

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062369.D
 Acq On : 7 May 2019 20:40
 Operator : FY/SY
 Sample : K2668-01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Quant Time: May 08 01:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	10373	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	8890	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	4643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	652	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	1749	17.84	ug/l	-0.02
Spiked Amount			Recovery	=	35.68%	
35) Dibromofluoromethane	4.29	113	1771	25.01	ug/l	-0.02
Spiked Amount			Recovery	=	50.02%	
50) Toluene-d8	7.70	98	7408	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	
62) 4-Bromofluorobenzene	11.48	95	2228	28.80	ug/l	0.00
Spiked Amount			Recovery	=	57.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.02	85	140	1.166	ug/l #	1
3) Chloromethane	1.17	50	337	4.256	ug/l #	42
5) Bromomethane	1.43	94	706	9.831	ug/l #	3
6) Chloroethane	1.55	64	93	2.342	ug/l #	44
8) Diethyl Ether	1.84	74	135	5.445	ug/l	93
11) Tert butyl alcohol	2.68	59	66	11.913	ug/l #	70
12) 1,1-Dichloroethene	1.86	96	99	1.245	ug/l #	1
13) Acrolein	2.07	56	360	91.758	ug/l #	1
14) Allyl chloride	2.20	41	1075	15.302	ug/l #	15
15) Acrylonitrile	3.11	53	160	15.246	ug/l #	1
16) Acetone	2.32	43	742	37.417	ug/l #	62
18) Methyl Acetate	2.43	43	976	25.450	ug/l #	58
19) Methyl tert-butyl Ether	2.53	73	362	2.205	ug/l #	61
20) Methylene Chloride	2.38	84	170	2.369	ug/l #	1
21) trans-1,2-Dichloroethene	2.41	96	219	2.890	ug/l #	15
22) Diisopropyl ether	2.93	45	533	2.428	ug/l #	32
23) Vinyl Acetate	3.31	43	854	8.727	ug/l #	79
25) 2-Butanone	4.47	43	337	13.527	ug/l #	60
26) 2,2-Dichloropropane	3.63	77	613	8.272	ug/l	93
27) cis-1,2-Dichloroethene	3.64	96	239	2.523	ug/l #	10
28) Bromochloromethane	3.72	49	67	1.113	ug/l #	1
29) Tetrahydrofuran	4.24	42	631	55.108	ug/l #	36
30) Chloroform	4.03	83	180	1.004	ug/l #	19
31) Cyclohexane	3.86	56	293	2.766	ug/l #	58
37) Ethyl Acetate	4.31	43	591	16.325	ug/l #	64
39) Methylcyclohexane	5.54	83	99	1.293	ug/l #	14
40) Benzene	4.76	78	518	3.080	ug/l #	1
41) Methacrylonitrile	4.92	41	1053	57.504	ug/l #	58
42) 1,2-Dichloroethane	5.31	62	80	1.137	ug/l #	82
43) Isopropyl Acetate	7.11	43	1170	33.683	ug/l #	63
44) Trichloroethene	5.69	130	64	1.036	ug/l	2
45) 1,2-Dichloropropane	6.38	63	152	3.991	ug/l #	43
46) Dibromomethane	6.21	93	60	1.900	ug/l #	23
47) Bromodichloromethane	6.48	83	88	1.114	ug/l #	27

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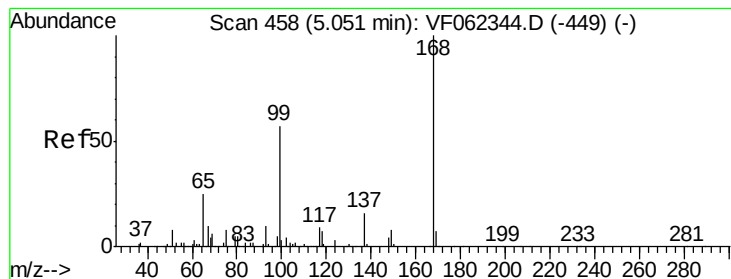
Instrument :
 MSVOA_F
 ClientSampleId :
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Quant Time: May 08 01:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Methyl methacrylate	6.89	41	174	7.088	ug/l #	1
49) 1,4-Dioxane	6.81	88	65	247.627	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	854	32.445	ug/l #	53
53) t-1,3-Dichloropropene	8.41	75	175	2.930	ug/l #	55
54) cis-1,3-Dichloropropene	7.39	75	154	2.216	ug/l #	78
55) 1,1,2-Trichloroethane	8.67	97	89	2.702	ug/l #	46
56) Ethyl methacrylate	8.72	69	173	4.976	ug/l #	13
57) 1,3-Dichloropropane	9.01	76	72	1.447	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.42	63	70	6.697	ug/l #	42
59) 2-Hexanone	9.38	43	588	32.301	ug/l	76
60) Dibromochloromethane	8.83	129	63	1.170	ug/l #	11
61) 1,2-Dibromoethane	9.08	107	72	1.860	ug/l #	3
64) Tetrachloroethene	8.06	164	61	1.618	ug/l #	1
65) Chlorobenzene	9.91	112	146	1.901	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.87	131	61	1.574	ug/l #	1
67) Ethyl Benzene	10.02	91	530	3.940	ug/l #	47
68) m/p-Xylenes	10.24	106	342	6.891	ug/l #	61
69) o-Xylene	10.79	106	79	1.473	ug/l #	1
73) Isopropylbenzene	11.20	105	465	12.030	ug/l	82
74) N-amyl acetate	11.49	43	574	69.171	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	11.76	83	74	12.227	ug/l #	22
76) 1,2,3-Trichloropropane	11.87	75	444	96.159	ug/l #	100
77) Bromobenzene	11.60	156	228	22.476	ug/l #	1
78) n-propylbenzene	11.65	91	713	17.326	ug/l	83
79) 2-Chlorotoluene	11.79	91	472	18.445	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.04	105	184	5.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	115	66.259	ug/l #	1
82) 4-Chlorotoluene	12.12	91	304	12.028	ug/l	77
83) tert-Butylbenzene	12.29	119	450	12.639	ug/l	82
84) 1,2,4-Trimethylbenzene	12.25	105	235	7.088	ug/l	96
85) sec-Butylbenzene	12.27	105	555	12.806	ug/l	93
86) p-Isopropyltoluene	12.52	119	339	8.419	ug/l #	50
87) 1,3-Dichlorobenzene	12.55	146	172	9.284	ug/l #	1
88) 1,4-Dichlorobenzene	12.62	146	62	3.467	ug/l #	46
89) n-Butylbenzene	13.07	91	397	11.082	ug/l	72
90) Hexachloroethane	12.97	117	160	15.915	ug/l #	3
91) 1,2-Dichlorobenzene	13.02	146	62	3.457	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	118	87.030	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.99	180	62	3.855	ug/l #	1
94) Hexachlorobutadiene	14.16	225	81	6.756	ug/l #	18
95) Naphthalene	14.46	128	1312	54.255	ug/l #	60
96) 1,2,3-Trichlorobenzene	14.61	180	73	4.685	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.03 min

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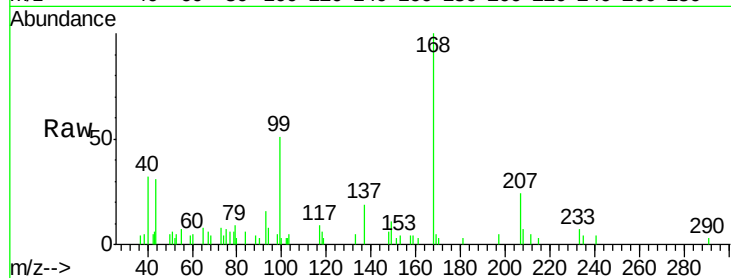
TP-1

Tot Ion:168 Resp: 10373

Ion Ratio Lower Upper

168 100

99 50.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.02

4000

3000

2000

1000

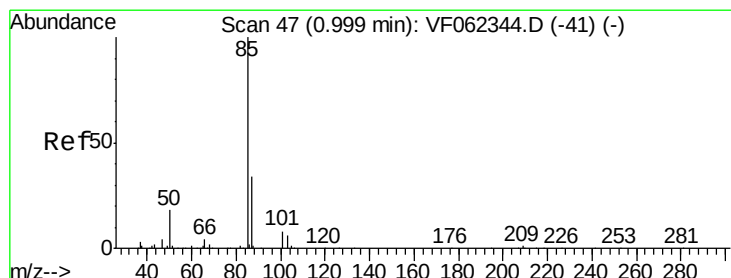
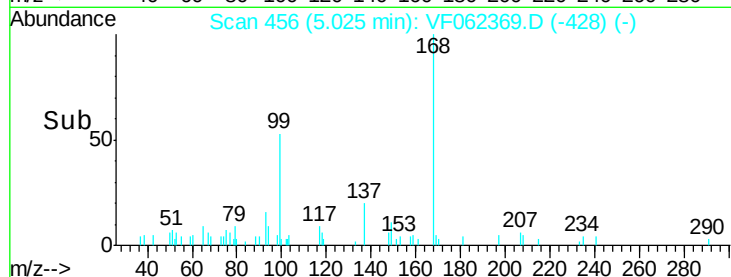
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Time-->

4.90

5.00

5.10



#2

Dichlorodifluoromethane

Concen: 1.166 ug/l

RT: 1.02 min Scan# 50

Delta R.T. 0.02 min

Lab File: VF062369.D

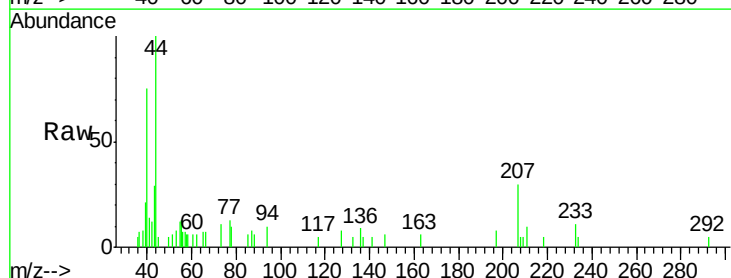
Acq: 7 May 2019 20:40

Tgt Ion: 85 Resp: 140

Ion Ratio Lower Upper

85 100

87 132.5 16.8 50.4#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

200

150

100

50

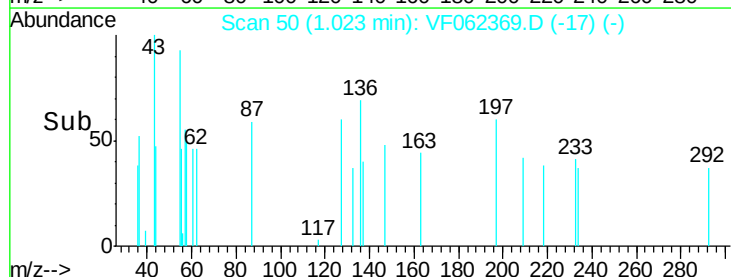
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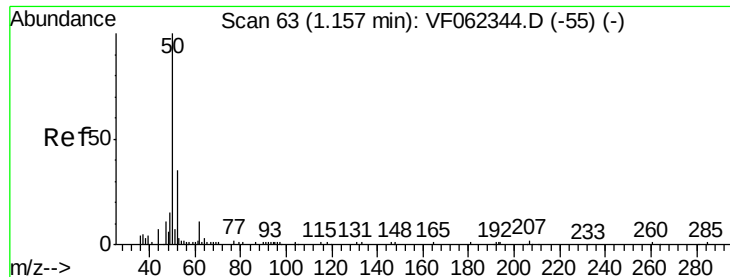
Time-->

1.00

1.02

1.04





#3

Chloromethane

Concen: 4.256 ug/l

RT: 1.17 min Scan# 65

Delta R.T. 0.01 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

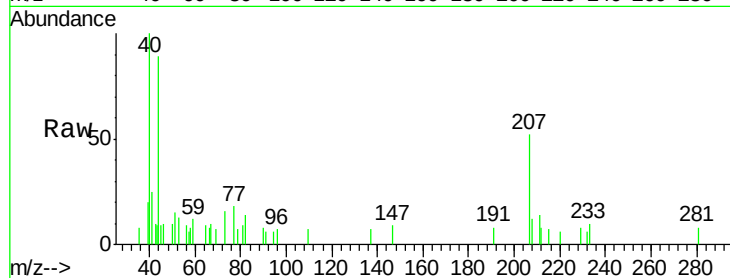
TP-1

Tot Ion: 50 Resp: 337

Ion Ratio Lower Upper

50 100

52 0.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

1.17

1.16 1.18 1.20 1.22

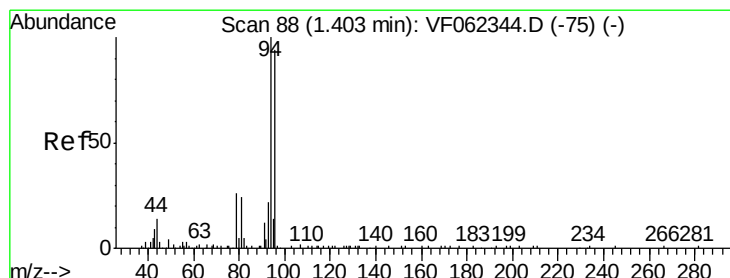
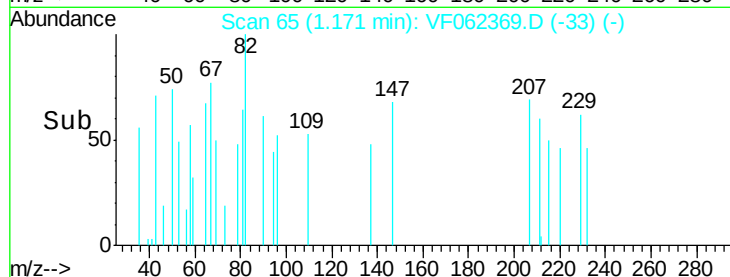
150

100

50

0

Time-->



#5

Bromomethane

Concen: 9.831 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.02 min

Lab File: VF062369.D

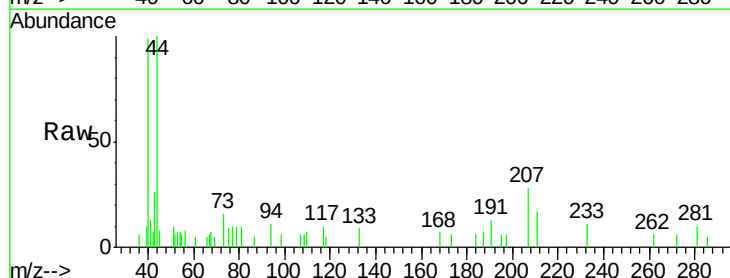
Acq: 7 May 2019 20:40

Tgt Ion: 94 Resp: 706

Ion Ratio Lower Upper

94 100

96 0.0 75.4 113.2#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

1.43

1.35 1.40 1.45

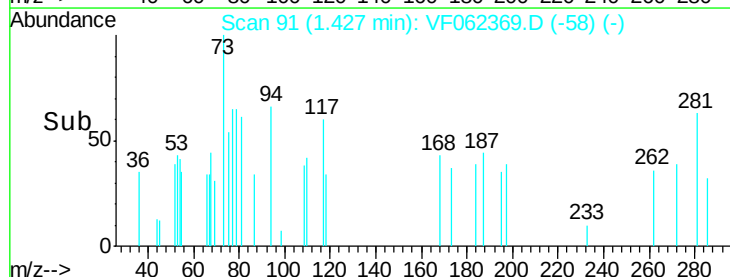
300

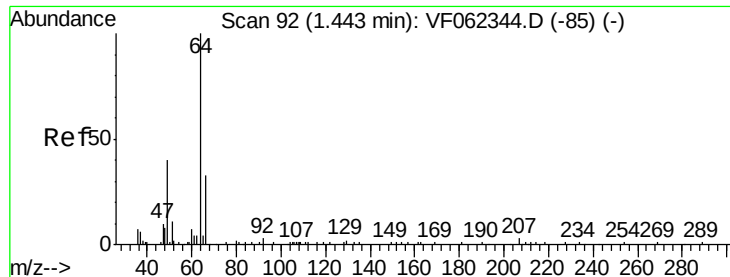
200

100

0

Time-->





#6

Chloroethane

Concen: 2.342 ug/l

RT: 1.55 min Scan# 103

Delta R.T. 0.10 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

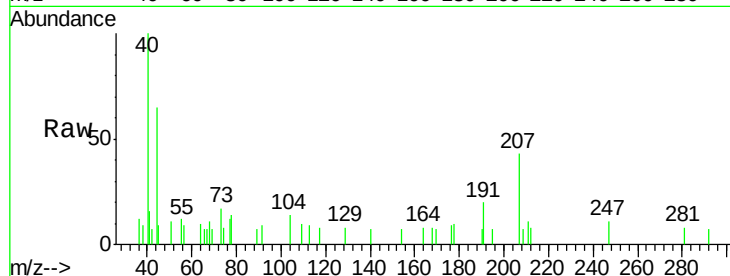
TP-1

Tot Ion: 64 Resp: 93

Ion Ratio Lower Upper

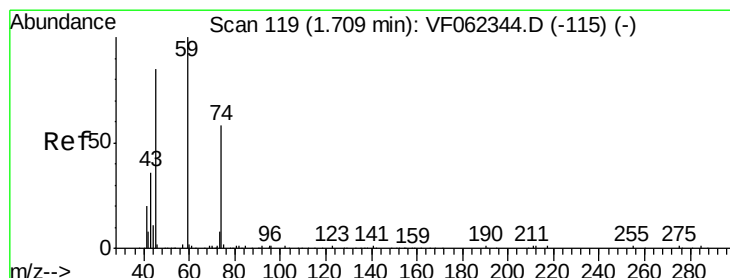
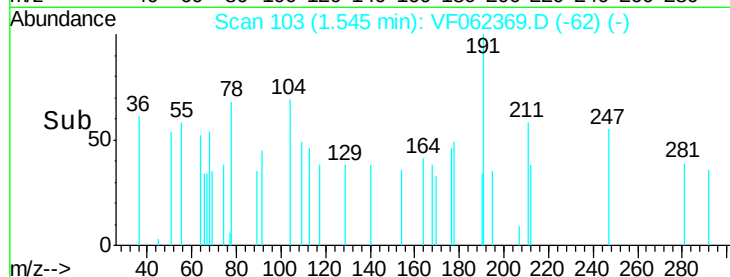
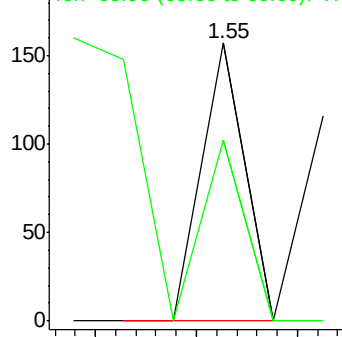
64 100

66 65.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



#8

Diethyl Ether

Concen: 5.445 ug/l

RT: 1.84 min Scan# 133

Delta R.T. 0.13 min

Lab File: VF062369.D

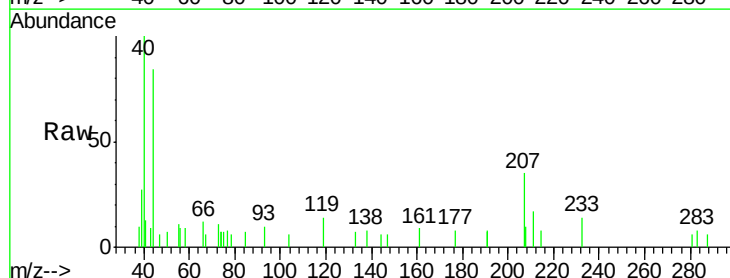
Acq: 7 May 2019 20:40

Tgt Ion: 74 Resp: 135

Ion Ratio Lower Upper

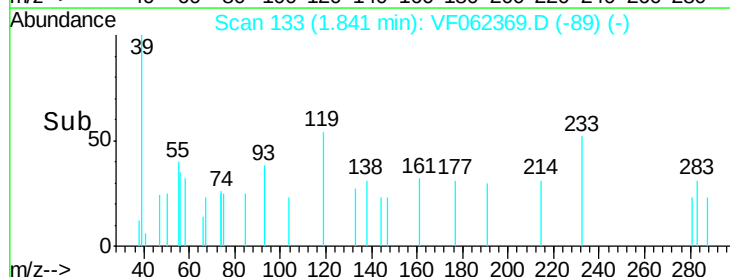
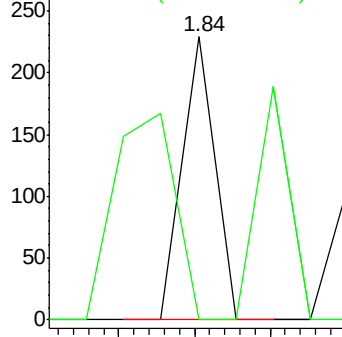
74 100

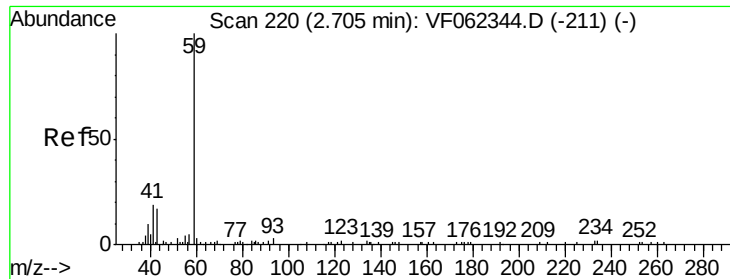
45 138.5 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

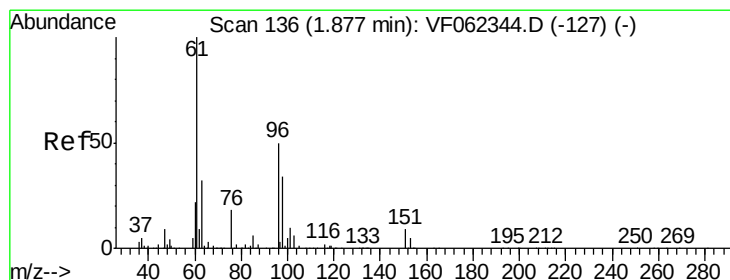
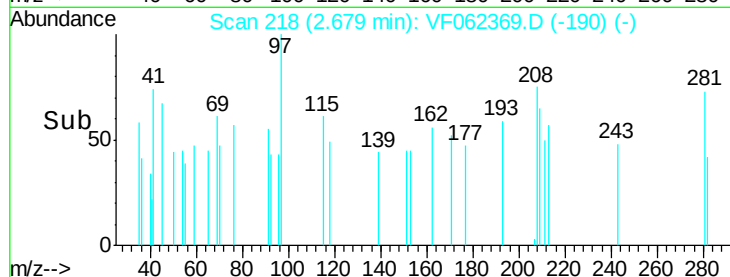
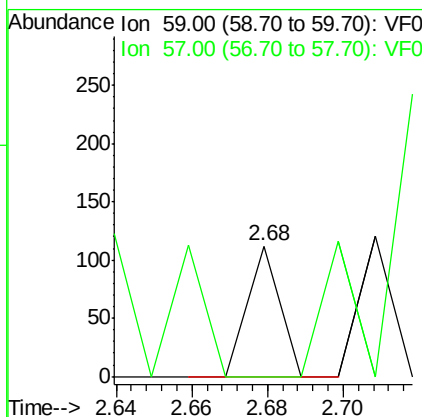
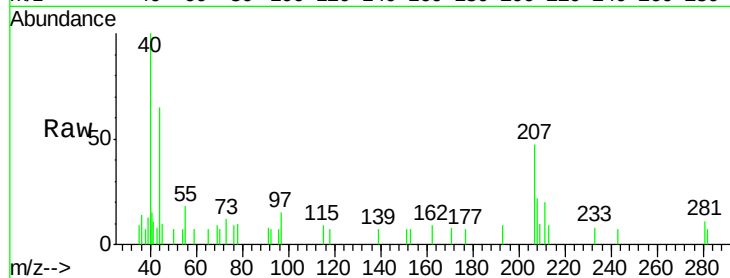




#11
Tert butyl alcohol
Concen: 11.913 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.03 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

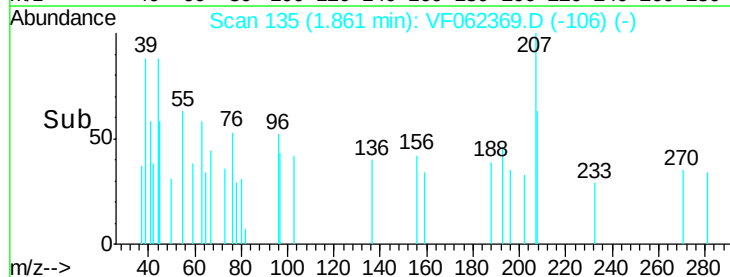
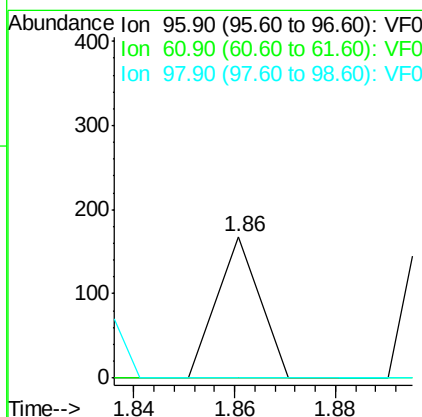
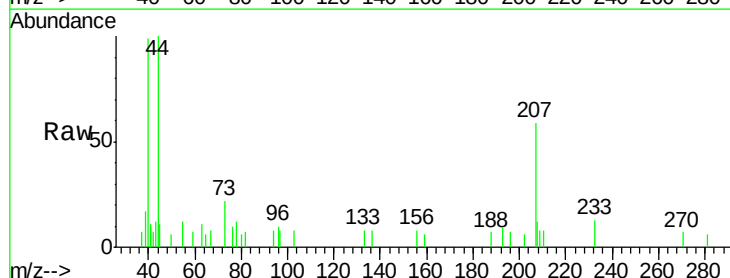
Instrument :
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TP-1

