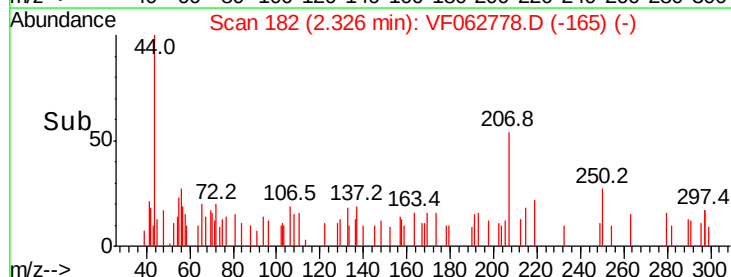
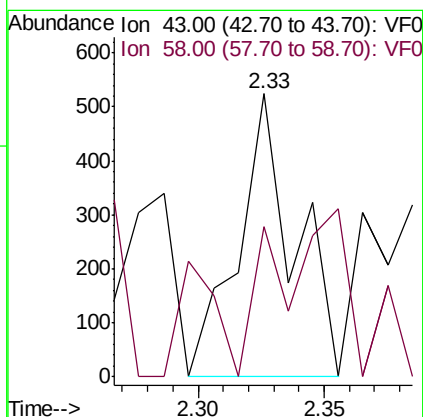
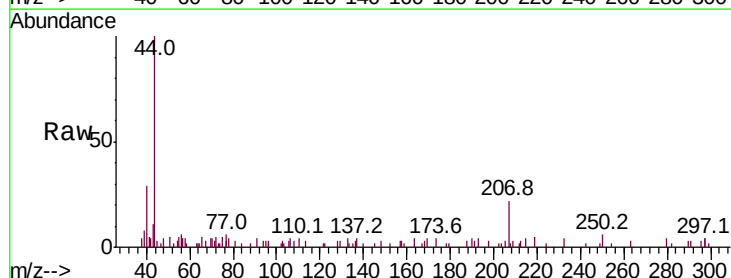
Acq: 29 May 2019 13:09

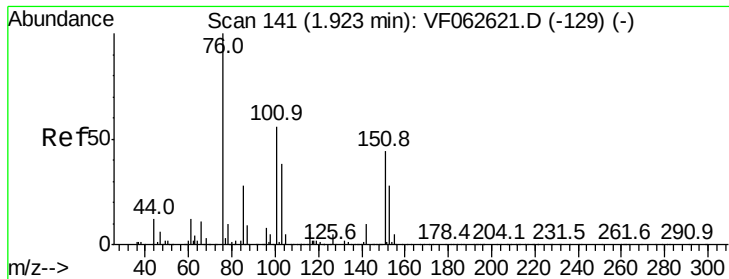
Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

58 53.1 22.6 33.8#





#17

Carbon Disulfide

Concen: 111.702 ug/l

RT: 1.88 min Scan# 137

Delta R.T. -0.04 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

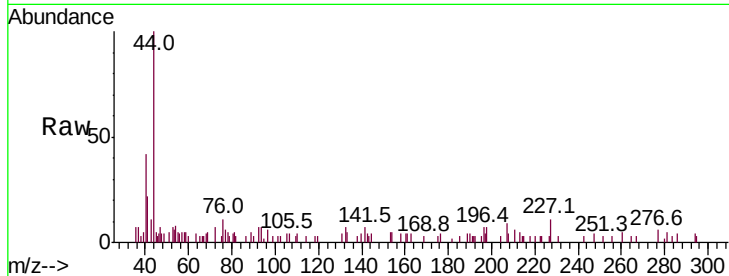
B-13-1.5-2.0RE

Tot Ion: 76 Resp: 461

Ion Ratio Lower Upper

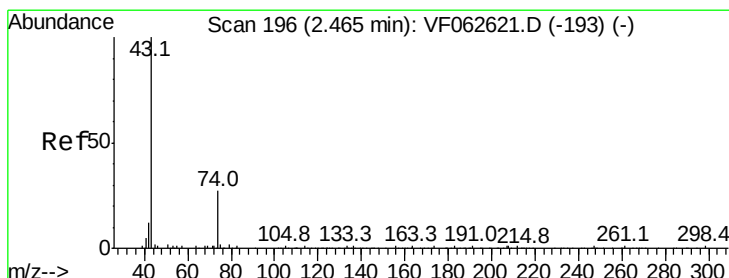
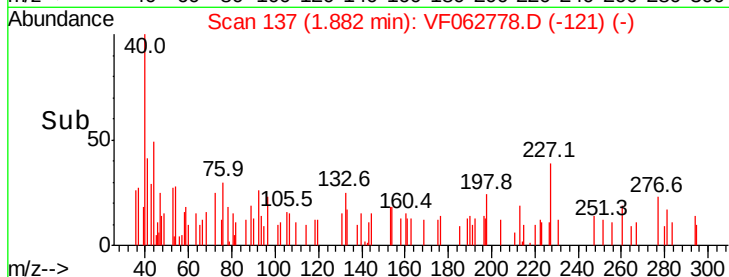
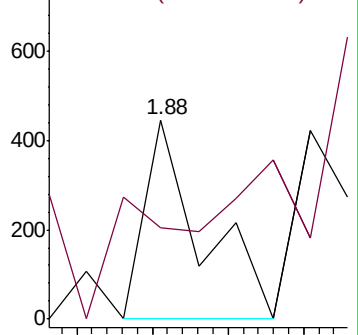
76 100

78 45.7 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: 2906.825 ug/l

RT: 2.54 min Scan# 204

Delta R.T. 0.08 min

Lab File: VF062778.D

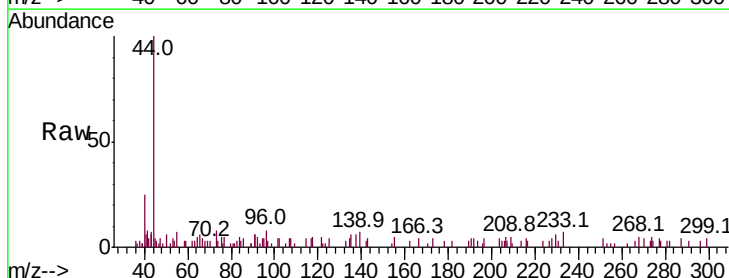
Acq: 29 May 2019 13:09

Tgt Ion: 43 Resp: 1298

Ion Ratio Lower Upper

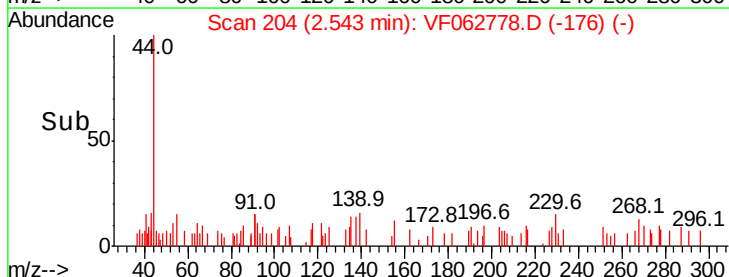
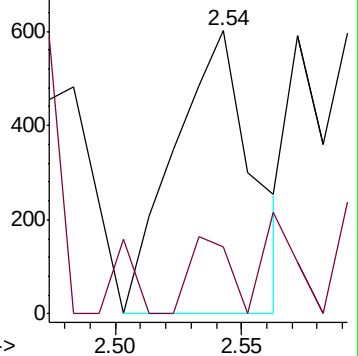
43 100

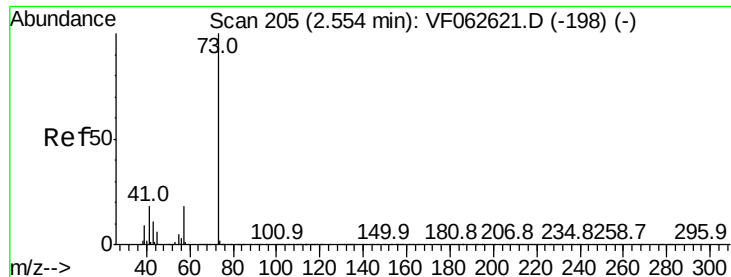
74 23.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

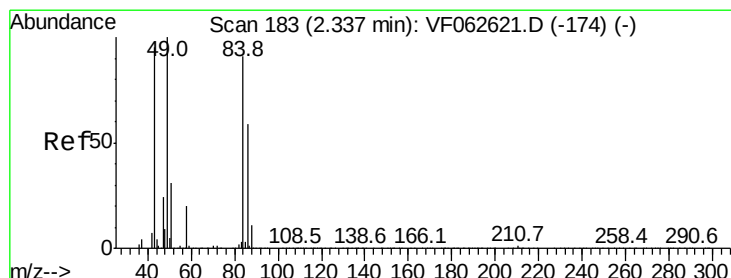
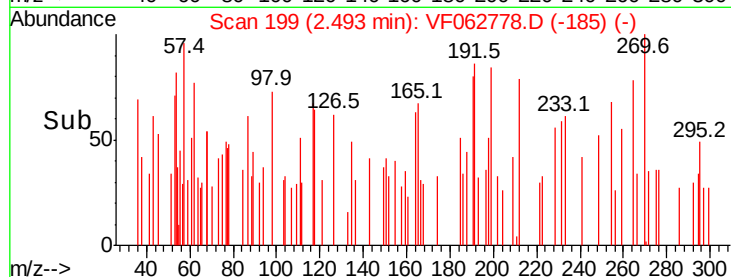
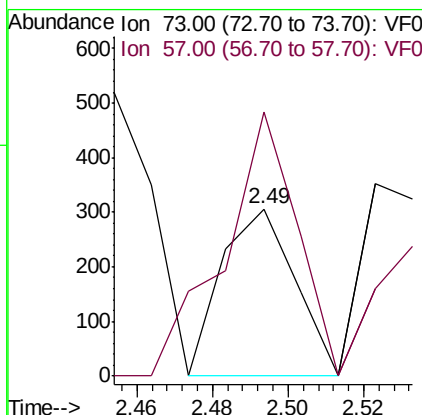
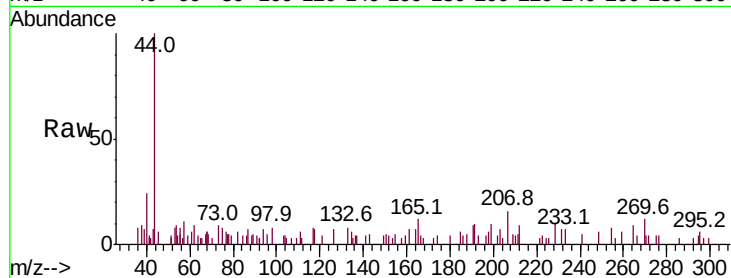




#19
Methyl tert-butyl Ether
Concen: 163.912 ug/l
RT: 2.49 min Scan# 199
Delta R.T. -0.06 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

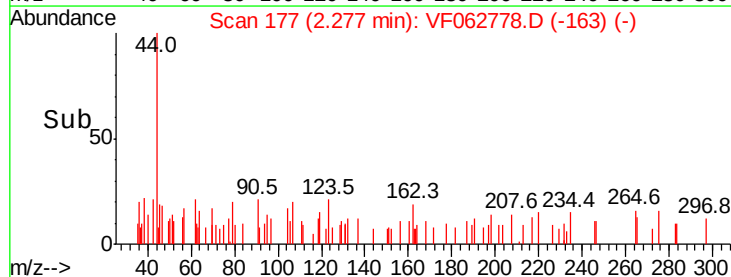
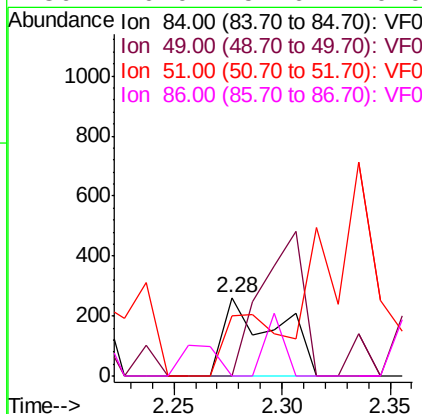
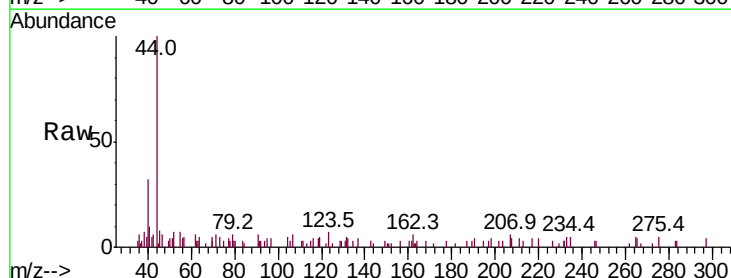
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

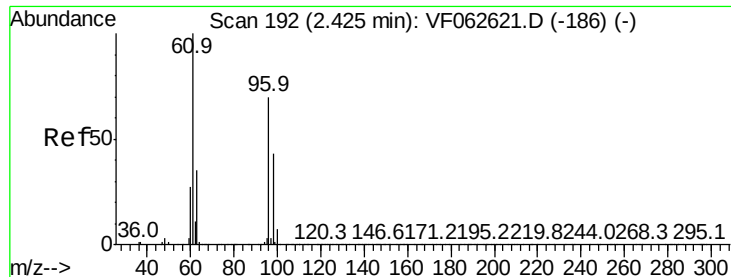
Tot Ion: 73 Resp: 408
Ion Ratio Lower Upper
73 100
57 157.8 14.2 21.4#



#20
Methylene Chloride
Concen: 315.237 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.06 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 84 Resp: 449
Ion Ratio Lower Upper
84 100
49 0.0 89.8 134.8#
51 77.4 28.4 42.6#
86 0.0 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 842.783 ug/l

RT: 2.38 min Scan# 187

Delta R.T. -0.05 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

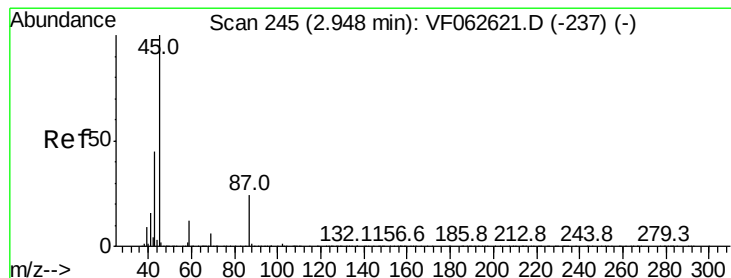
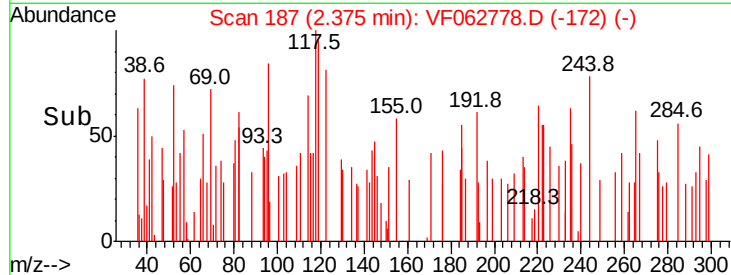
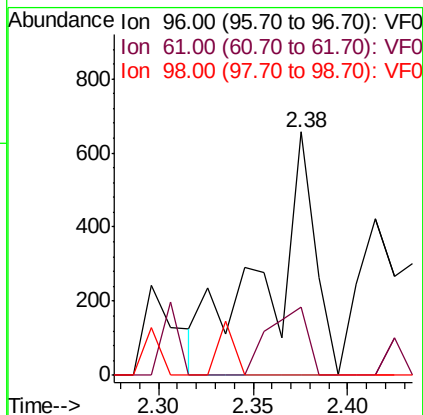
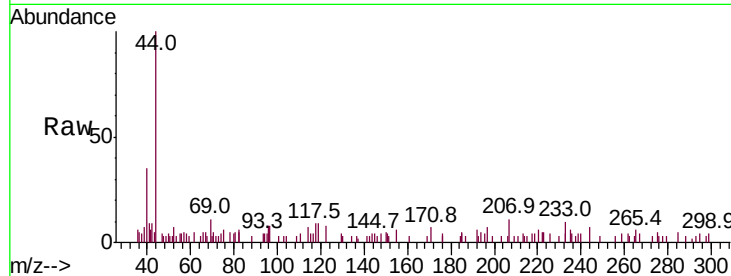
Tot Ion: 96 Resp: 1147

Ion Ratio Lower Upper

96 100

61 28.2 114.6 171.8#

98 0.0 49.5 74.3#



#22

Diisopropyl ether

Concen: 415.361 ug/l

RT: 2.86 min Scan# 236

Delta R.T. -0.09 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Tgt Ion: 45 Resp: 1291

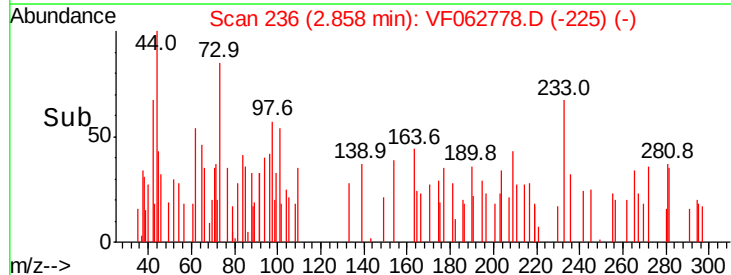
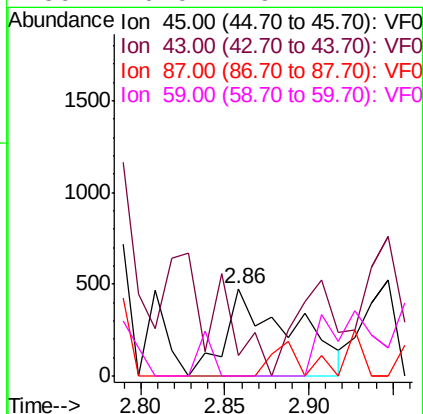
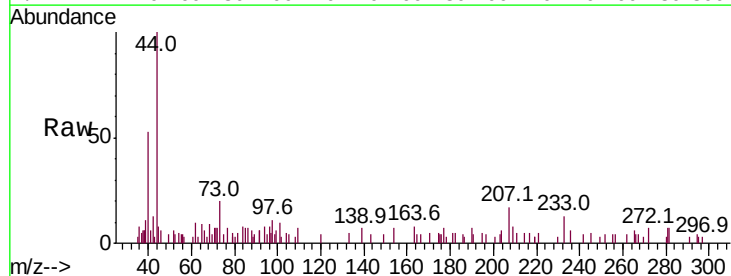
Ion Ratio Lower Upper

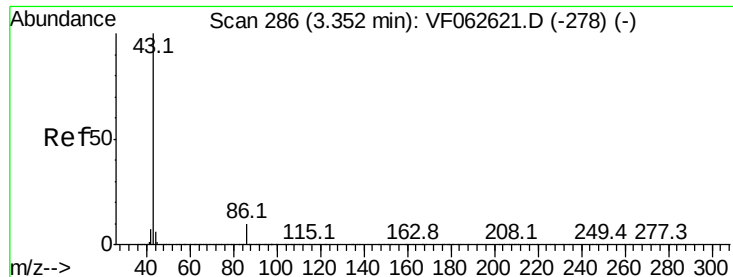
45 100

43 23.9 36.4 54.6#

87 44.5 19.3 28.9#

59 0.0 9.4 14.2#





#23

Vinyl Acetate

Concen: 656.754 ug/l

RT: 3.24 min Scan# 275

Delta R.T. -0.11 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

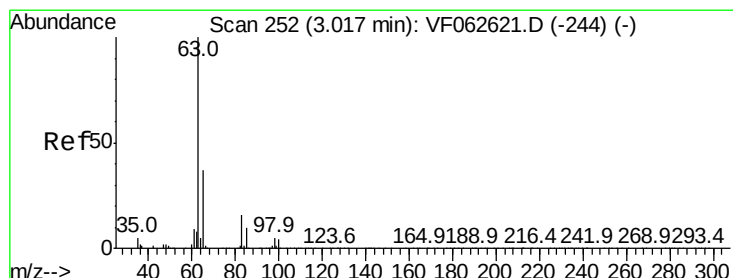
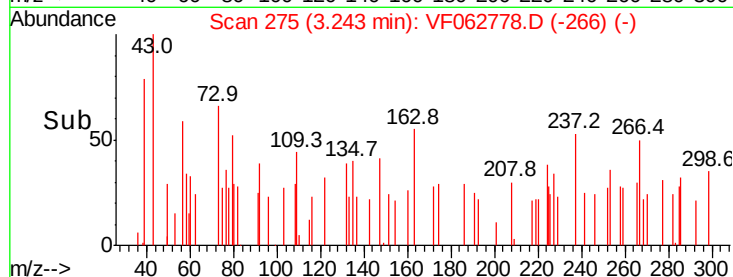
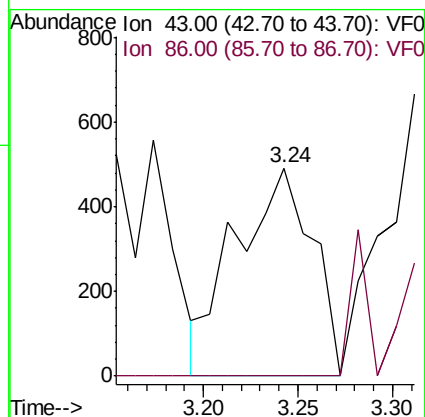
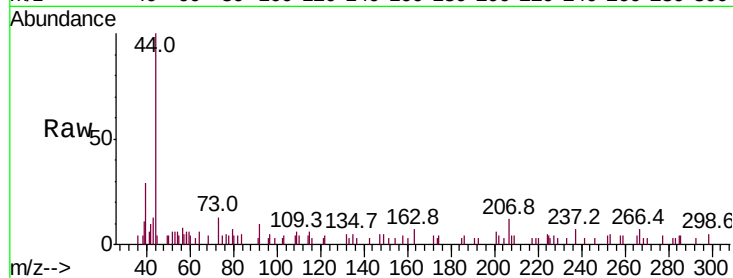
B-13-1.5-2.0RE

Tot Ion: 43 Resp: 1377

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 158.324 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.07 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

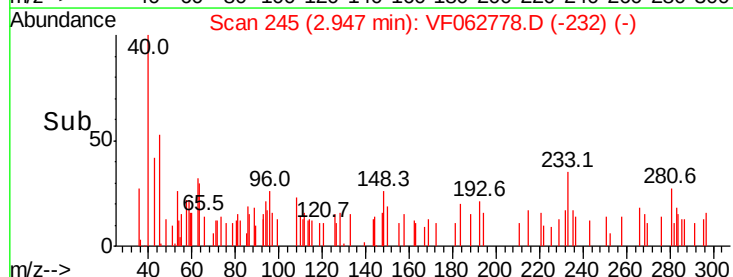
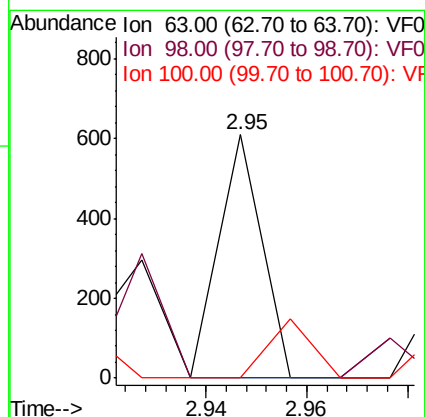
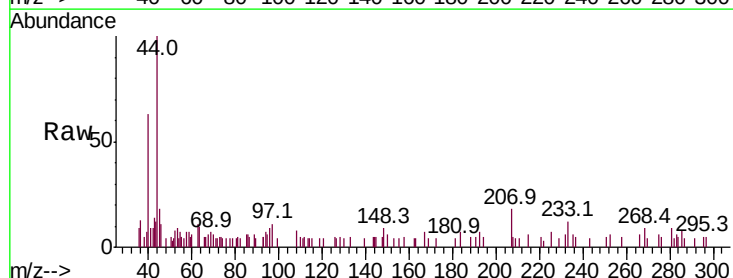
Tgt Ion: 63 Resp: 361

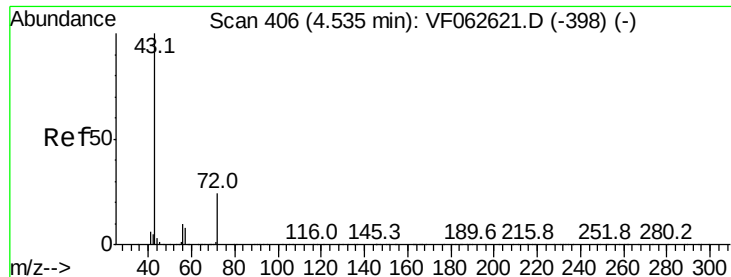
Ion Ratio Lower Upper

63 100

98 0.0 2.8 8.3#

100 0.0 1.9 5.7#





#25

2-Butanone

Concen: 578.157 ug/l

RT: 4.44 min Scan# 396

Delta R.T. -0.10 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

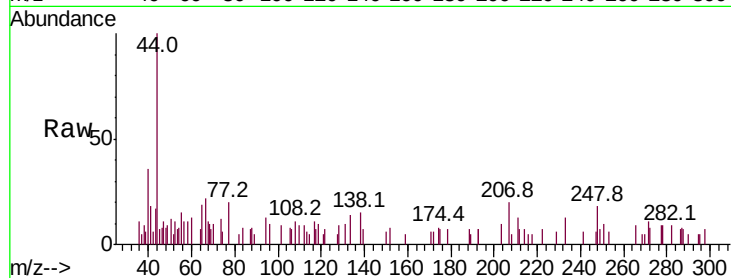
B-13-1.5-2.0RE

Tot Ion: 43 Resp: 351

Ion Ratio Lower Upper

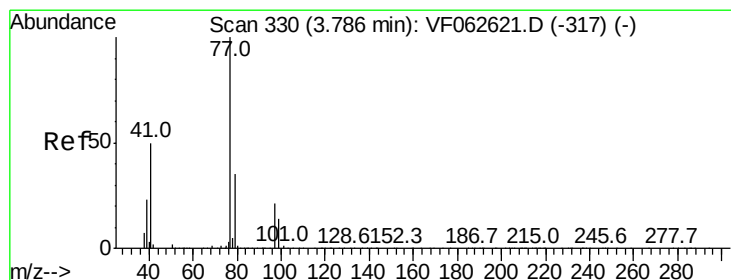
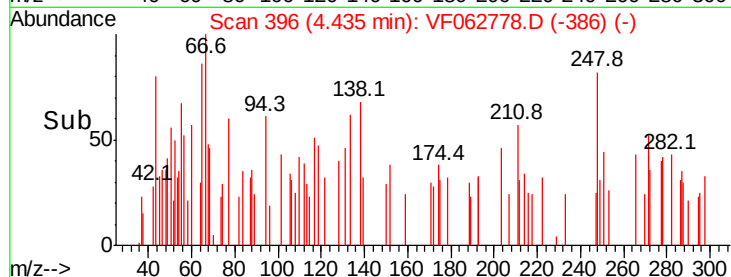
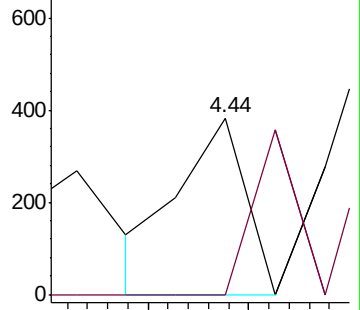
43 100