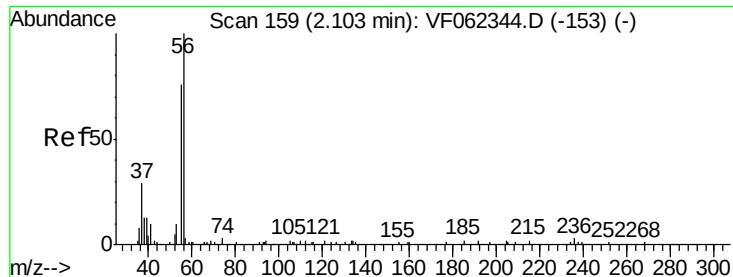
Tot Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 1.245 ug/l
RT: 1.86 min Scan# 135
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 96 Resp: 99
Ion Ratio Lower Upper
96 100
61 0.0 163.2 244.8#
98 0.0 55.2 82.8#





#13

Acrolein

Concen: 91.758 ug/l

RT: 2.07 min Scan# 156

Delta R.T. -0.04 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

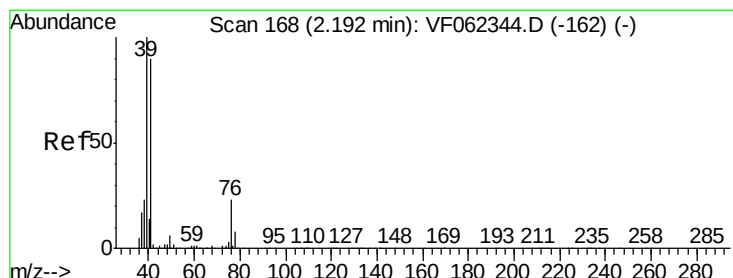
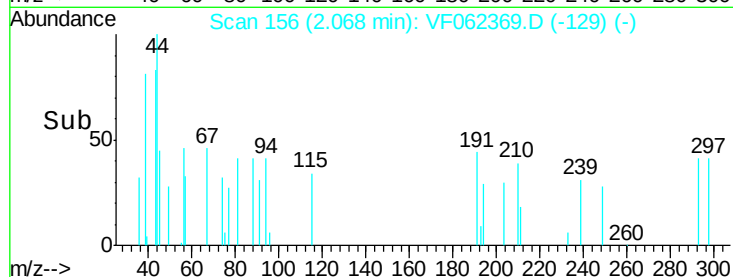
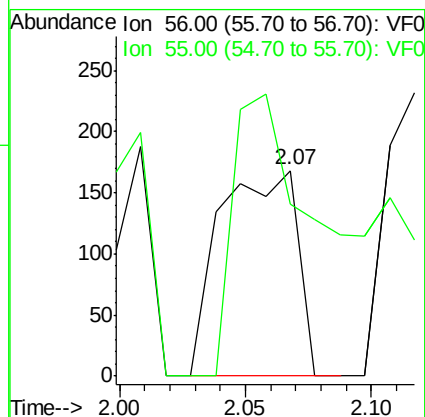
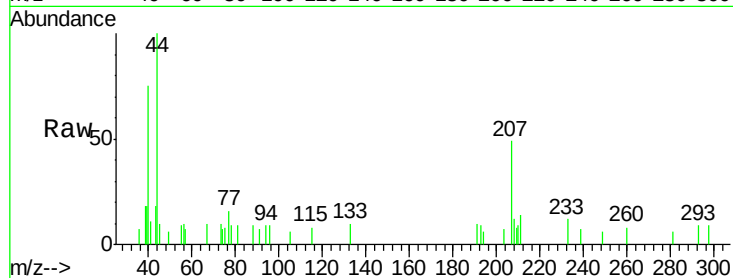
Instrument :
MSVOA_F
ClientSampled :
TP-1

Tot Ion: 56 Resp: 360

Ion Ratio Lower Upper

56 100

55 155.8 58.4 87.6#



#14

Allyl chloride

Concen: 15.302 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.00 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

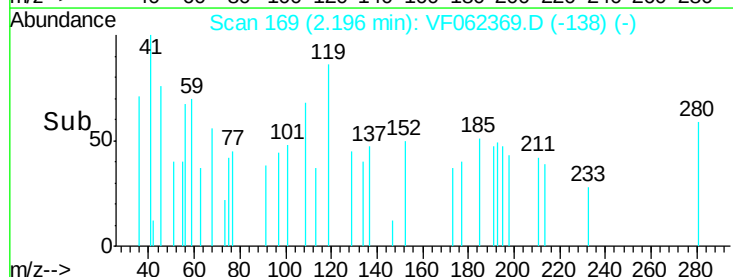
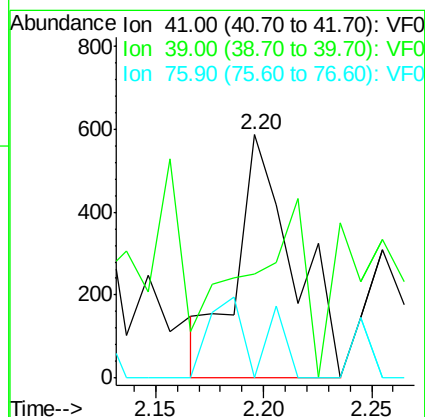
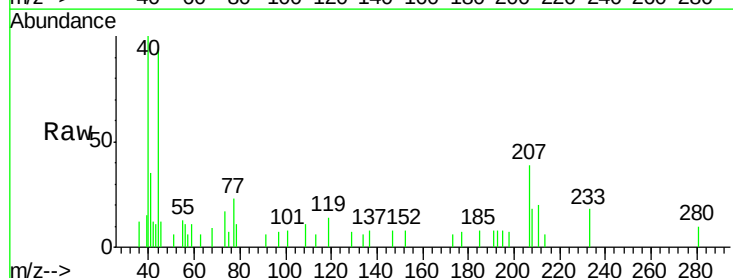
Tgt Ion: 41 Resp: 1075

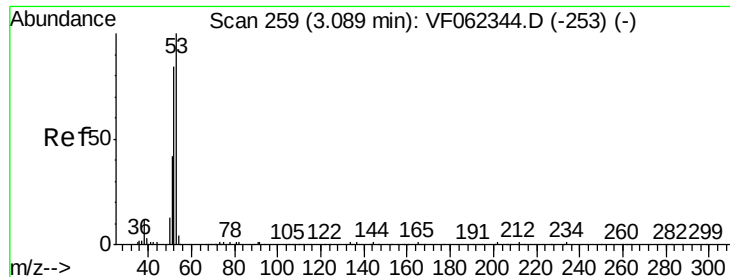
Ion Ratio Lower Upper

41 100

39 0.0 90.8 136.2#

76 29.0 22.2 33.4





#15

Acrylonitrile

Concen: 15.246 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.02 min

Lab File: VF062369.D

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ClientSampled :
TP-1

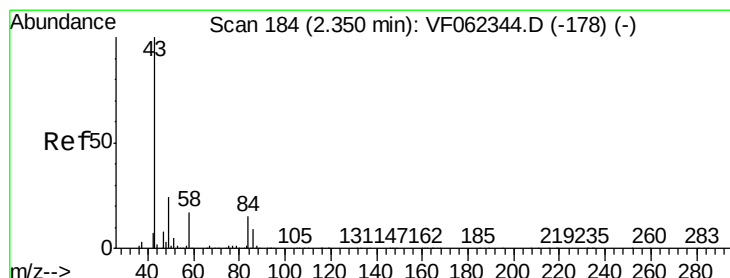
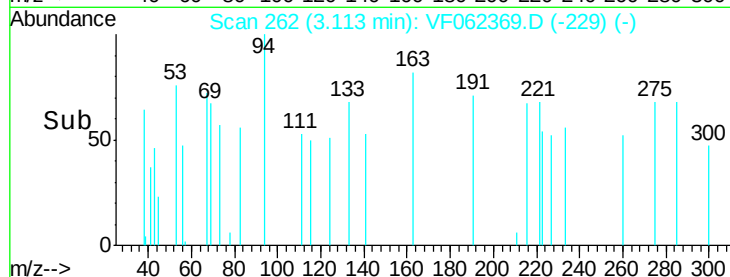
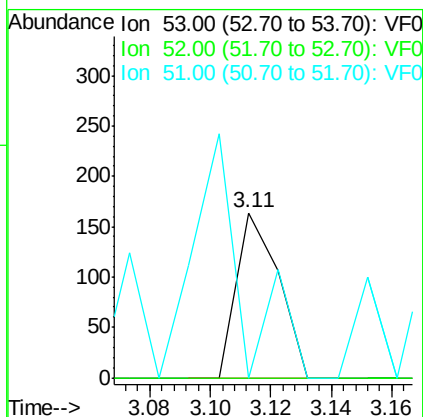
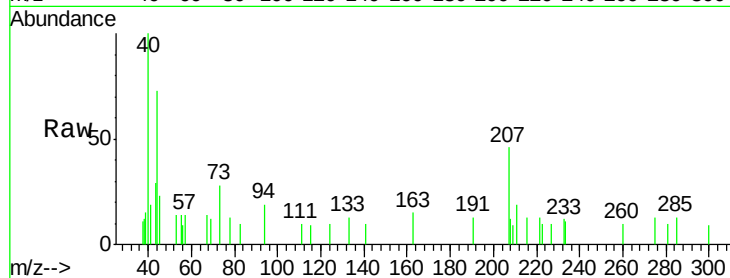
Tot Ion: 53 Resp: 160

Ion Ratio Lower Upper

53 100

52 0.0 77.2 115.8#

51 170.0 40.6 61.0#



#16

Acetone

Concen: 37.417 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.03 min

Lab File: VF062369.D

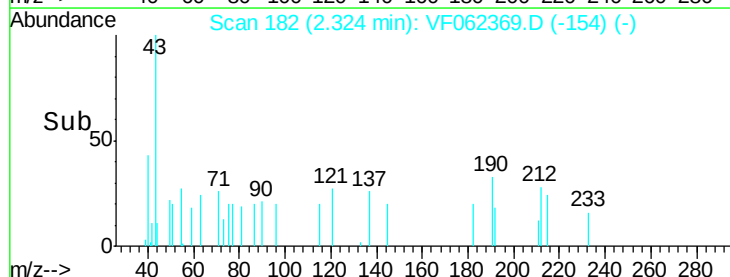
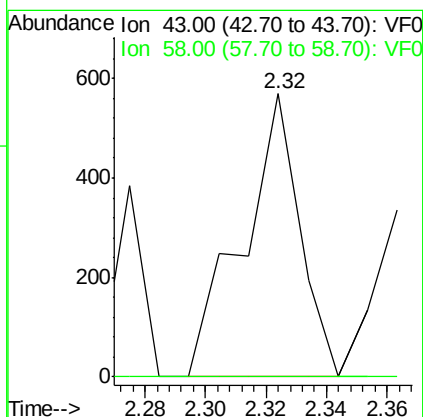
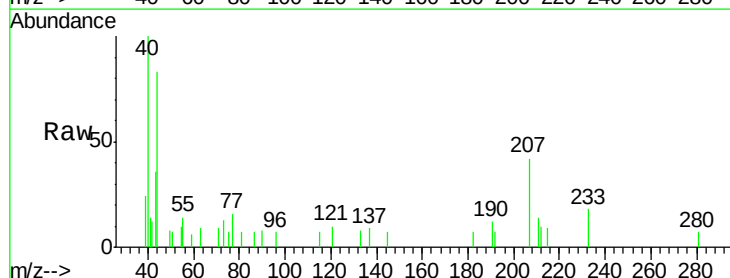
Acq: 7 May 2019 20:40

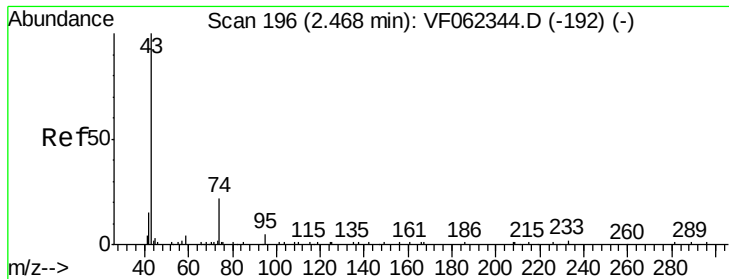
Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 0.0 13.1 19.7#

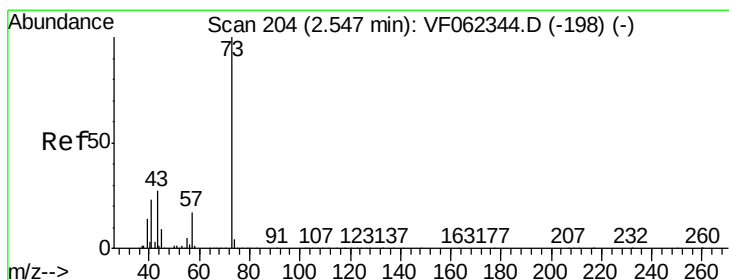
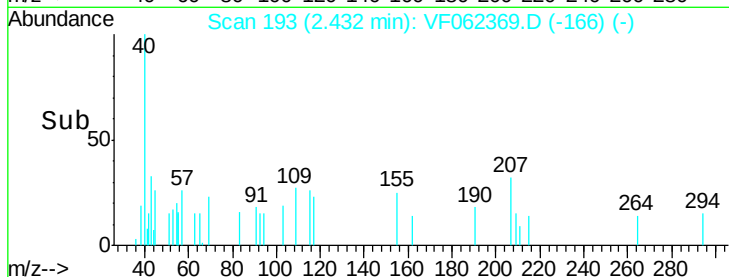
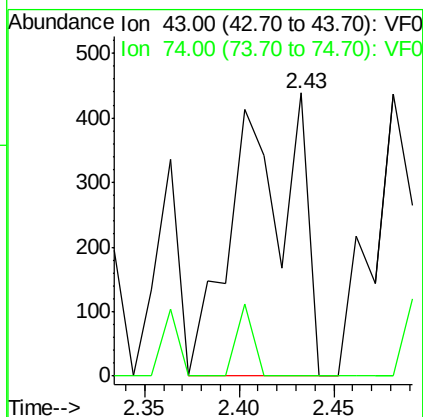
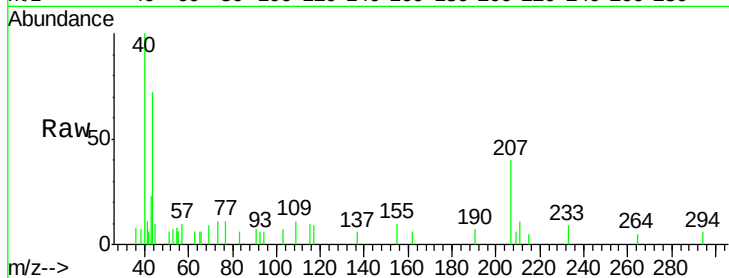




#18
Methvl Acetate
Concen: 25.450 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.04 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

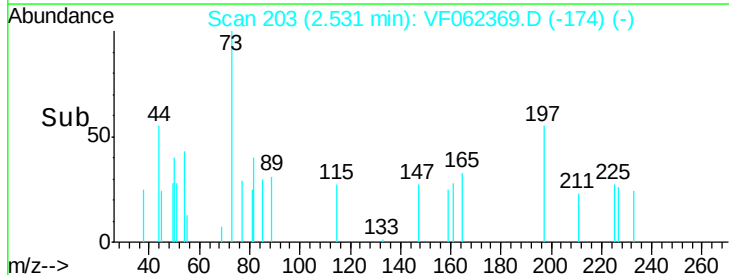
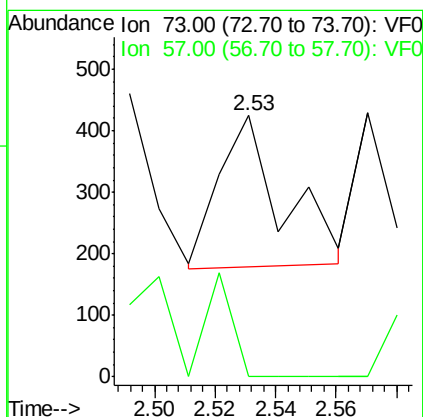
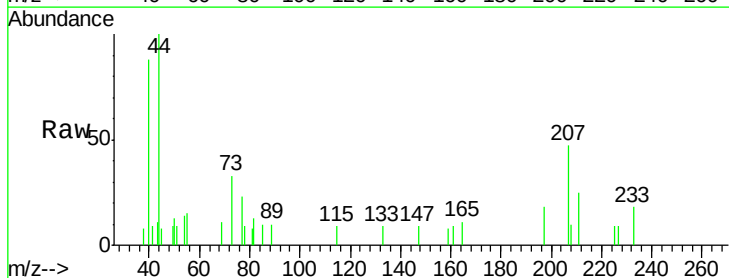
Instrument :
MSVOA_F
ClientSampleId :
TP-1

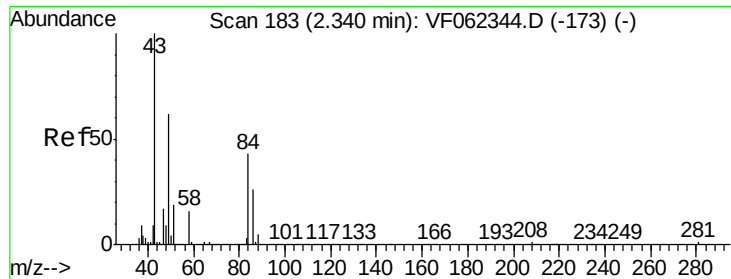
Tot Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
74 0.0 15.0 22.4#



#19
Methyl tert-butyl Ether
Concen: 2.205 ug/l
RT: 2.53 min Scan# 203
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 73 Resp: 362
Ion Ratio Lower Upper
73 100
57 0.0 13.7 20.5#

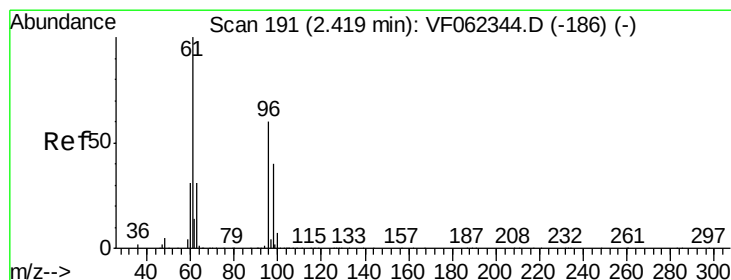
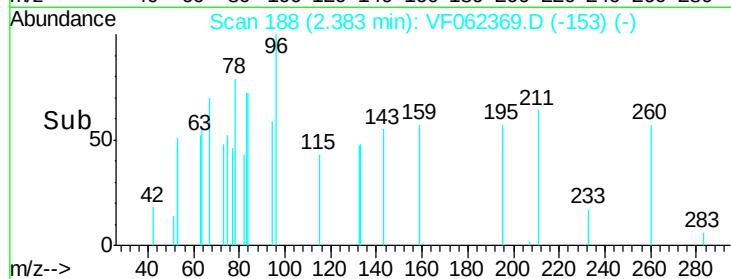
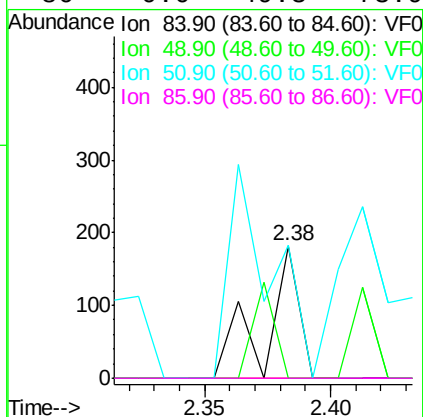
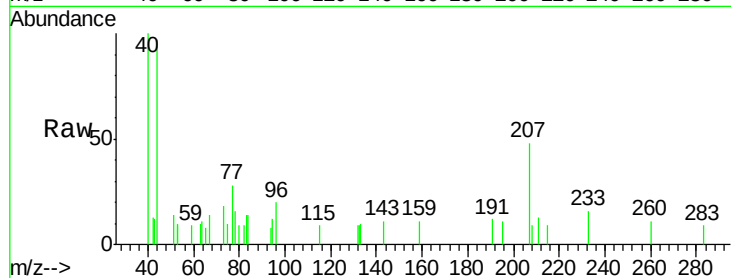




#20
Methvlene Chloride
Concen: 2.369 ug/l
RT: 2.38 min Scan# 188
Delta R.T. 0.04 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

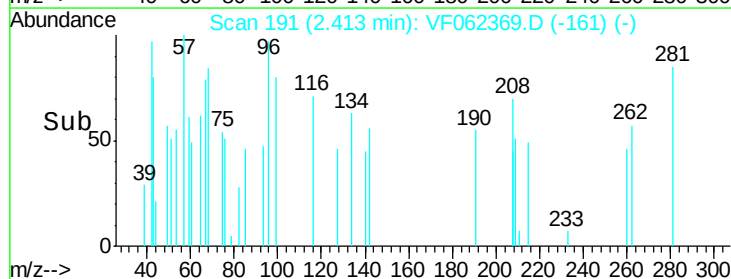
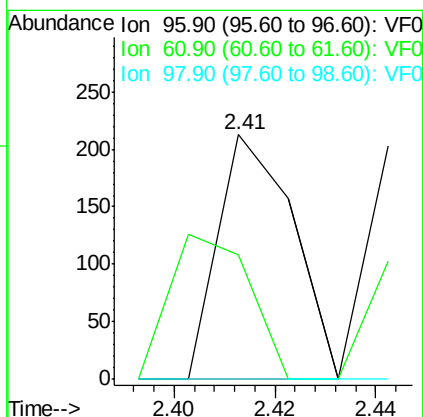
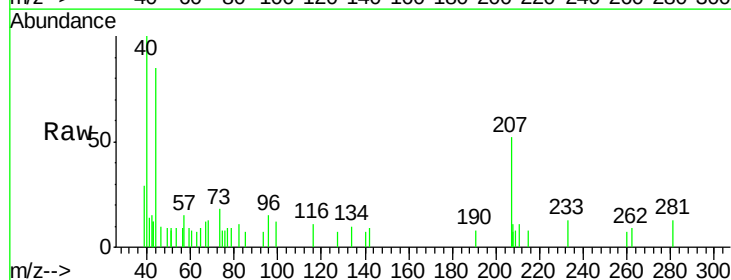
Instrument :
MSVOA_F
ClientSampled :
TP-1

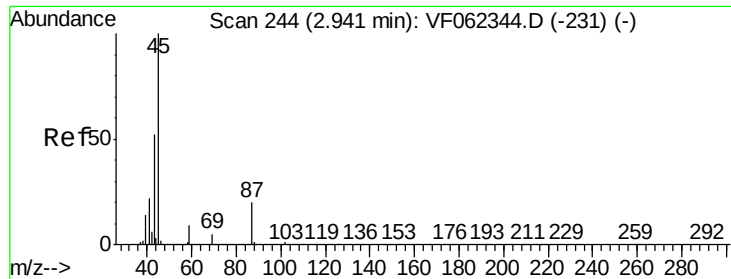
Tot Ion: 84 Resp: 170
Ion Ratio Lower Upper
84 100
49 0.0 117.5 176.3#
51 100.5 37.0 55.4#
86 0.0 49.3 73.9#



#21
trans-1,2-Dichloroethene
Concen: 2.890 ug/l
RT: 2.41 min Scan# 191
Delta R.T. -0.01 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 96 Resp: 219
Ion Ratio Lower Upper
96 100
61 50.7 133.2 199.8#
98 0.0 53.1 79.7#

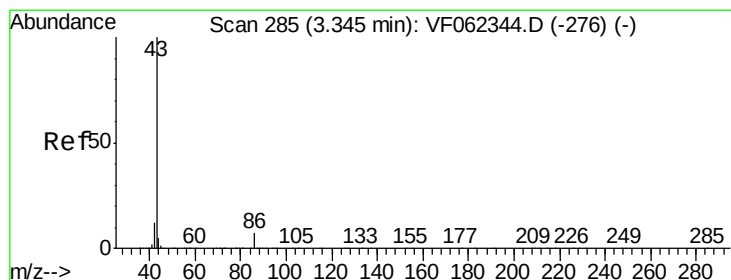
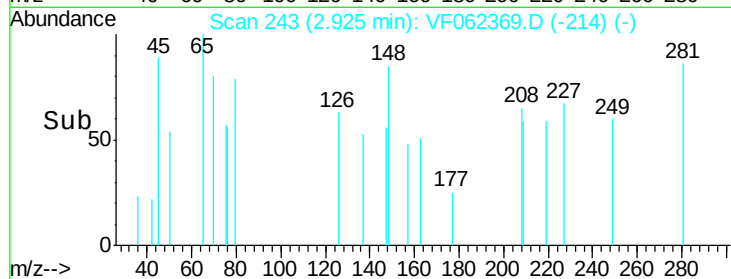
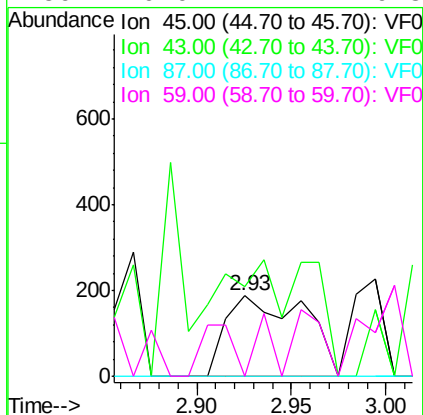
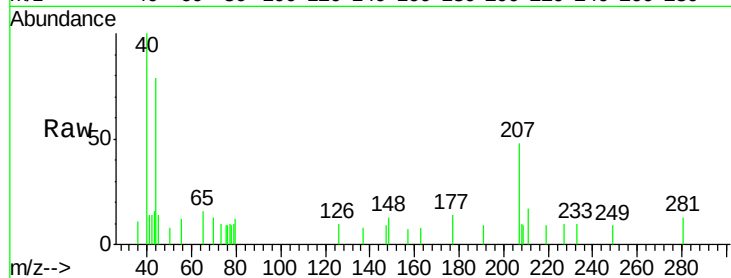