72 0.0 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: 689.093 ug/l

RT: 3.77 min Scan# 328

Delta R.T. -0.02 min

Lab File: VF062778.D

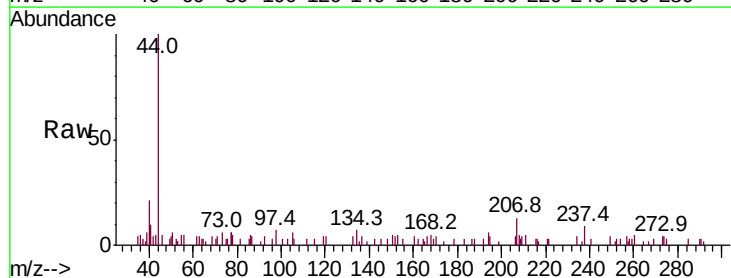
Acq: 29 May 2019 13:09

Tgt Ion: 77 Resp: 899

Ion Ratio Lower Upper

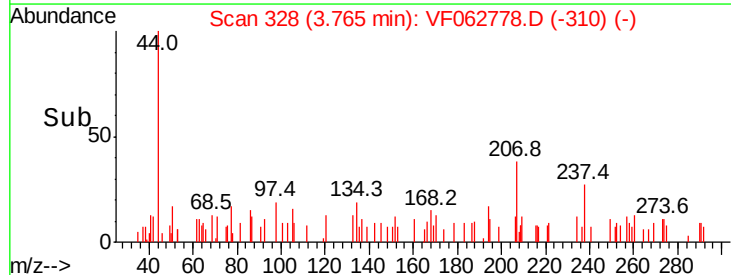
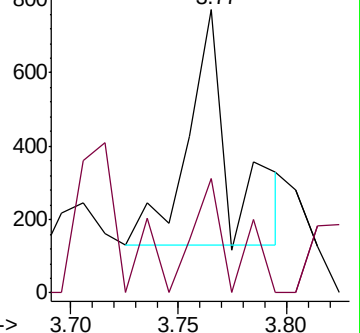
77 100

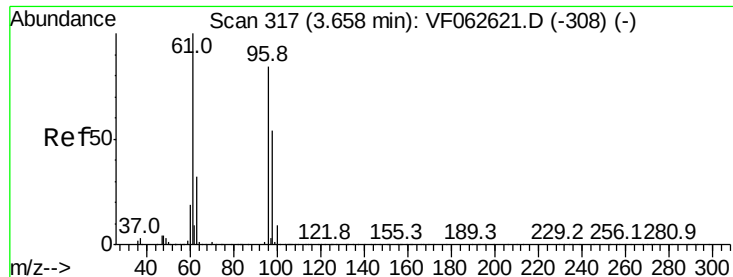
97 40.3 14.1 42.4



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



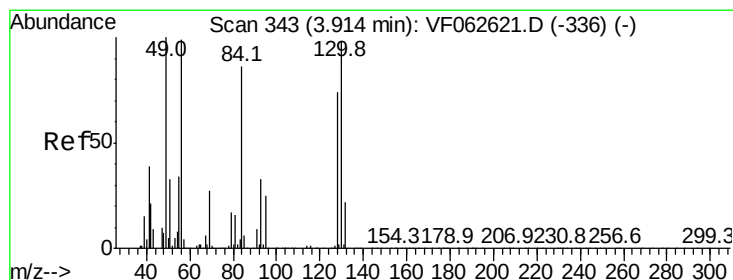
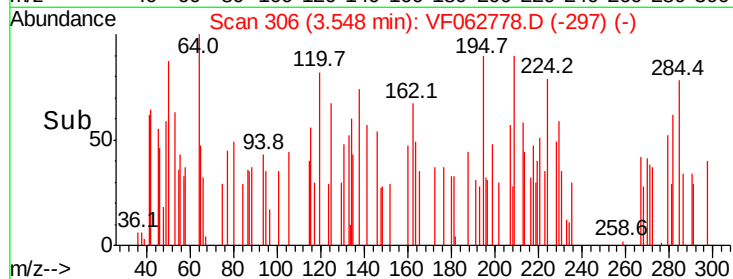
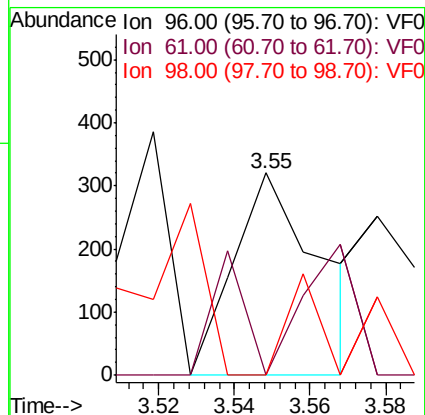
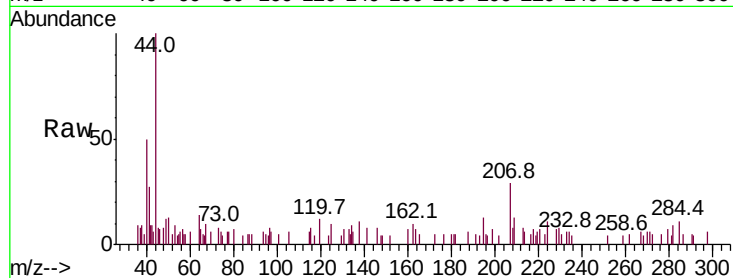


#27

cis-1,2-Dichloroethene
Concen: 223.795 ug/l
RT: 3.55 min Scan# 306
Delta R.T. -0.11 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

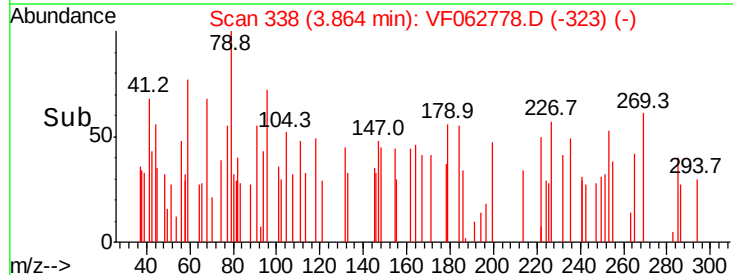
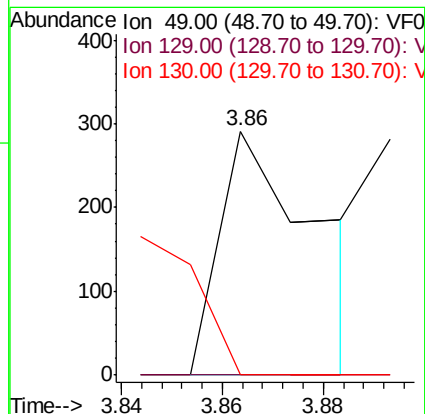
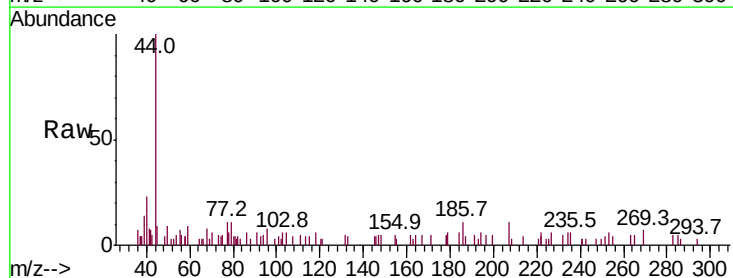
Tot Ion:	96	Resp:	501
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	237.4
98	0.0	0.0	129.0

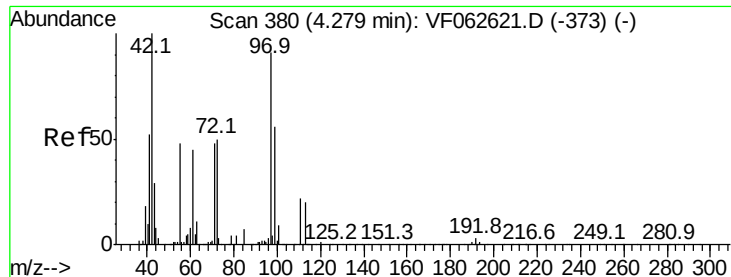


#28

Bromochloromethane
Concen: 304.972 ug/l
RT: 3.86 min Scan# 338
Delta R.T. -0.05 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion:	49	Resp:	390
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	77.8	116.8#





#29

Tetrahydrofuran

Concen: 6248.143 ug/l

RT: 4.19 min Scan# 371

Delta R.T. -0.09 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

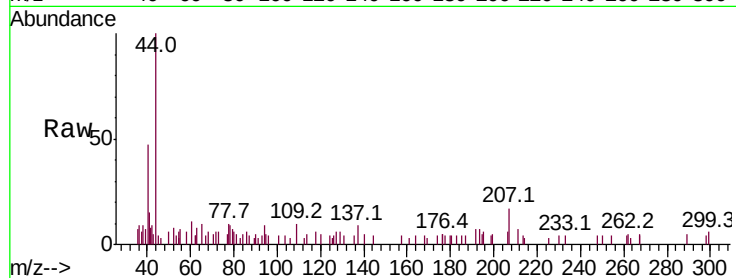
Tot Ion: 42 Resp: 1535

Ion Ratio Lower Upper

42 100

72 27.2 38.2 57.2#

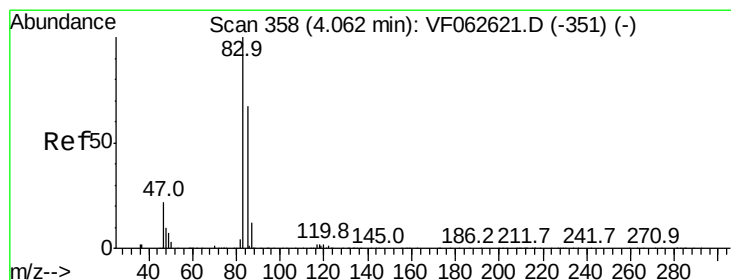
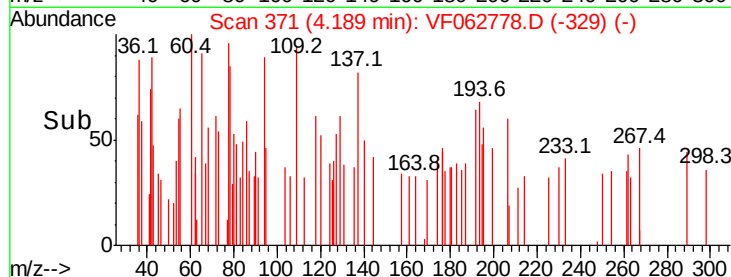
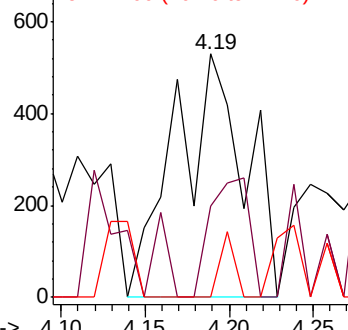
71 5.5 35.8 53.6#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 76.127 ug/l

RT: 3.90 min Scan# 342

Delta R.T. -0.16 min

Lab File: VF062778.D

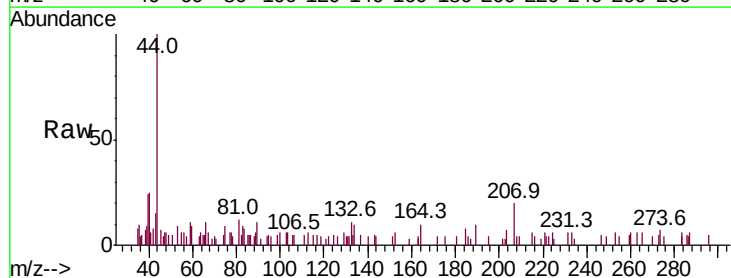
Acq: 29 May 2019 13:09

Tgt Ion: 83 Resp: 241

Ion Ratio Lower Upper

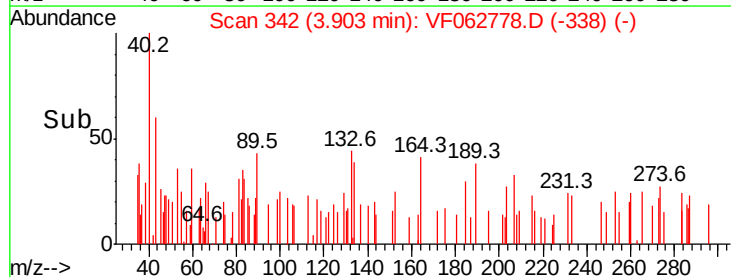
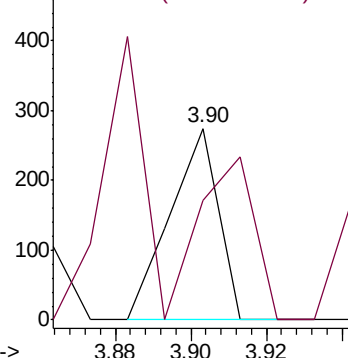
83 100

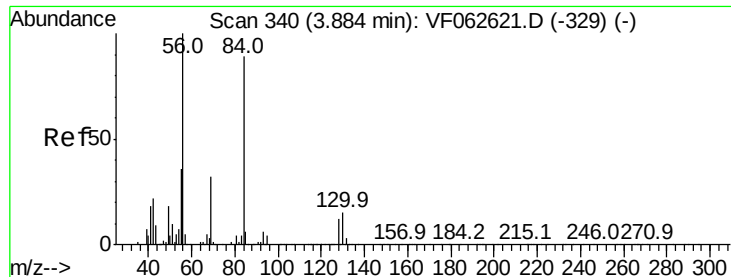
85 62.5 53.6 80.4



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

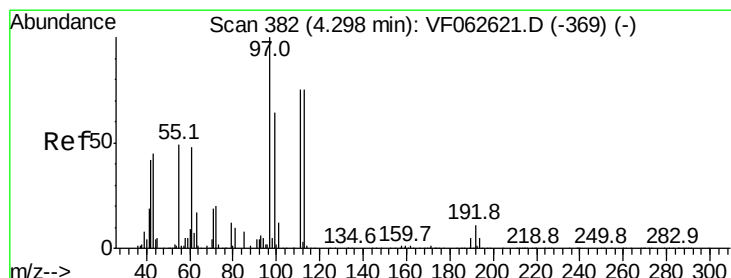
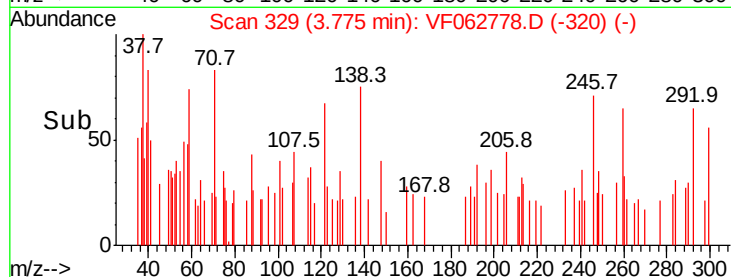
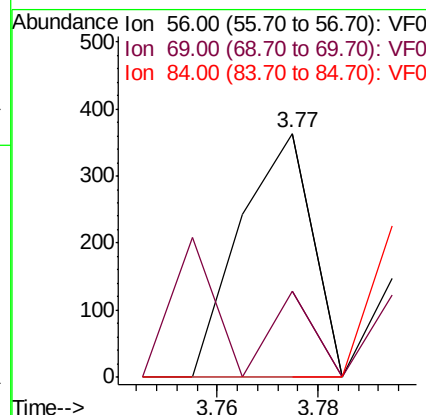
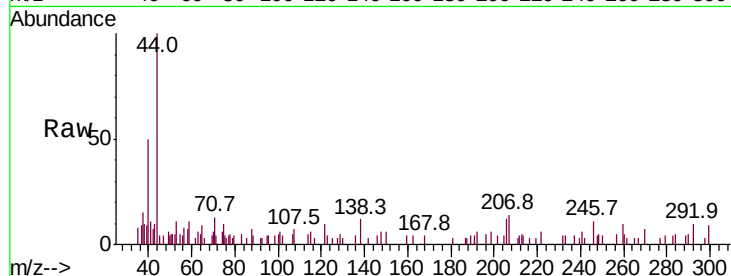




#31
Cyclohexane
Concen: 116.934 ug/l
RT: 3.77 min Scan# 329
Delta R.T. -0.11 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

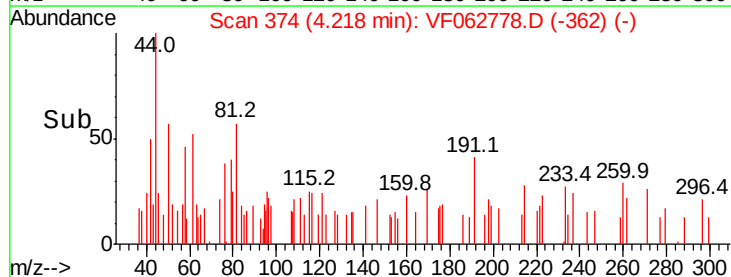
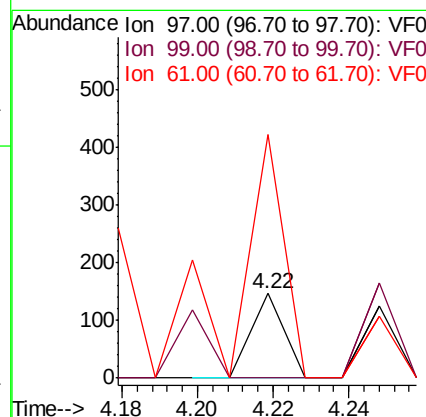
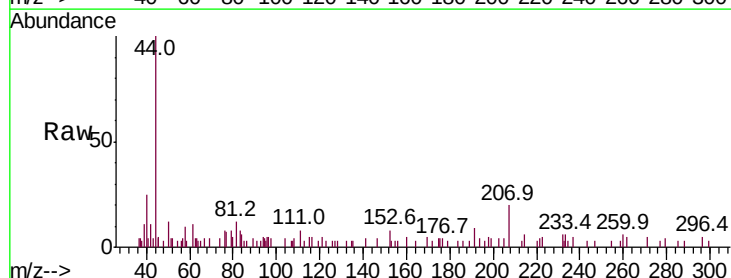
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

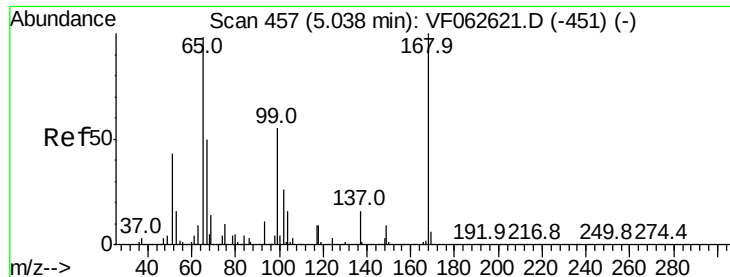
Tot Ion: 56 Resp: 358
Ion Ratio Lower Upper
56 100
69 35.3 25.3 37.9
84 0.0 71.0 106.4#



#32
1,1,1-Trichloroethane
Concen: 41.380 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.08 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 97 Resp: 87
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 287.8 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 73.039 ug/l

RT: 4.91 min Scan# 444

Delta R.T. -0.13 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

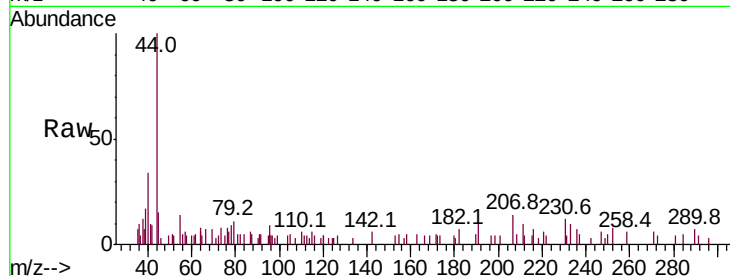
B-13-1.5-2.0RE

Tot Ion: 65 Resp: 80

Ion Ratio Lower Upper

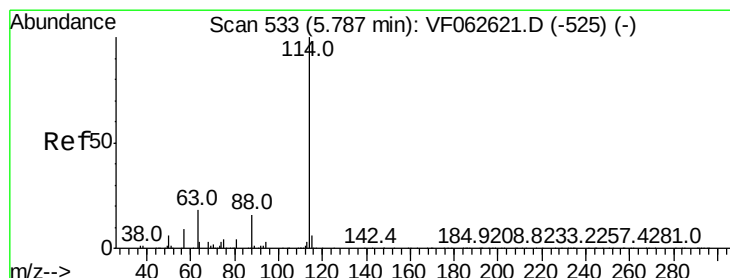
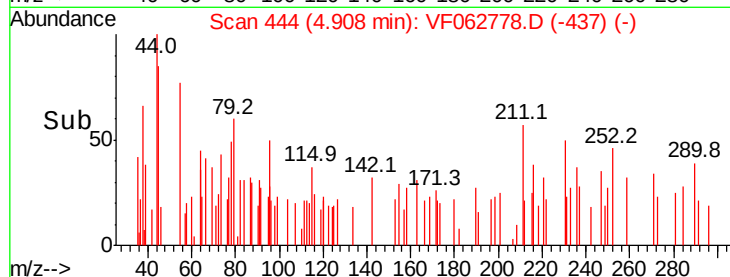
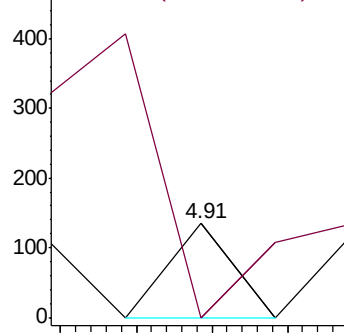
65 100

67 0.0 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: 5.71 min Scan# 525

Delta R.T. -0.08 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

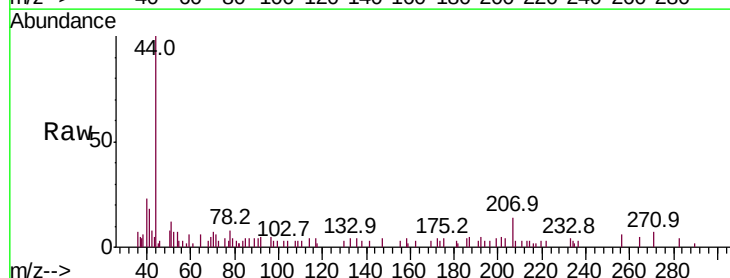
Tgt Ion: 114 Resp: 222

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.4

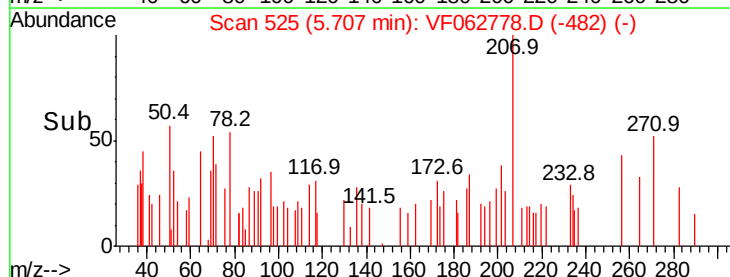
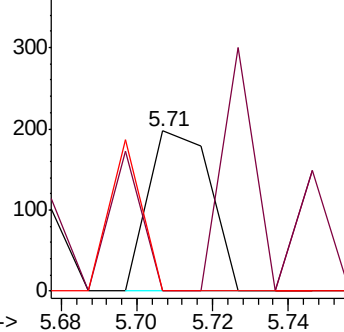
88 0.0 0.0 32.4

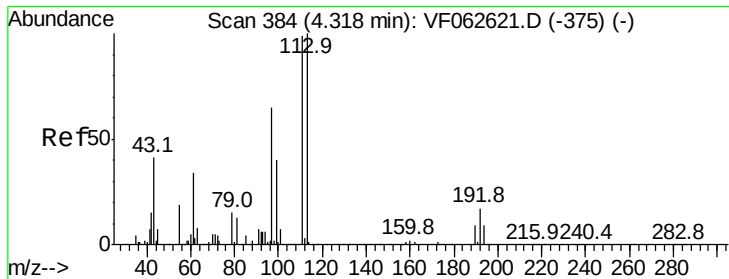


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 64.165 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.07 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

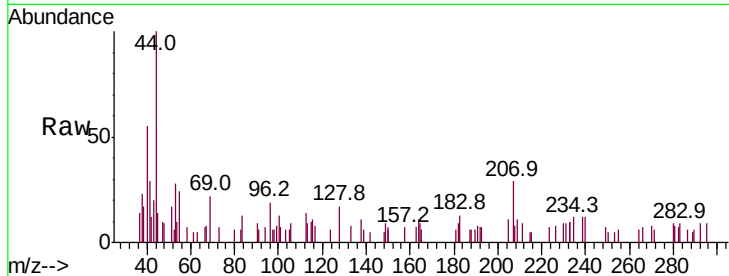
Tot Ion:113 Resp: 109

Ion Ratio Lower Upper

113 100

111 0.0 79.4 119.2#

192 70.8 13.4 20.2#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

250

200

150

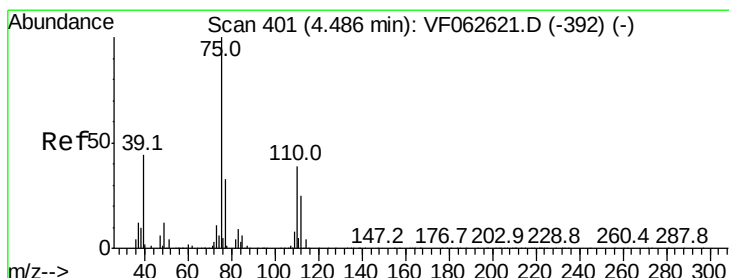
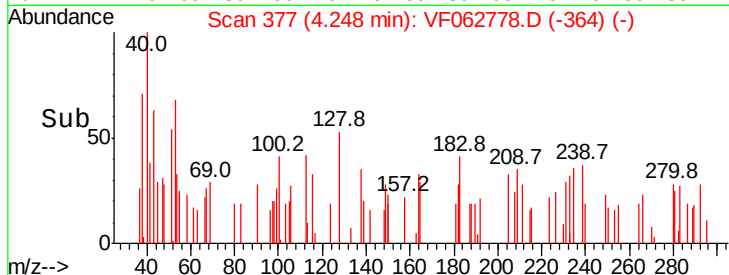
100

50

0

4.24 4.25 4.26

Time-->



#36

1,1-Dichloropropene

Concen: 102.426 ug/l

RT: 4.43 min Scan# 395

Delta R.T. -0.06 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

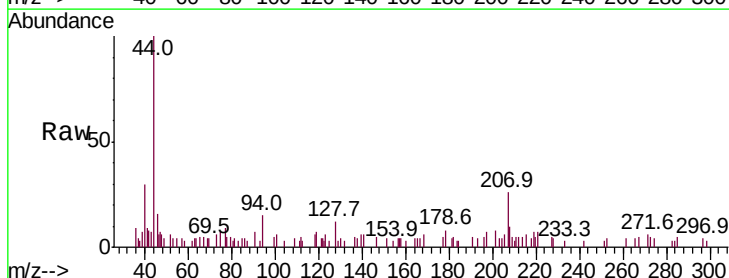
Tgt Ion: 75 Resp: 233

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.1#

77 140.6 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

600

500

400

300

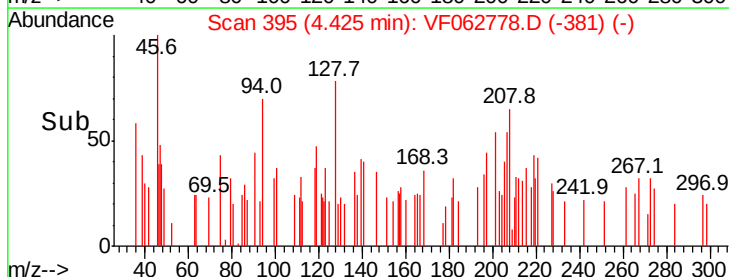
200

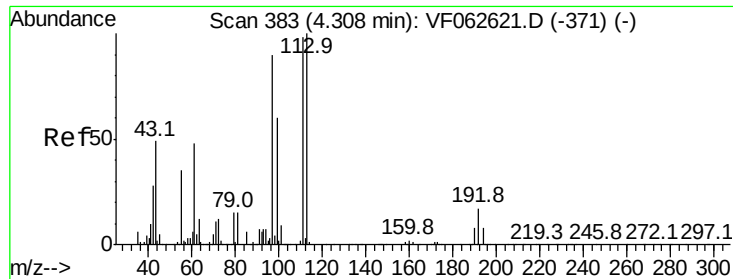
100

0

4.40 4.42 4.43 4.44

Time-->

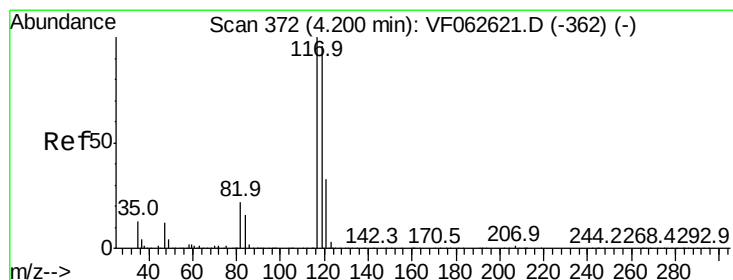
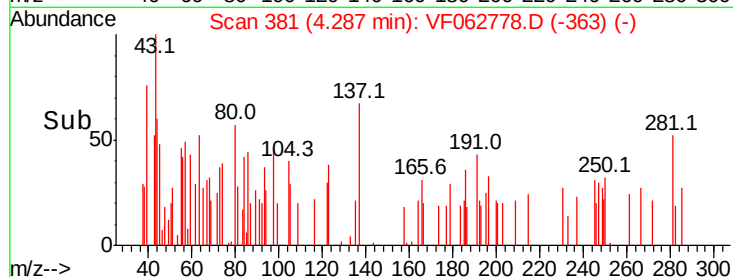
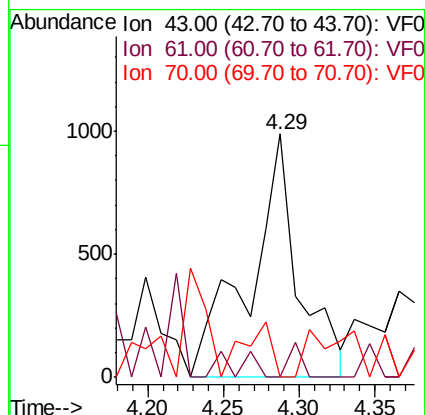
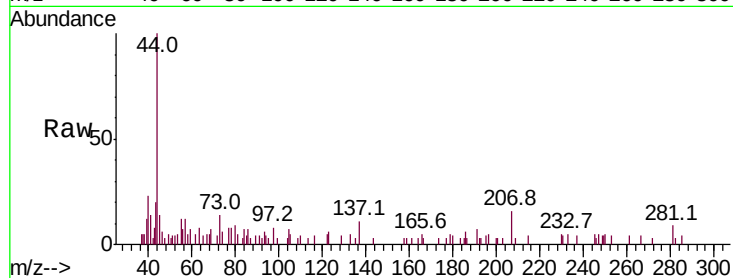




#37
Ethyl Acetate
Concen: 2408.457 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

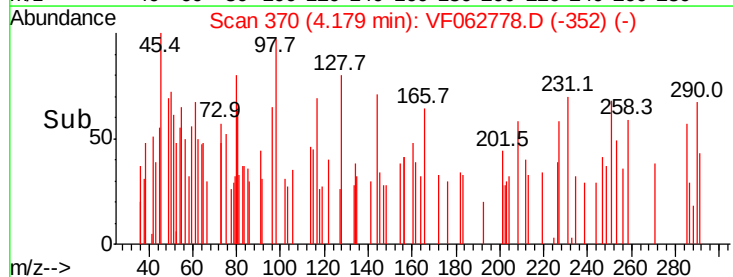
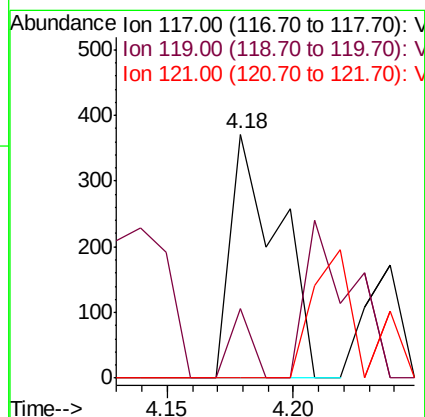
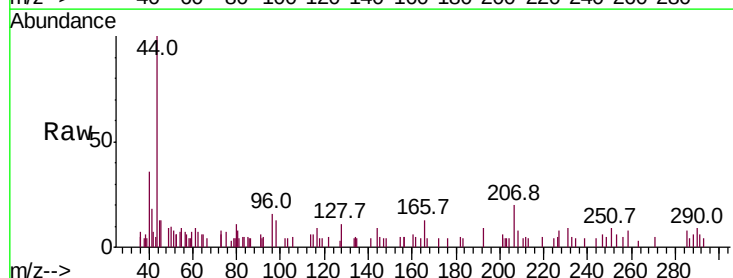
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

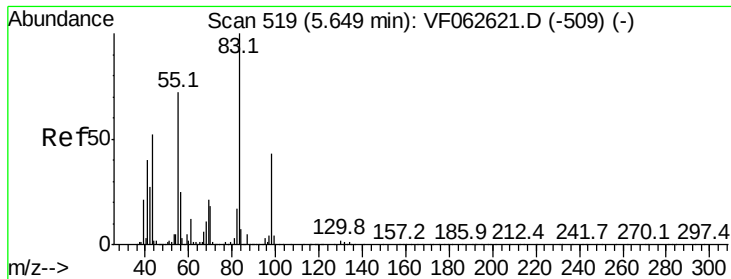
Tot Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
61 0.0 76.9 115.3#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 286.410 ug/l
RT: 4.18 min Scan# 370
Delta R.T. -0.02 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 117 Resp: 490
Ion Ratio Lower Upper
117 100
119 28.3 76.7 115.1#
121 0.0 26.6 40.0#

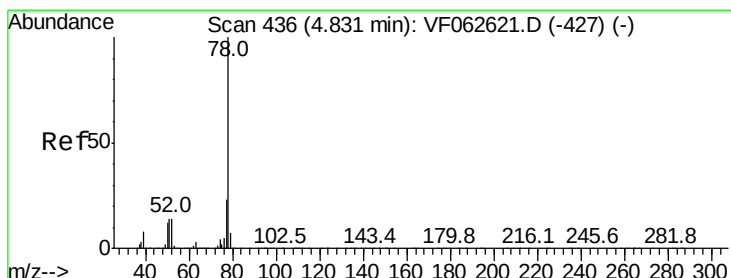
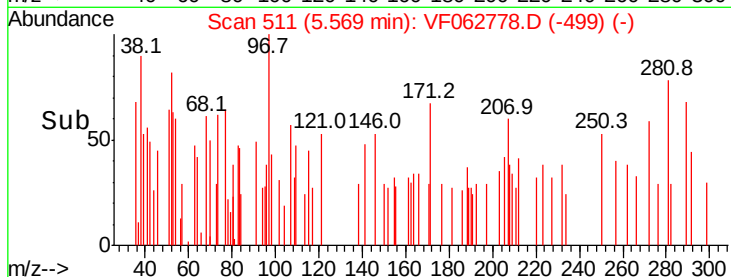
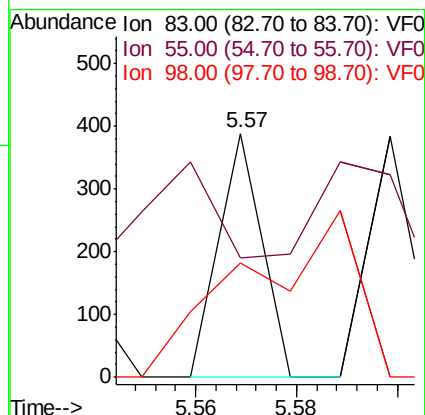
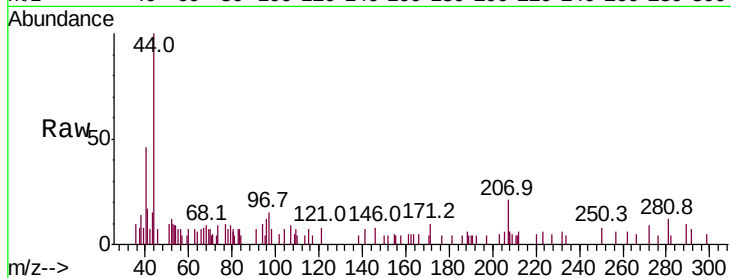




#39
Methylvlcyclohexane
Concen: 84.028 ug/l
RT: 5.57 min Scan# 511
Delta R.T. -0.08 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

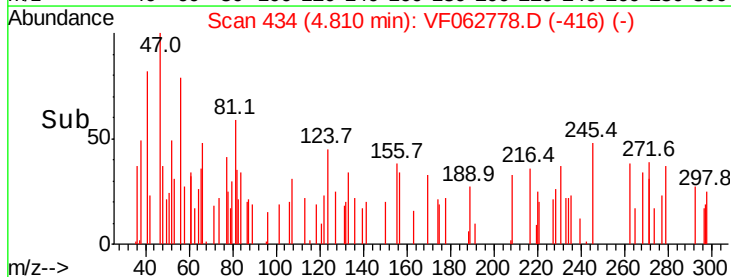
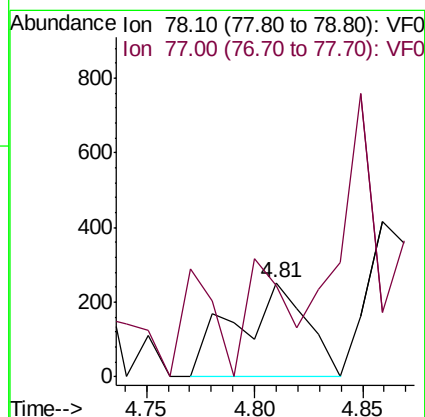
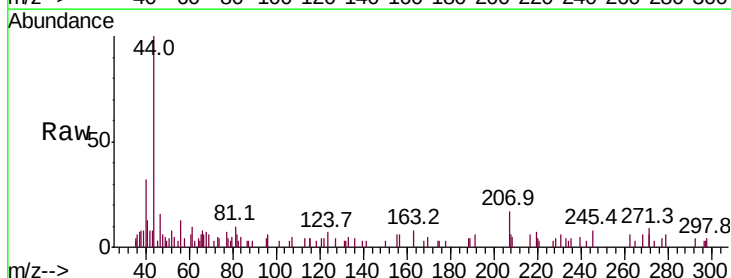
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

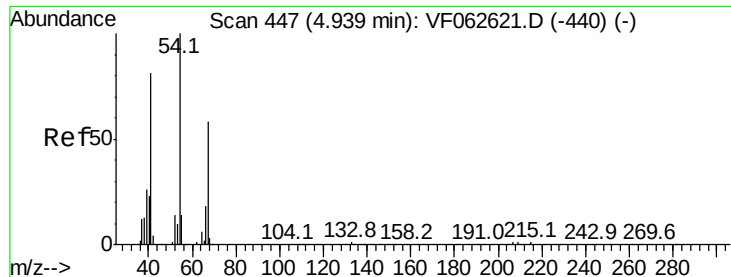
Tot Ion: 83 Resp: 230
Ion Ratio Lower Upper
83 100
55 49.2 57.9 86.9#
98 46.6 34.6 52.0



#40
Benzene
Concen: 91.977 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.02 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 78 Resp: 570
Ion Ratio Lower Upper
78 100
77 96.8 18.2 27.2#





#41

Methacrylonitrile

Concen: 2207.621 ug/l

RT: 4.89 min Scan# 442

Delta R.T. -0.05 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

Tot Ion: 41 Resp: 1075

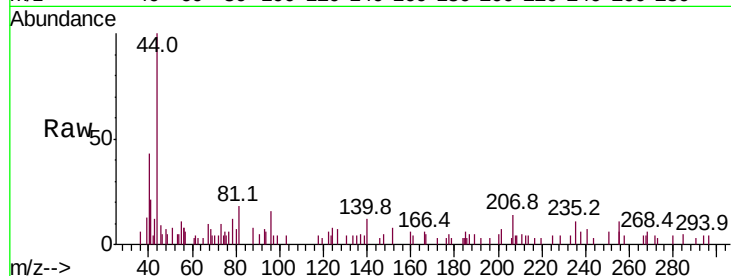
Ion Ratio Lower Upper

41 100

39 62.6 42.2 63.2

67 47.0 56.4 84.6#

52 0.0 38.8 58.2#

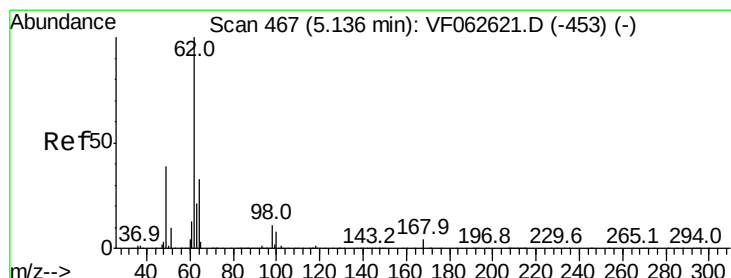
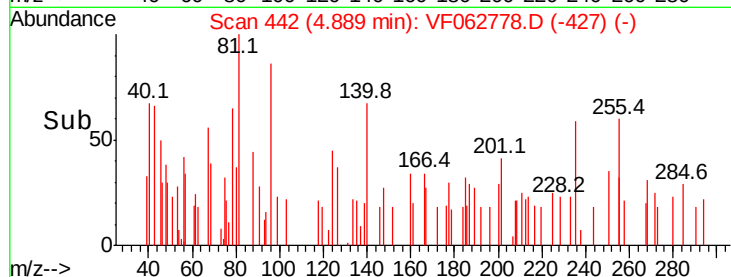
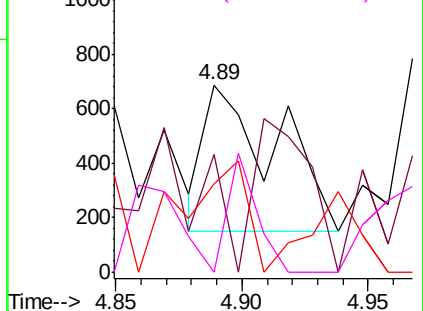


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 146.461 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.06 min

Lab File: VF062778.D

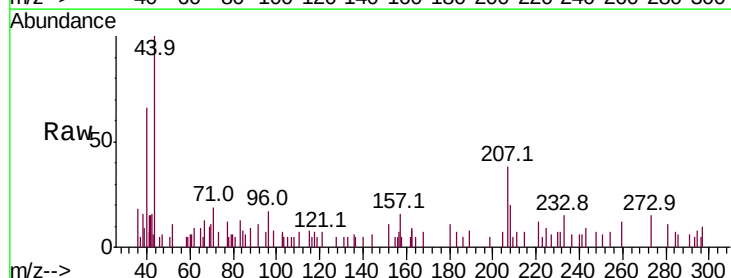
Acq: 29 May 2019 13:09

Tgt Ion: 62 Resp: 181

Ion Ratio Lower Upper

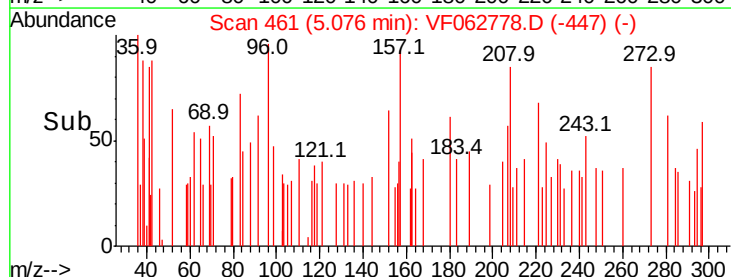
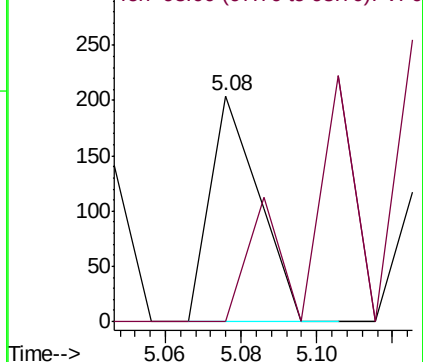
62 100

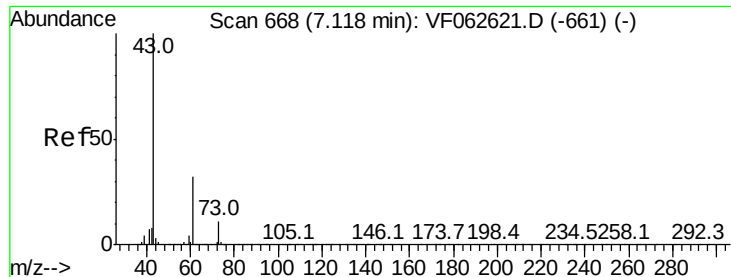
98 0.0 0.0 21.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 412.197 ug/l

RT: 6.98 min Scan# 654

Delta R.T. -0.14 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

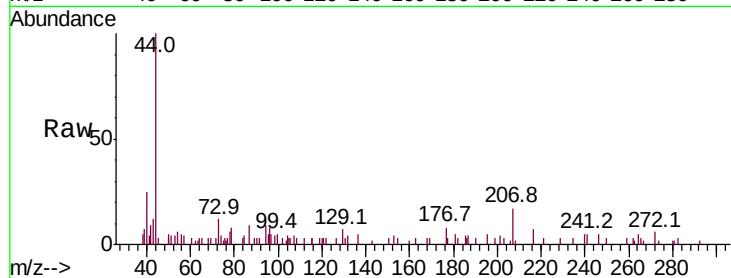
Tot Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.8#

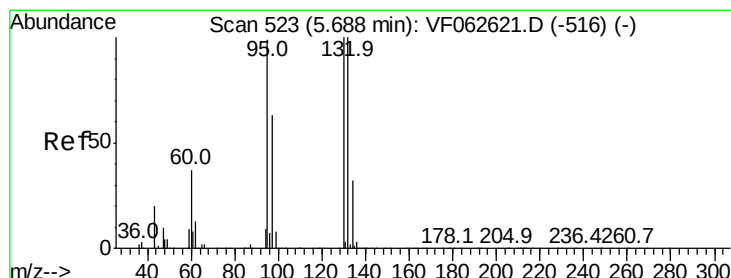
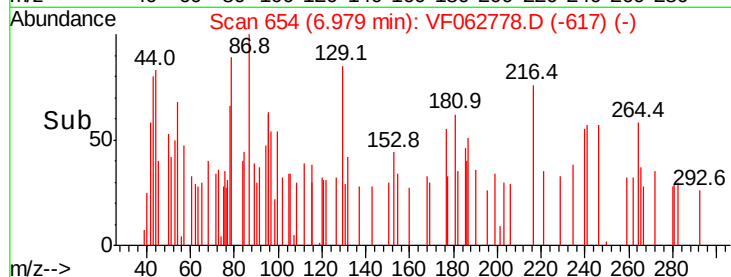
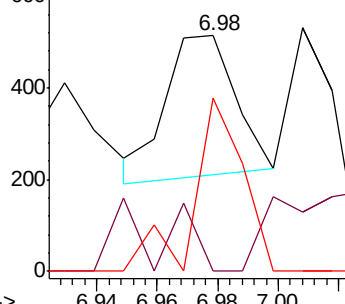
87 73.5 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 146.978 ug/l

RT: 5.56 min Scan# 510

Delta R.T. -0.13 min

Lab File: VF062778.D

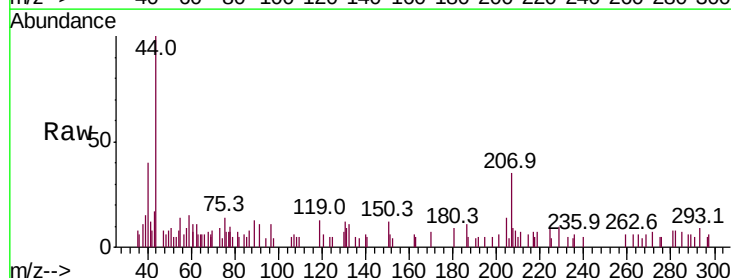
Acq: 29 May 2019 13:09

Tgt Ion: 130 Resp: 256

Ion Ratio Lower Upper

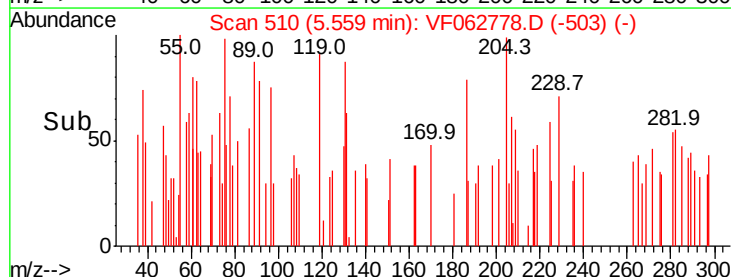
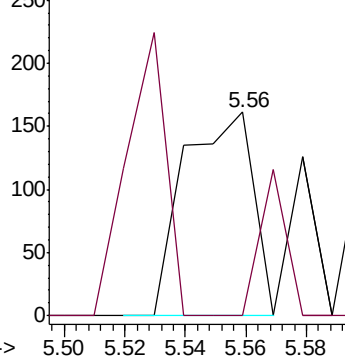
130 100

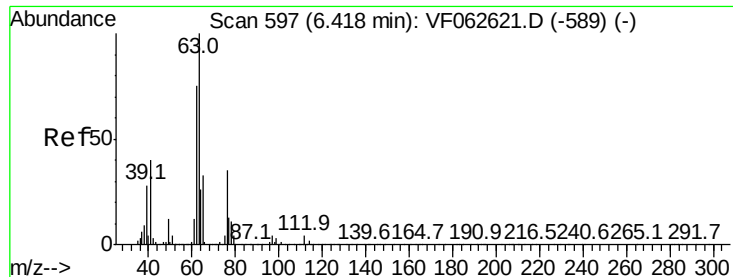
95 0.0 0.0 199.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 70.954 ug/l

RT: 6.31 min Scan# 586

Delta R.T. -0.11 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

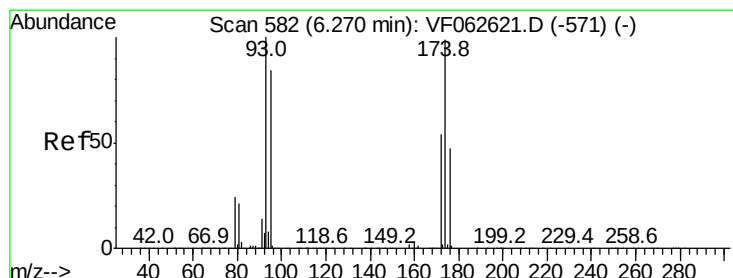
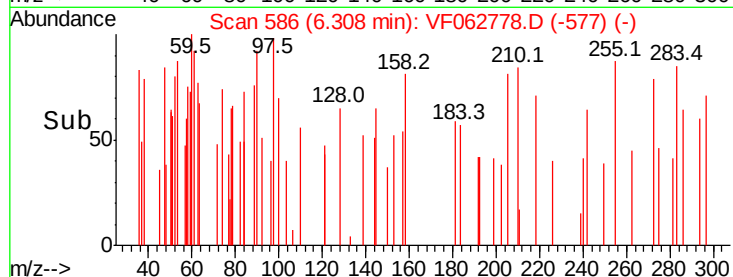
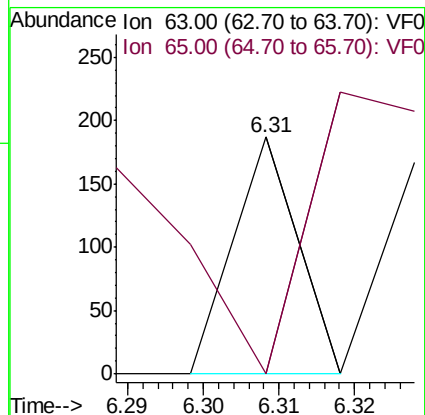
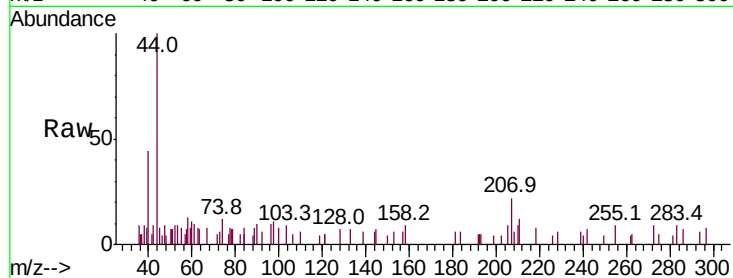
B-13-1.5-2.0RE

Tot Ion: 63 Resp: 111

Ion Ratio Lower Upper

63 100

65 0.0 26.3 39.5#



#46

Dibromomethane

Concen: 69.682 ug/l

RT: 6.16 min Scan# 571

Delta R.T. -0.11 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

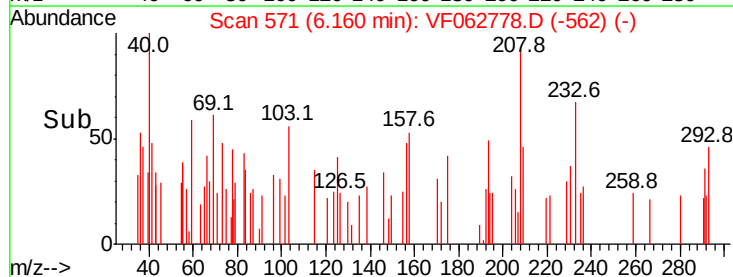
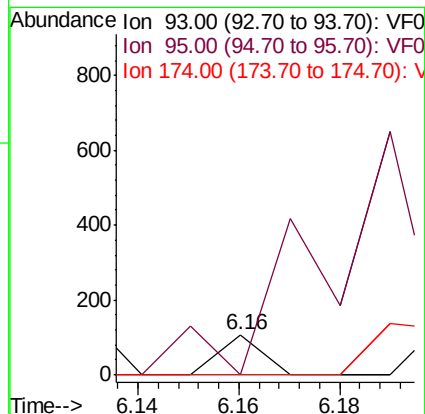
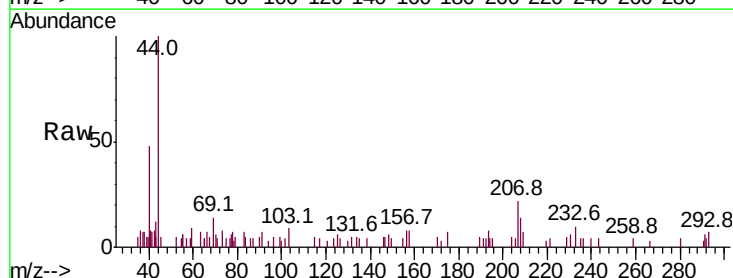
Tgt Ion: 93 Resp: 63