#22
Diisopropyl ether
Concen: 2.428 ug/l
RT: 2.93 min Scan# 243
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

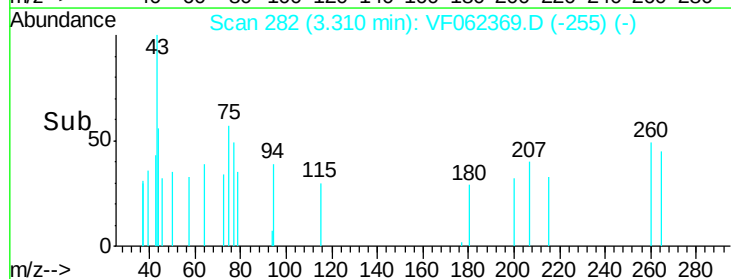
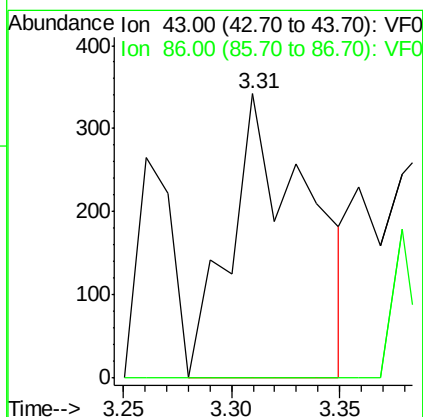
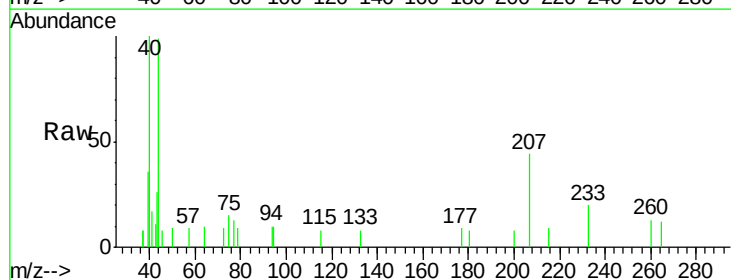
Instrument :
MSVOA_F
ClientSampled :
TP-1

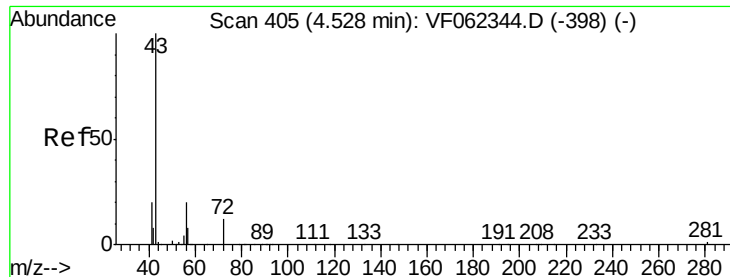
Tot Ion: 45 Resp: 533
Ion Ratio Lower Upper
45 100
43 111.8 41.4 62.0#
87 0.0 15.8 23.6#
59 0.0 7.2 10.8#



#23
Vinyl Acetate
Concen: 8.727 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.04 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
86 0.0 5.7 8.5#





#25

2-Butanone

Concen: 13.527 ug/l

RT: 4.47 min Scan# 400

Delta R.T. -0.06 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampleId :

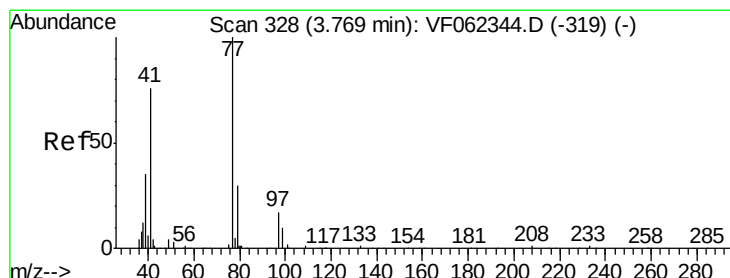
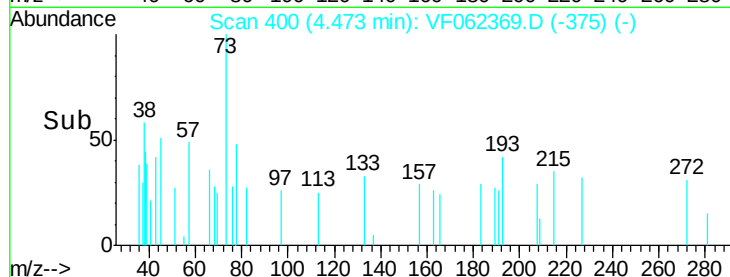
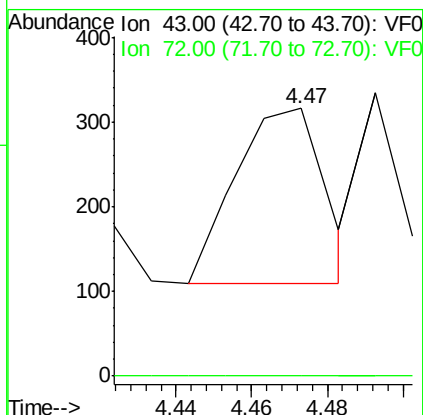
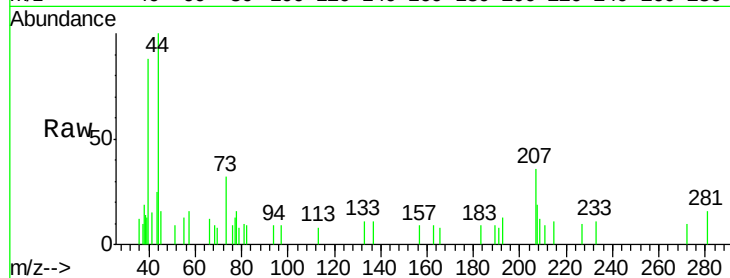
TP-1

Tot Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

72 0.0 14.2 21.4#



#26

2,2-Dichloropropane

Concen: 8.272 ug/l

RT: 3.63 min Scan# 314

Delta R.T. -0.14 min

Lab File: VF062369.D

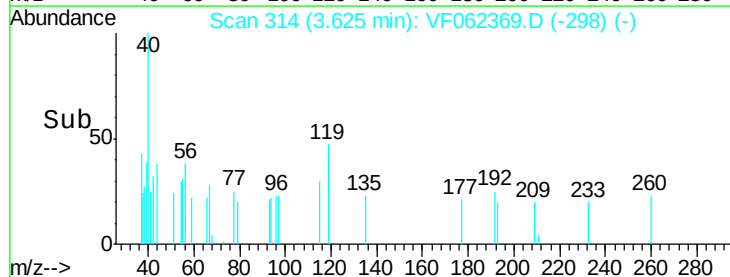
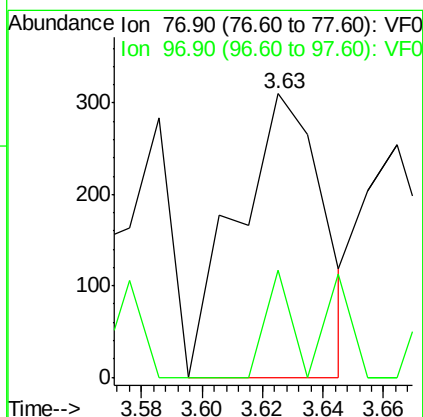
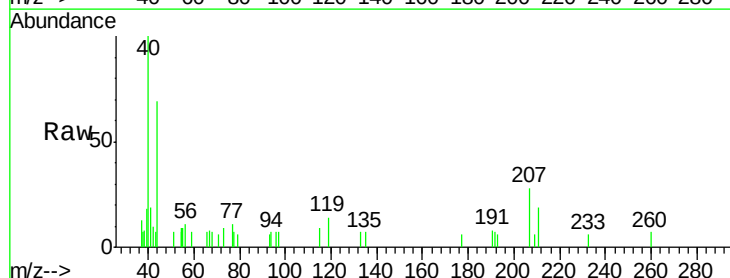
Acq: 7 May 2019 20:40

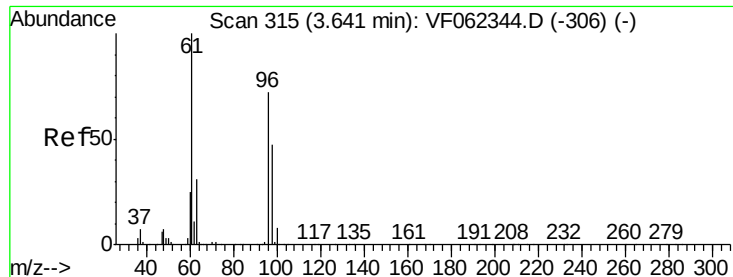
Tgt Ion: 77 Resp: 613

Ion Ratio Lower Upper

77 100

97 22.2 9.5 28.5



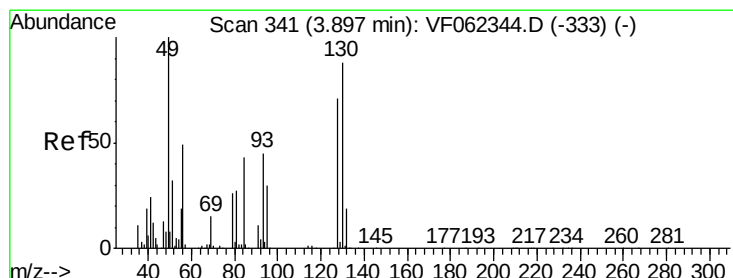
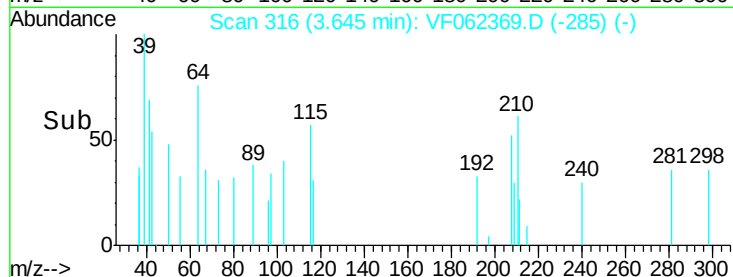
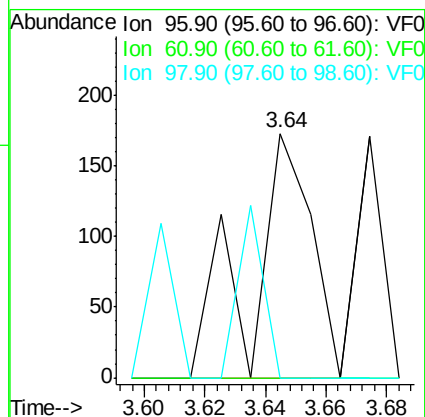
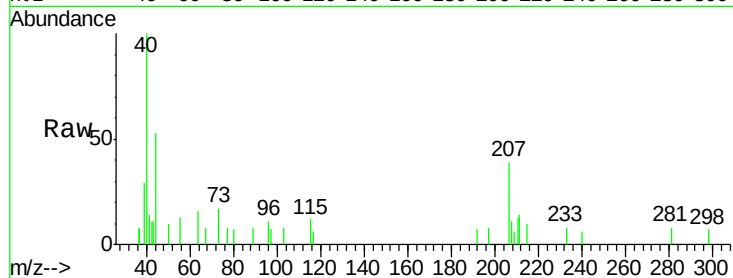


#27

cis-1,2-Dichloroethene
Concen: 2.523 ug/l
RT: 3.64 min Scan# 316
Delta R.T. 0.00 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Instrument :
MSVOA_F
ClientSampled :
TP-1

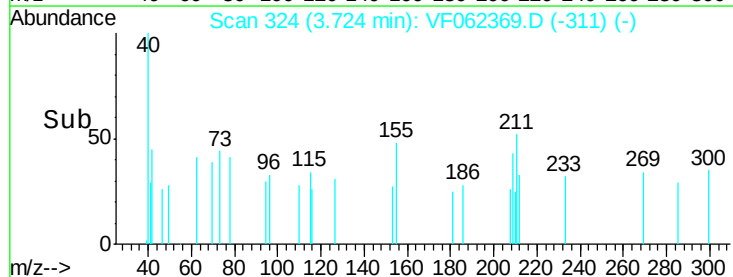
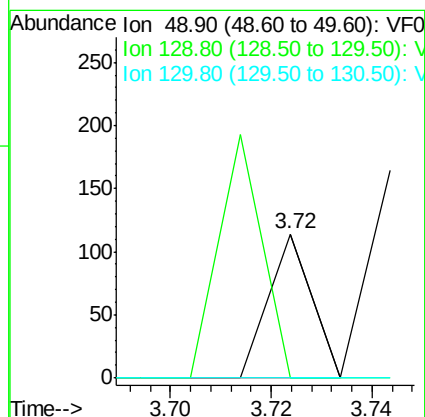
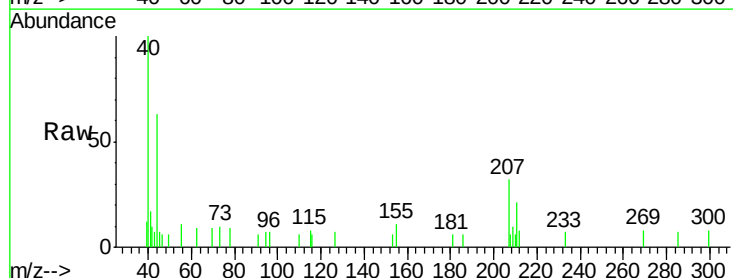
Tot Ion: 96 Resp: 239
Ion Ratio Lower Upper
96 100
61 0.0 0.0 263.0
98 30.1 0.0 130.8

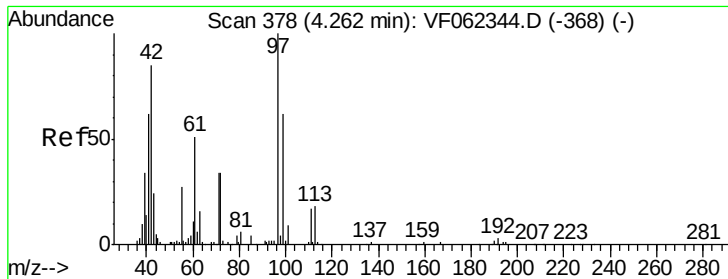


#28

Bromochloromethane
Concen: 1.113 ug/l
RT: 3.72 min Scan# 324
Delta R.T. -0.17 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 49 Resp: 67
Ion Ratio Lower Upper
49 100
129 170.1 0.0 2.2#
130 0.0 79.4 119.0#





#29

Tetrahydrofuran

Concen: 55.108 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.03 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampleId :

TP-1

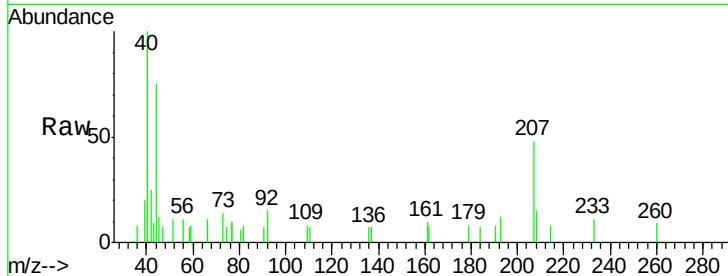
Tot Ion: 42 Resp: 631

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

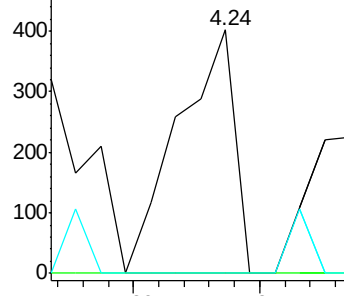
71 0.0 31.7 47.5#



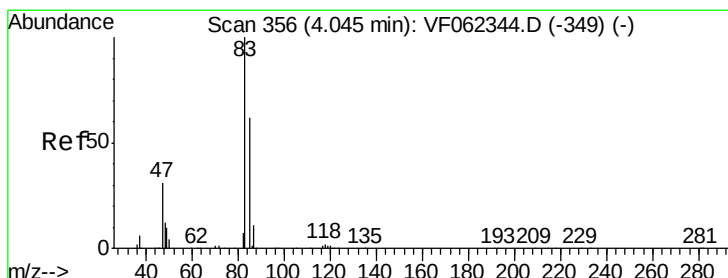
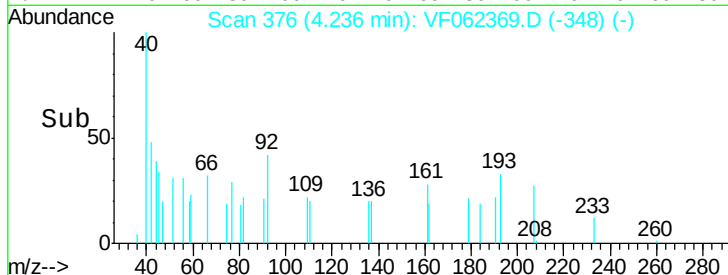
Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



Time-->



#30

Chloroform

Concen: 1.004 ug/l

RT: 4.03 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF062369.D

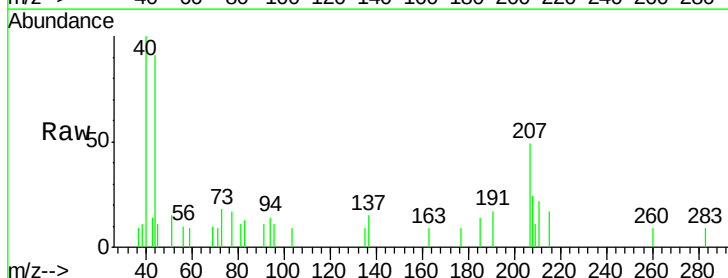
Acq: 7 May 2019 20:40

Tgt Ion: 83 Resp: 180

Ion Ratio Lower Upper

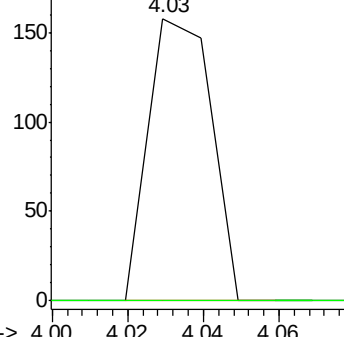
83 100

85 0.0 49.6 74.4#

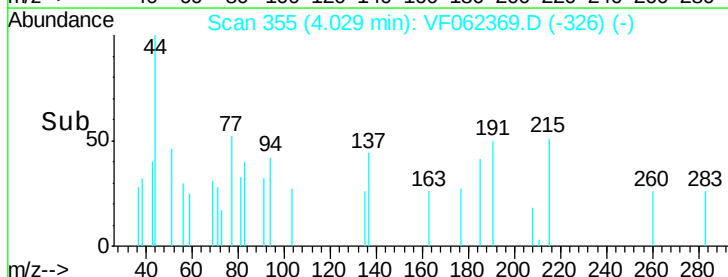


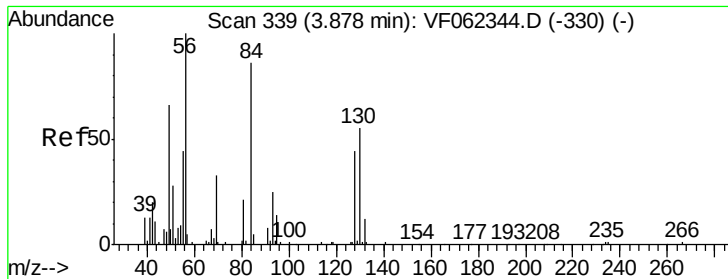
Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0



Time-->





#31

Cyclohexane

Concen: 2.766 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.02 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

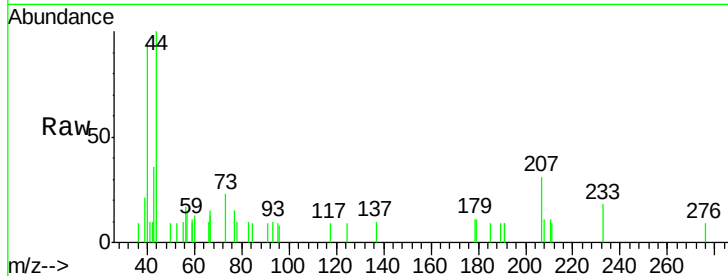
Tot Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

69 0.0 26.4 39.6#

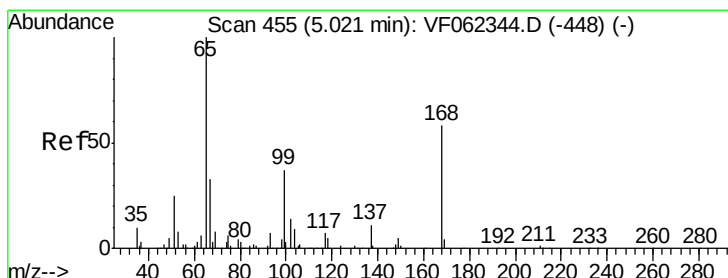
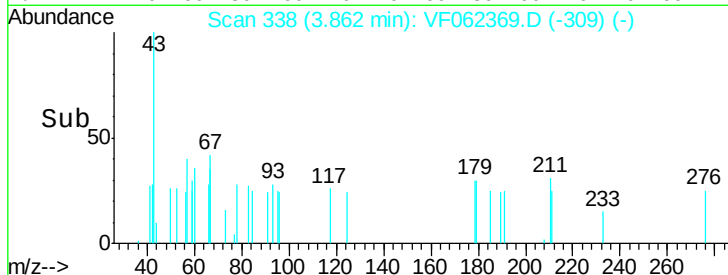
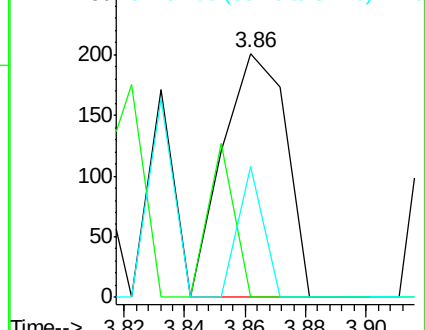
84 53.7 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 17.842 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF062369.D

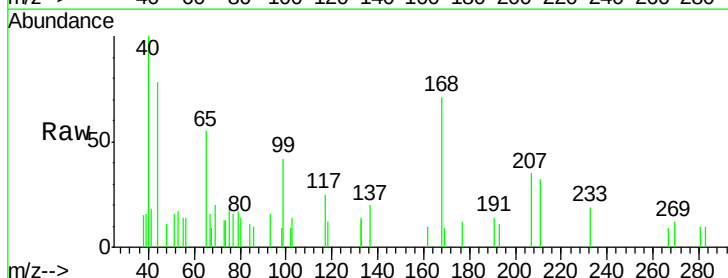
Acq: 7 May 2019 20:40

Tgt Ion: 65 Resp: 1749

Ion Ratio Lower Upper

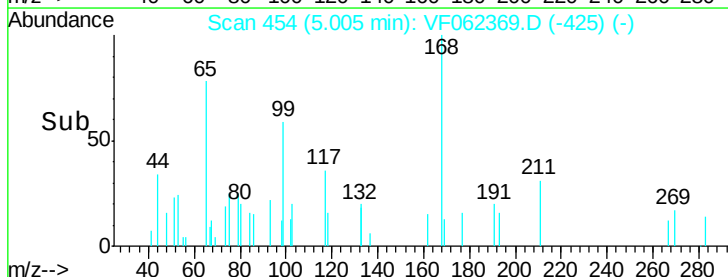
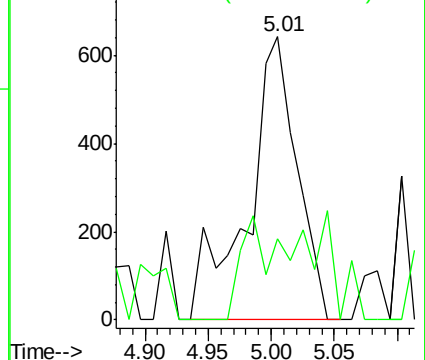
65 100

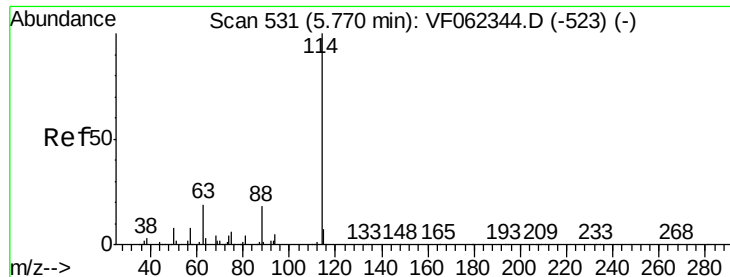
67 16.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

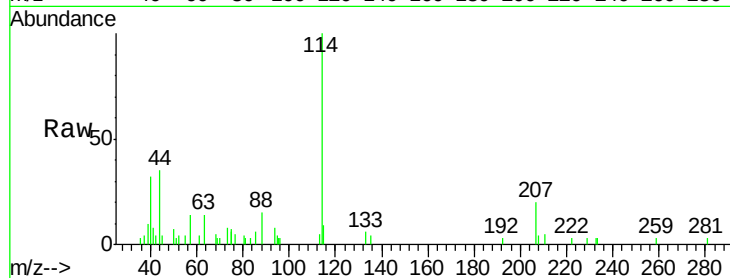




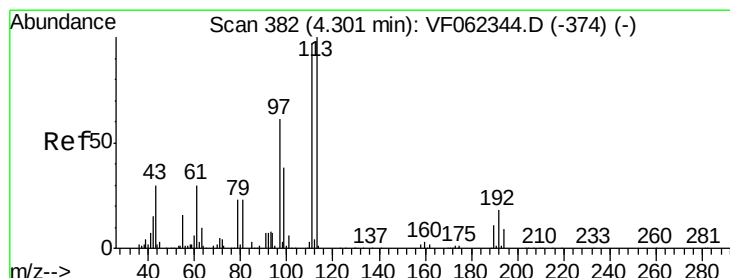
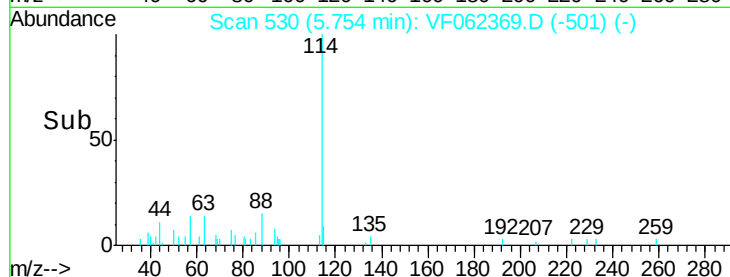
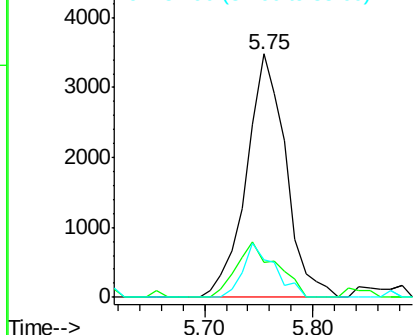
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tot Ion:114 Resp: 8890
Ion Ratio Lower Upper
114 100
63 14.2 0.0 37.4
88 15.3 0.0 36.4