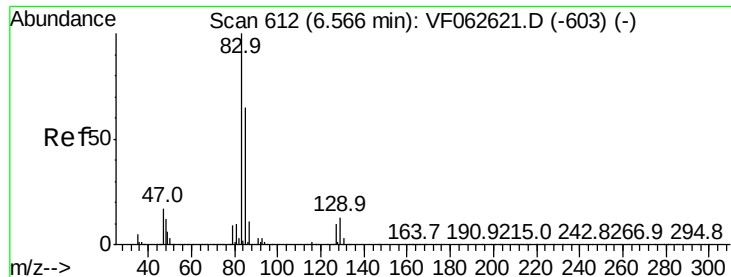
Ion Ratio Lower Upper

93 100

95 0.0 67.4 101.2#

174 0.0 79.4 119.2#





#47

Bromodichloromethane

Concen: 108.688 ug/l

RT: 6.48 min Scan# 603

Delta R.T. -0.09 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

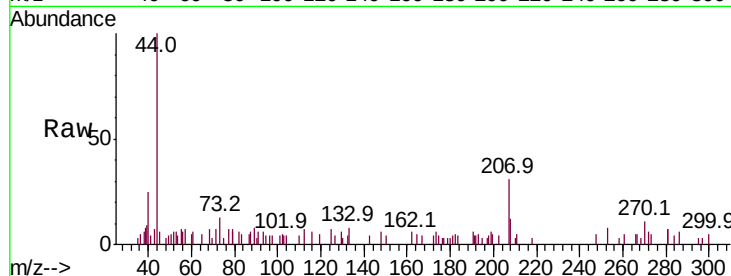
Tot Ion: 83 Resp: 204

Ion Ratio Lower Upper

83 100

85 0.0 52.0 78.0#

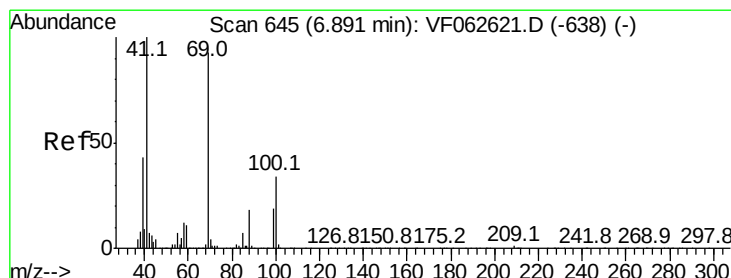
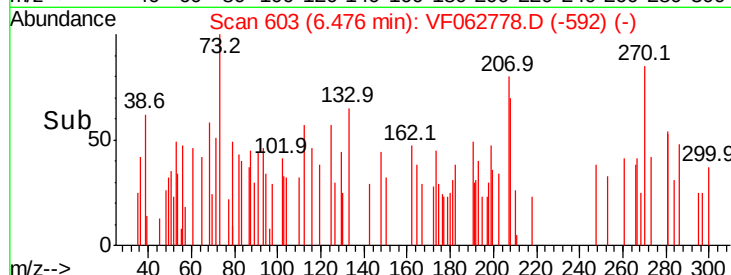
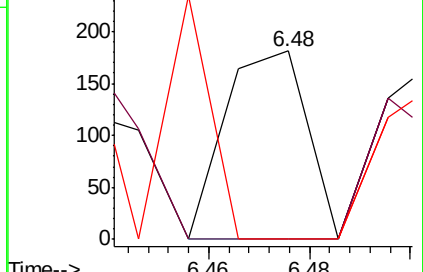
127 0.0 7.7 11.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 1631.293 ug/l

RT: 6.83 min Scan# 639

Delta R.T. -0.06 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

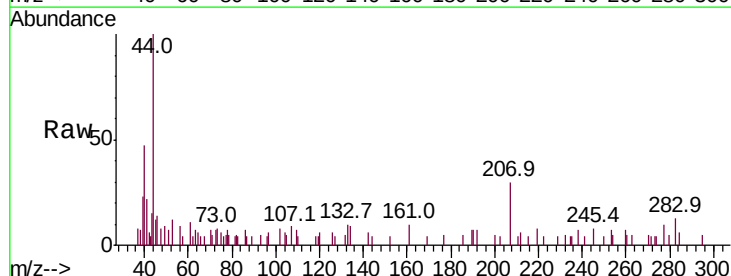
Tgt Ion: 41 Resp: 1026

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

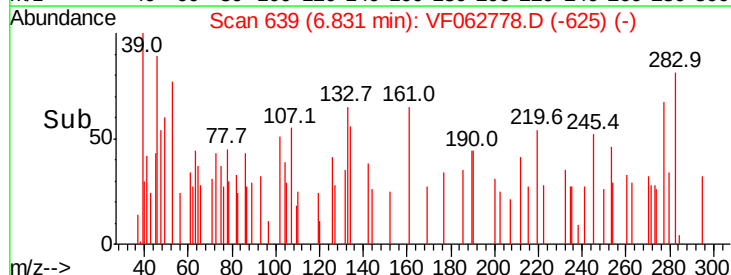
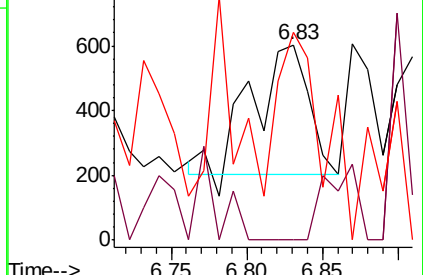
39 106.6 34.2 51.4#

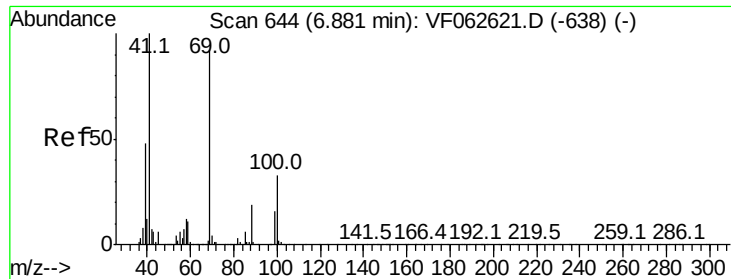


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

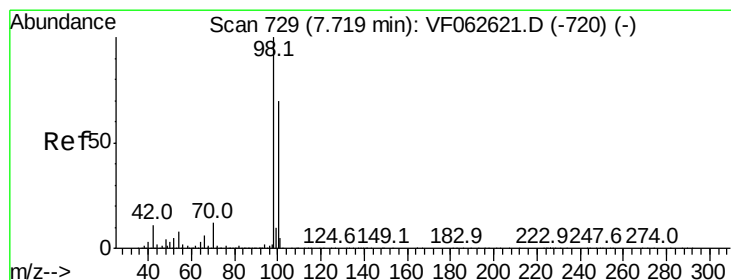
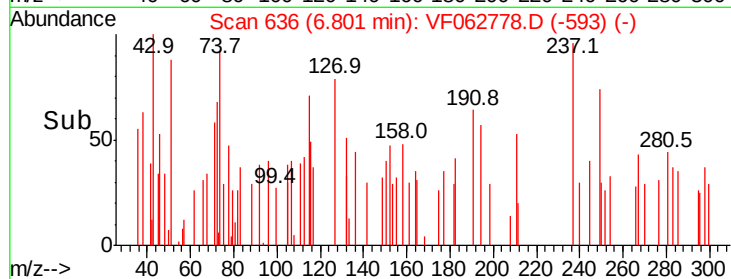
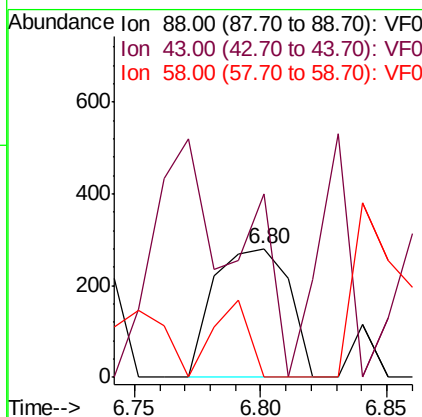
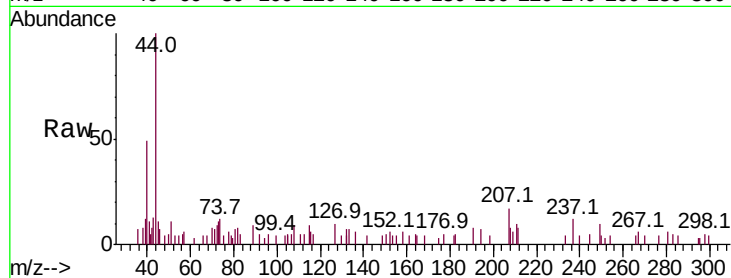




#49
1,4-Dioxane
Concen: 72496.759 ug/l
RT: 6.80 min Scan# 636
Delta R.T. -0.08 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

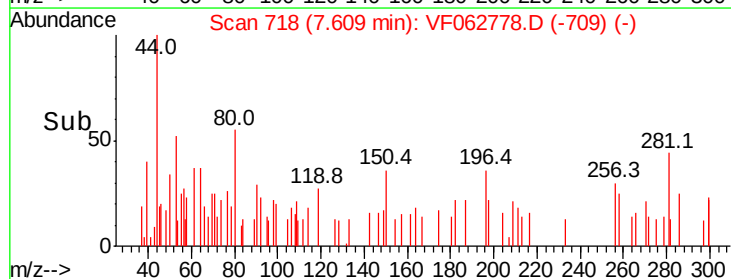
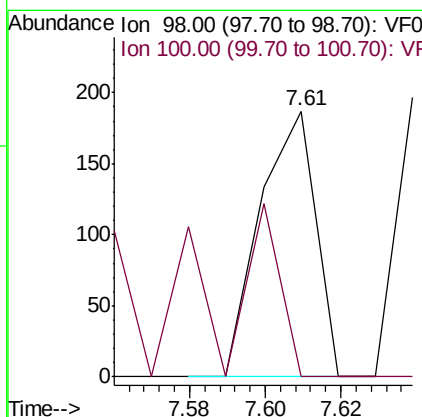
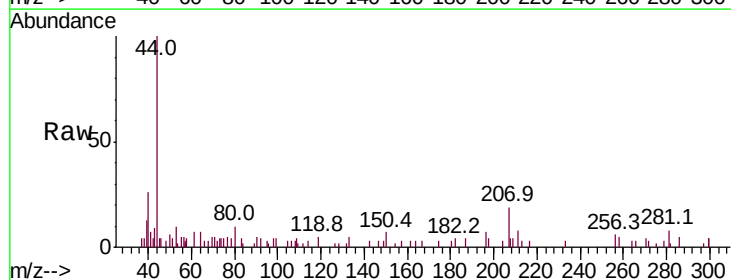
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

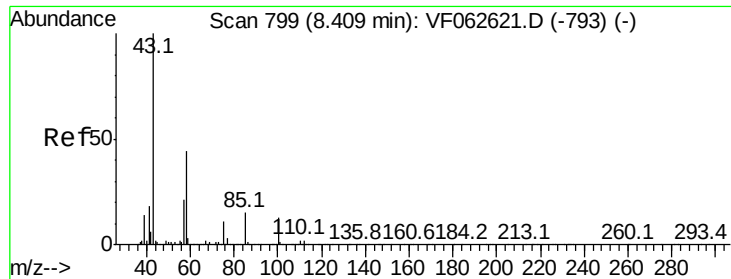
Tot Ion: 88 Resp: 584
Ion Ratio Lower Upper
88 100
43 142.5 30.0 45.0#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 46.845 ug/l
RT: 7.61 min Scan# 718
Delta R.T. -0.11 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 98 Resp: 190
Ion Ratio Lower Upper
98 100
100 0.0 56.2 84.2#





#51

4-Methyl-2-Pentanone

Concen: 1556.216 ug/l

RT: 8.25 min Scan# 783

Delta R.T. -0.16 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

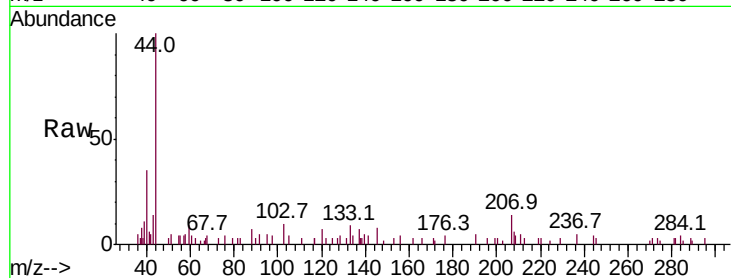
B-13-1.5-2.0RE

Tot Ion: 43 Resp: 1280

Ion Ratio Lower Upper

43 100

58 33.1 34.9 52.3#

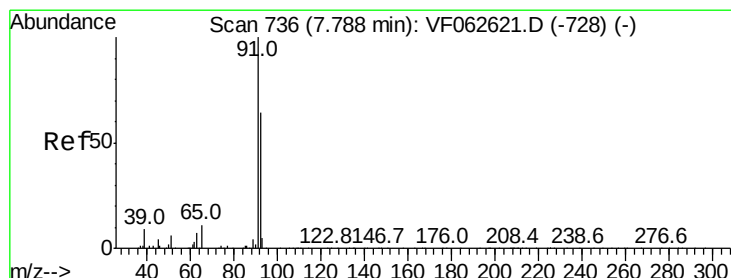
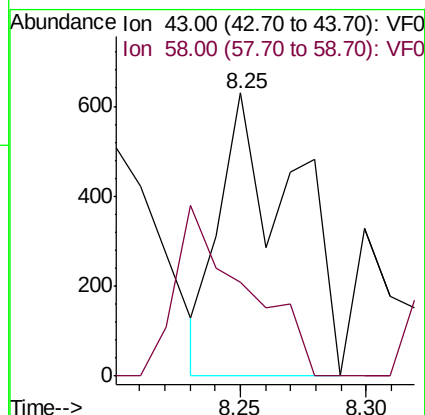
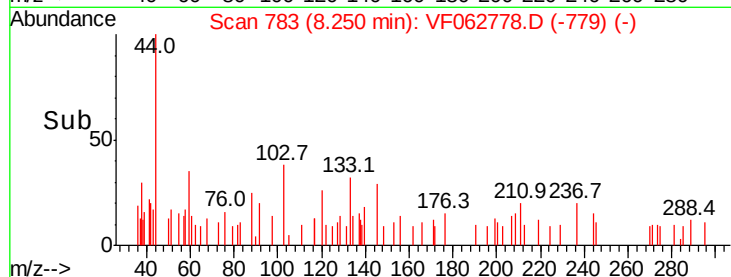


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.25

8.30



#52

Toluene

Concen: 34.460 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.09 min

Lab File: VF062778.D

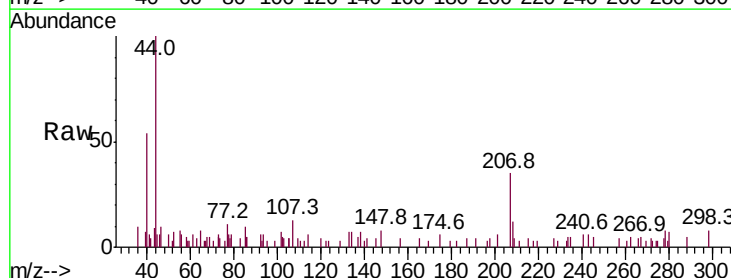
Acq: 29 May 2019 13:09

Tgt Ion: 92 Resp: 112

Ion Ratio Lower Upper

92 100

91 0.0 125.4 188.0#

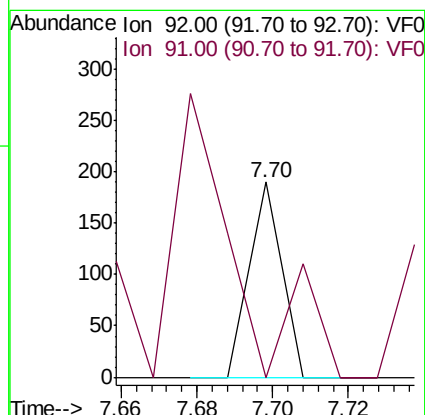
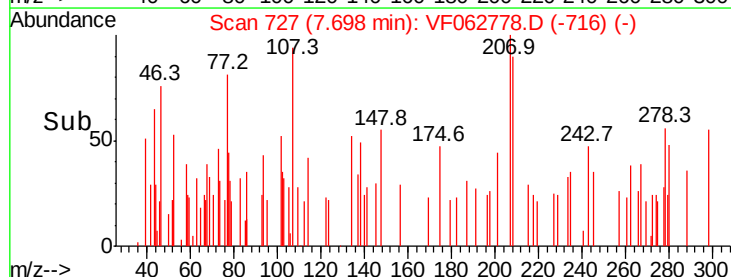


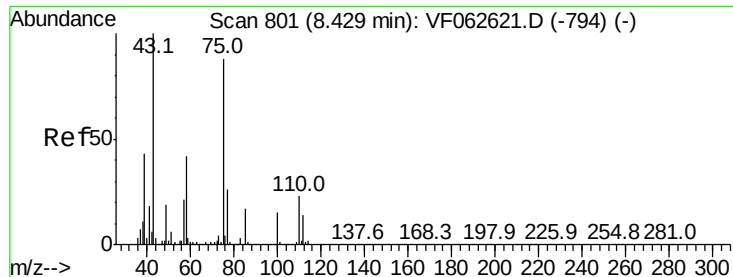
Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.70

7.72





#53

t-1,3-Dichloropropene

Concen: 72.938 ug/l

RT: 8.33 min Scan# 791

Delta R.T. -0.10 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

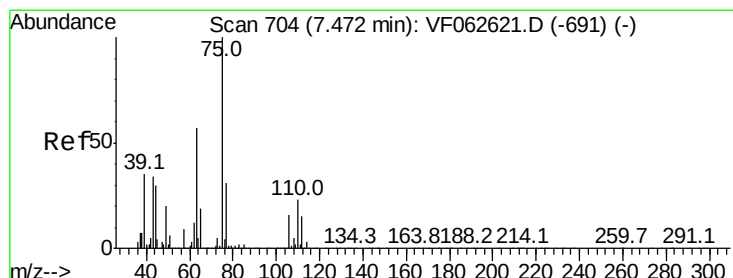
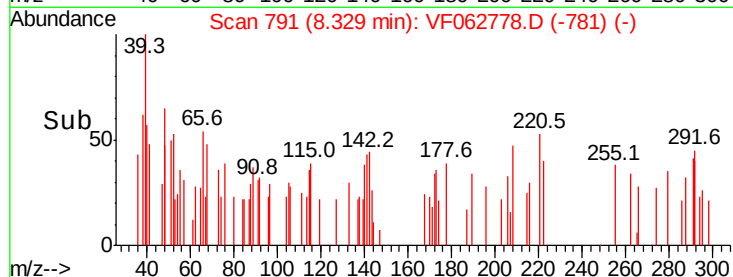
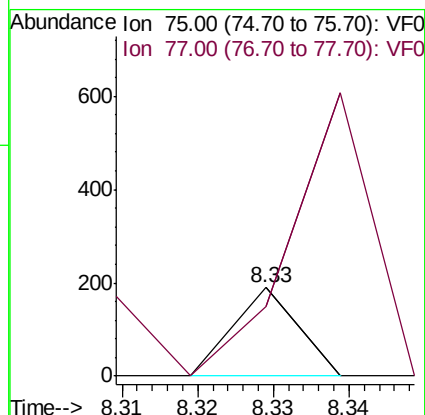
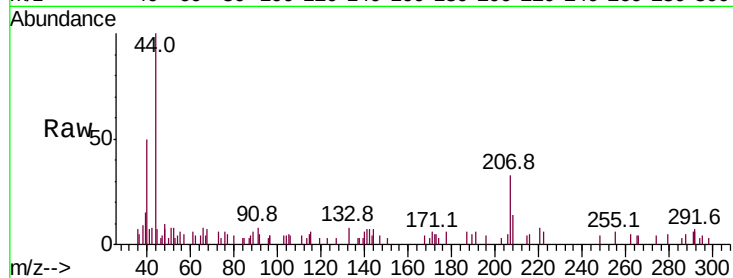
B-13-1.5-2.0RE

Tot Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

77 78.9 24.2 36.4#



#54

cis-1,3-Dichloropropene

Concen: 274.946 ug/l

RT: 7.38 min Scan# 695

Delta R.T. -0.09 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

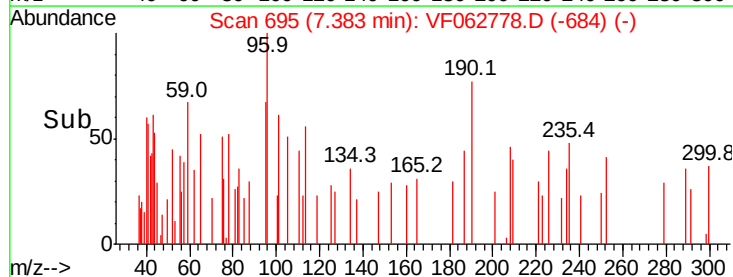
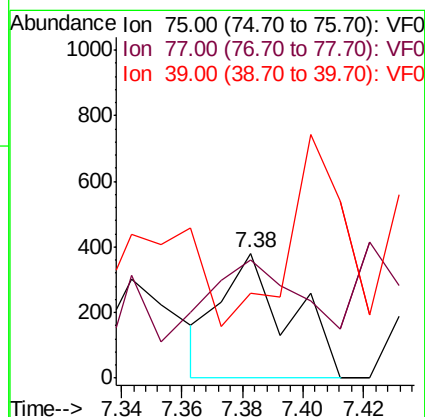
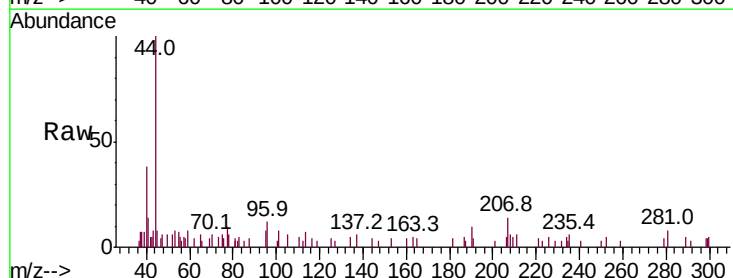
Tgt Ion: 75 Resp: 591

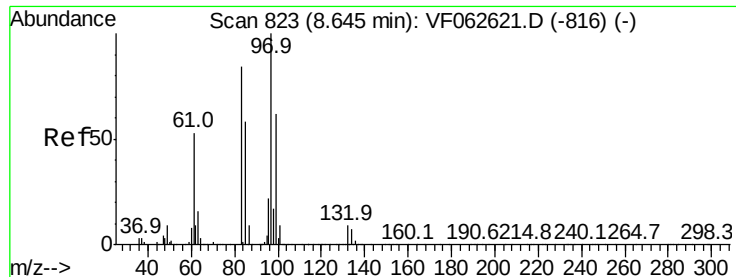
Ion Ratio Lower Upper

75 100

77 94.5 25.3 37.9#

39 68.2 28.2 42.2#





#55

1,1,2-Trichloroethane

Concen: 226.538 ug/l

RT: 8.51 min Scan# 809

Delta R.T. -0.14 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

Tot Ion: 97 Resp: 218

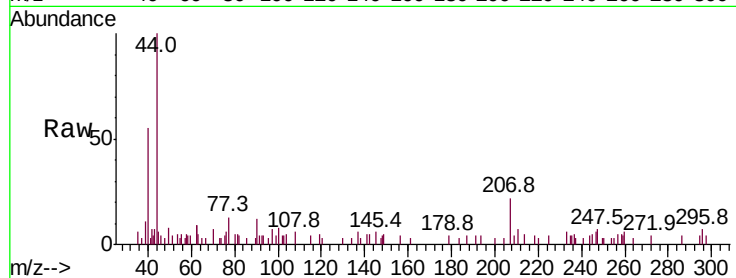
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 46.6 69.8#

99 53.1 49.7 74.5

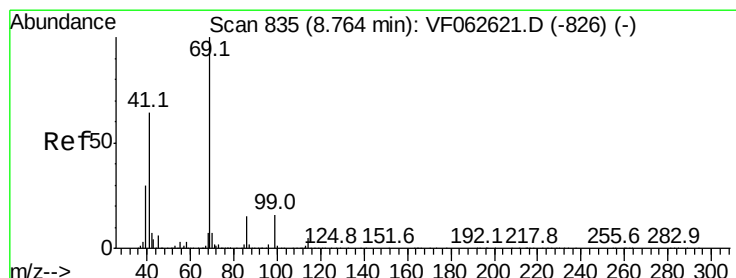
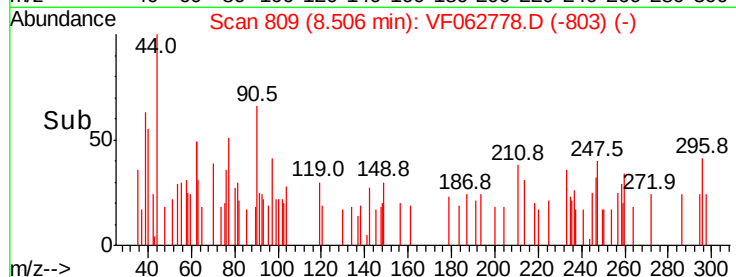
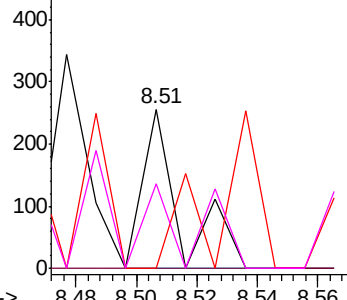


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 218.932 ug/l

RT: 8.67 min Scan# 826

Delta R.T. -0.09 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

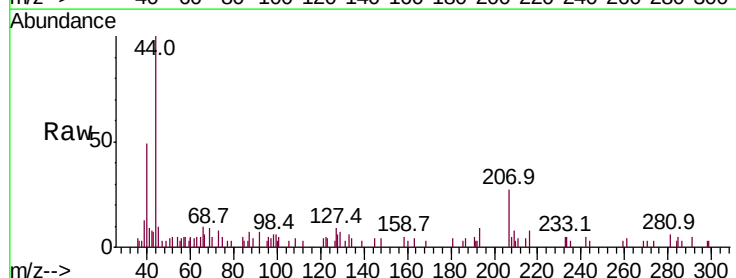
Tgt Ion: 69 Resp: 251

Ion Ratio Lower Upper

69 100

41 106.2 51.4 77.2#

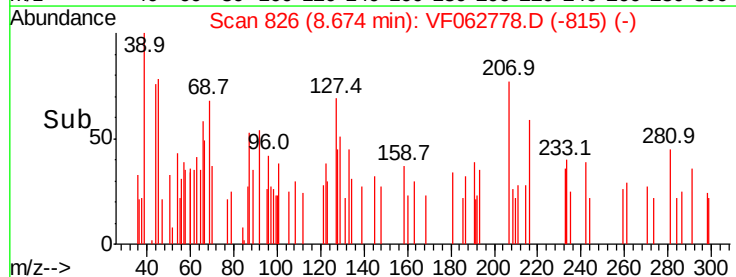
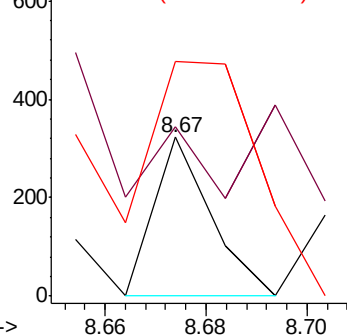
39 148.0 23.6 35.4#

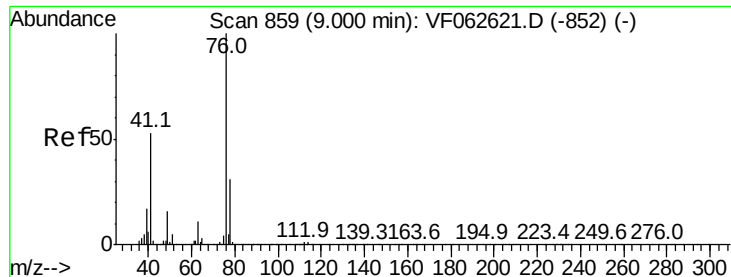


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 157.403 ug/l

RT: 8.86 min Scan# 845

Delta R.T. -0.14 min

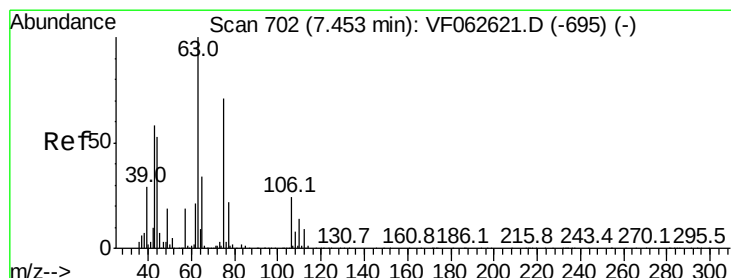
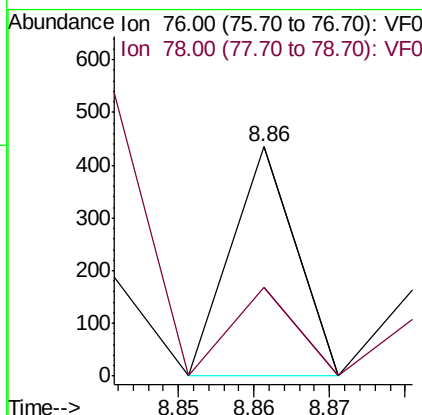
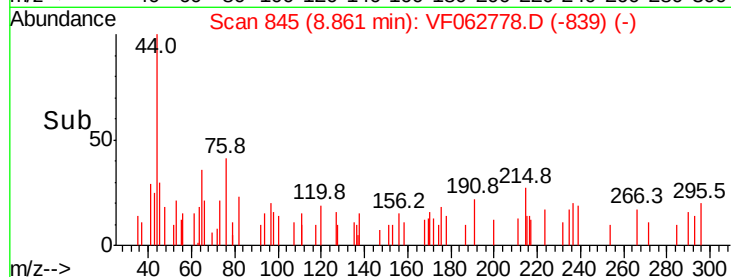
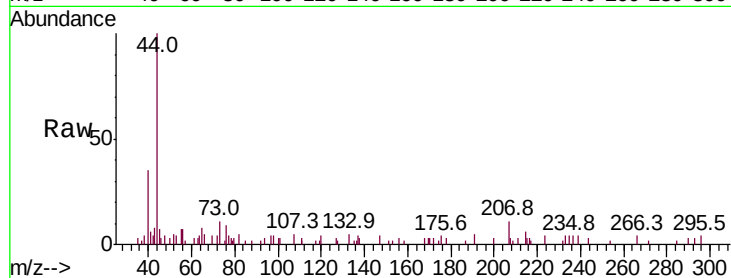
Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

Tot Ion: 76 Resp: 258

Ion	Ratio	Lower	Upper
76	100		
78	38.6	25.4	38.0#



#58

2-Chloroethyl Vinyl ether

Concen: 1393.438 ug/l

RT: 7.36 min Scan# 693

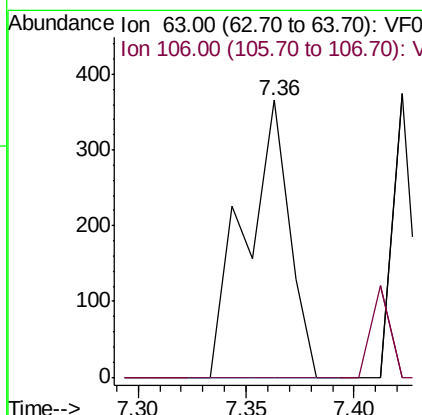
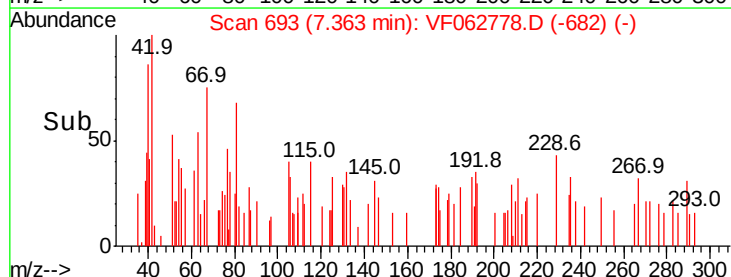
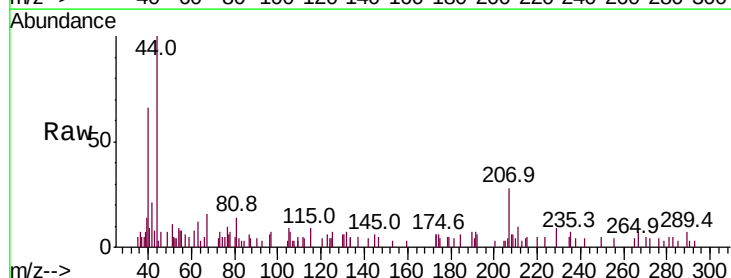
Delta R.T. -0.09 min

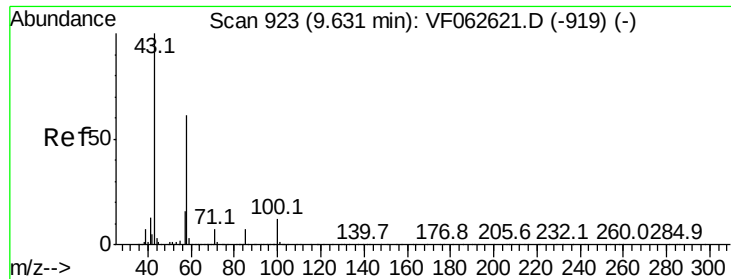
Lab File: VF062778.D

Acq: 29 May 2019 13:09

Tgt Ion: 63 Resp: 520

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.1	28.7#

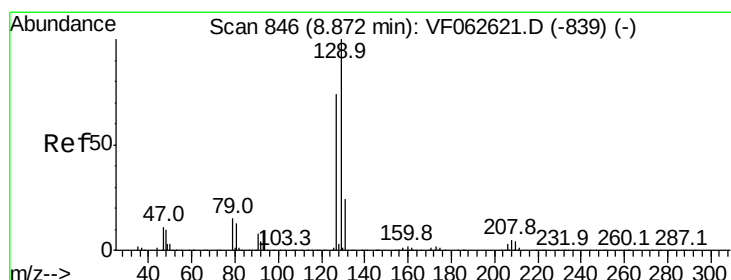
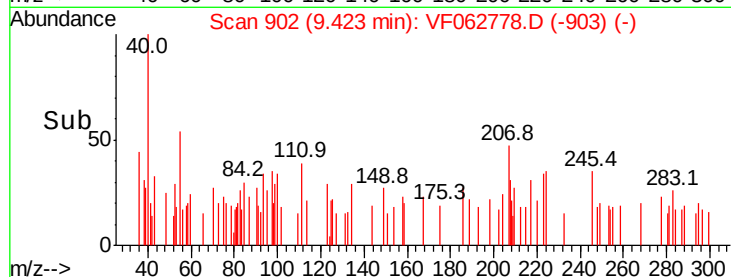
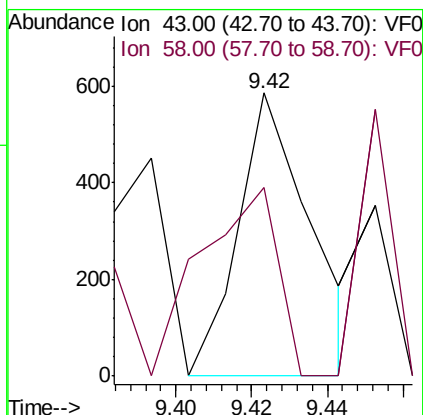
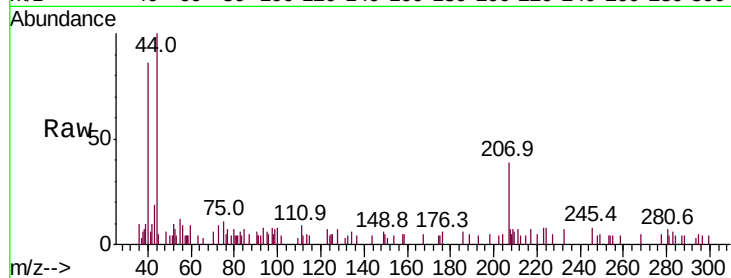




#59
2-Hexanone
Concen: 1530.172 ug/l
RT: 9.42 min Scan# 902
Delta R.T. -0.21 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

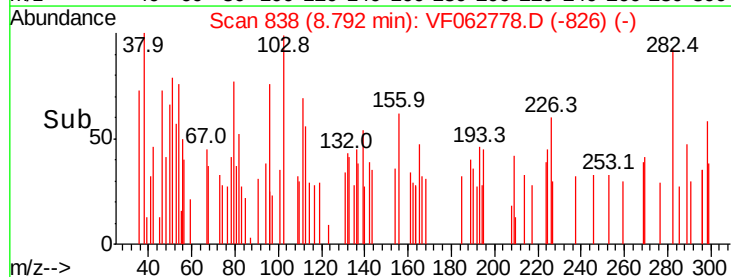
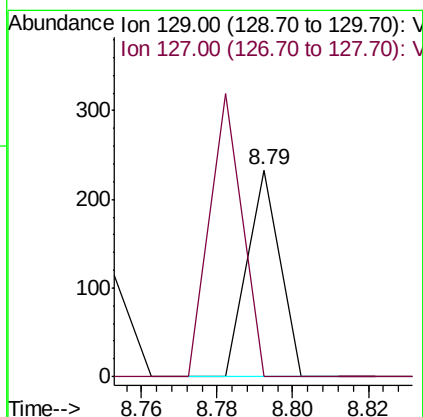
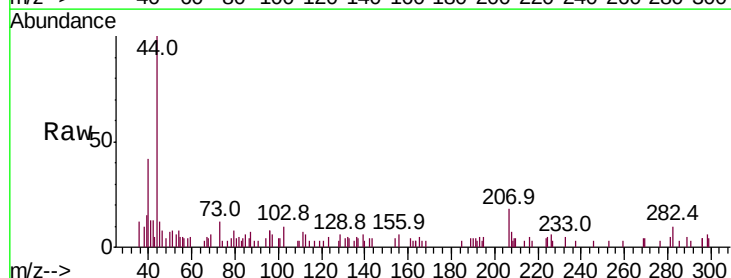
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

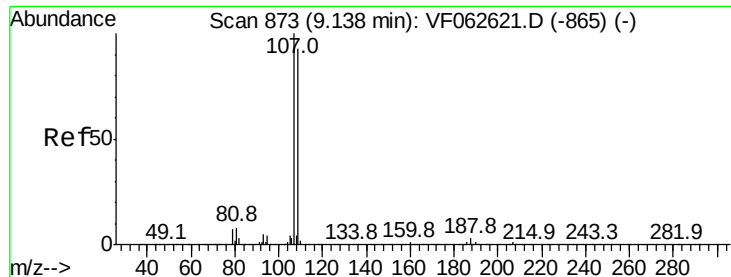
Tot Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 66.4 28.1 84.4



#60
Dibromochloromethane
Concen: 110.030 ug/l
RT: 8.79 min Scan# 838
Delta R.T. -0.08 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 129 Resp: 138
Ion Ratio Lower Upper
129 100
127 52.8 37.2 111.6





#61

1,2-Dibromoethane

Concen: 78.269 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.14 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

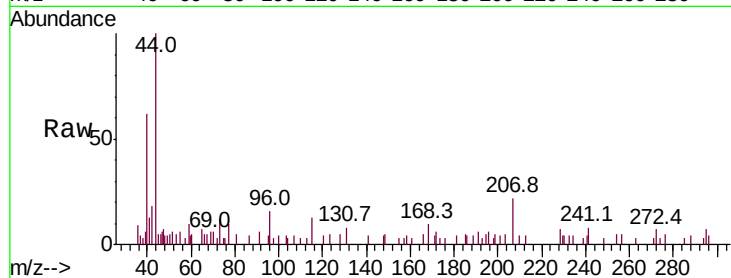
B-13-1.5-2.0RE

Tot Ion:107 Resp: 80

Ion Ratio Lower Upper

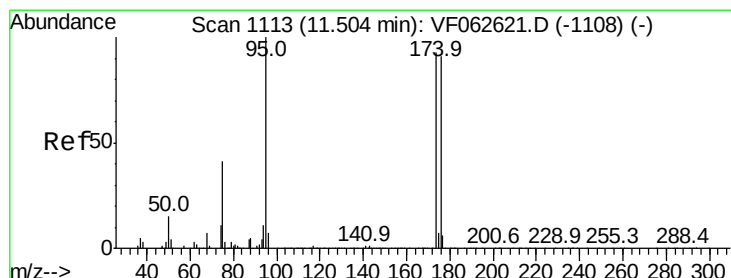
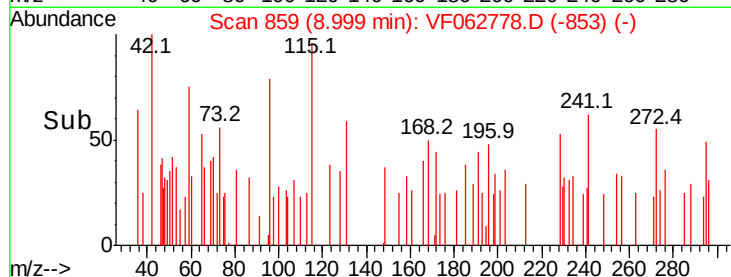
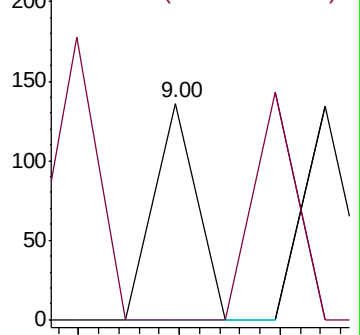
107 100

109 0.0 74.8 112.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 110.512 ug/l

RT: 11.34 min Scan# 1096

Delta R.T. -0.17 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

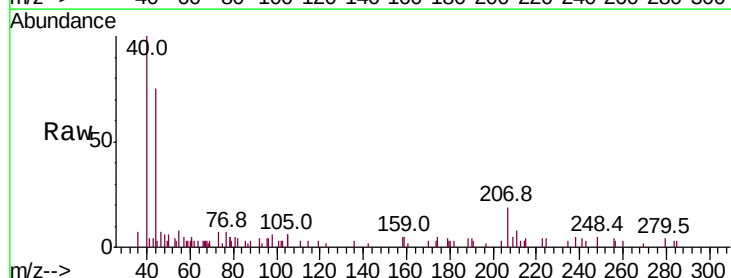
Tgt Ion: 95 Resp: 170

Ion Ratio Lower Upper

95 100

174 127.3 0.0 185.6

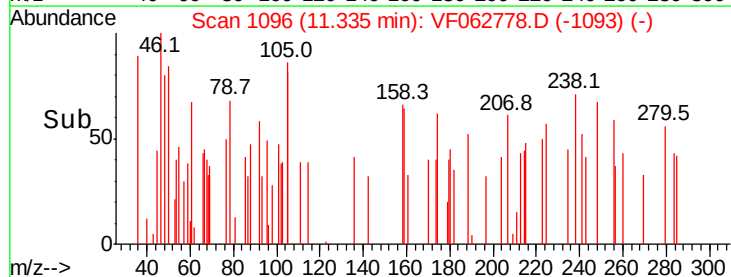
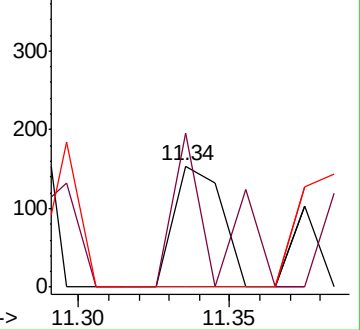
176 0.0 0.0 182.4

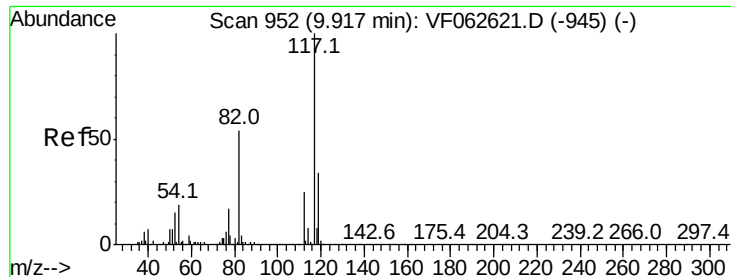


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

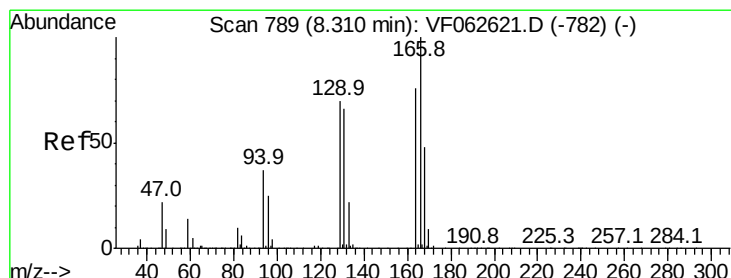
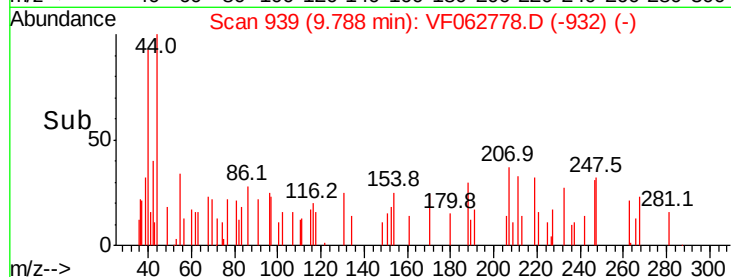
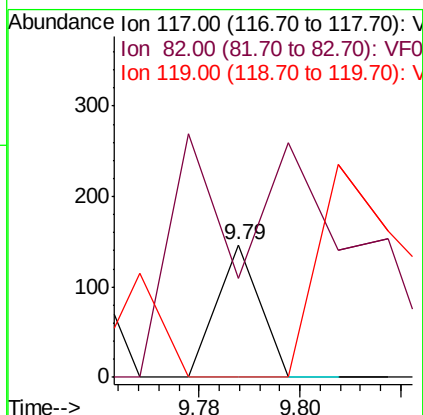
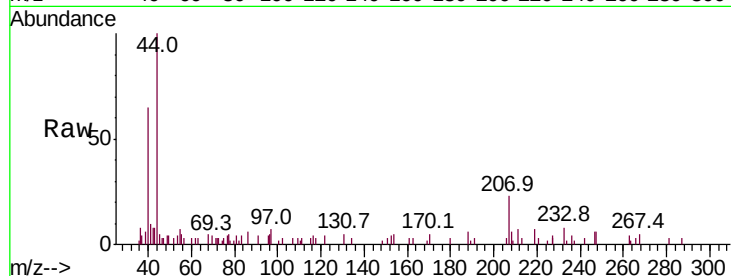




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 939
Delta R.T. -0.13 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

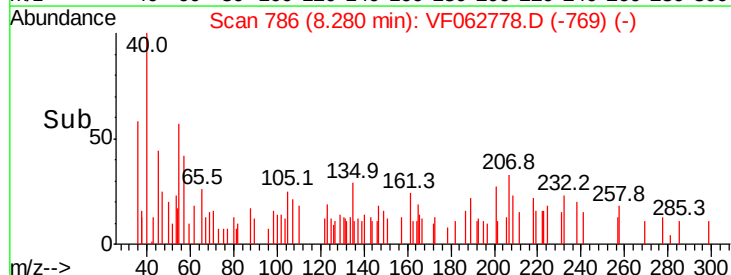
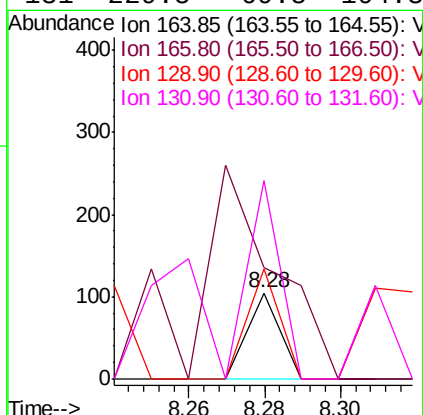
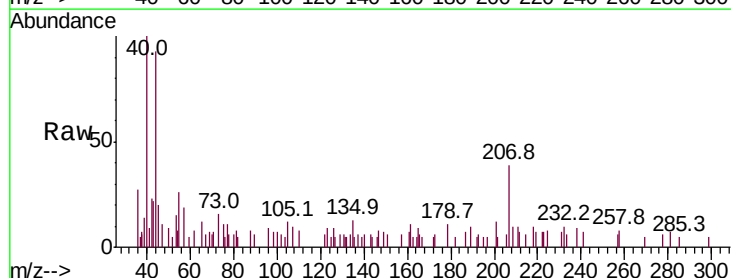
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

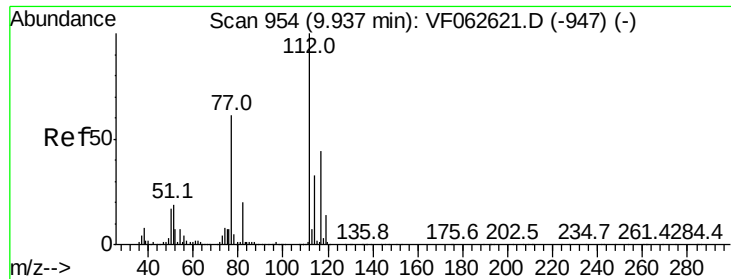
Tot Ion:117 Resp: 87
Ion Ratio Lower Upper
117 100
82 74.8 43.3 64.9#
119 0.0 27.4 41.0#



#64
Tetrachloroethene
Concen: 89.955 ug/l
RT: 8.28 min Scan# 786
Delta R.T. -0.03 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion:164 Resp: 62
Ion Ratio Lower Upper
164 100
166 129.5 105.5 158.3
129 127.6 73.8 110.6#
131 229.5 69.5 104.3#





#65

Chlorobenzene

Concen: 49.743 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

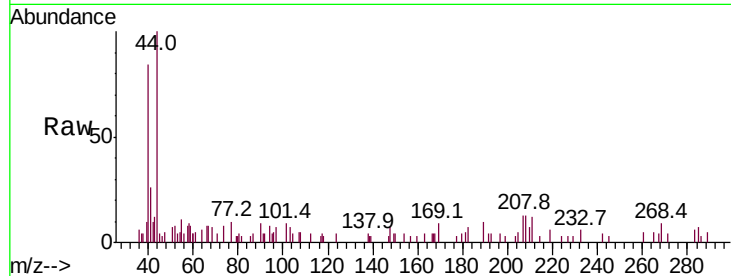
B-13-1.5-2.0RE

Tot Ion:112 Resp: 85

Ion Ratio Lower Upper

112 100

114 0.0 26.8 40.2#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.93

150

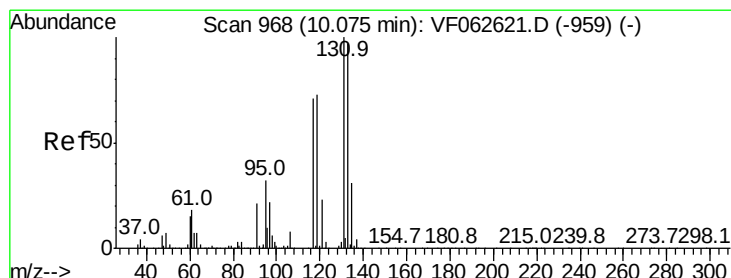
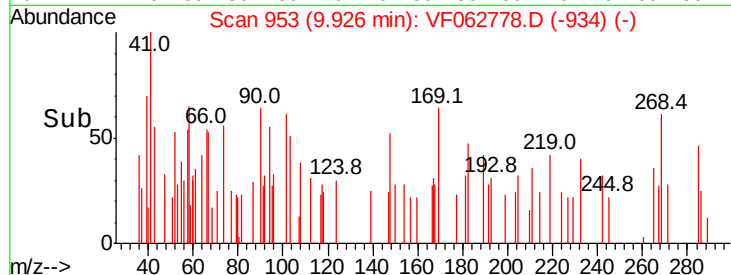
100