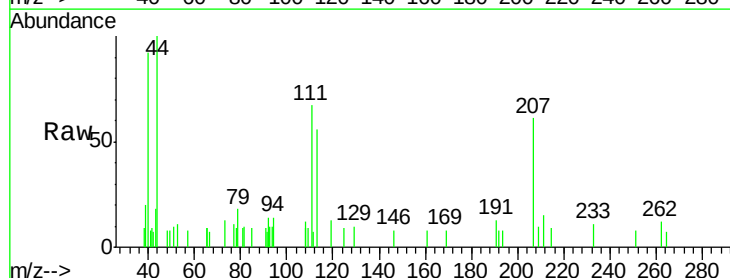


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 87.90 (87.60 to 88.60): VF0

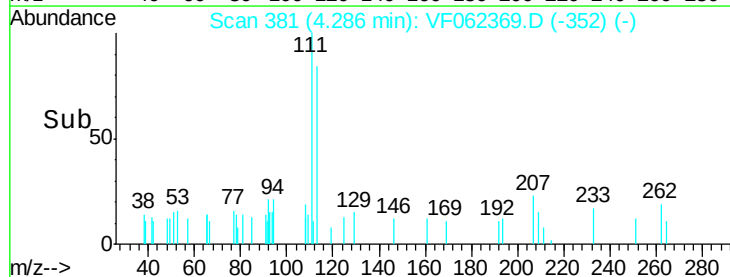
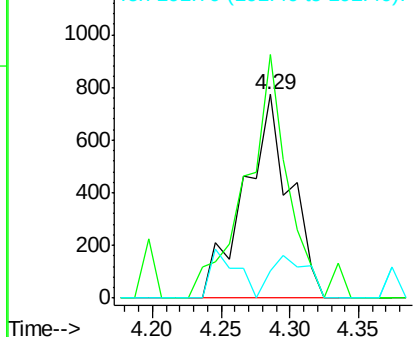


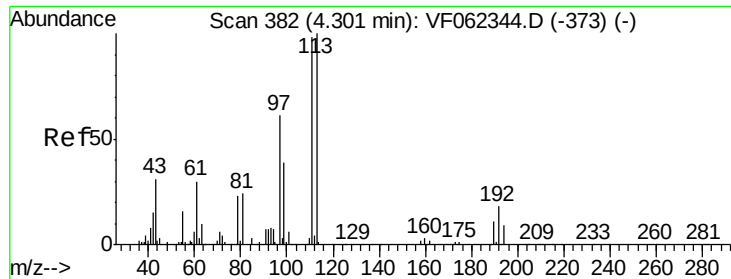
#35
Dibromofluoromethane
Concen: 25.005 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion:113 Resp: 1771
Ion Ratio Lower Upper
113 100
111 112.4 79.4 119.0
192 17.1 16.0 24.0



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

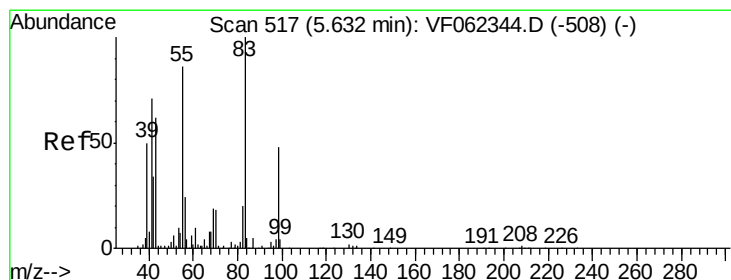
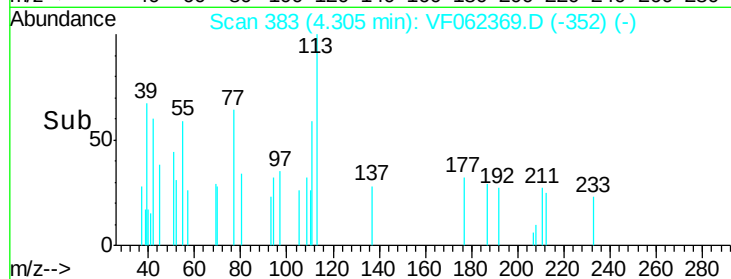
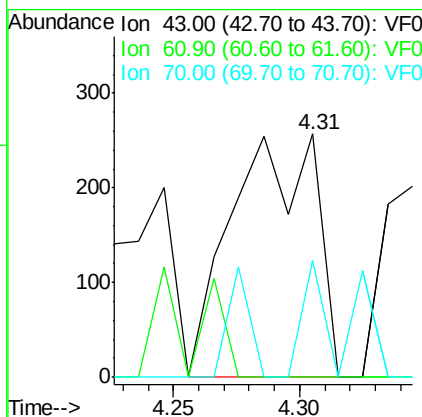
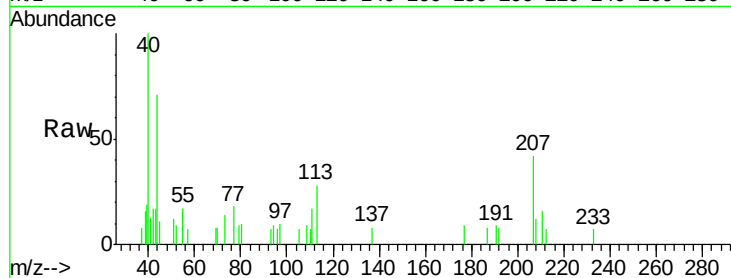




#37
Ethyl Acetate
Concen: 16.325 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.00 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

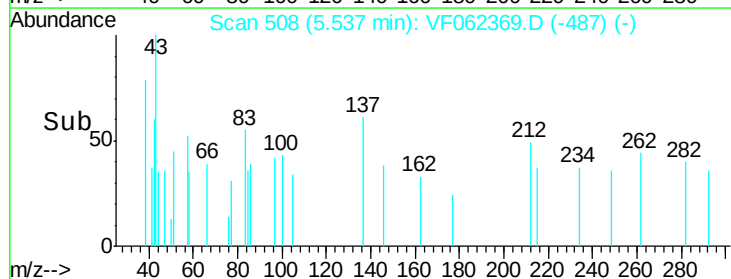
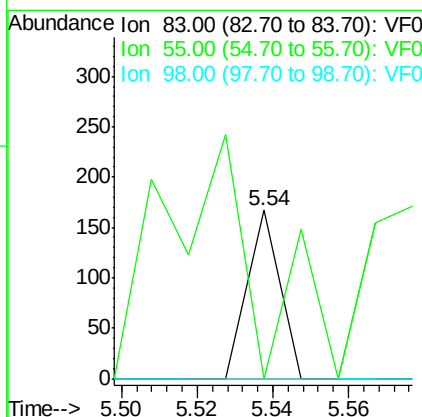
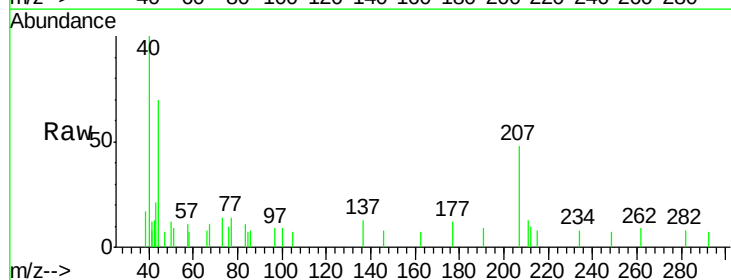
Instrument :
MSVOA_F
ClientSampled :
TP-1

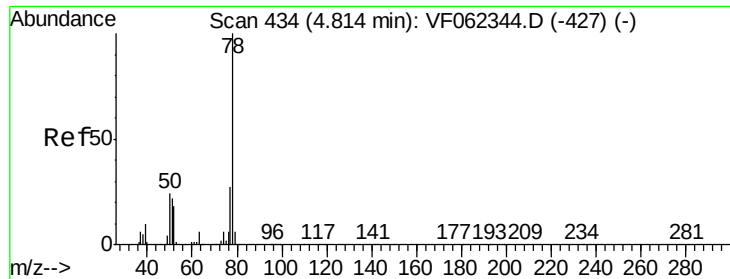
Tot Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 23.5 8.2 12.2#



#39
Methylcyclohexane
Concen: 1.293 ug/l
RT: 5.54 min Scan# 508
Delta R.T. -0.09 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 83 Resp: 99
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.6#
98 0.0 38.6 58.0#





#40

Benzene

Concen: 3.080 ug/l

RT: 4.76 min Scan# 429

Delta R.T. -0.06 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

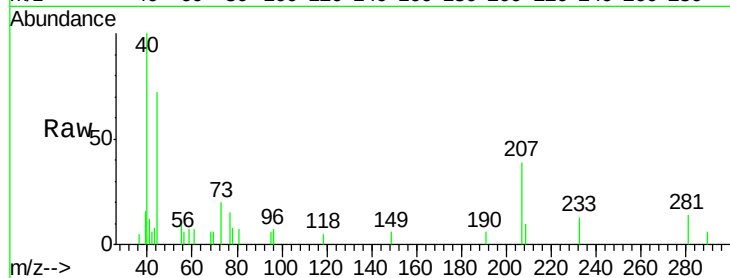
TP-1

Tot Ion: 78 Resp: 518

Ion Ratio Lower Upper

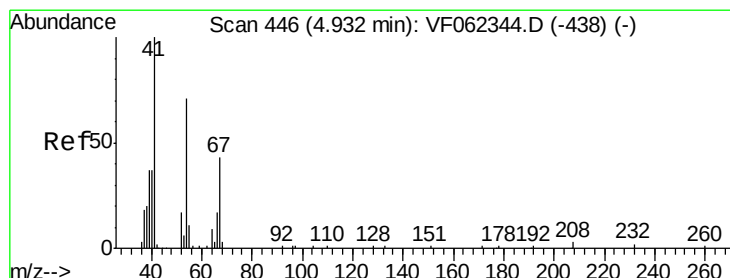
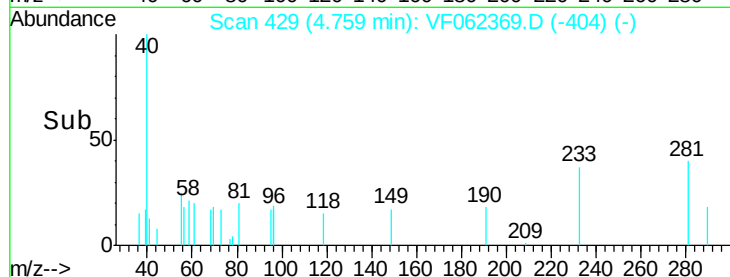
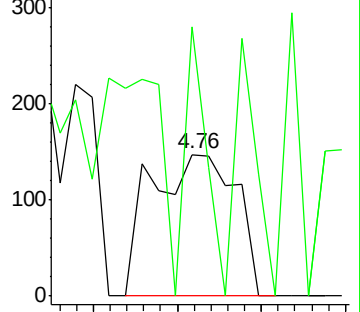
78 100

77 190.5 21.6 32.4#



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 57.504 ug/l

RT: 4.92 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Tgt Ion: 41 Resp: 1053

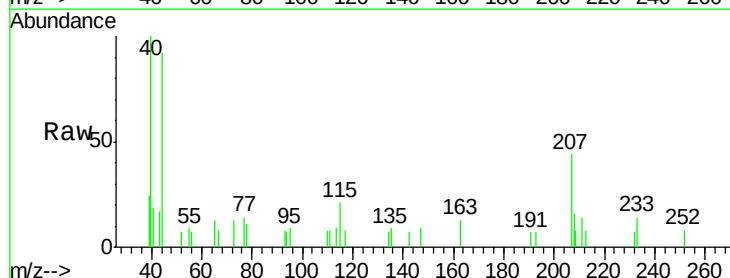
Ion Ratio Lower Upper

41 100

39 60.6 54.3 81.5

67 19.3 37.8 56.8#

52 11.8 58.2 87.4#

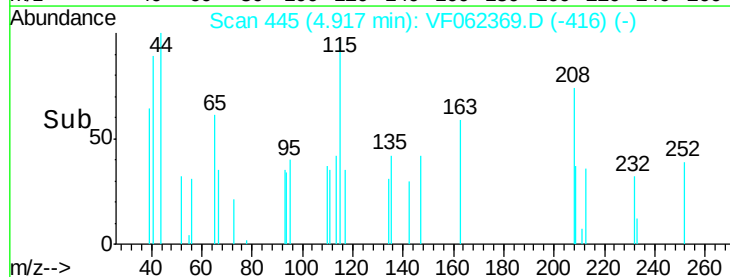
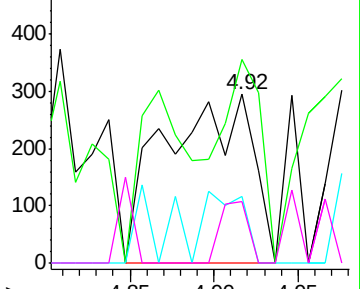


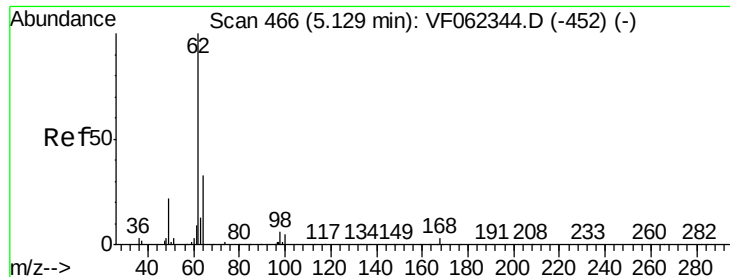
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#42

1,2-Dichloroethane

Concen: 1.137 ug/l

RT: 5.31 min Scan# 485

Delta R.T. 0.18 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

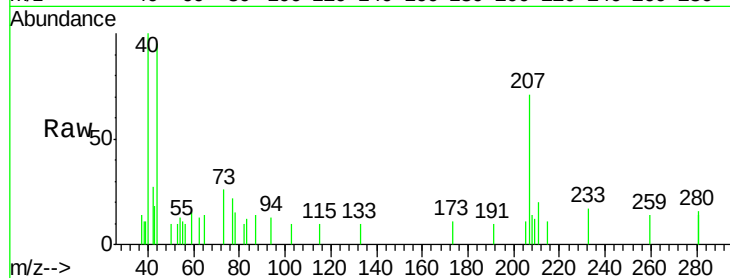
TP-1

Tot Ion: 62 Resp: 80

Ion Ratio Lower Upper

62 100

98 0.0 0.0 12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

5.31

150

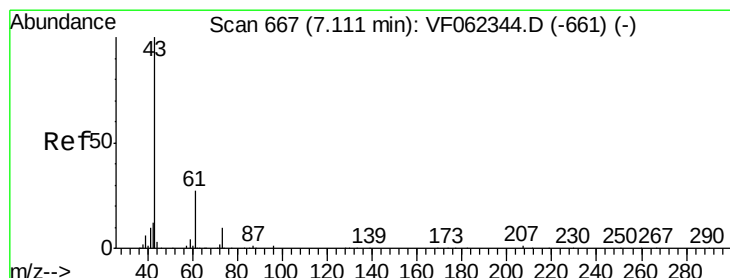
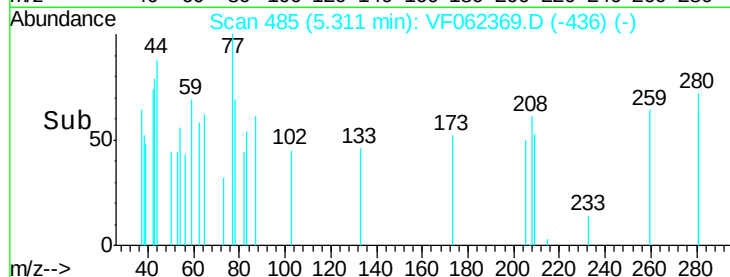
100

50

0

5.28 5.30 5.32 5.34

Time-->



#43

Isopropyl Acetate

Concen: 33.683 ug/l

RT: 7.11 min Scan# 668

Delta R.T. 0.00 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

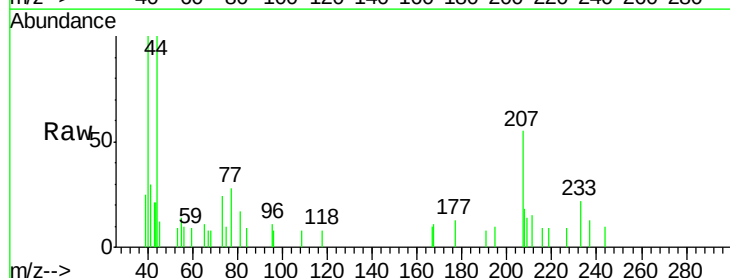
Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

61 8.5 22.8 34.2#

87 6.5 0.6 1.0#



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

600

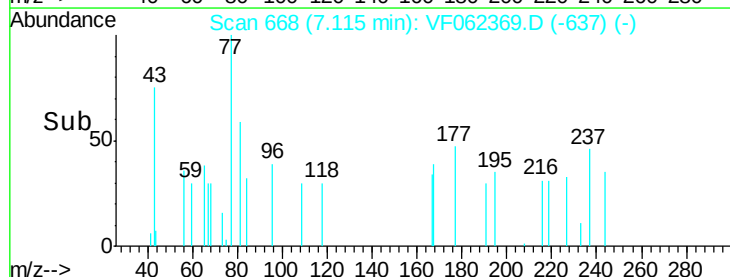
400

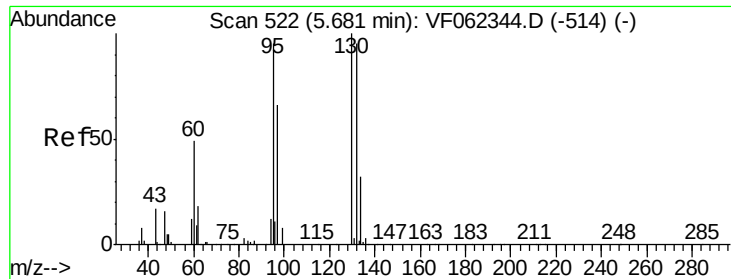
200

0

7.05 7.10 7.15

Time-->





#44

Trichloroethene

Concen: 1.036 ug/l

RT: 5.69 min Scan# 523

Delta R.T. 0.00 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

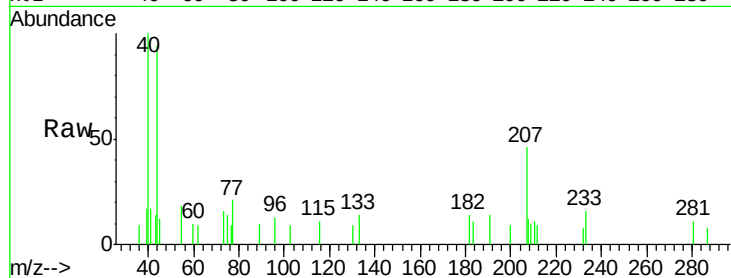
TP-1

Tot Ion:130 Resp: 64

Ion Ratio Lower Upper

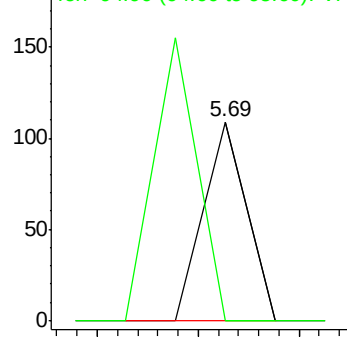
130 100

95 0.0 0.0 189.0

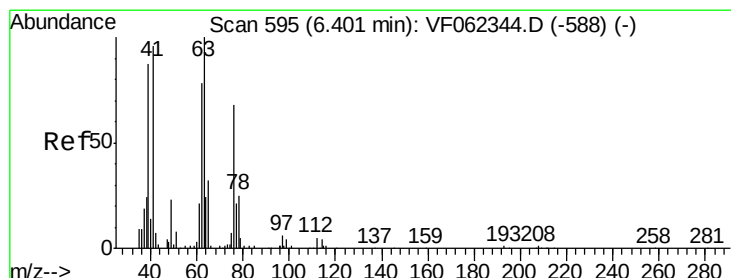
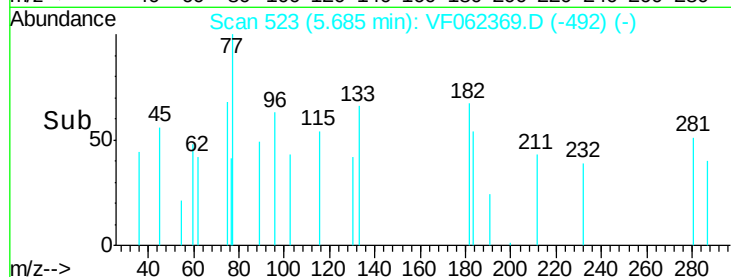


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0



Time-->



#45

1,2-Dichloropropane

Concen: 3.991 ug/l

RT: 6.38 min Scan# 593

Delta R.T. -0.03 min

Lab File: VF062369.D

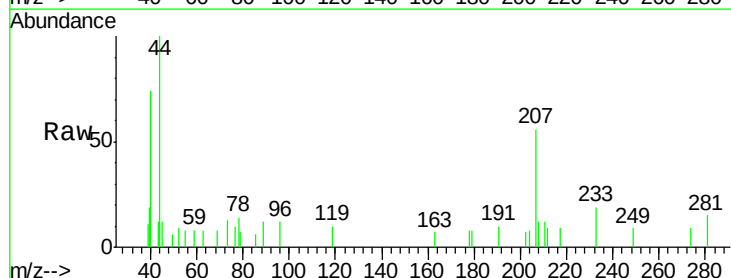
Acq: 7 May 2019 20:40

Tgt Ion: 63 Resp: 152

Ion Ratio Lower Upper

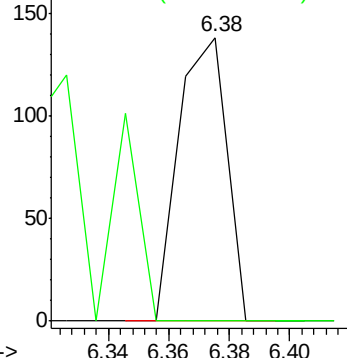
63 100

65 0.0 25.6 38.4#

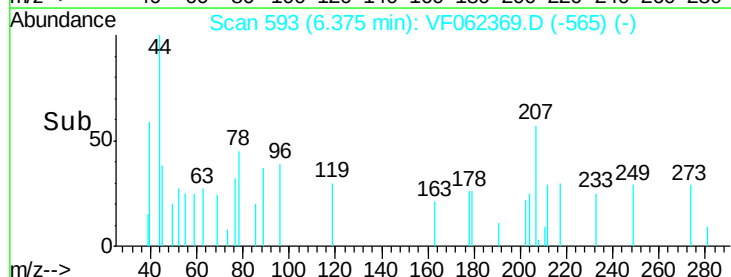


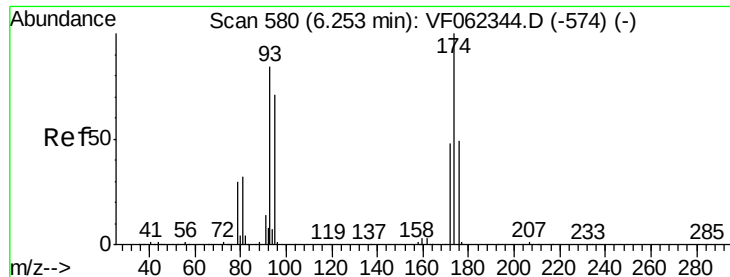
Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0



Time-->





#46

Dibromomethane

Concen: 1.900 ug/l

RT: 6.21 min Scan# 576

Delta R.T. -0.05 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

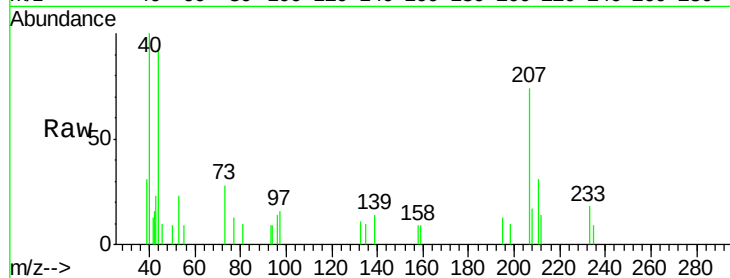
Tot Ion: 93 Resp: 60

Ion Ratio Lower Upper

93 100

95 113.3 68.4 102.6#

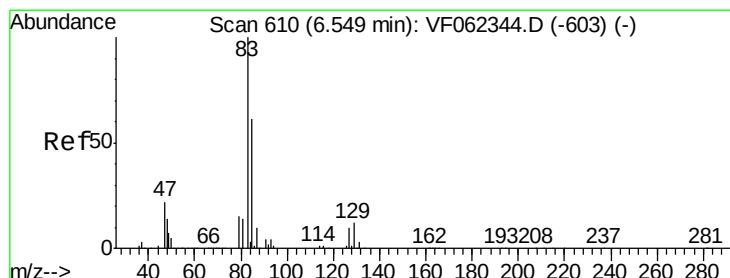
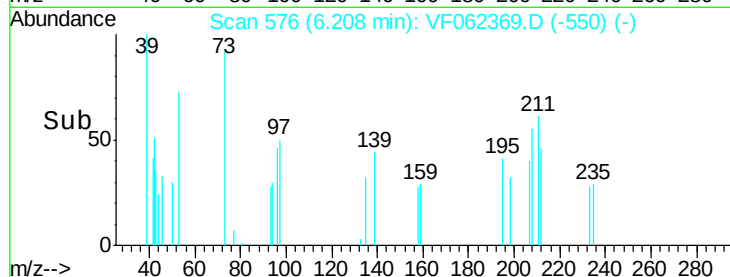
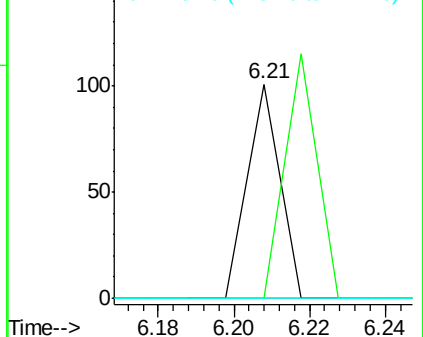
174 0.0 99.6 149.4#



Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.114 ug/l

RT: 6.48 min Scan# 604

Delta R.T. -0.07 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

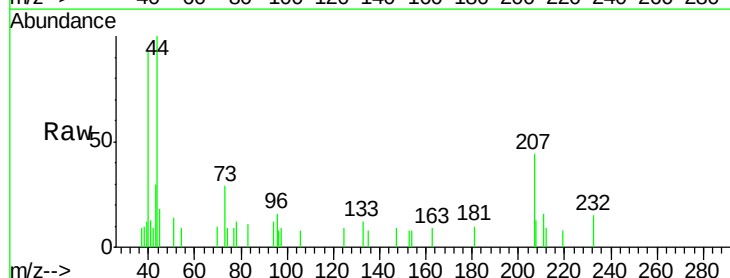
Tgt Ion: 83 Resp: 88

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

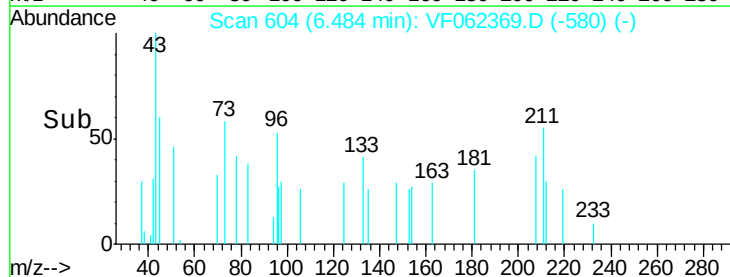
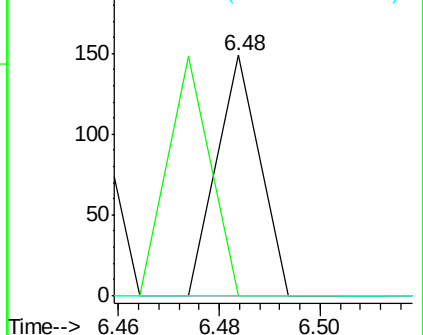
127 0.0 7.8 11.8#

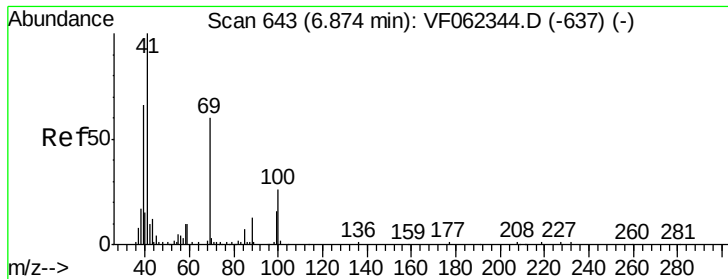


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V

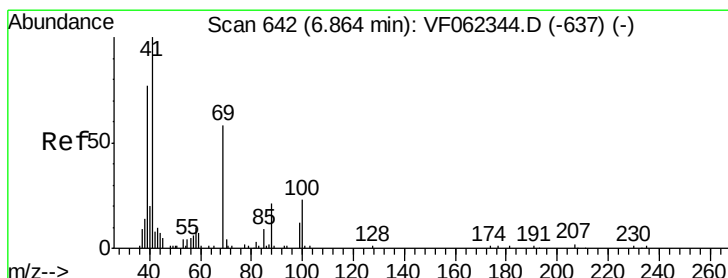
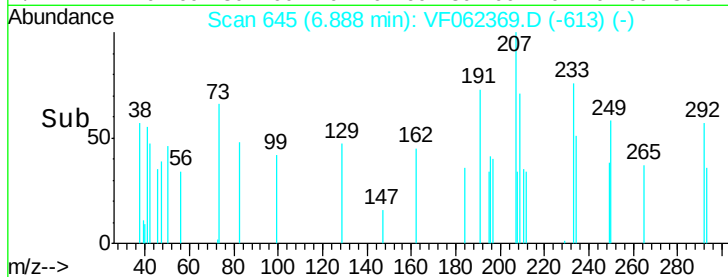
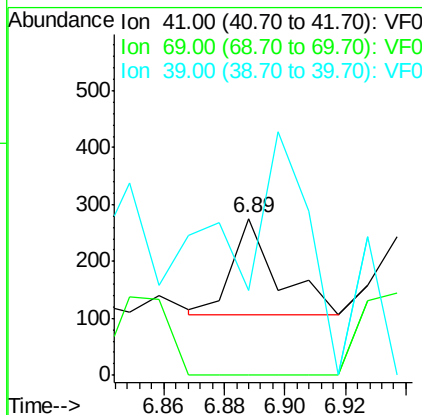
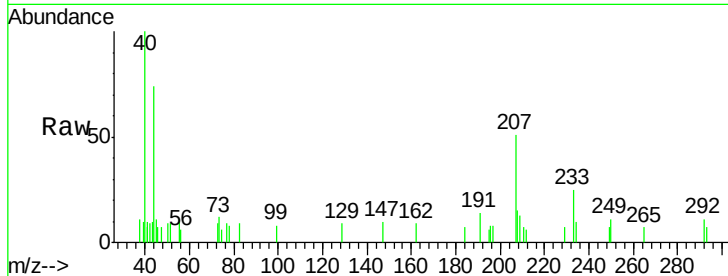




#48
Methyl methacrylate
Concen: 7.088 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

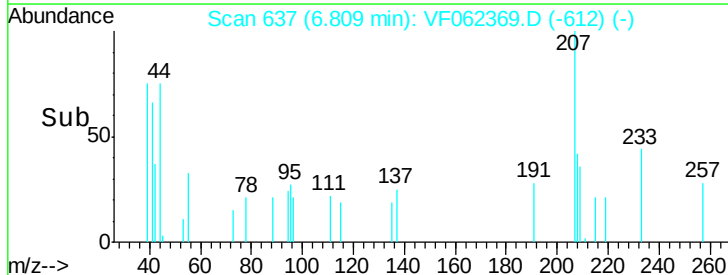
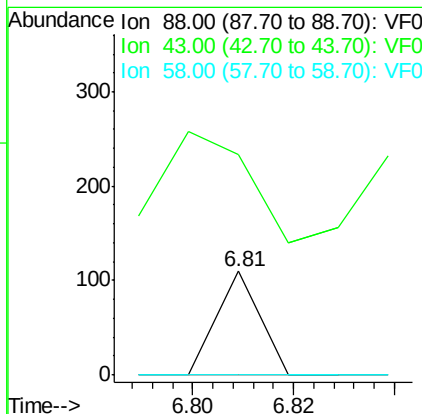
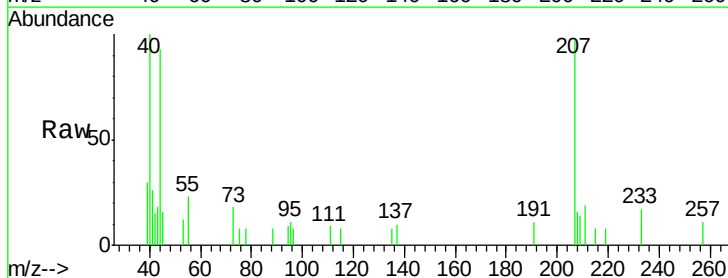
Instrument :
MSVOA_F
ClientSampled :
TP-1

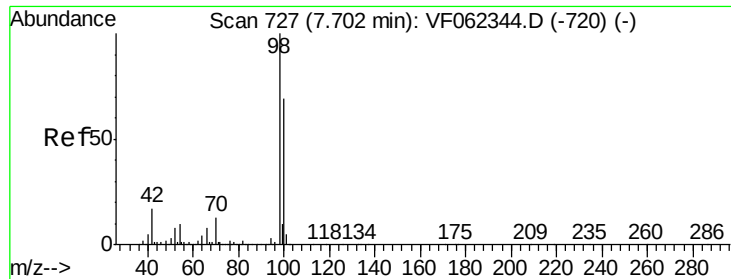
Tot Ion: 41 Resp: 174
Ion Ratio Lower Upper
41 100
69 0.0 48.6 72.8#
39 386.2 56.1 84.1#



#49
1,4-Dioxane
Concen: 247.627 ug/l
RT: 6.81 min Scan# 637
Delta R.T. -0.05 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 729.2 55.6 83.4#
58 0.0 52.8 79.2#

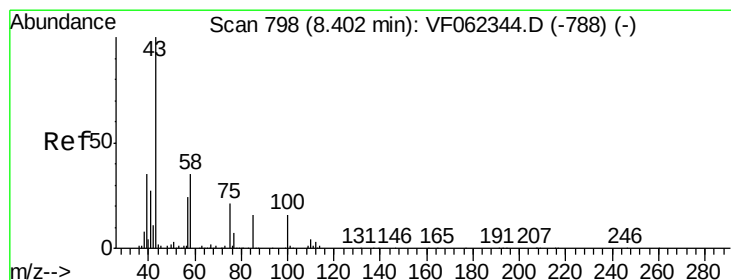
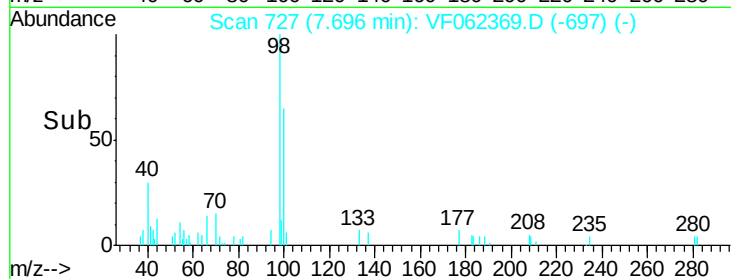
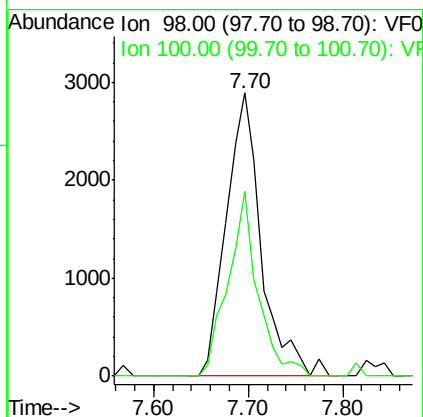
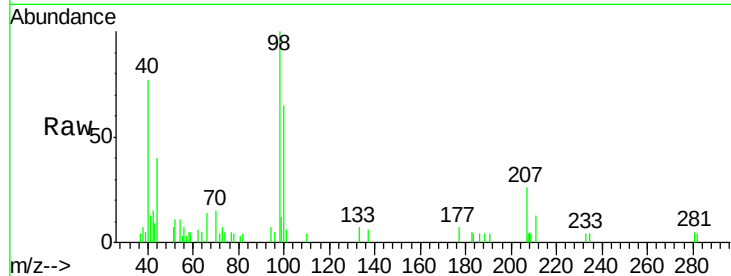




#50
Toluene-d8
Concen: 43.210 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

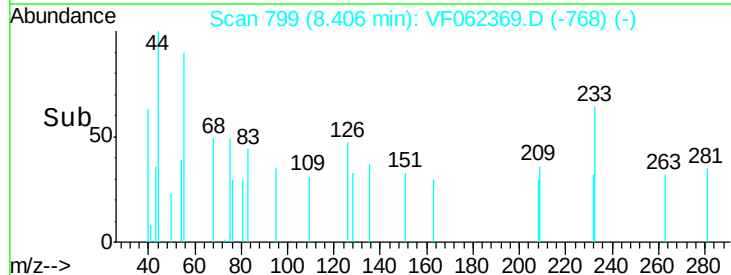
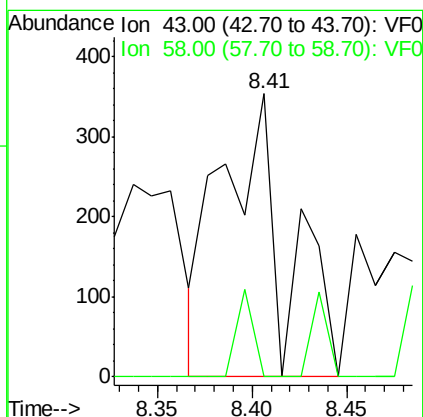
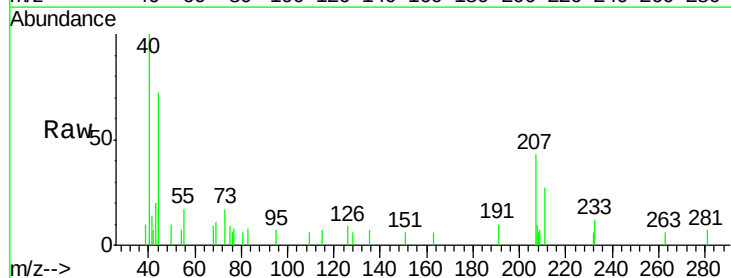
Instrument :
MSVOA_F
ClientSampled :
TP-1

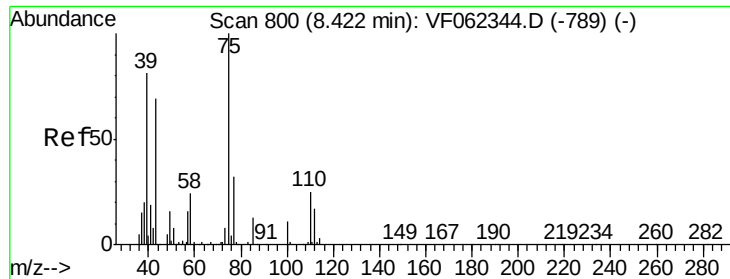
Tot Ion: 98 Resp: 7408
Ion Ratio Lower Upper
98 100
100 56.0 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 32.445 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.00 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 7.5 27.8 41.6#

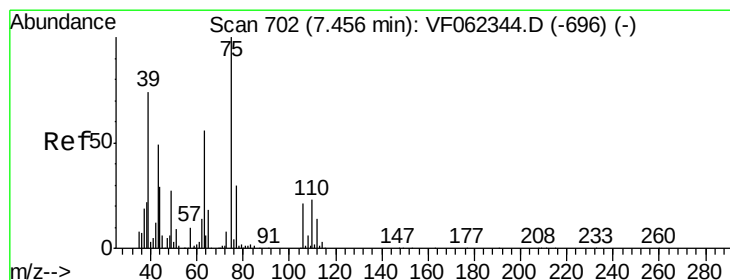
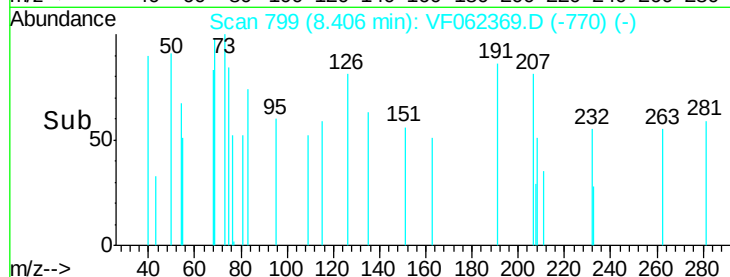
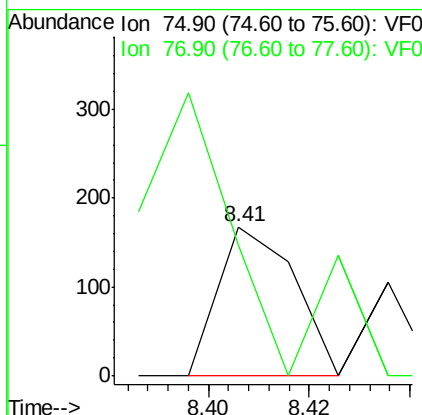
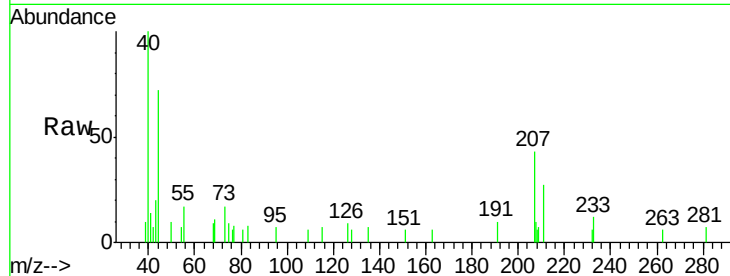




#53
 t-1,3-Dichloropropene
 Concen: 2.930 ug/l
 RT: 8.41 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

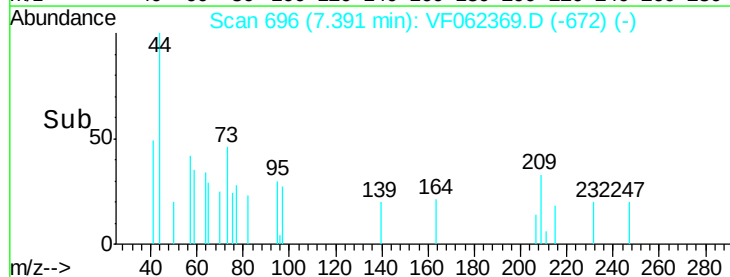
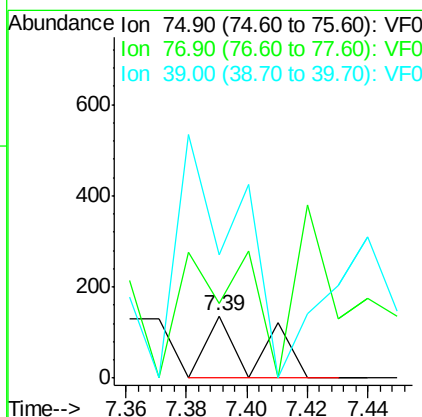
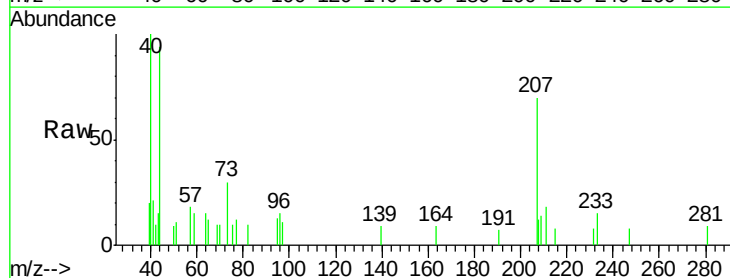
Instrument :
 MSVOA_F
 ClientSampleID :
 TP-1

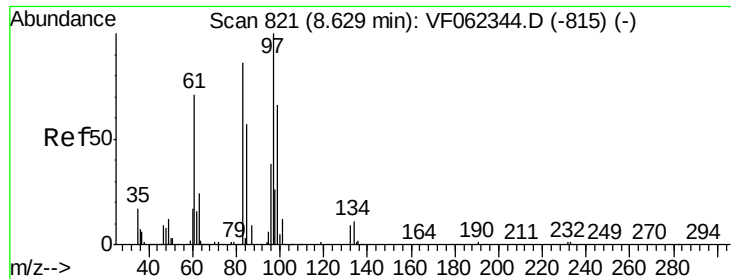
Tot Ion: 75 Resp: 175
 Ion Ratio Lower Upper
 75 100
 77 6.5 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 2.216 ug/l
 RT: 7.39 min Scan# 696
 Delta R.T. -0.07 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

Tgt Ion: 75 Resp: 154
 Ion Ratio Lower Upper
 75 100
 77 25.5 24.0 36.0
 39 49.6 58.7 88.1#





#55

1,1,2-Trichloroethane

Concen: 2.702 ug/l

RT: 8.67 min Scan# 826

Delta R.T. 0.04 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

Tot Ion: 97 Resp: 89

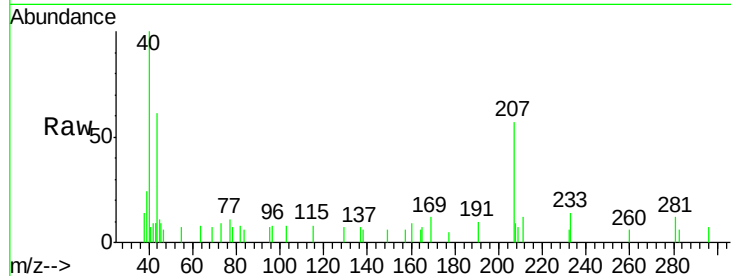
Ion Ratio Lower Upper

97 100

83 71.3 68.5 102.7

85 0.0 45.4 68.2#

99 0.0 52.7 79.1#

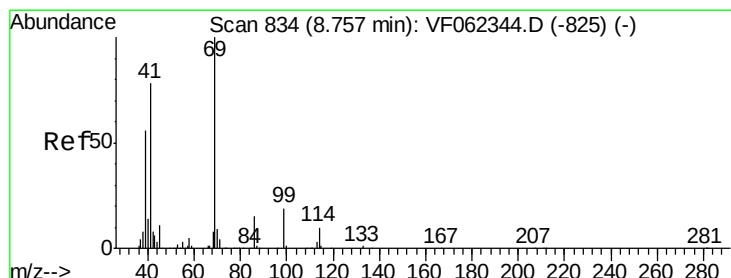
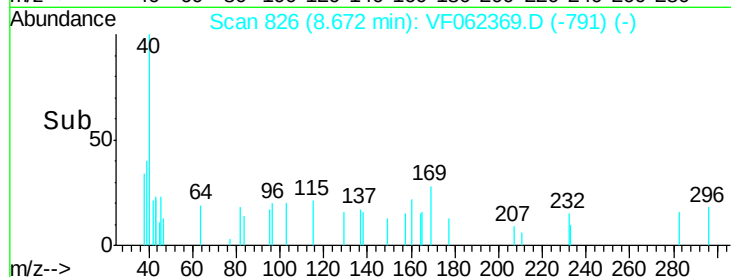
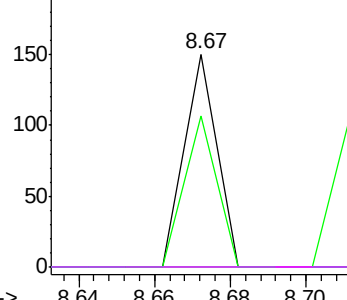


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 4.976 ug/l

RT: 8.72 min Scan# 831

Delta R.T. -0.04 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

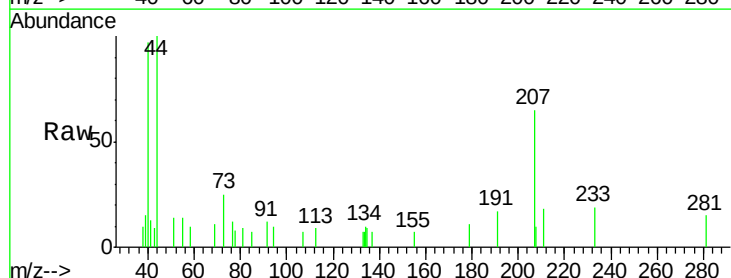
Tgt Ion: 69 Resp: 173

Ion Ratio Lower Upper

69 100

41 0.0 66.3 99.5#

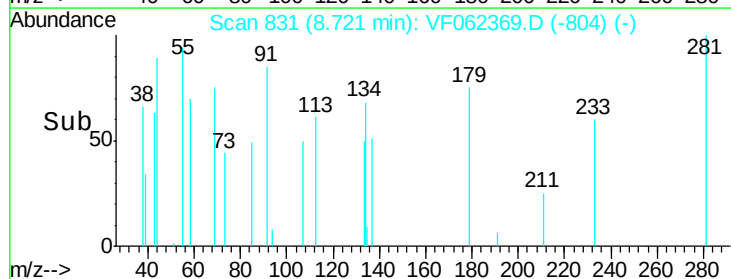
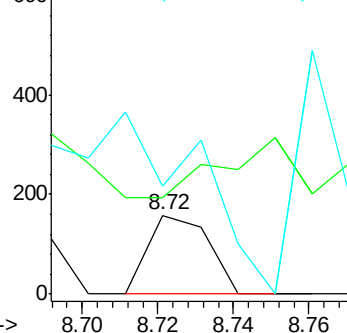
39 0.0 50.1 75.1#

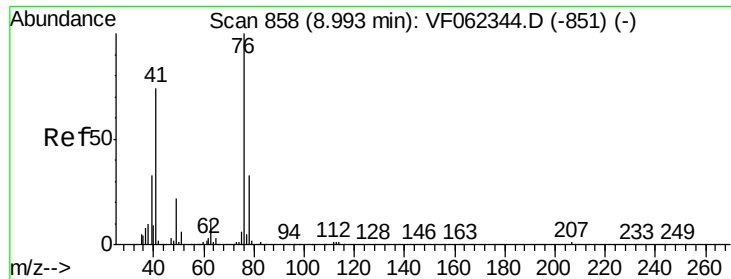


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 1.447 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.01 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampleId :

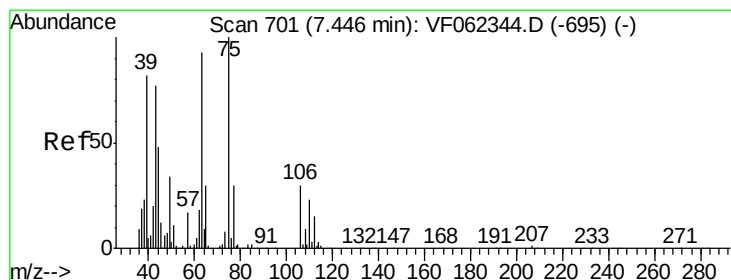
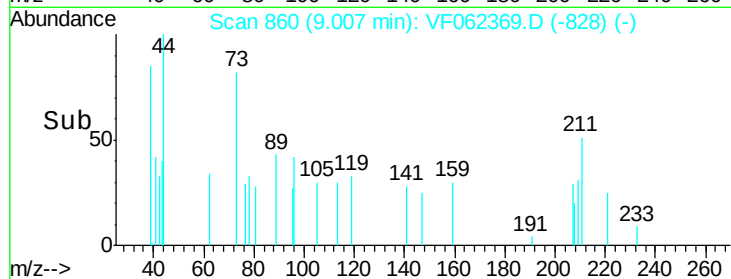
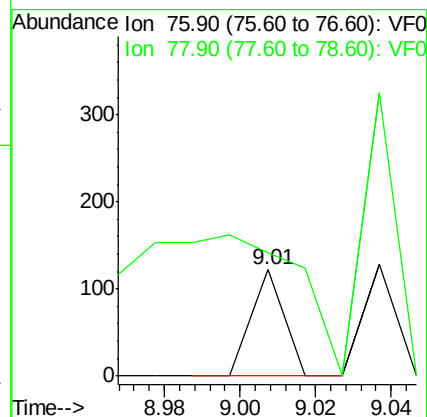
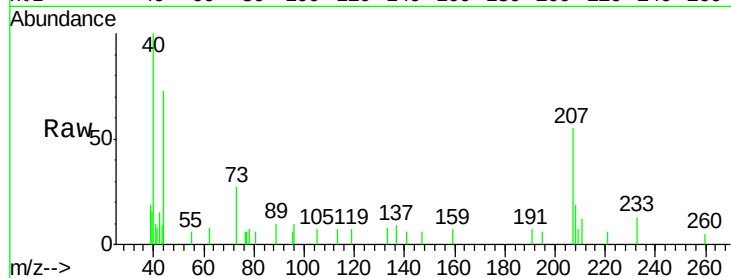
TP-1

Tot Ion: 76 Resp: 72

Ion Ratio Lower Upper

76 100

78 700.0 26.4 39.6#



#58

2-Chloroethyl Vinyl ether

Concen: 6.697 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.03 min

Lab File: VF062369.D

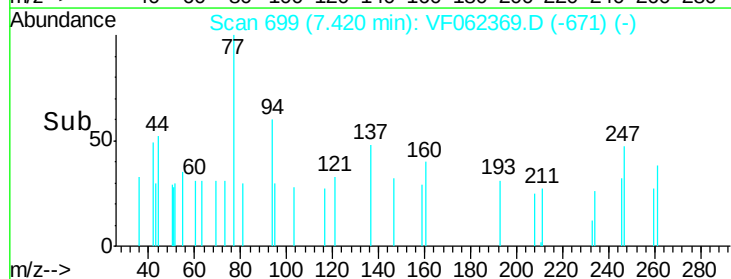
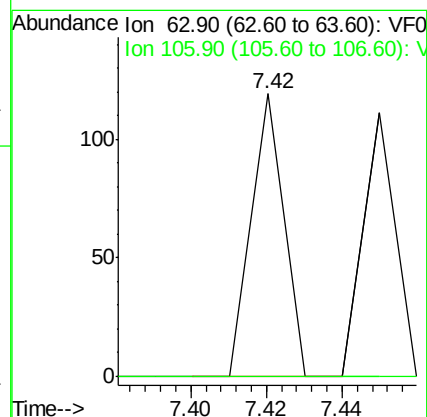
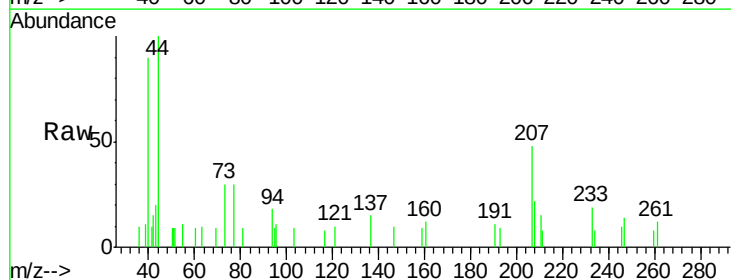
Acq: 7 May 2019 20:40

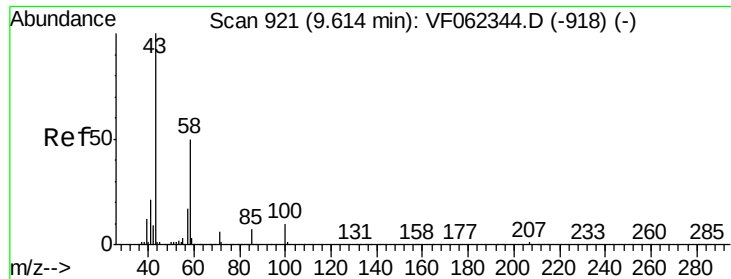
Tgt Ion: 63 Resp: 70

Ion Ratio Lower Upper

63 100

106 0.0 25.8 38.8#

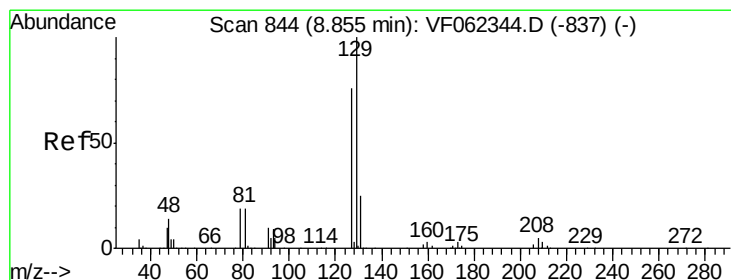
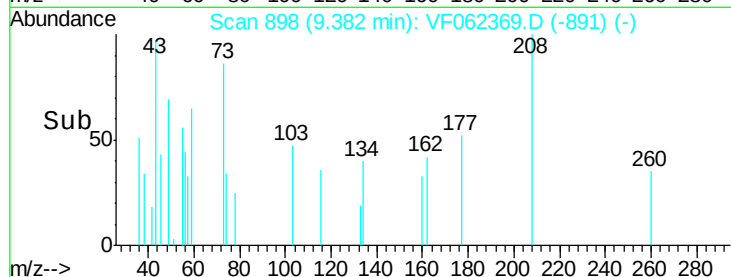
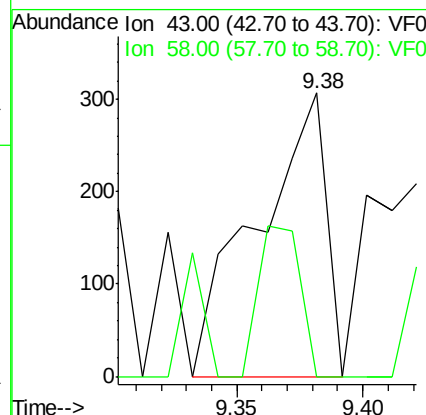
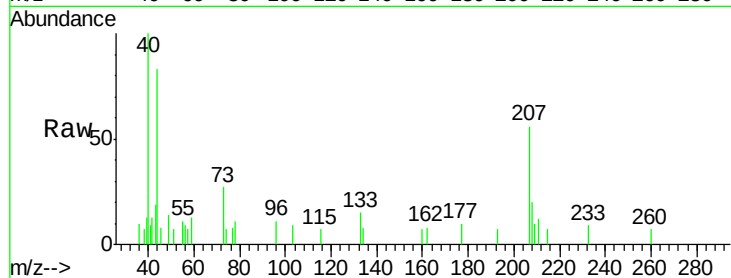




#59
2-Hexanone
Concen: 32.301 ug/l
RT: 9.38 min Scan# 898
Delta R.T. -0.23 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

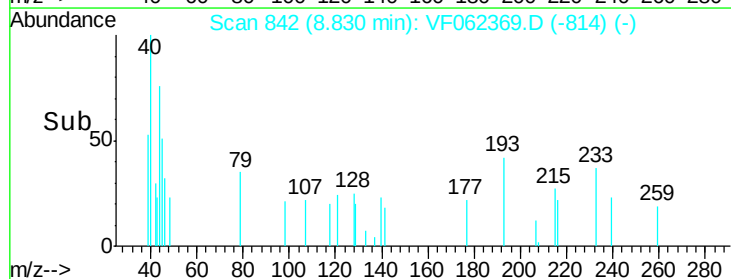
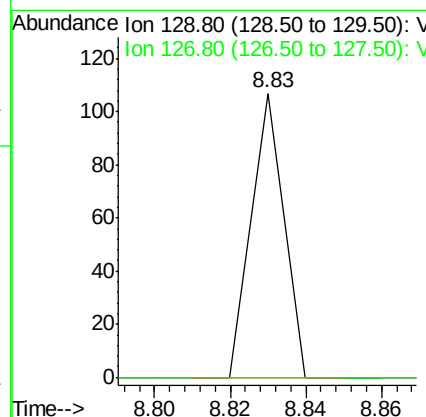
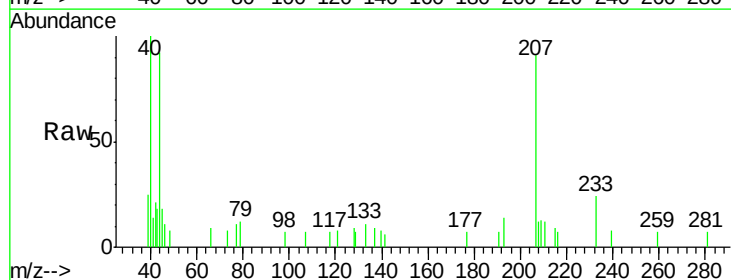
Instrument :
MSVOA_F
ClientSampled :
TP-1

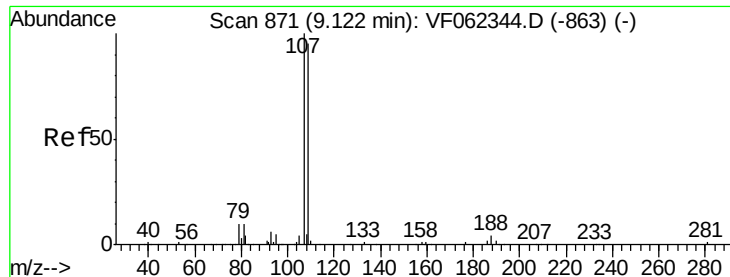
Tot Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 32.1 24.3 73.0



#60
Dibromochloromethane
Concen: 1.170 ug/l
RT: 8.83 min Scan# 842
Delta R.T. -0.03 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 129 Resp: 63
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#61

1,2-Dibromoethane

Concen: 1.860 ug/l

RT: 9.08 min Scan# 867

Delta R.T. -0.05 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

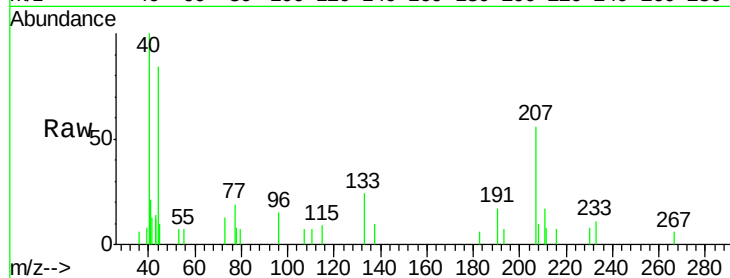
TP-1

Tot Ion:107 Resp: 72

Ion Ratio Lower Upper

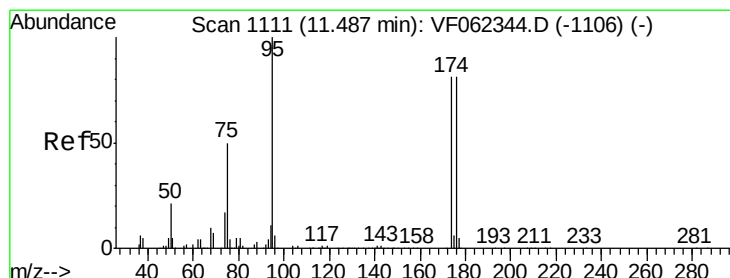
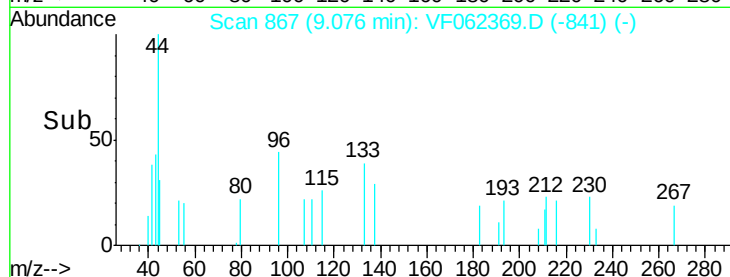
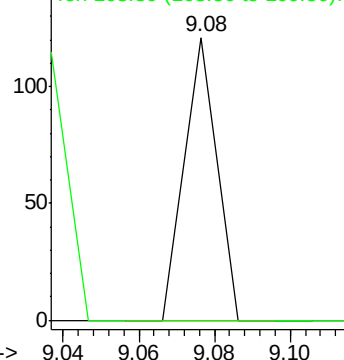
107 100

109 0.0 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 28.805 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

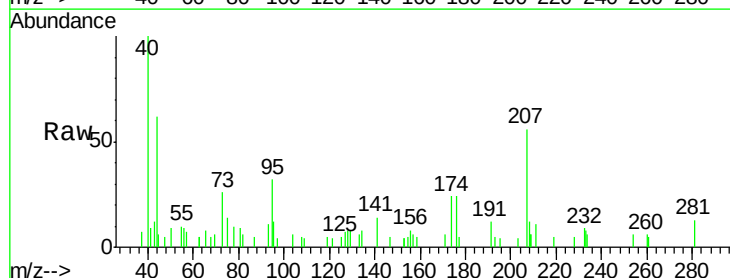
Tgt Ion: 95 Resp: 2228

Ion Ratio Lower Upper

95 100

174 68.4 0.0 191.8

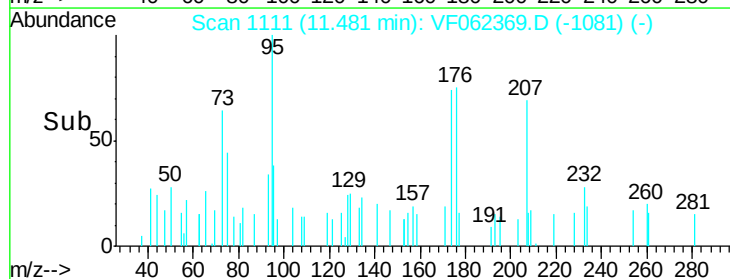
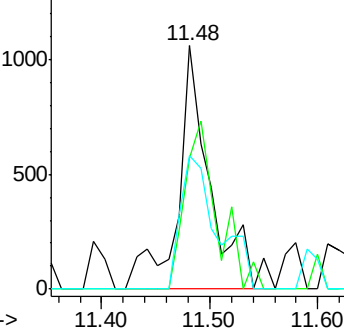
176 62.4 0.0 193.2

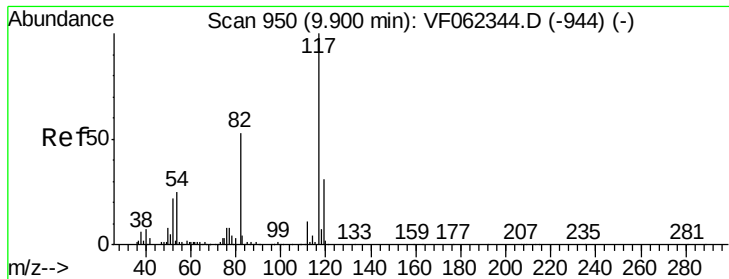


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 951

Delta R.T. 0.00 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :
MSVOA_F
ClientSampleId :
TP-1

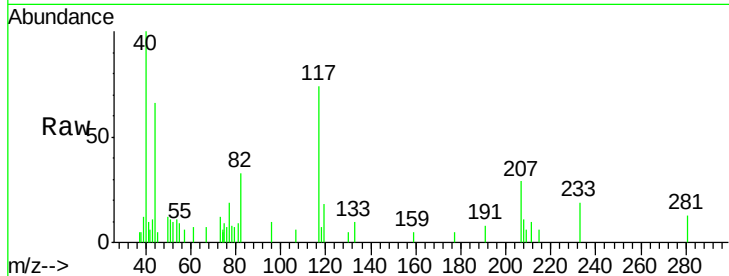
Tot Ion:117 Resp: 4643

Ion Ratio Lower Upper

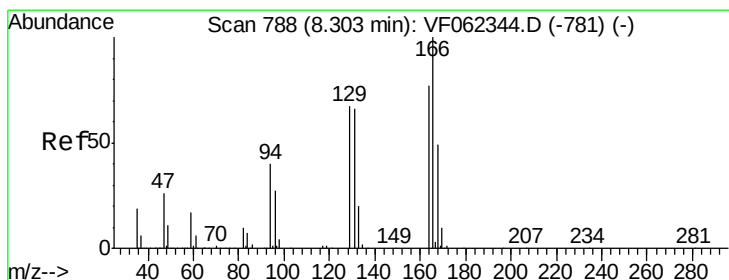
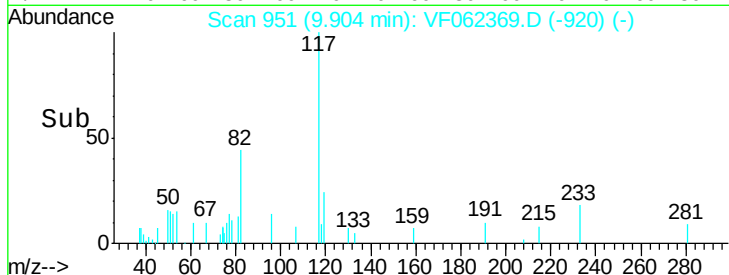
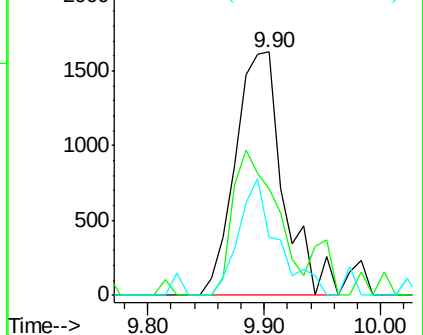
117 100

82 43.8 42.2 63.2

119 23.7 25.0 37.4#



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



#64

Tetrachloroethene

Concen: 1.618 ug/l

RT: 8.06 min Scan# 764

Delta R.T. -0.24 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Tgt Ion:164 Resp: 61

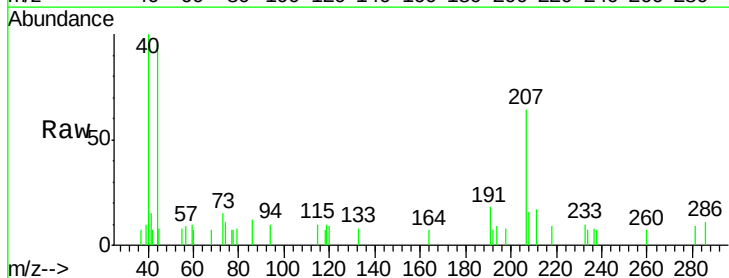
Ion Ratio Lower Upper

164 100

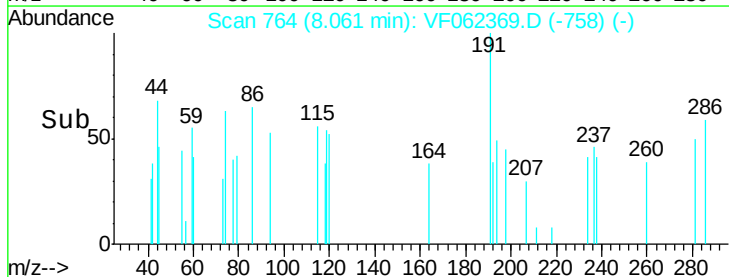
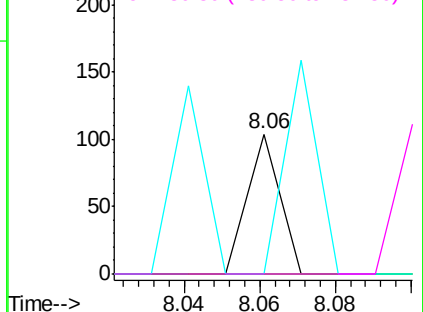
166 0.0 104.2 156.4#

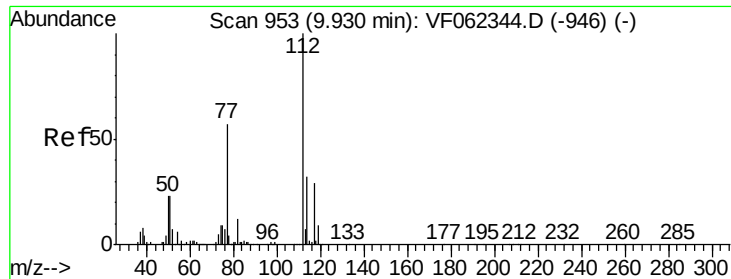
129 0.0 69.6 104.4#

131 0.0 68.8 103.2#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

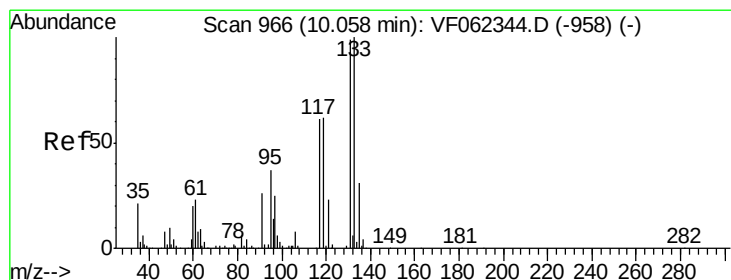
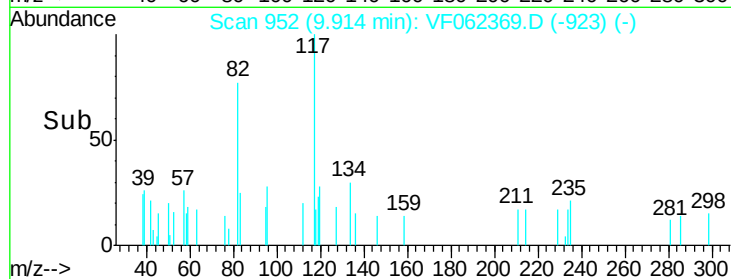
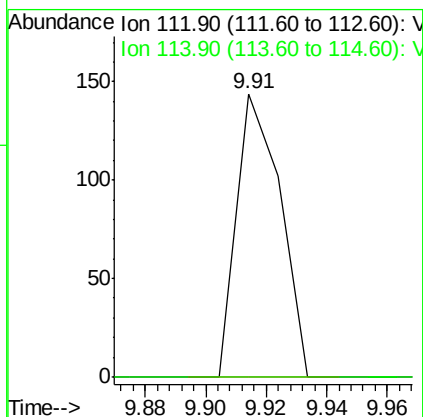
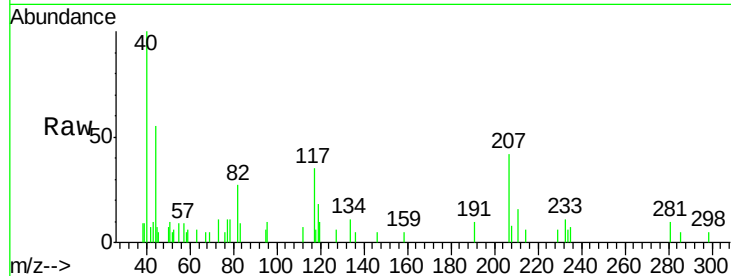




#65
Chlorobenzene
Concen: 1.901 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

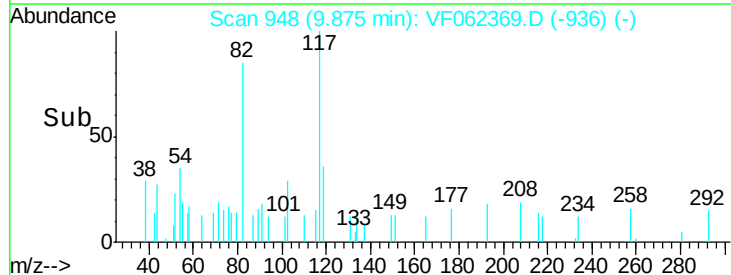
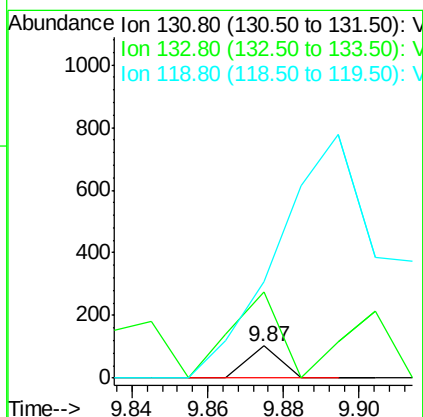
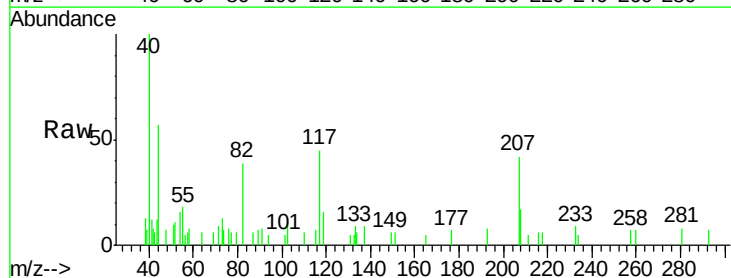
Instrument :
MSVOA_F
ClientSampleId :
TP-1