50

0

9.91 9.92 9.93 9.94

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 495.643 ug/l

RT: 10.11 min Scan# 972

Delta R.T. 0.04 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

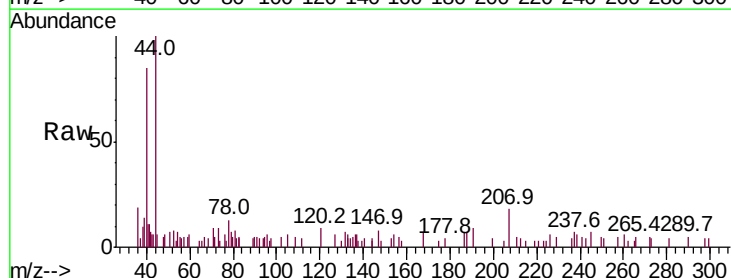
Tgt Ion:131 Resp: 340

Ion Ratio Lower Upper

131 100

133 59.1 48.5 145.5

119 0.0 36.8 110.4#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

600

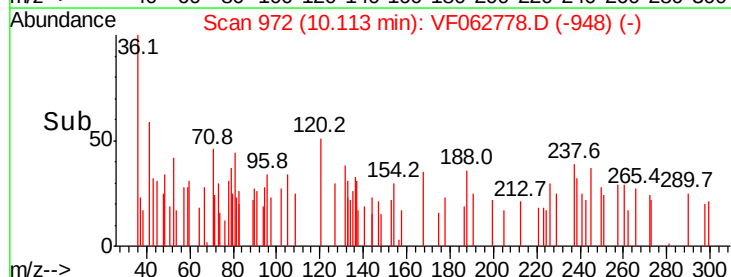
400

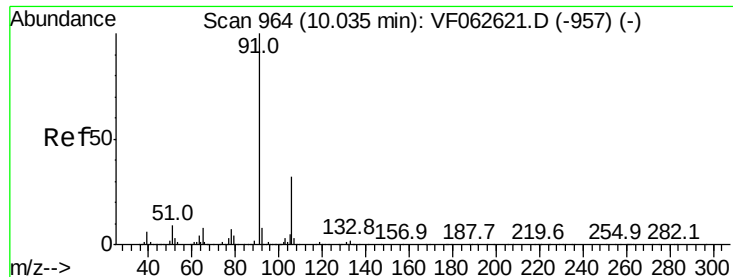
200

0

10.05 10.10

Time-->

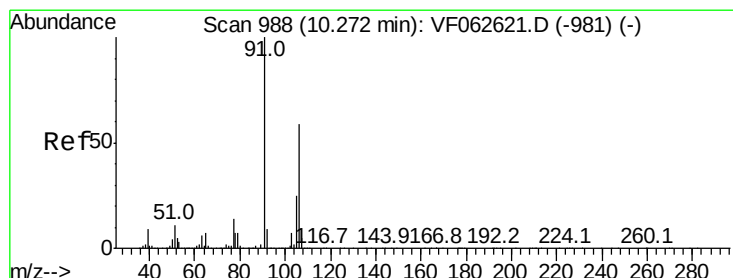
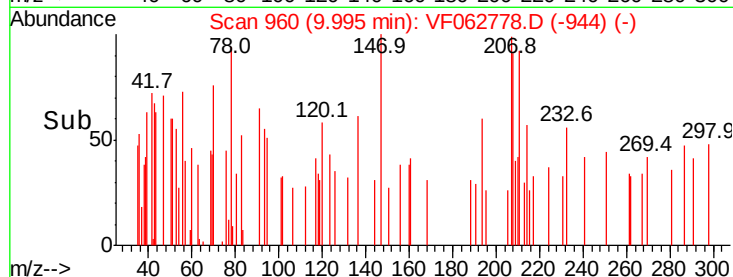
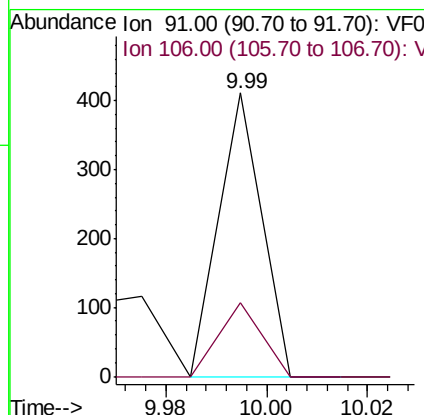
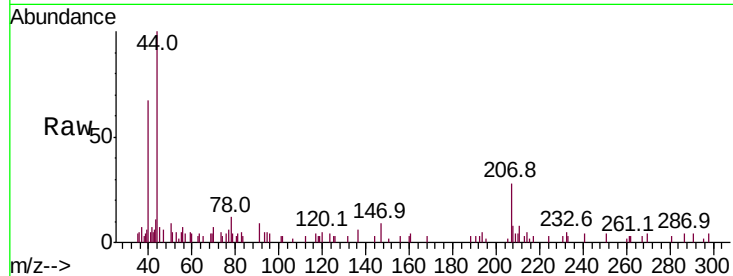




#67
Ethyl Benzene
Concen: 81.860 ug/l
RT: 9.99 min Scan# 960
Delta R.T. -0.04 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

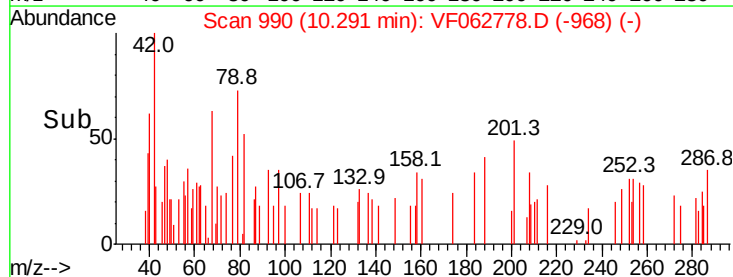
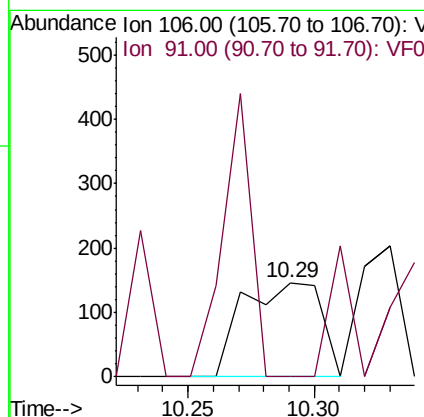
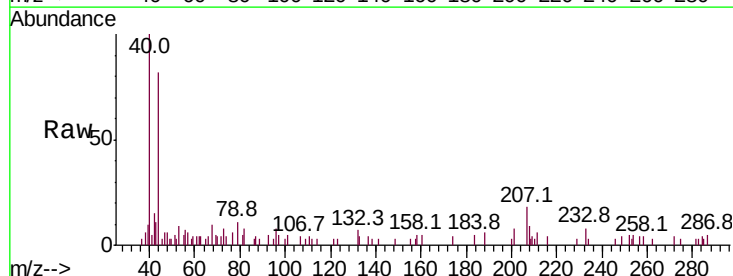
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

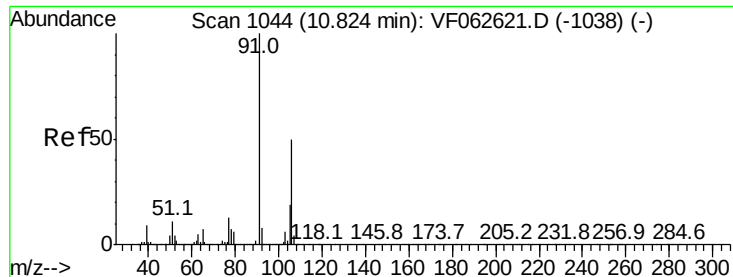
Tot Ion: 91 Resp: 243
Ion Ratio Lower Upper
91 100
106 26.0 25.8 38.8



#68
m/p-Xylenes
Concen: 281.440 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.02 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 106 Resp: 314
Ion Ratio Lower Upper
106 100
91 0.0 136.9 205.3#

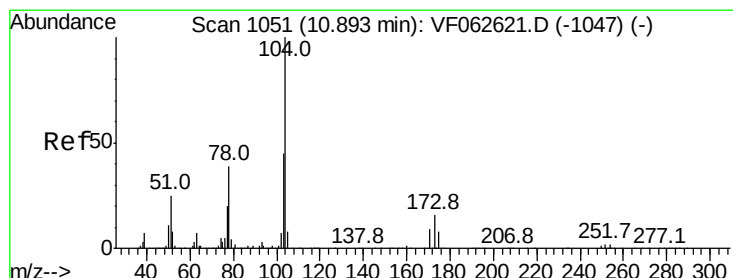
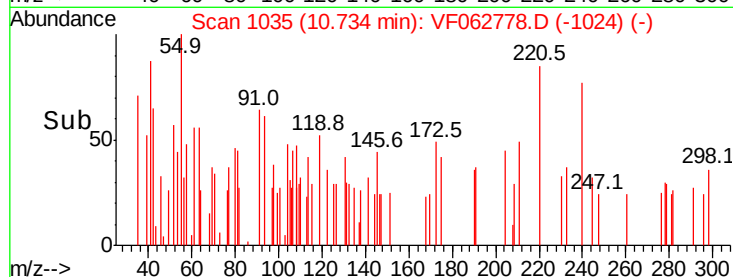
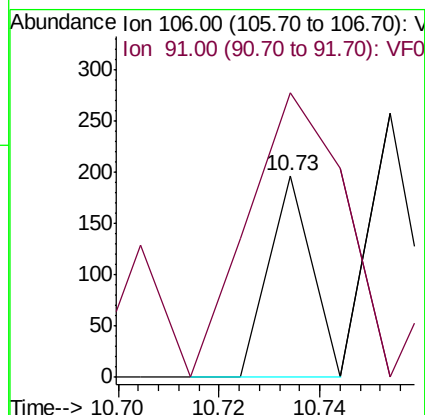
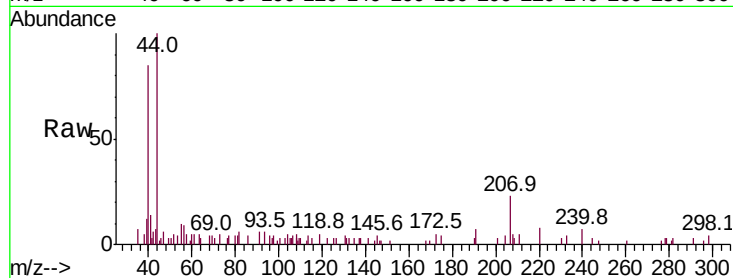




#69
o-Xylene
Concen: 100.942 ug/l
RT: 10.73 min Scan# 1035
Delta R.T. -0.09 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

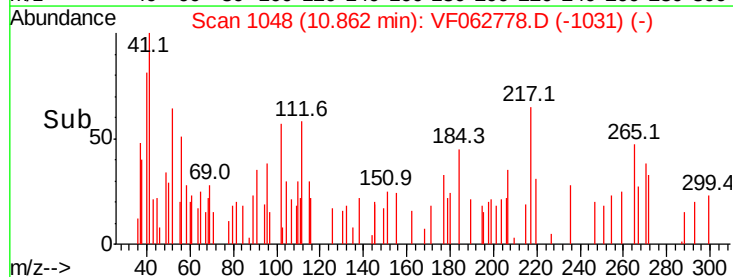
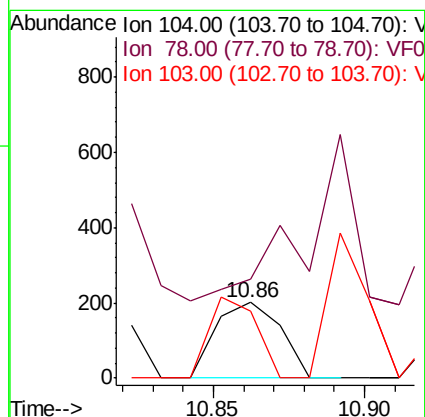
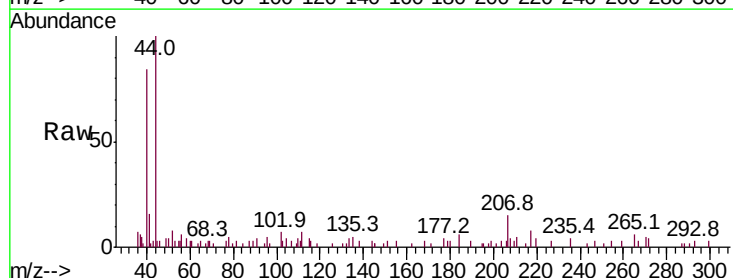
Instrument :
MSVOA_F
ClientSampled :
B-13-1.5-2.0RE

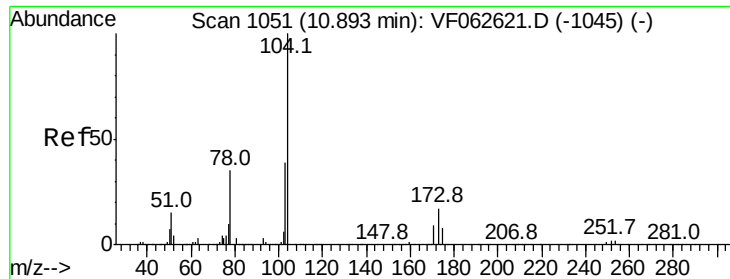
Tot Ion:106 Resp: 116
Ion Ratio Lower Upper
106 100
91 141.3 100.2 300.5



#70
Styrene
Concen: 172.328 ug/l
RT: 10.86 min Scan# 1048
Delta R.T. -0.03 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion:104 Resp: 301
Ion Ratio Lower Upper
104 100
78 131.8 31.9 47.9#
103 88.1 36.1 54.1#





#71

Bromoform

Concen: 509.367 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

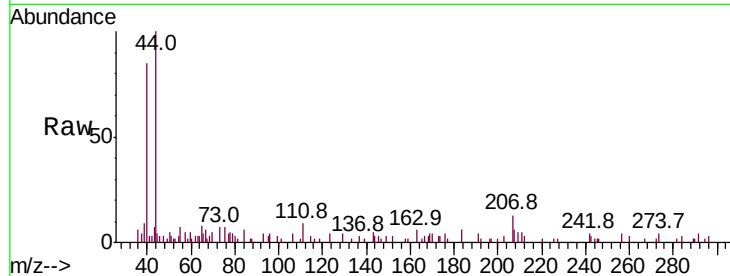
Tot Ion:173 Resp: 175

Ion Ratio Lower Upper

173 100

175 0.0 25.3 75.9#

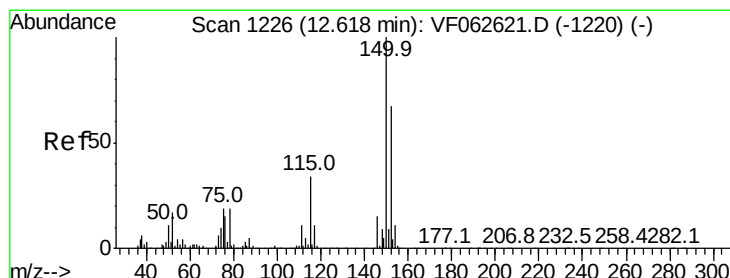
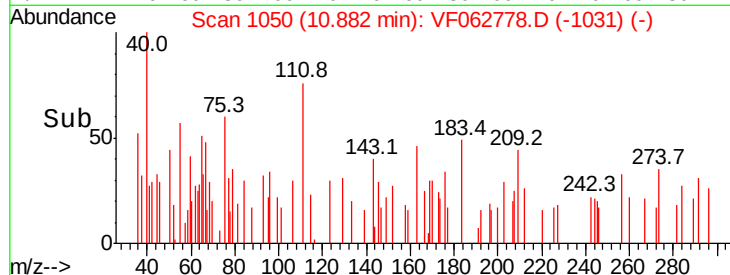
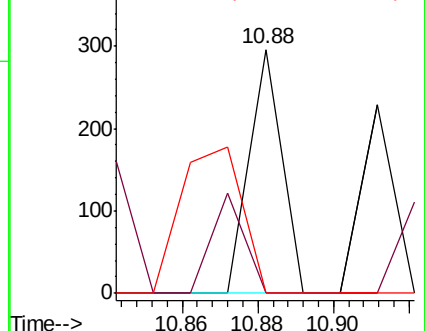
254 0.0 0.2 0.2#



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: 12.47 min Scan# 1211

Delta R.T. -0.15 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

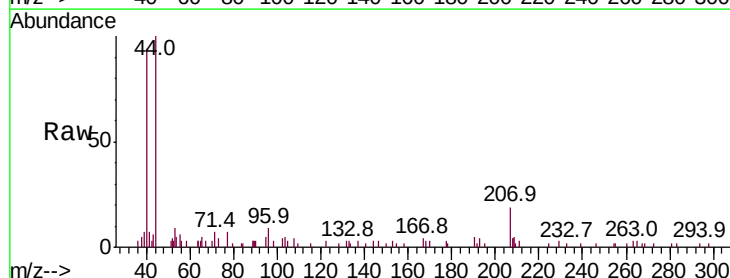
Tgt Ion:152 Resp: 100

Ion Ratio Lower Upper

152 100

115 64.5 25.2 75.6

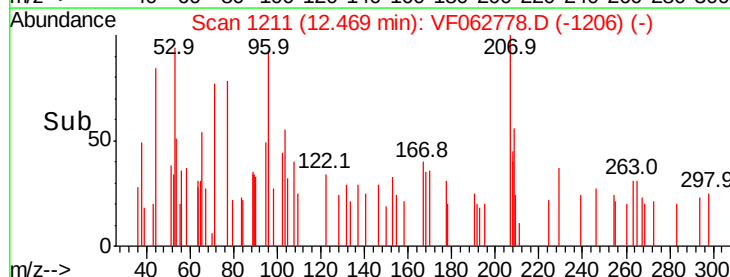
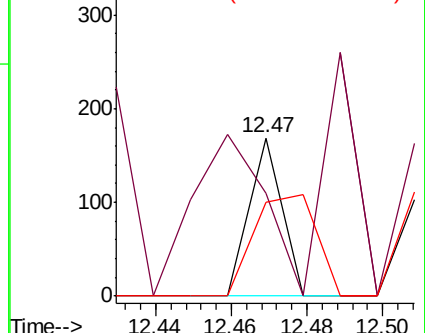
150 59.2 0.0 306.2

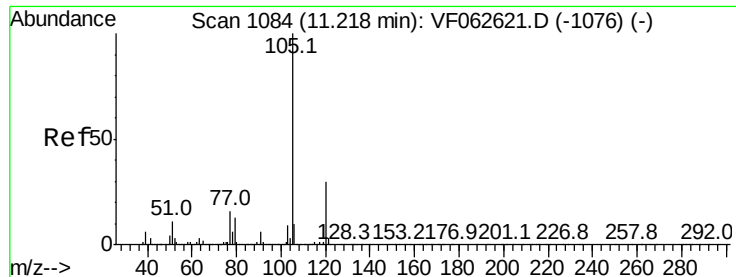


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 63.484 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

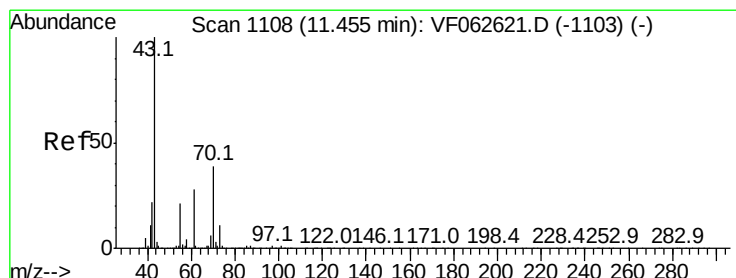
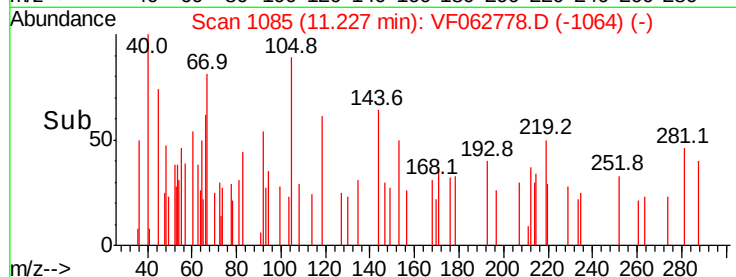
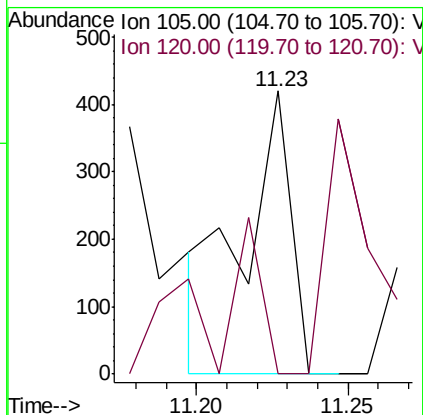
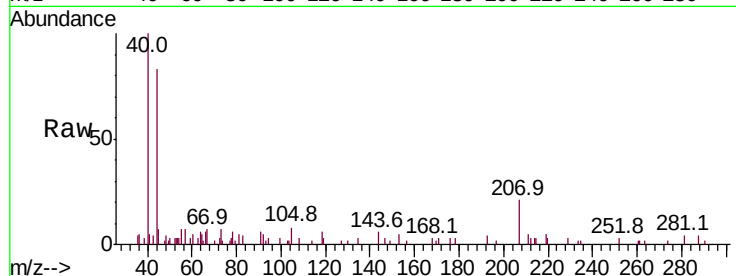
B-13-1.5-2.0RE

Tot Ion:105 Resp: 455

Ion Ratio Lower Upper

105 100

120 0.0 14.8 44.4#



#74

N-ethyl acetate

Concen: 293.316 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Tgt Ion: 43 Resp: 487

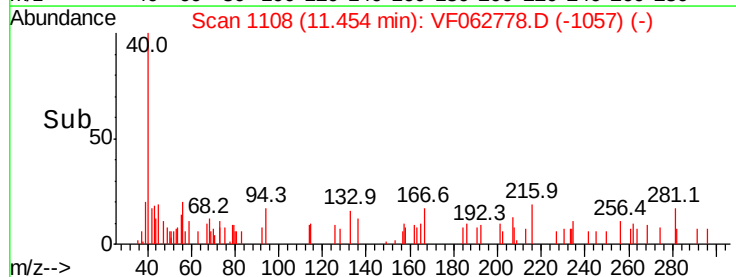
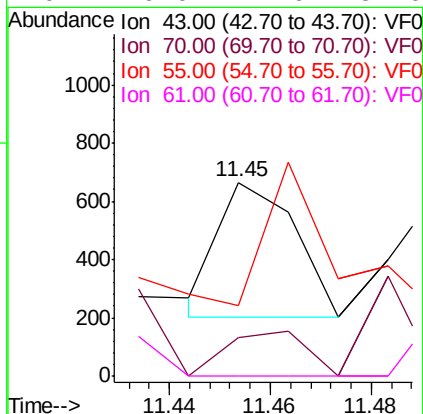
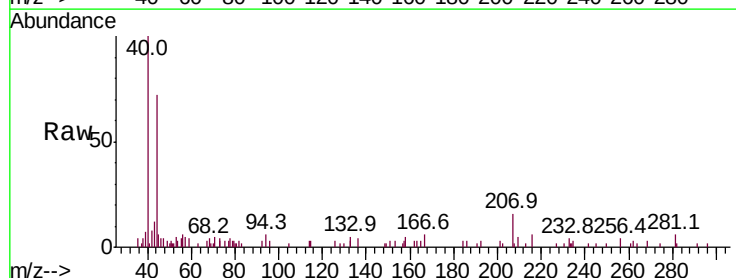
Ion Ratio Lower Upper

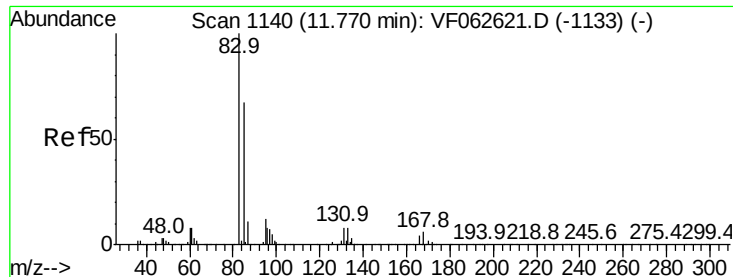
43 100

70 19.9 30.9 46.3#

55 36.6 17.0 25.4#

61 0.0 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 131.767 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampled :

B-13-1.5-2.0RE

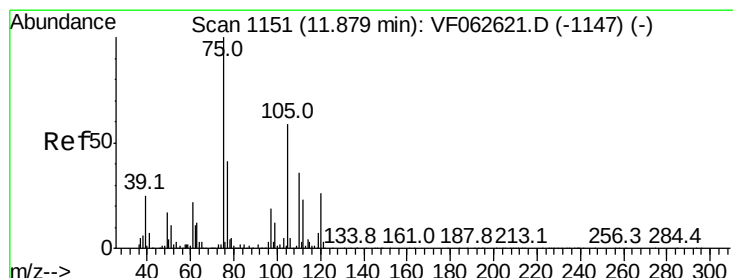
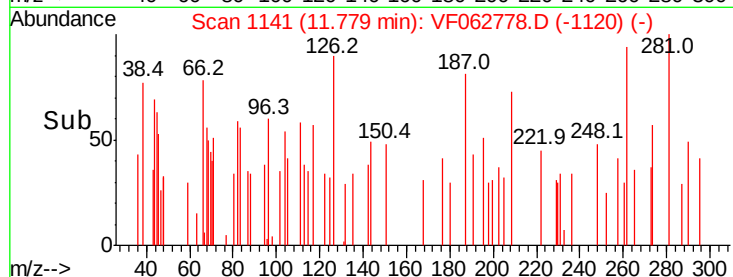
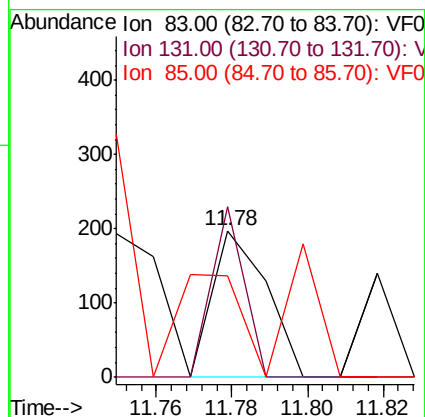
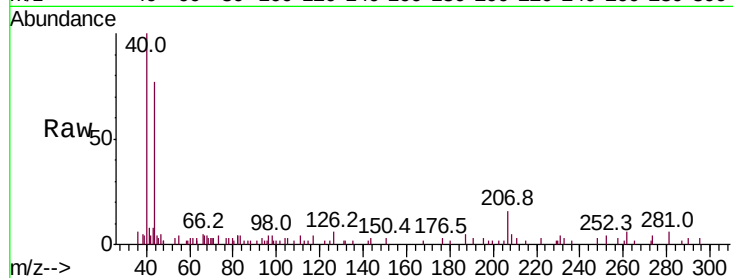
Tot Ion: 83 Resp: 193

Ion Ratio Lower Upper

83 100

131 116.8 4.0 12.0#

85 69.5 33.5 100.5



#76

1,2,3-Trichloropropane

Concen: 277.430 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.02 min

Lab File: VF062778.D

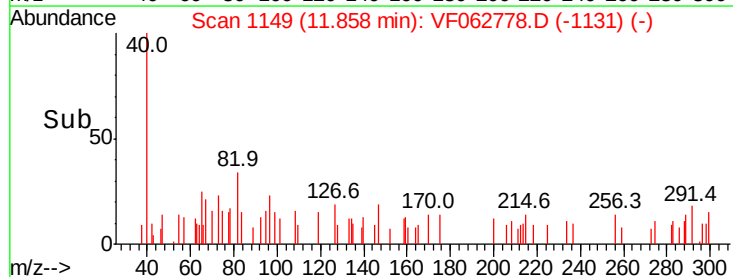
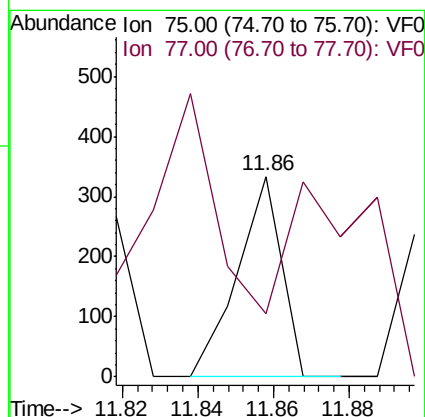
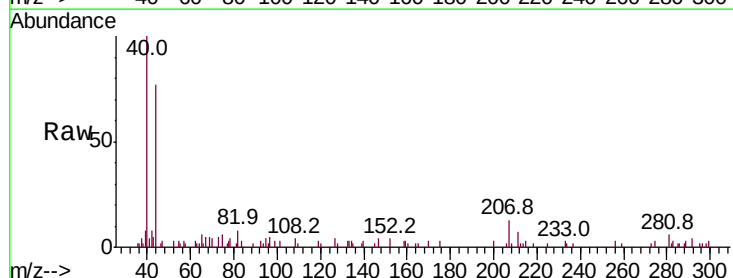
Acq: 29 May 2019 13:09

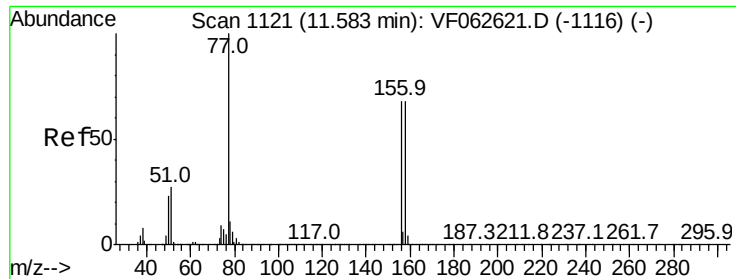
Tgt Ion: 75 Resp: 267

Ion Ratio Lower Upper

75 100

77 31.5 20.6 61.8

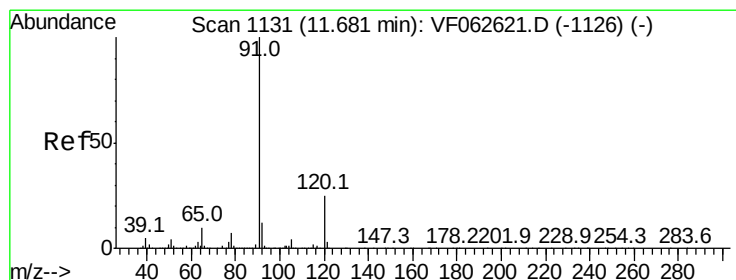
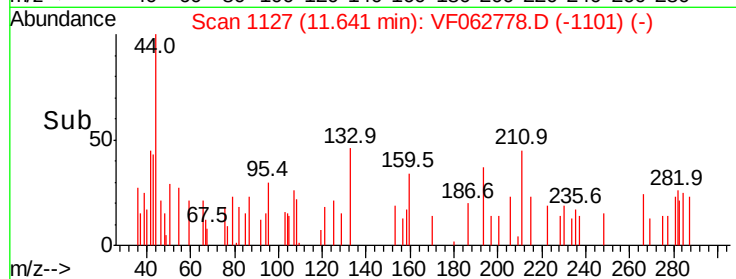
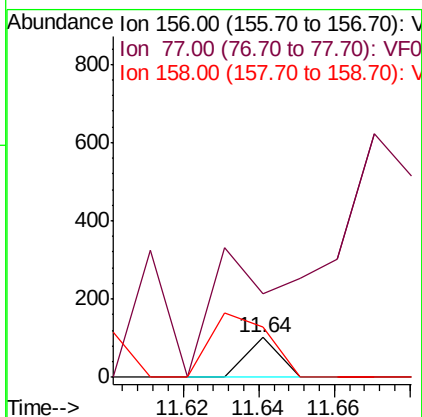
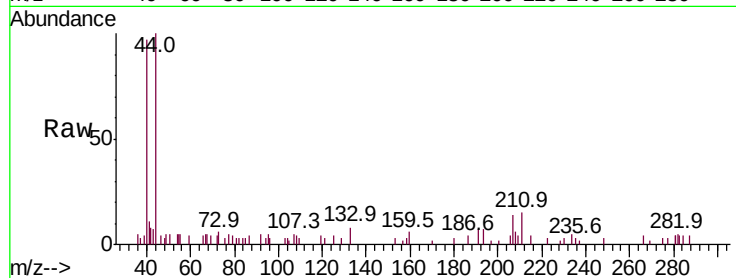




#77
Bromobenzene
Concen: 33.679 ug/l
RT: 11.64 min Scan# 1127
Delta R.T. 0.06 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

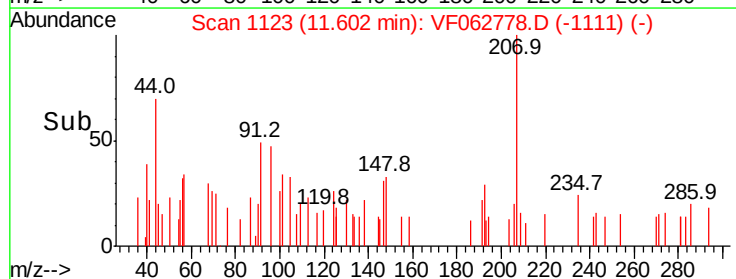
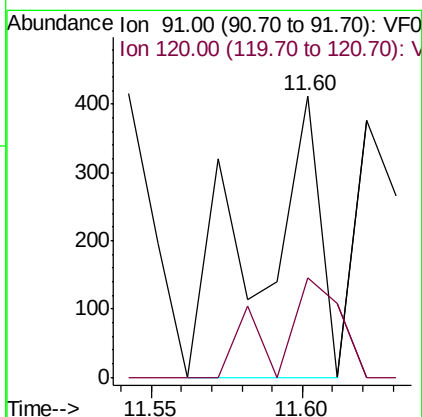
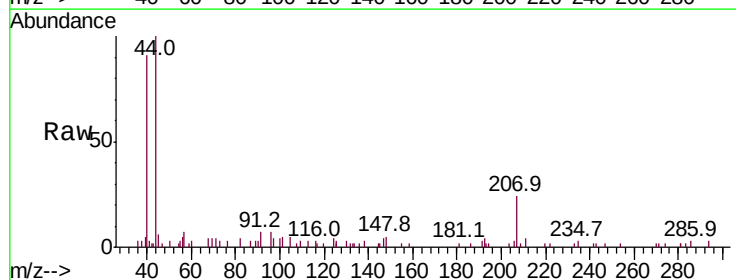
Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

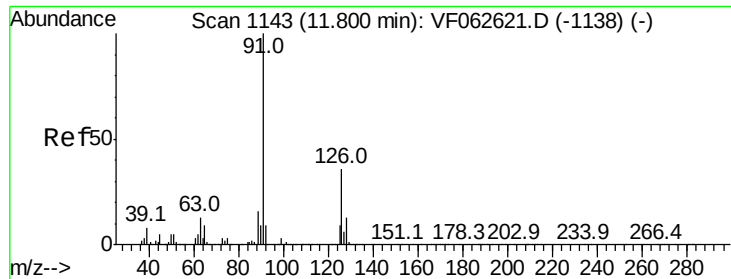
Tot Ion:156 Resp: 60
Ion Ratio Lower Upper
156 100
77 209.8 73.6 220.8
158 124.5 49.6 148.8



#78
n-propylbenzene
Concen: 68.497 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. -0.08 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion: 91 Resp: 581
Ion Ratio Lower Upper
91 100
120 35.4 12.7 38.1





#79

2-Chlorotoluene

Concen: 162.336 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

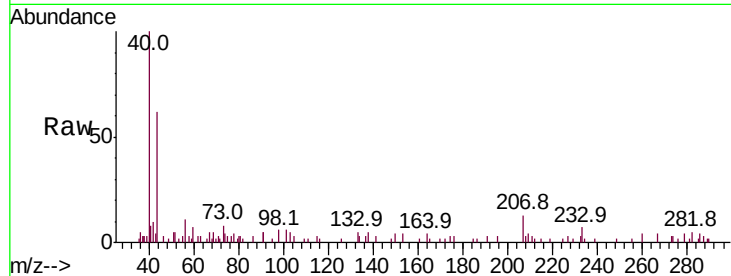
B-13-1.5-2.0RE

Tot Ion: 91 Resp: 776

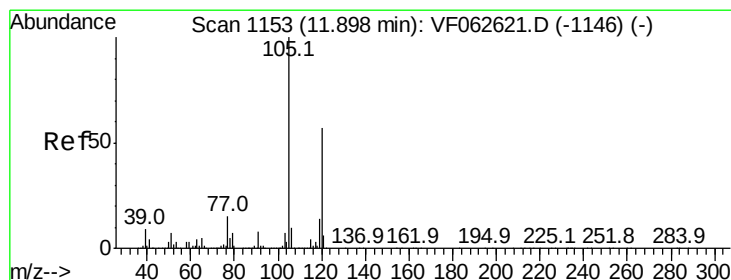
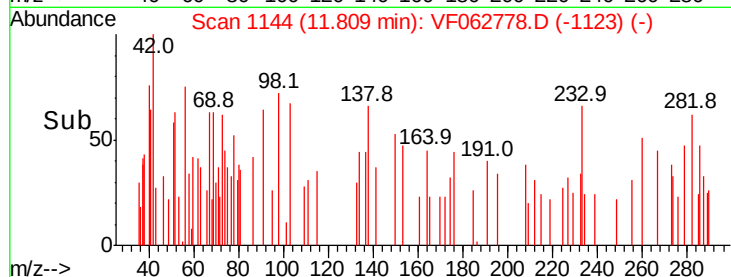
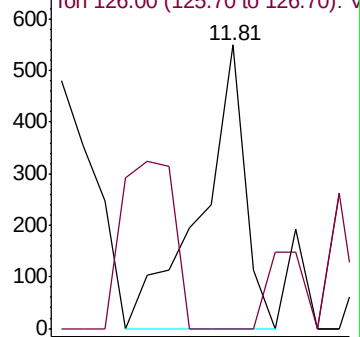
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0



#80

1,3,5-Trimethylbenzene

Concen: 25.579 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.01 min

Lab File: VF062778.D

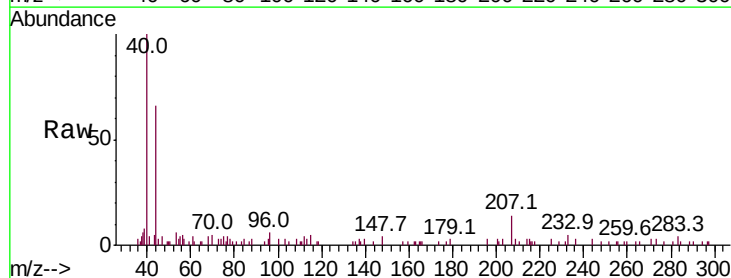
Acq: 29 May 2019 13:09

Tgt Ion:105 Resp: 147

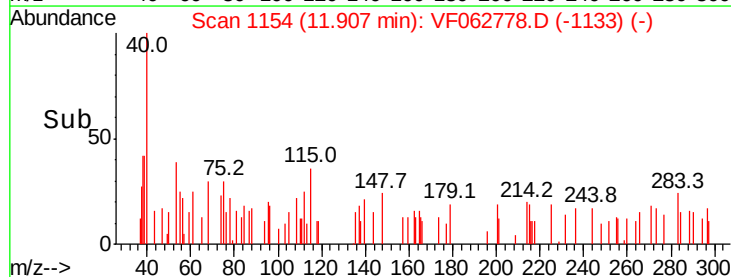
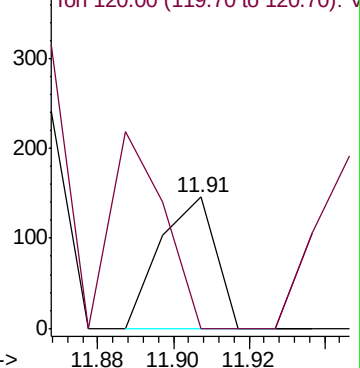
Ion Ratio Lower Upper

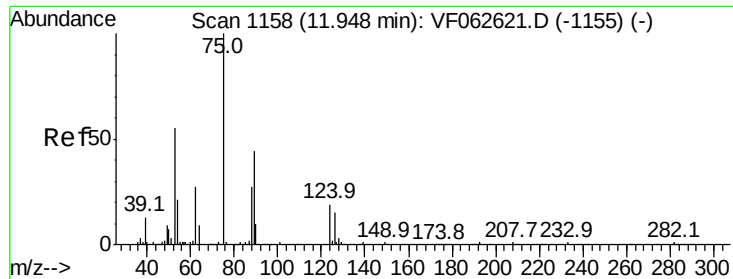
105 100

120 0.0 28.7 86.3#



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 738.671 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

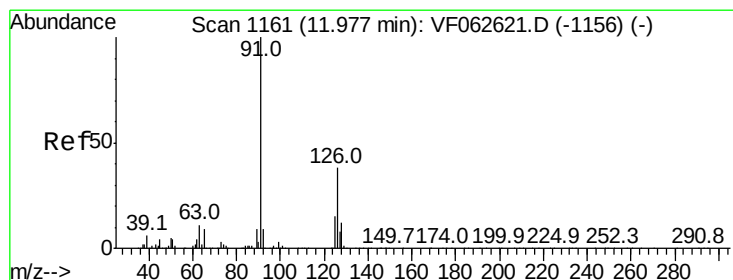
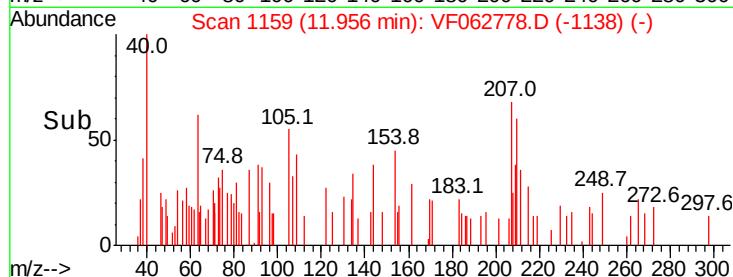
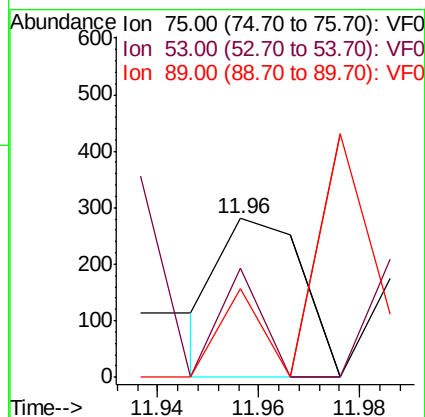
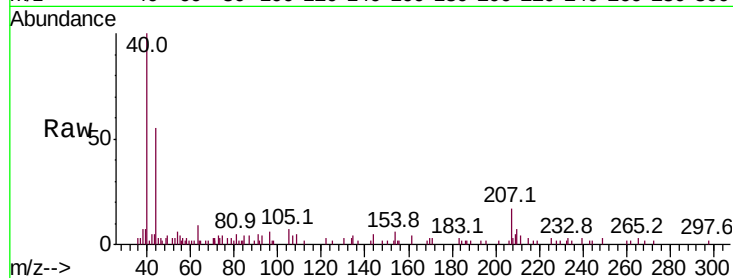
Tot Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

53 68.7 46.9 70.3

89 55.9 36.4 54.6#



#82

4-Chlorotoluene

Concen: 71.066 ug/l

RT: 12.00 min Scan# 1163

Delta R.T. 0.02 min

Lab File: VF062778.D

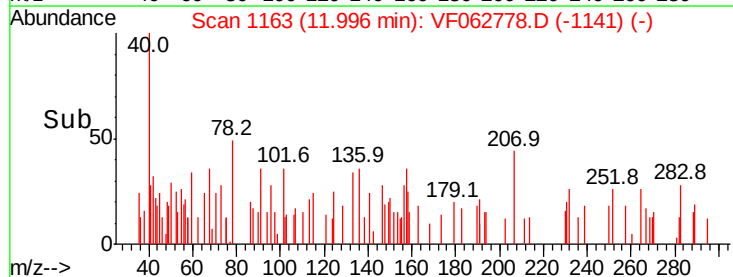
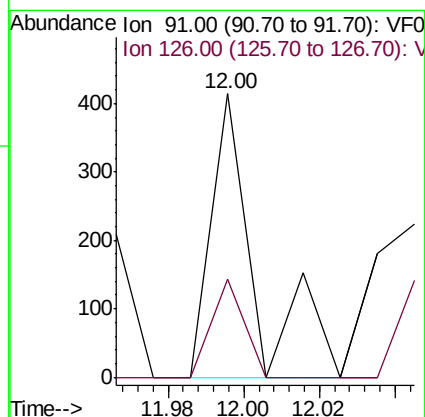
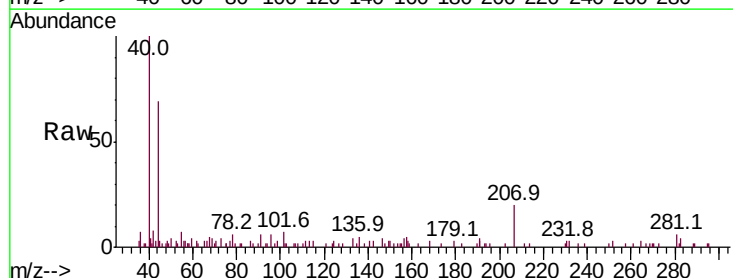
Acq: 29 May 2019 13:09

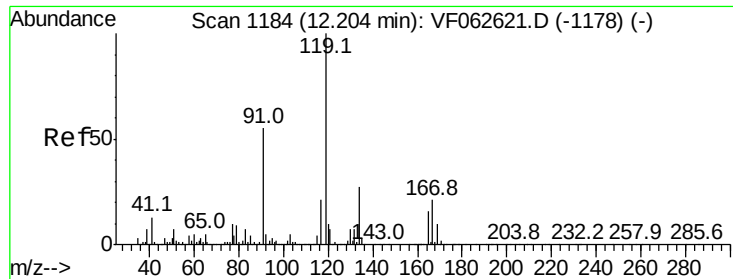
Tgt Ion: 91 Resp: 335

Ion Ratio Lower Upper

91 100

126 34.5 19.1 57.1





#83

tert-Butylbenzene

Concen: 78.208 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

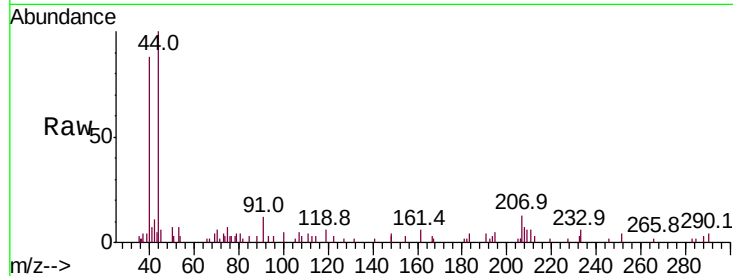
Tot Ion:119 Resp: 456

Ion Ratio Lower Upper

119 100

91 212.2 27.3 81.9#

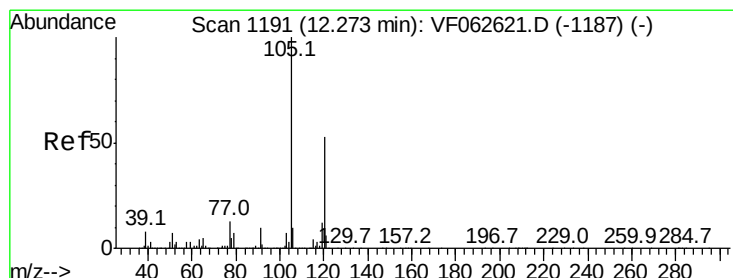
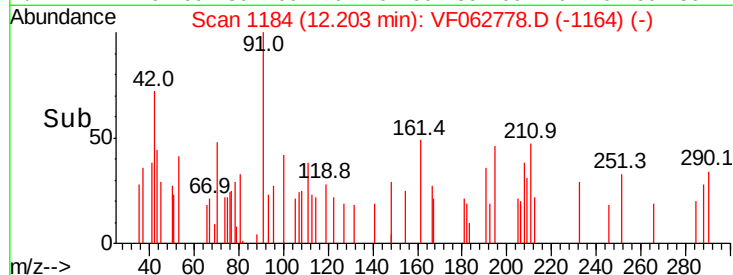
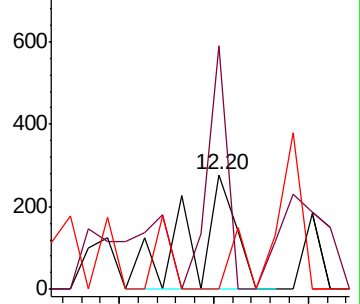
134 0.0 13.6 40.7#



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: 23.012 ug/l

RT: 12.33 min Scan# 1197

Delta R.T. 0.06 min

Lab File: VF062778.D

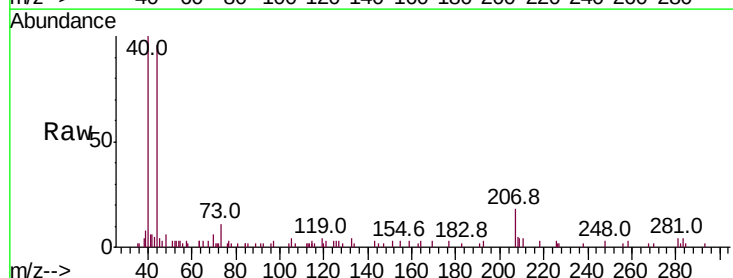
Acq: 29 May 2019 13:09

Tgt Ion:105 Resp: 128

Ion Ratio Lower Upper

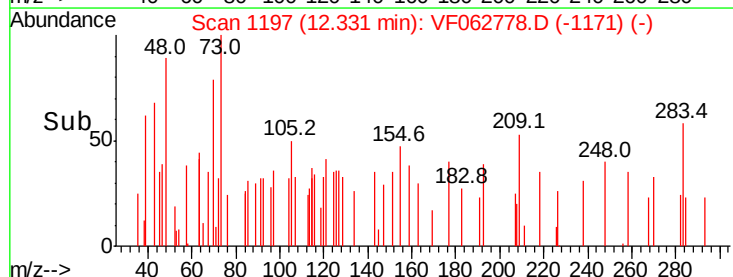
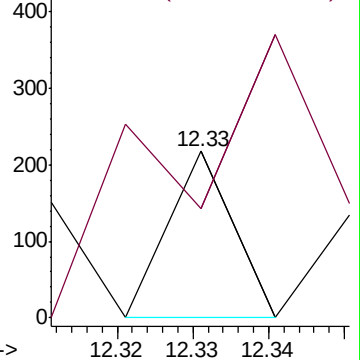
105 100

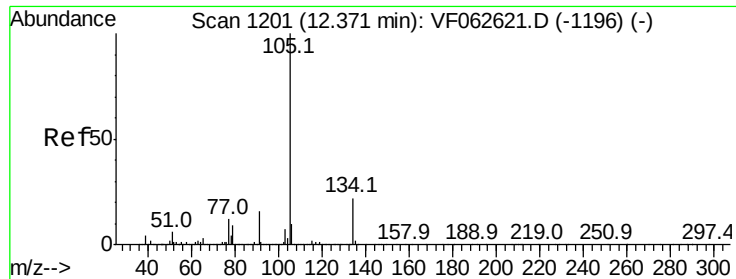
120 65.9 26.7 80.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

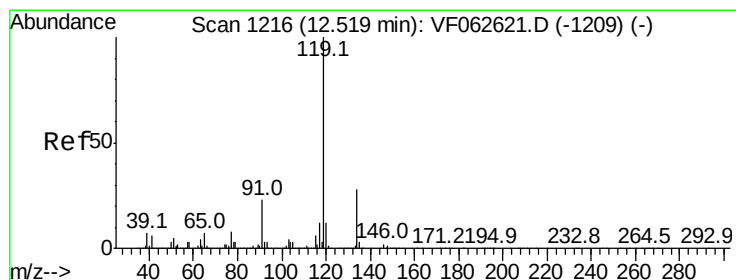
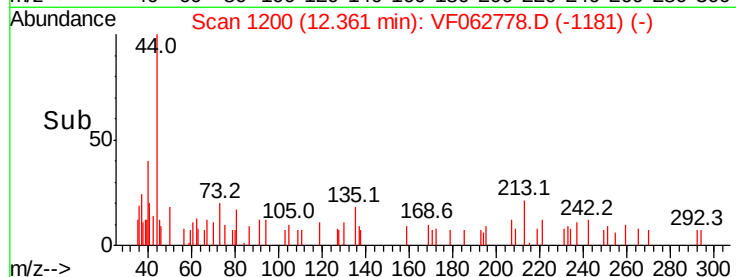
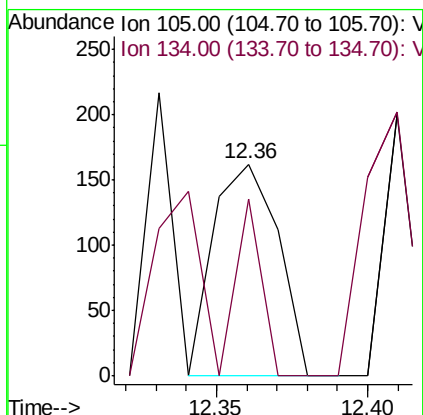
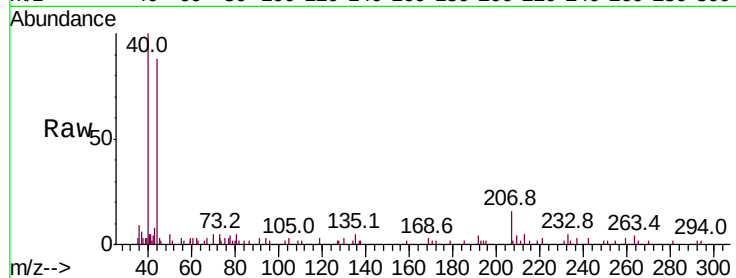




#85
 sec-Butylbenzene
 Concen: 31.055 ug/l
 RT: 12.36 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF062778.D
 Acq: 29 May 2019 13:09

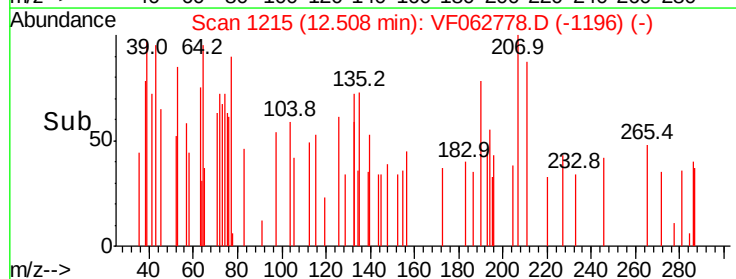
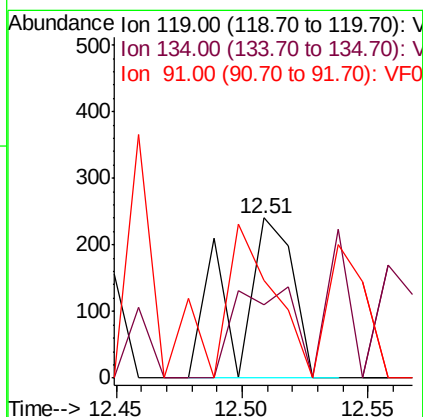
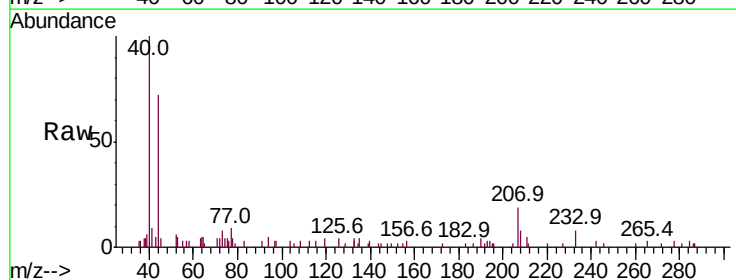
Instrument :
 MSVOA_F
 ClientSampleId :
 B-13-1.5-2.0RE