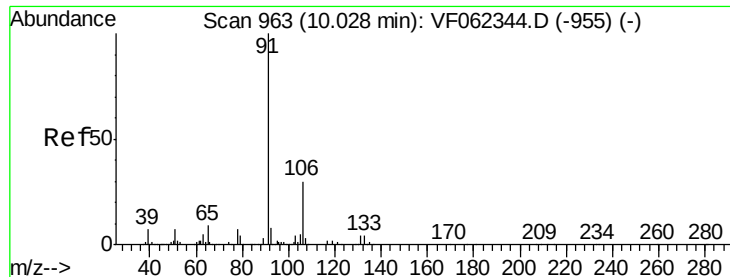
Tot Ion:112 Resp: 146
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 1.574 ug/l
RT: 9.87 min Scan# 948
Delta R.T. -0.18 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion:131 Resp: 61
Ion Ratio Lower Upper
131 100
133 401.6 50.2 150.7#
119 0.0 31.6 95.0#





#67

Ethyl Benzene

Concen: 3.940 ug/l

RT: 10.02 min Scan# 963

Delta R.T. -0.01 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

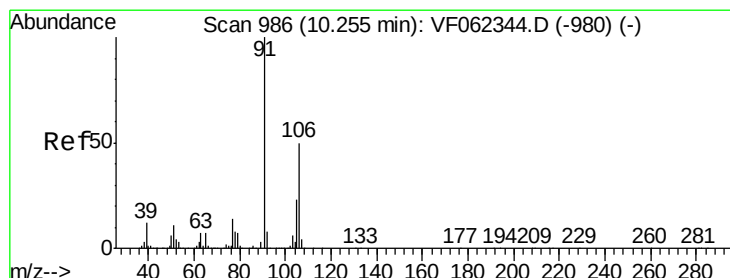
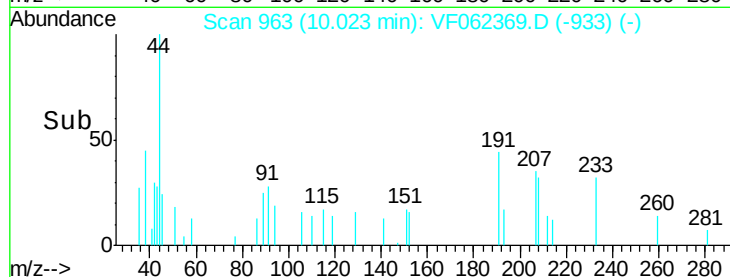
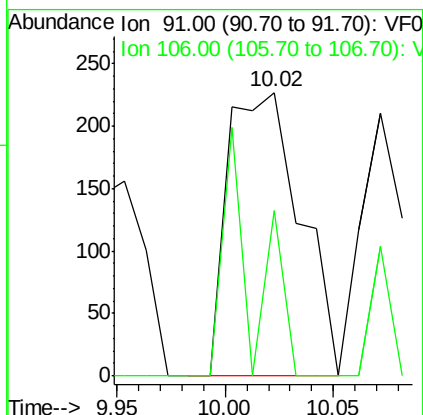
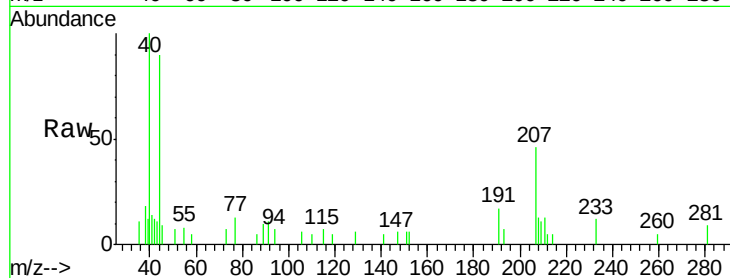
Instrument :
MSVOA_F
ClientSampled :
TP-1

Tot Ion: 91 Resp: 530

Ion Ratio Lower Upper

91 100

106 58.6 24.1 36.1#



#68

m/p-Xylenes

Concen: 6.891 ug/l

RT: 10.24 min Scan# 985

Delta R.T. -0.02 min

Lab File: VF062369.D

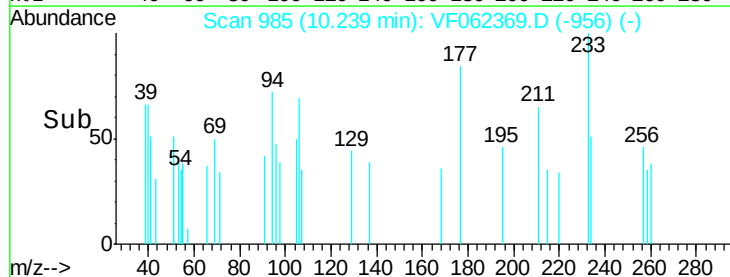
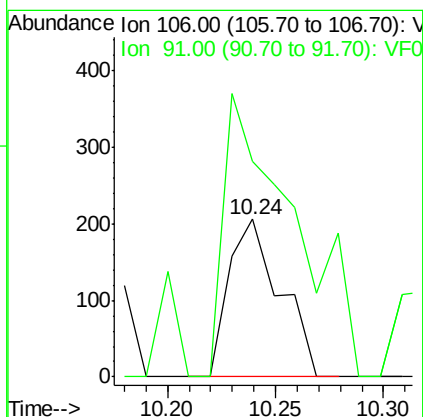
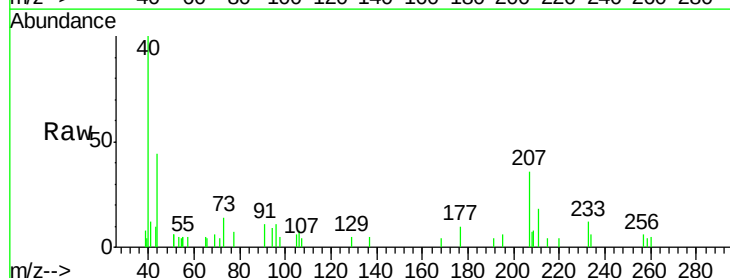
Acq: 7 May 2019 20:40

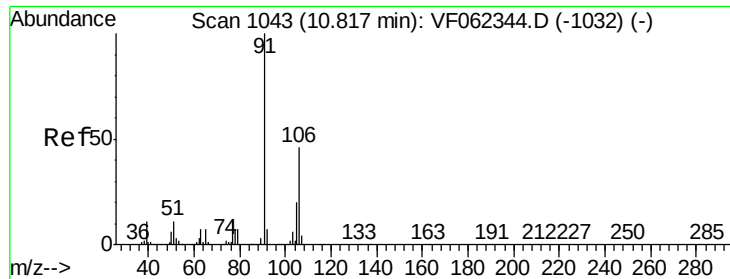
Tgt Ion: 106 Resp: 342

Ion Ratio Lower Upper

106 100

91 269.9 167.4 251.2#

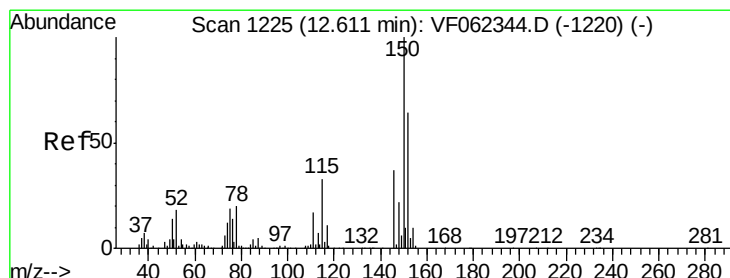
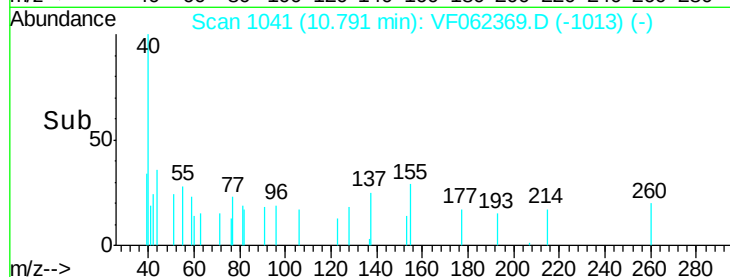
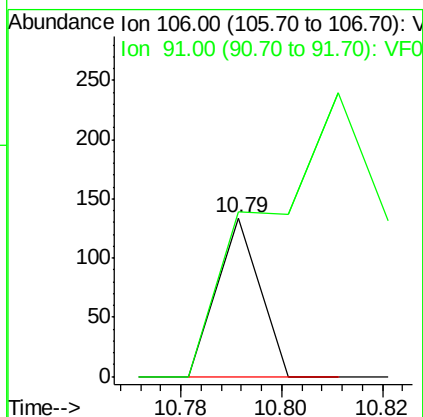
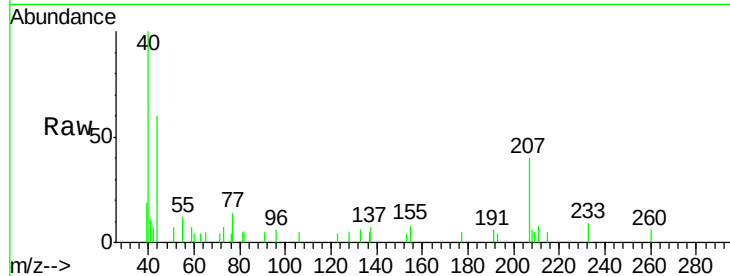




#69
o-Xylene
Concen: 1.473 ug/l
RT: 10.79 min Scan# 1041
Delta R.T. -0.03 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

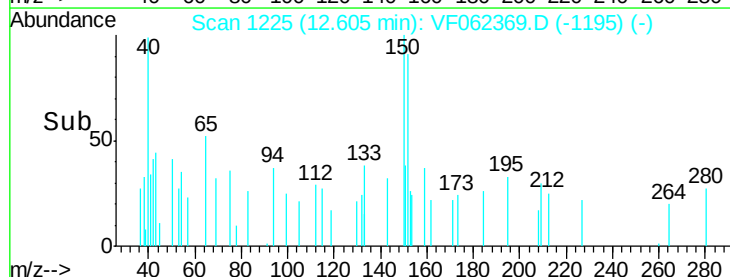
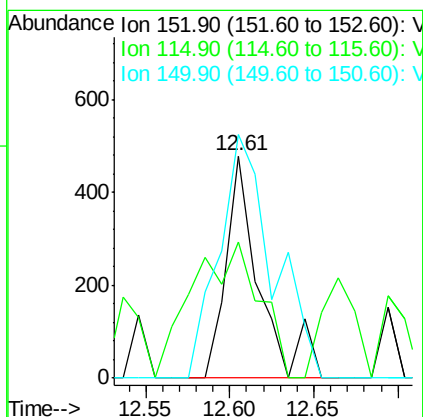
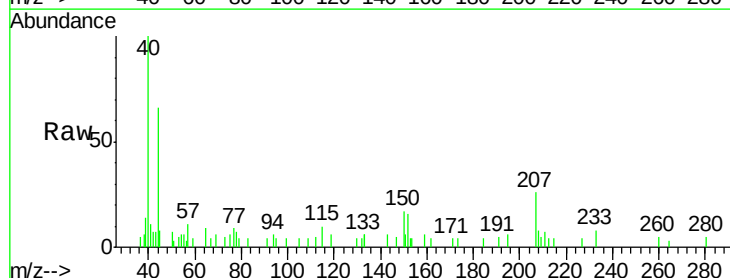
Instrument :
MSVOA_F
ClientSampled :
TP-1

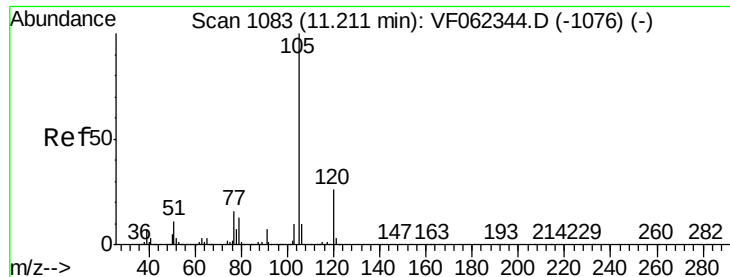
Tot Ion:106 Resp: 79
Ion Ratio Lower Upper
106 100
91 563.3 111.3 333.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion:152 Resp: 652
Ion Ratio Lower Upper
152 100
115 124.7 26.4 79.2#
150 179.0 0.0 335.0





#73

Isopropylbenzene

Concen: 12.030 ug/l

RT: 11.20 min Scan# 1082

Delta R.T. -0.02 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

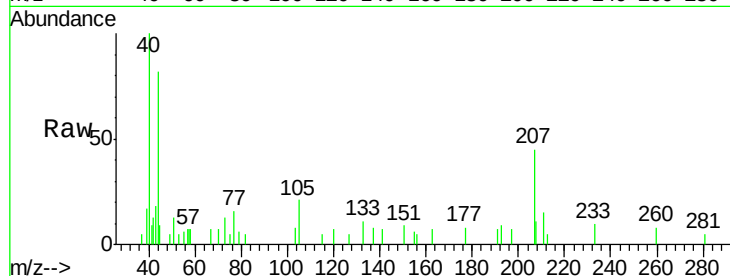
TP-1

Tot Ion:105 Resp: 465

Ion Ratio Lower Upper

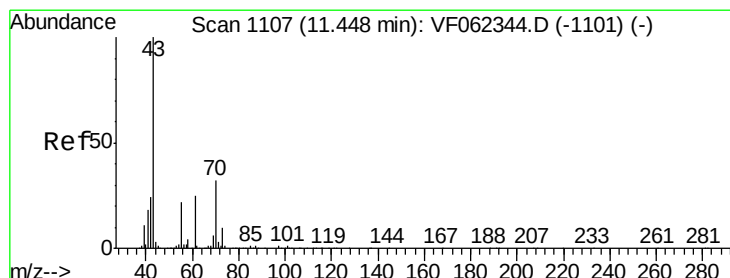
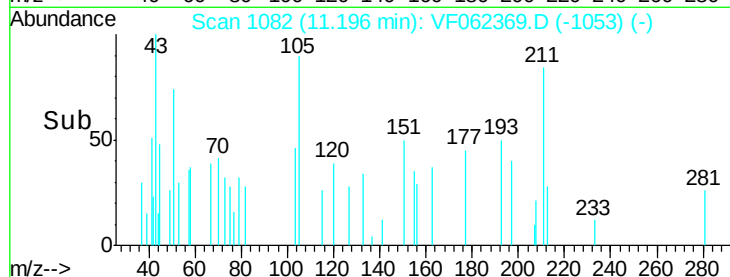
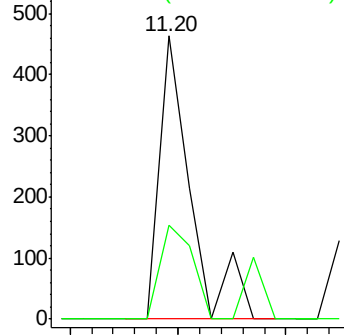
105 100

120 34.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 69.171 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.04 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Tgt Ion: 43 Resp: 574

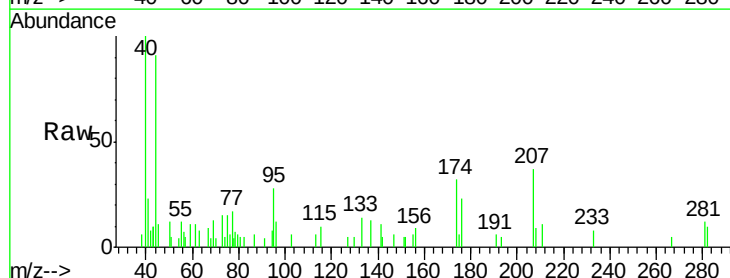
Ion Ratio Lower Upper

43 100

70 29.4 26.5 39.7

55 0.0 17.8 26.6#

61 46.5 20.2 30.2#

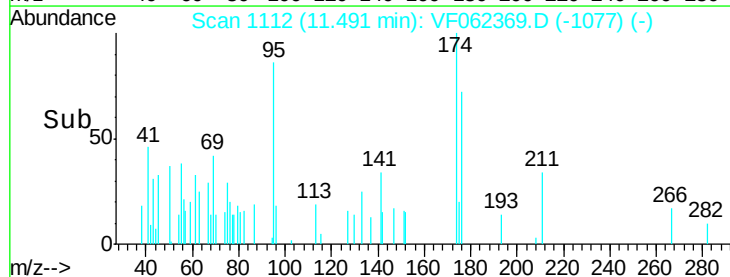
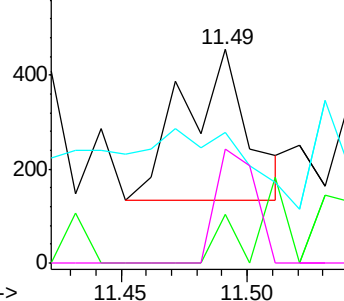


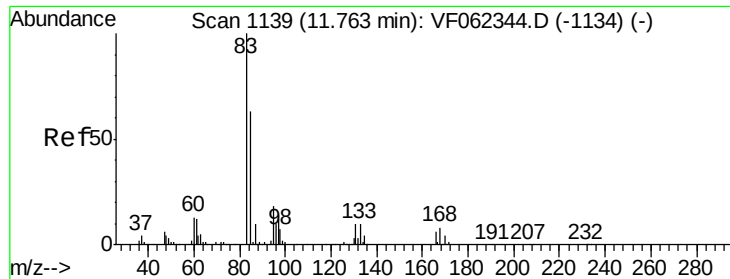
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 12.227 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

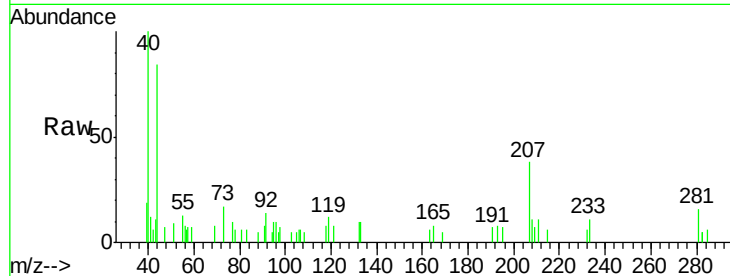
Tot Ion: 83 Resp: 74

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

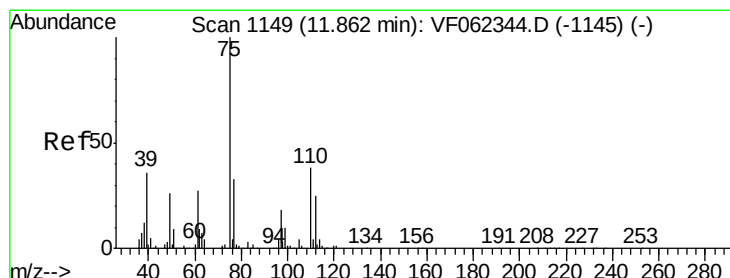
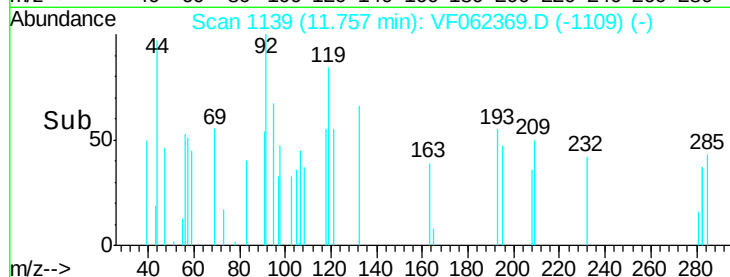
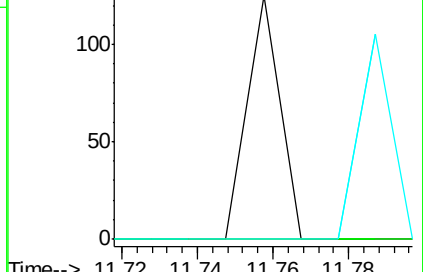
85 0.0 35.3 105.7#



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): VF0

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 96.159 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.00 min

Lab File: VF062369.D

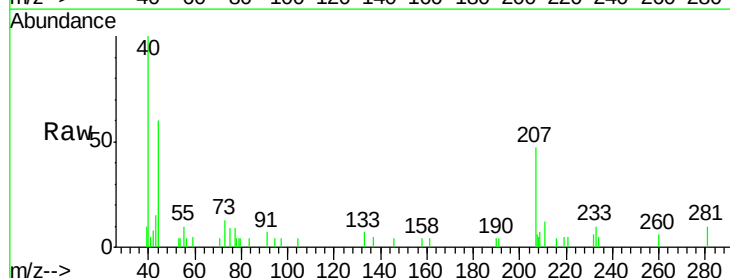
Acq: 7 May 2019 20:40

Tgt Ion: 75 Resp: 444

Ion Ratio Lower Upper

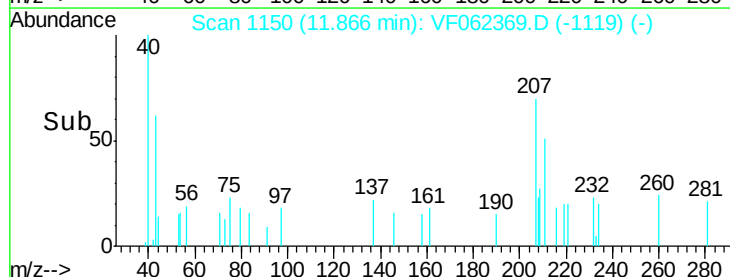
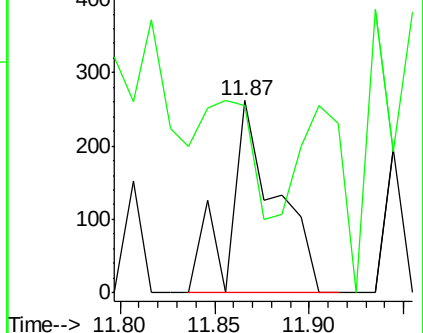
75 100

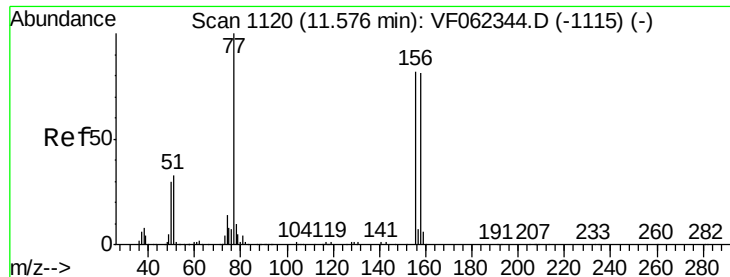
77 62.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0

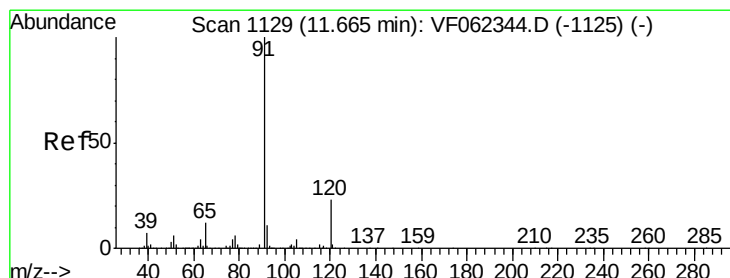
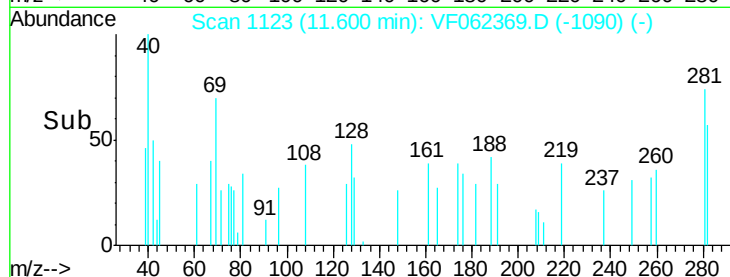
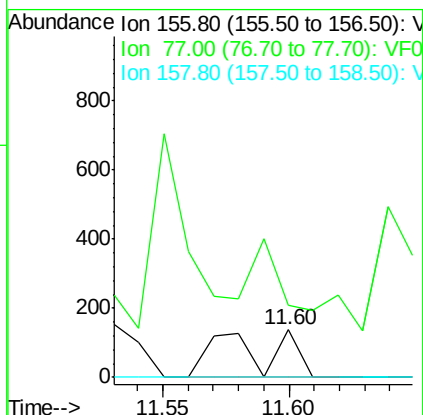
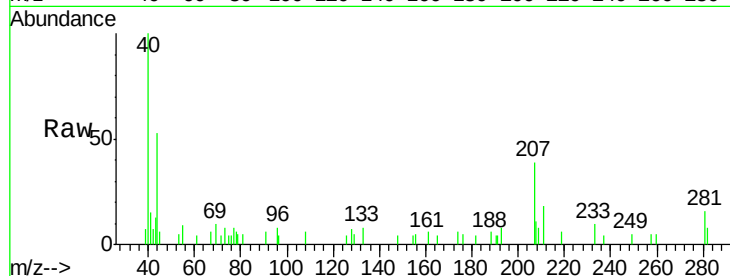




#77
Bromobenzene
Concen: 22.476 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. 0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