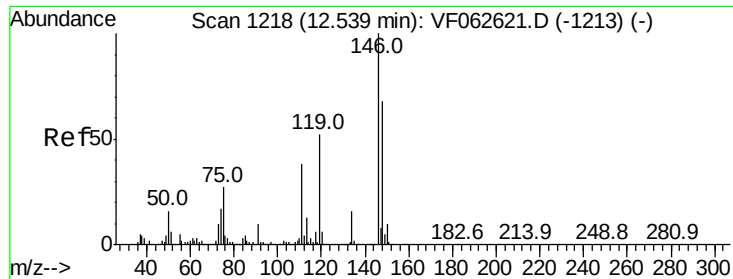
Tot Ion:105 Resp: 243
 Ion Ratio Lower Upper
 105 100
 134 83.3 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 58.232 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: VF062778.D
 Acq: 29 May 2019 13:09

Tgt Ion:119 Resp: 384
 Ion Ratio Lower Upper
 119 100
 134 45.8 14.1 42.3#
 91 61.3 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 39.402 ug/l

RT: 12.58 min Scan# 1222

Delta R.T. 0.04 min

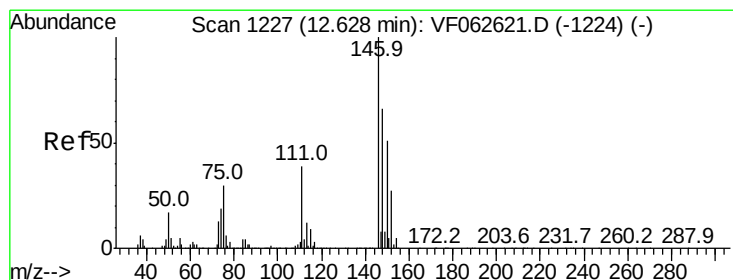
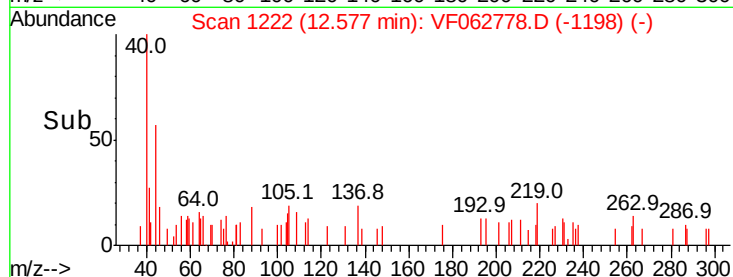
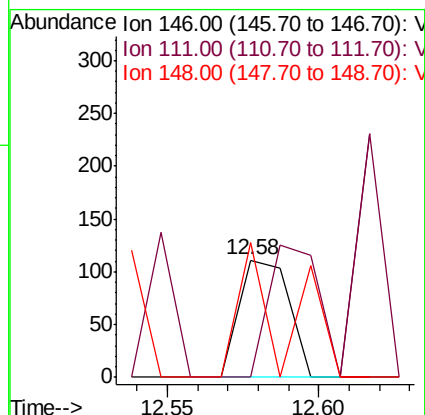
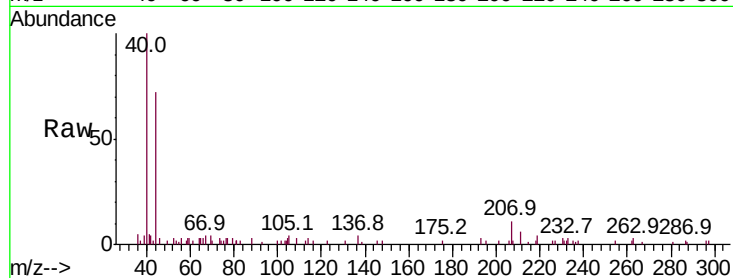
Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
B-13-1.5-2.0RE

Tot Ion:146 Resp: 127

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.9#
148	115.3	34.0	101.8#



#88

1,4-Dichlorobenzene

Concen: 41.988 ug/l

RT: 12.58 min Scan# 1222

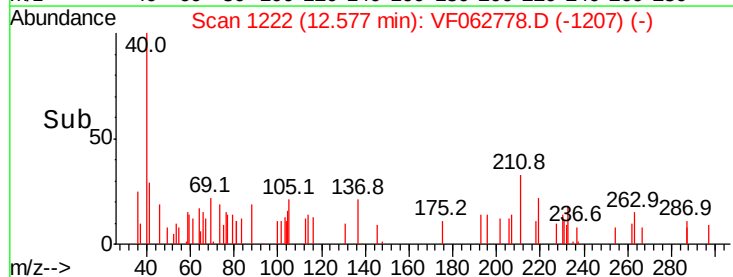
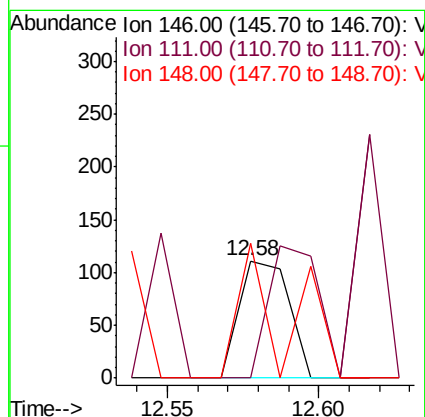
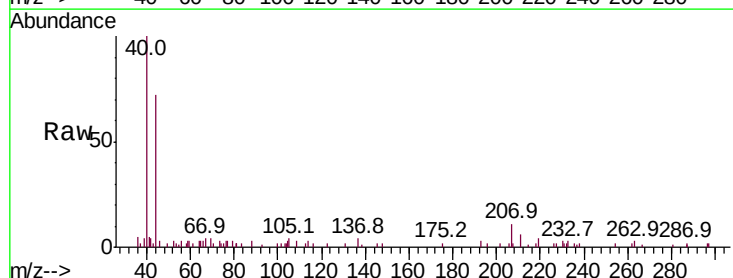
Delta R.T. -0.05 min

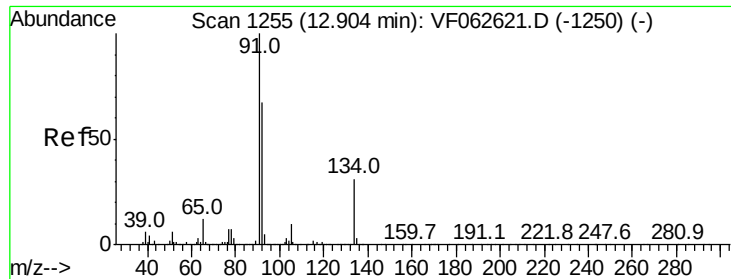
Lab File: VF062778.D

Acq: 29 May 2019 13:09

Tgt Ion:146 Resp: 127

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	115.3	33.2	99.6#





#89

n-Butylbenzene

Concen: 31.069 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

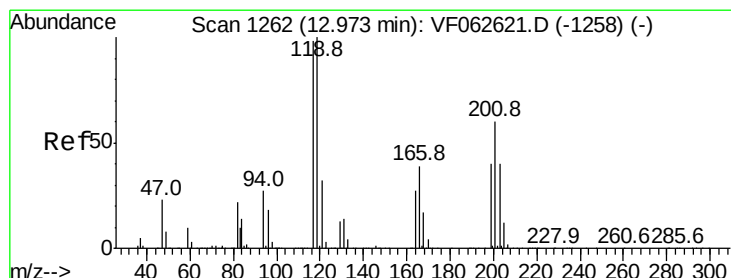
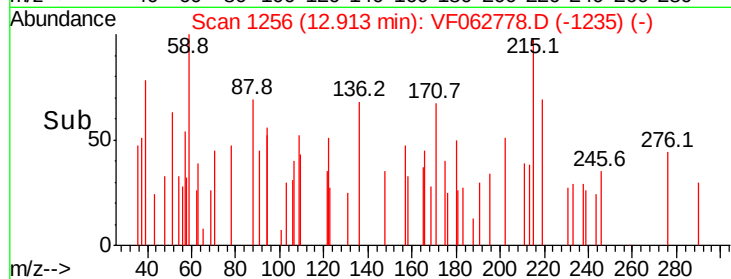
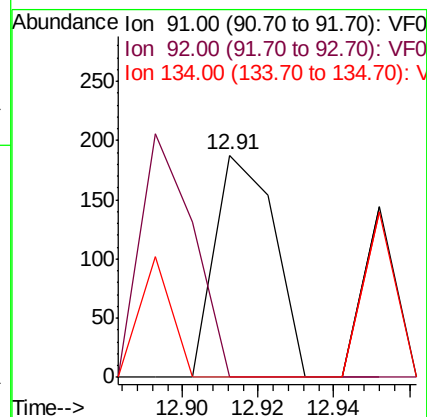
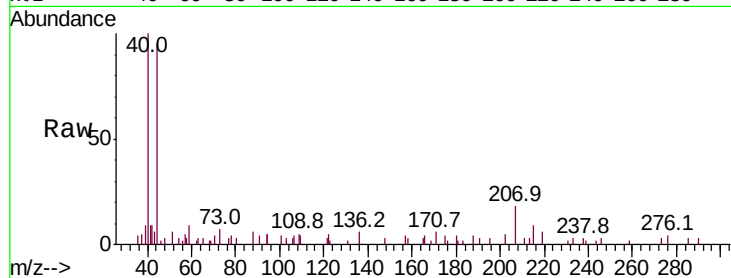
Tot Ion: 91 Resp: 202

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

134 0.0 15.4 46.4#



#90

Hexachloroethane

Concen: 138.441 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.02 min

Lab File: VF062778.D

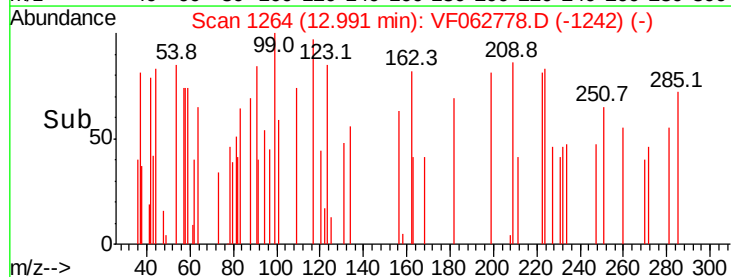
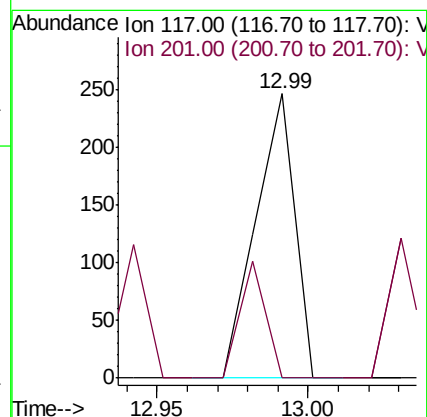
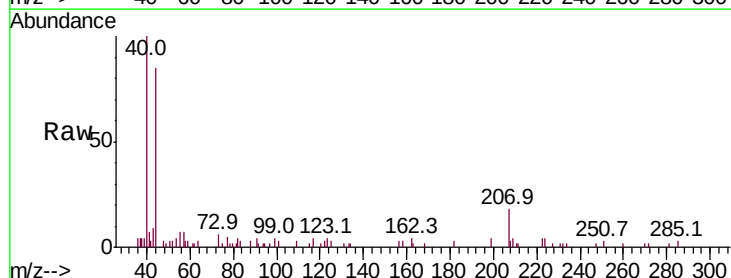
Acq: 29 May 2019 13:09

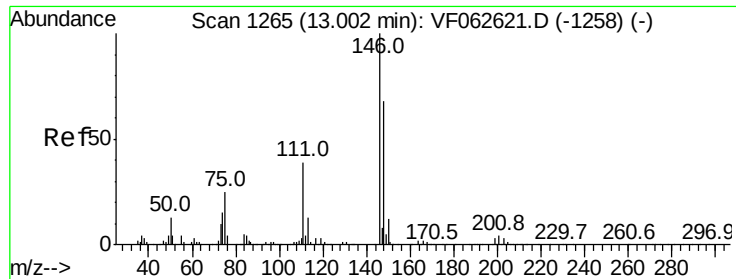
Tgt Ion: 117 Resp: 219

Ion Ratio Lower Upper

117 100

201 0.0 30.7 92.1#





#91

1,2-Dichlorobenzene

Concen: 20.883 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

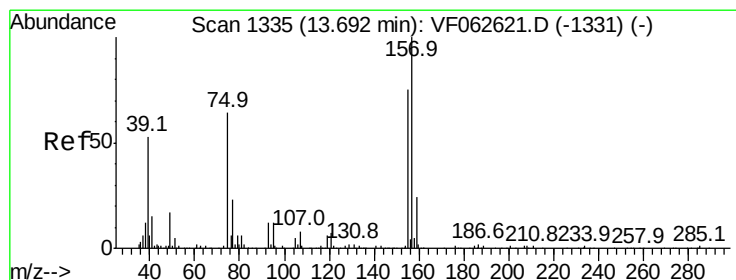
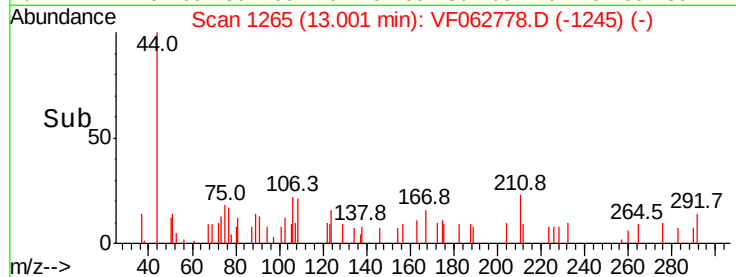
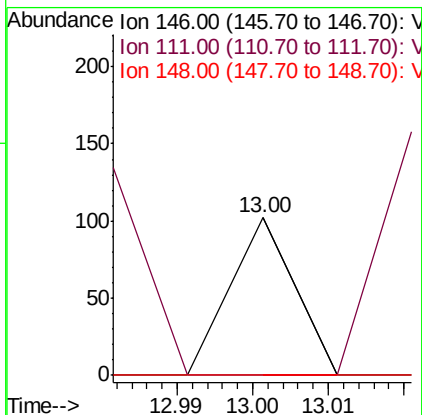
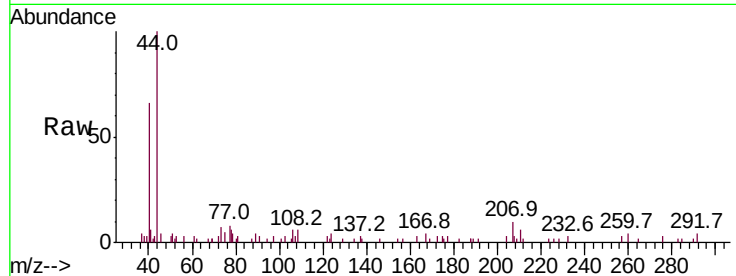
Instrument :

MSVOA_F

ClientSampleId :

B-13-1.5-2.0RE

Tot Ion:	146	Resp:	60
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.3#
148	0.0	34.1	102.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2775.646 ug/l

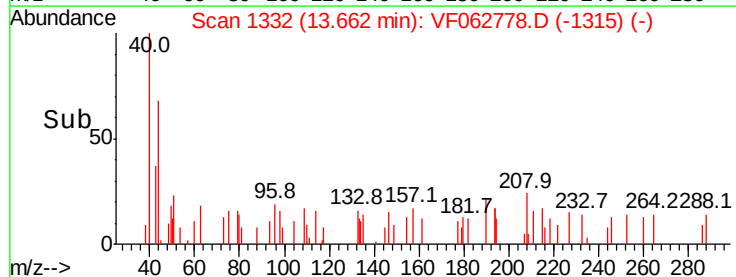
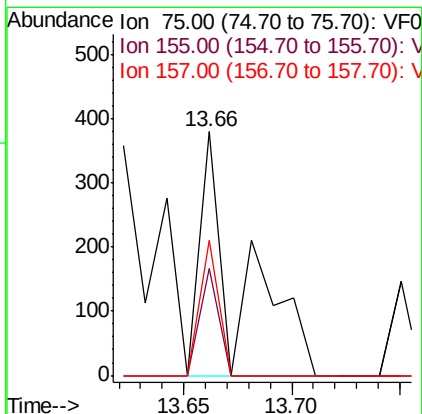
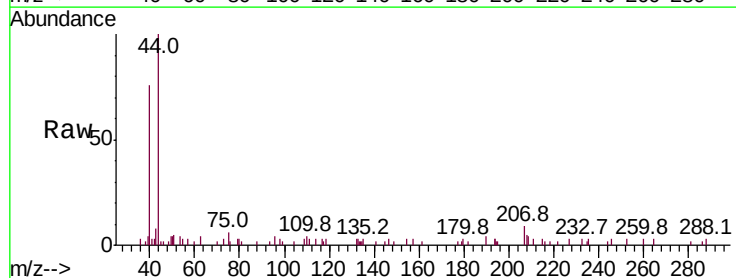
RT: 13.66 min Scan# 1332

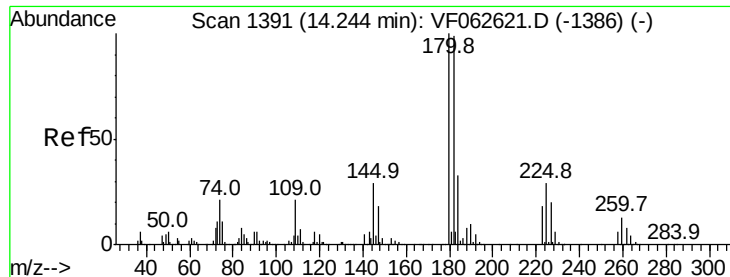
Delta R.T. -0.03 min

Lab File: VF062778.D

Acq: 29 May 2019 13:09

Tgt Ion:	75	Resp:	485
Ion	Ratio	Lower	Upper
75	100		
155	43.9	58.1	174.3#
157	55.3	77.8	233.4#

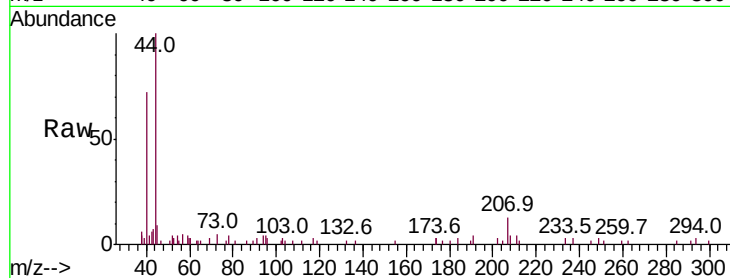




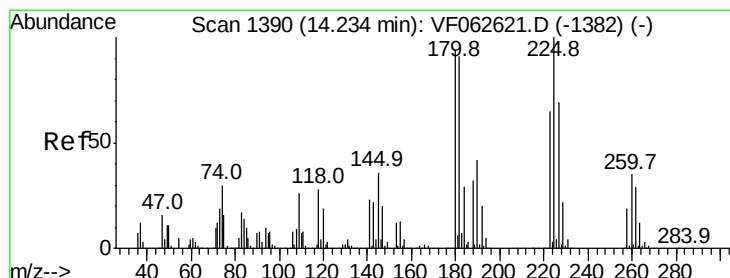
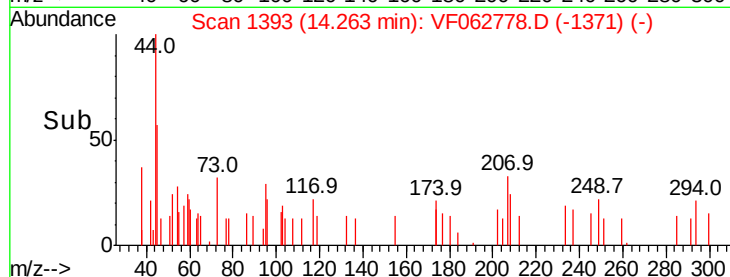
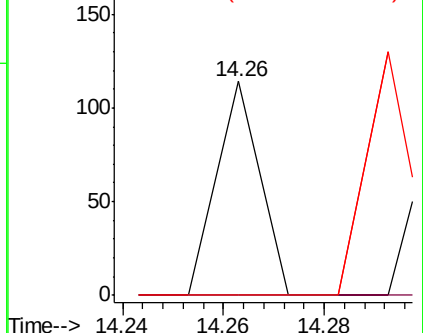
#93
 1,2,4-Trichlorobenzene
 Concen: 32.579 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.02 min
 Lab File: VF062778.D
 Acq: 29 May 2019 13:09

Instrument :
 MSVOA_F
 ClientSampleId :
 B-13-1.5-2.0RE

Tot Ion:180 Resp: 67
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.7 149.1#
 145 0.0 14.6 44.0#

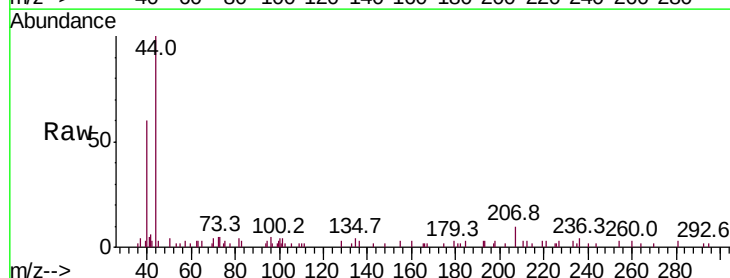


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

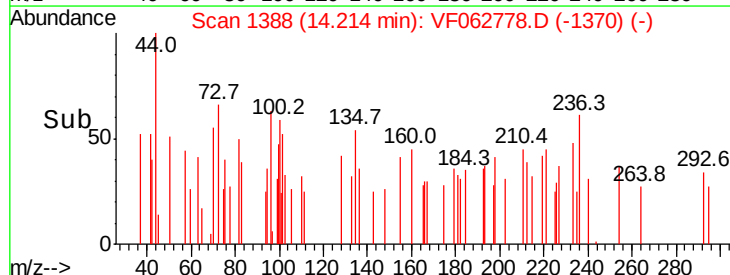
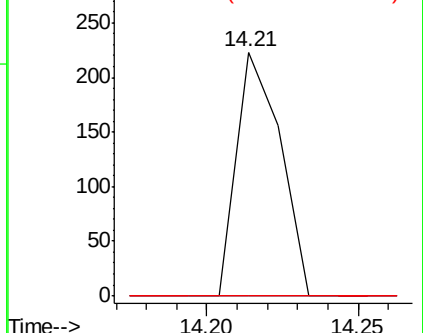


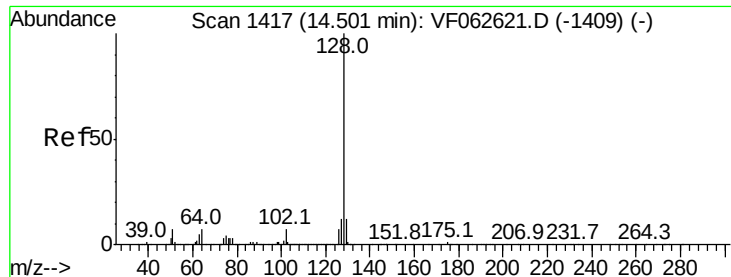
#94
 Hexachlorobutadiene
 Concen: 156.074 ug/l
 RT: 14.21 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: VF062778.D
 Acq: 29 May 2019 13:09

Tgt Ion:225 Resp: 224
 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

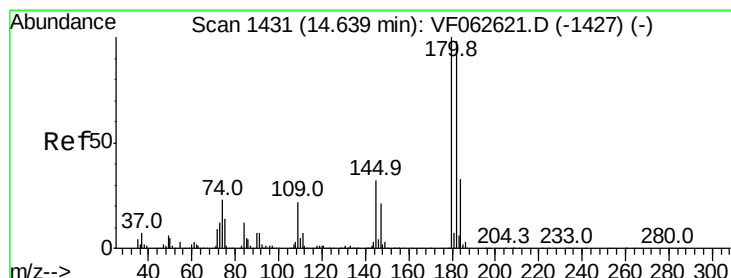
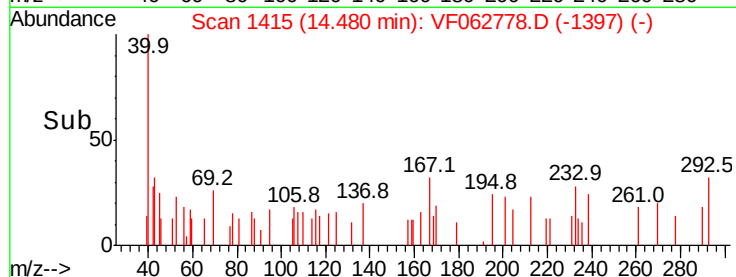
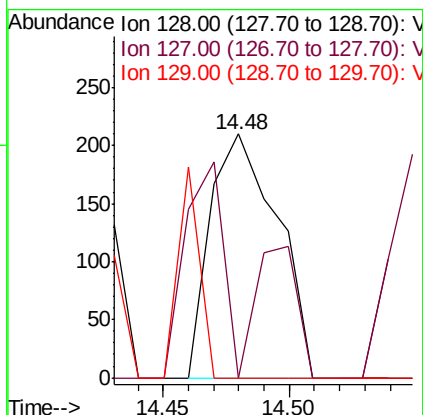
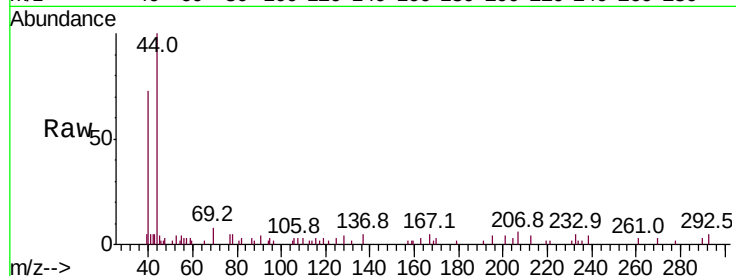




#95
Naphthalene
Concen: 104.117 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Instrument :
MSVOA_F
ClientSampled :
B-13-1.5-2.0RE

Tot Ion:128 Resp: 389
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 9.3 13.9#



#96
1,2,3-Trichlorobenzene
Concen: 77.515 ug/l
RT: 14.61 min Scan# 1428
Delta R.T. -0.03 min
Lab File: VF062778.D
Acq: 29 May 2019 13:09

Tgt Ion:180 Resp: 151
Ion Ratio Lower Upper
180 100
182 125.0 48.9 146.7
145 0.0 16.1 48.2#