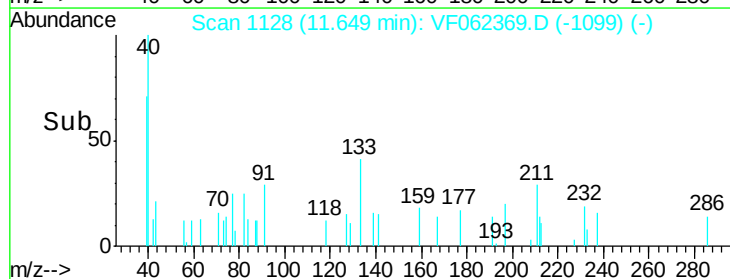
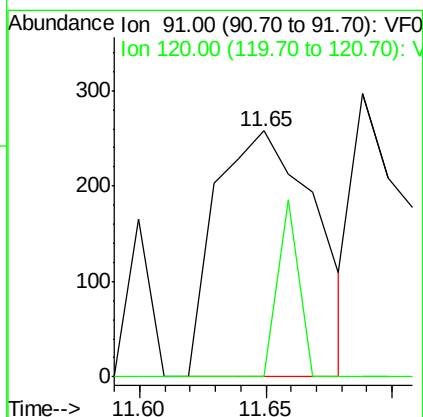
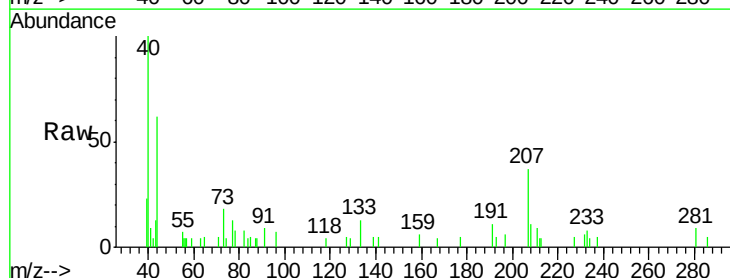
Instrument :
MSVOA_F
ClientSampled :
TP-1

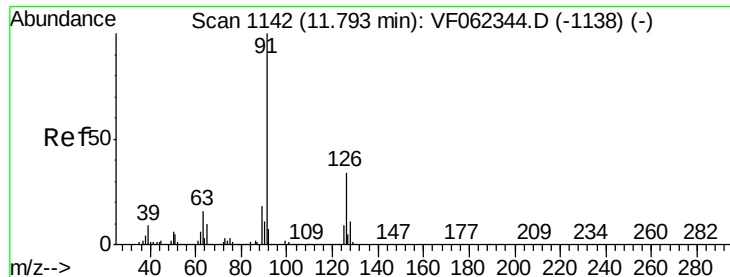
Tot Ion:156 Resp: 228
Ion Ratio Lower Upper
156 100
77 0.0 64.8 194.3#
158 0.0 49.1 147.3#



#78
n-propylbenzene
Concen: 17.326 ug/l
RT: 11.65 min Scan# 1128
Delta R.T. -0.02 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion: 91 Resp: 713
Ion Ratio Lower Upper
91 100
120 15.4 11.9 35.5

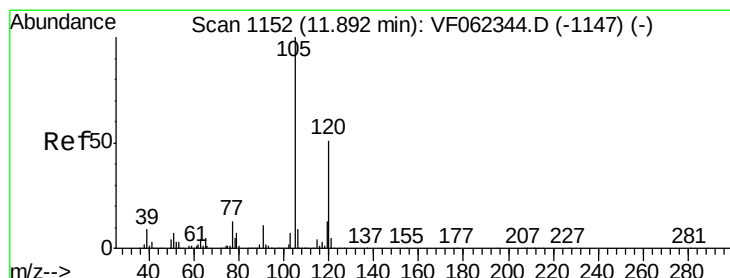
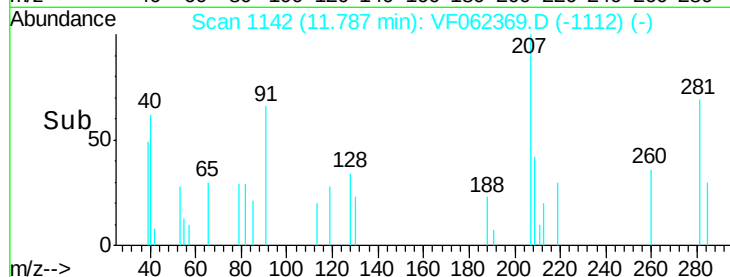
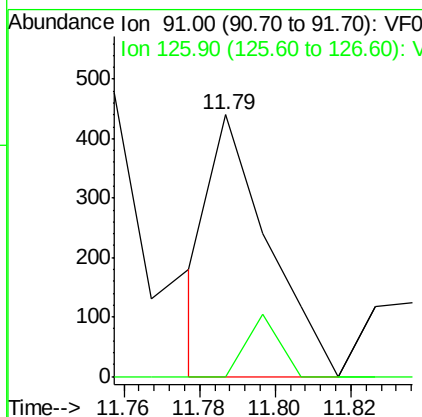
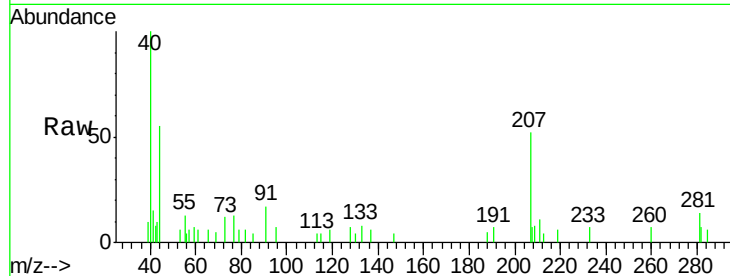




#79
 2-Chlorotoluene
 Concen: 18.445 ug/l
 RT: 11.79 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

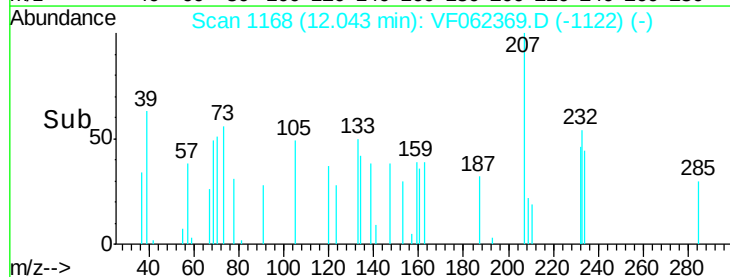
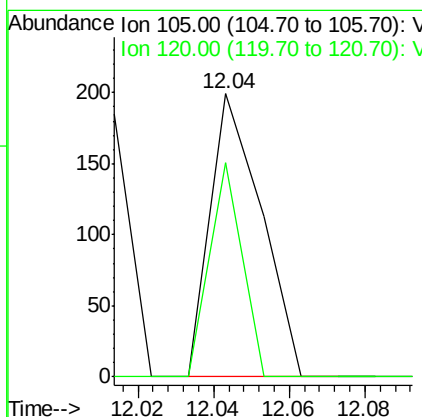
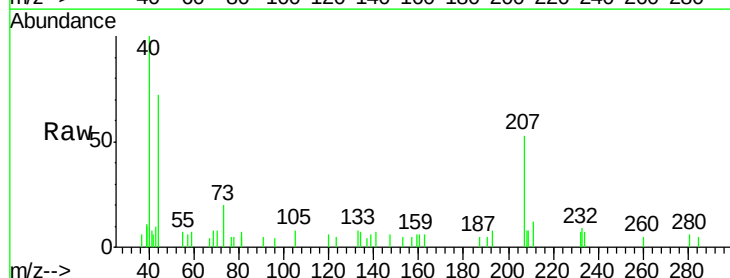
Instrument :
 MSVOA_F
 ClientSampled :
 TP-1

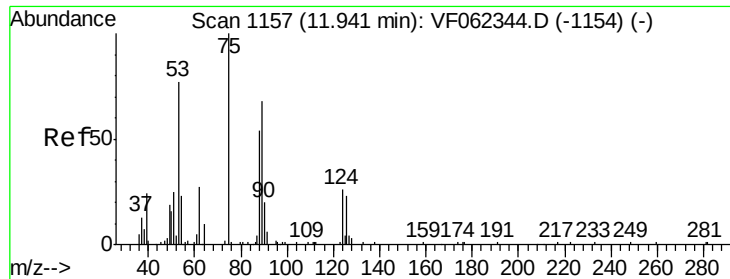
Tot Ion: 91 Resp: 472
 Ion Ratio Lower Upper
 91 100
 126 13.1 17.8 53.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.431 ug/l
 RT: 12.04 min Scan# 1168
 Delta R.T. 0.15 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

Tgt Ion: 105 Resp: 184
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 66.259 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

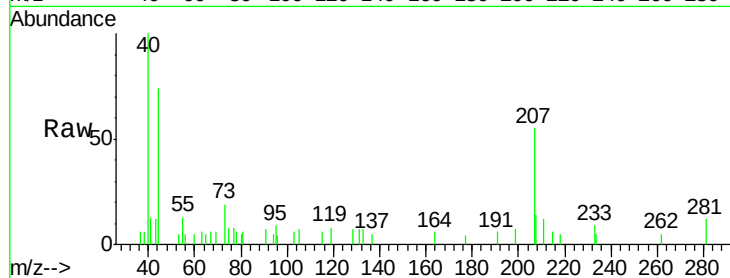
Tot Ion: 75 Resp: 115

Ion Ratio Lower Upper

75 100

53 206.1 71.9 107.9#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0

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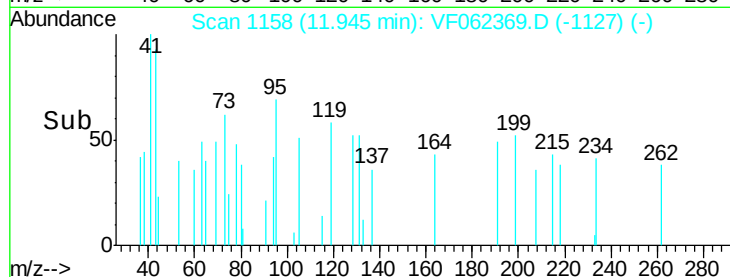
11.96

11.96

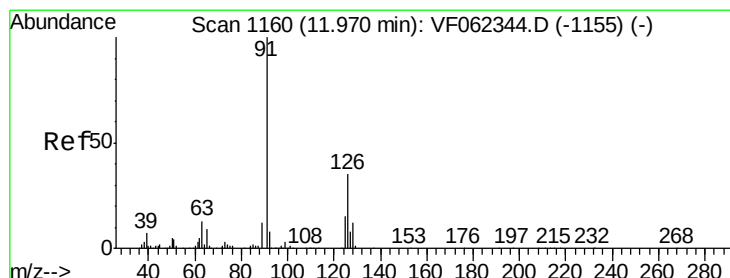
11.96

11.96

11.96



Time-->



#82

4-Chlorotoluene

Concen: 12.028 ug/l

RT: 12.12 min Scan# 1176

Delta R.T. 0.15 min

Lab File: VF062369.D

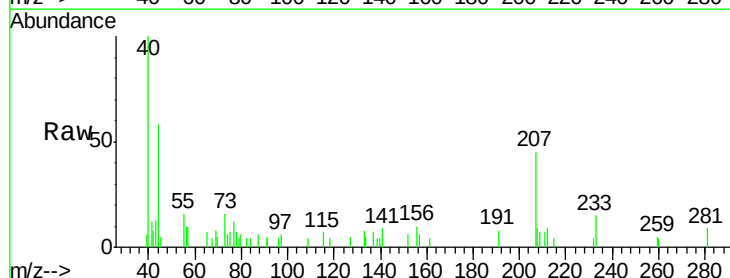
Acq: 7 May 2019 20:40

Tgt Ion: 91 Resp: 304

Ion Ratio Lower Upper

91 100

126 22.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

12.12

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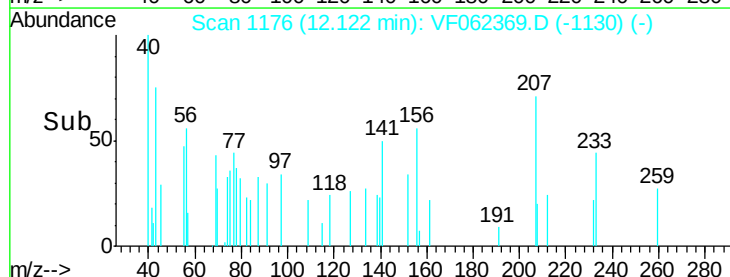
12.15

12.15

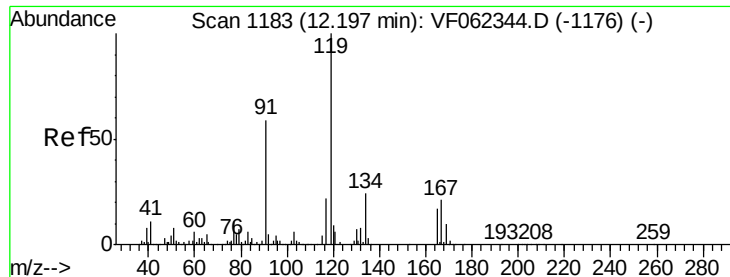
12.15

12.15

12.15



Time-->



#83

tert-Butylbenzene

Concen: 12.639 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. 0.09 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

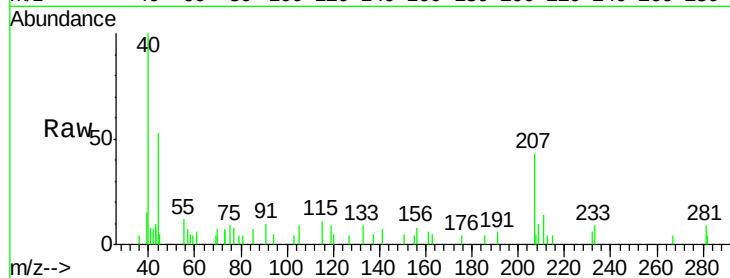
Tot Ion:119 Resp: 450

Ion Ratio Lower Upper

119 100

91 74.9 30.4 91.3

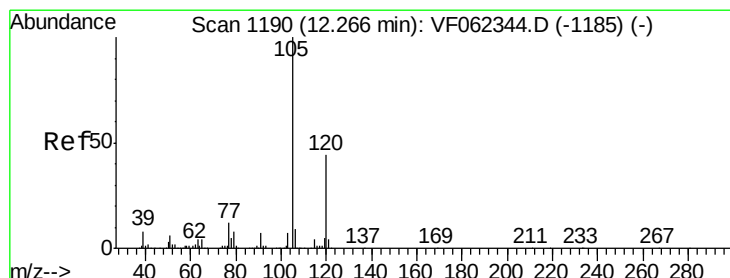
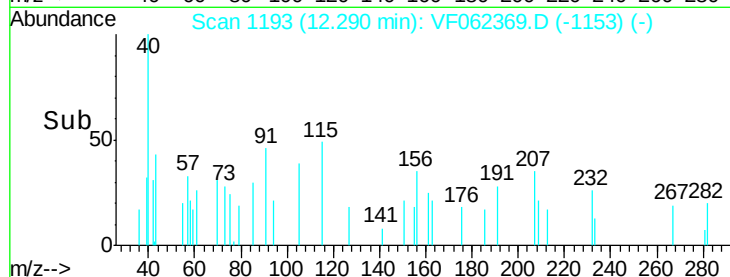
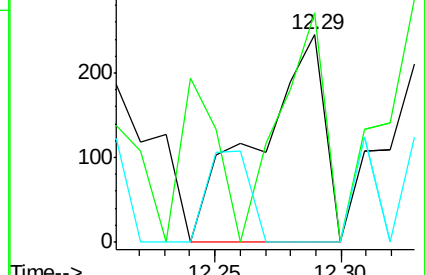
134 32.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.088 ug/l

RT: 12.25 min Scan# 1189

Delta R.T. -0.02 min

Lab File: VF062369.D

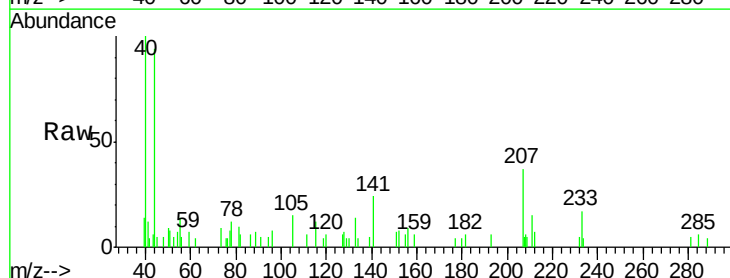
Acq: 7 May 2019 20:40

Tgt Ion:105 Resp: 235

Ion Ratio Lower Upper

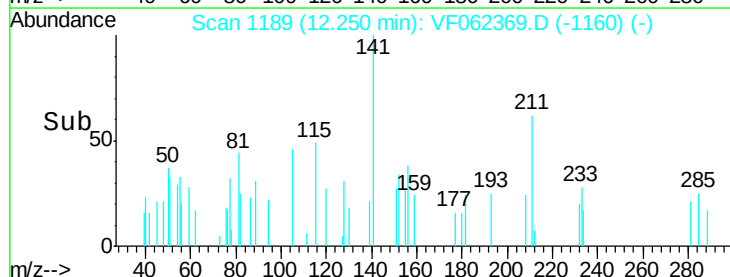
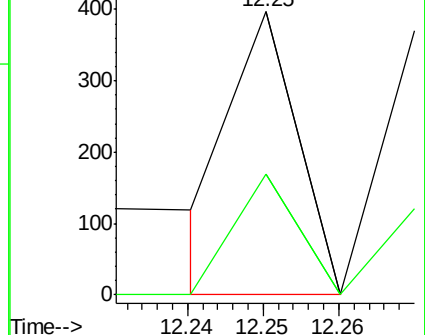
105 100

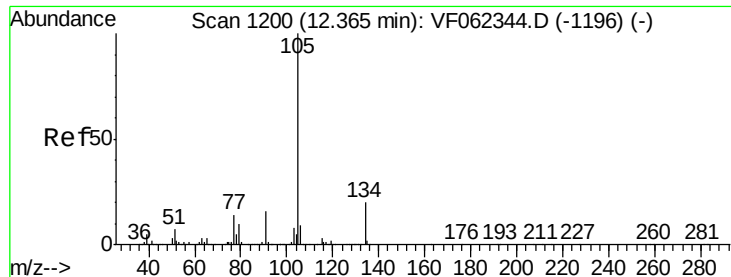
120 42.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 12.806 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.09 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

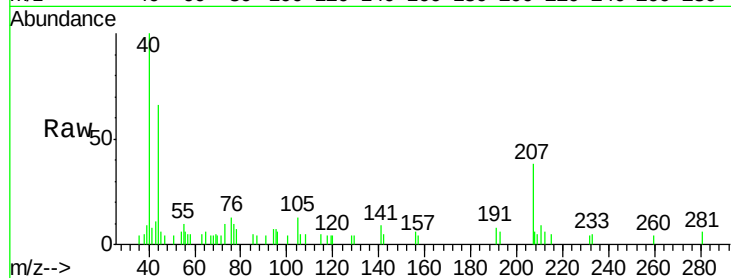
TP-1

Tot Ion:105 Resp: 555

Ion Ratio Lower Upper

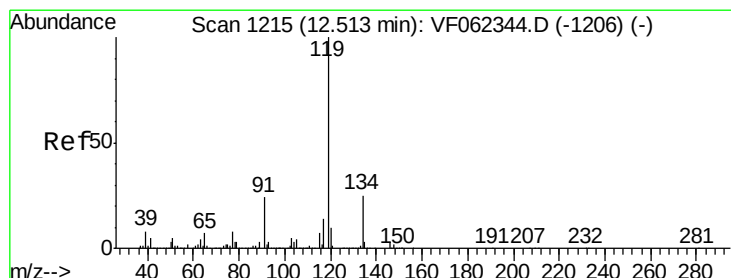
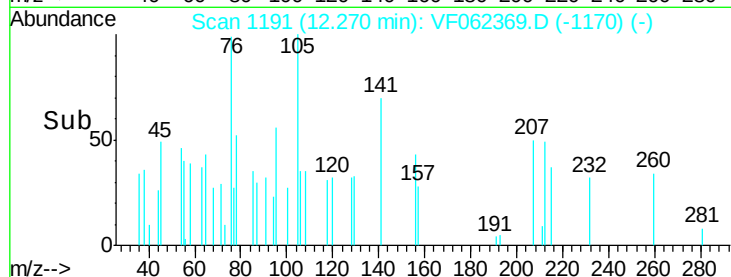
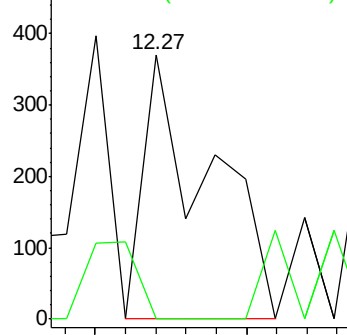
105 100

134 22.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.419 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

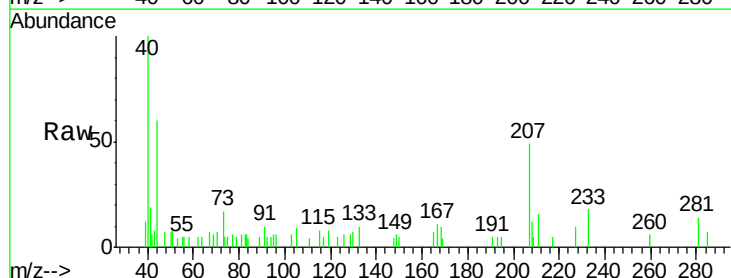
Tgt Ion:119 Resp: 339

Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

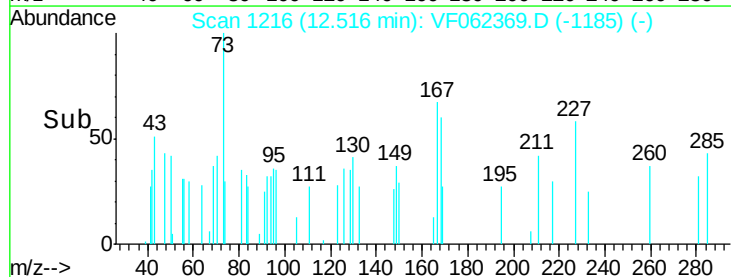
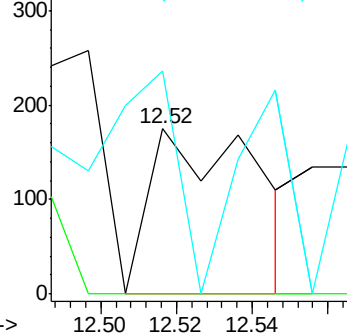
91 0.0 12.3 36.8#

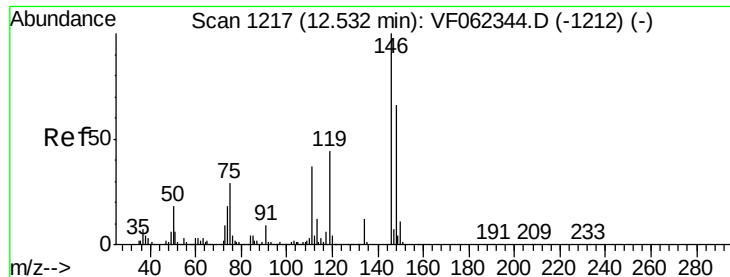


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 9.284 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.01 min

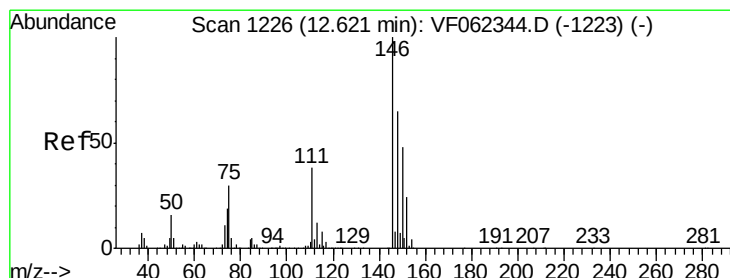
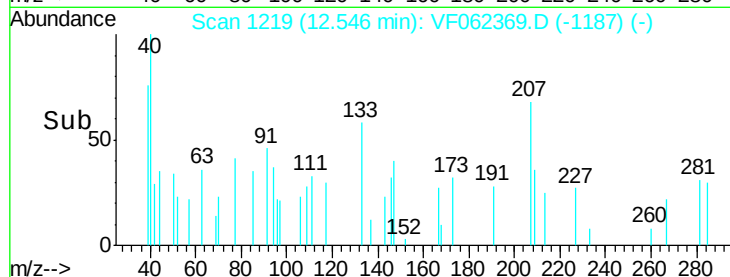
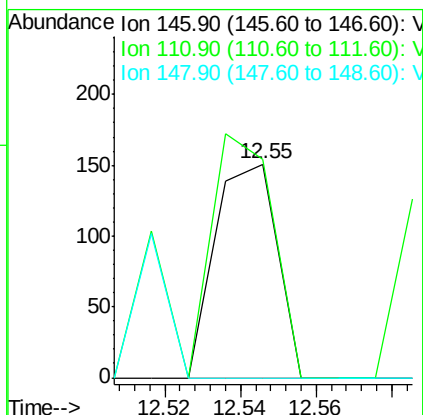
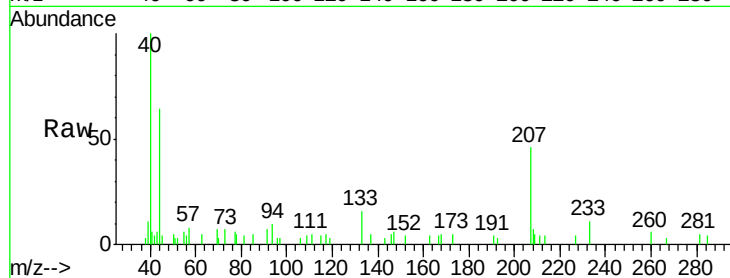
Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :
MSVOA_F
ClientSampled :
TP-1

Tot Ion:146 Resp: 172

Ion	Ratio	Lower	Upper
146	100		
111	147.7	18.3	54.8#
148	0.0	32.3	96.9#



#88

1,4-Dichlorobenzene

Concen: 3.467 ug/l

RT: 12.62 min Scan# 1227

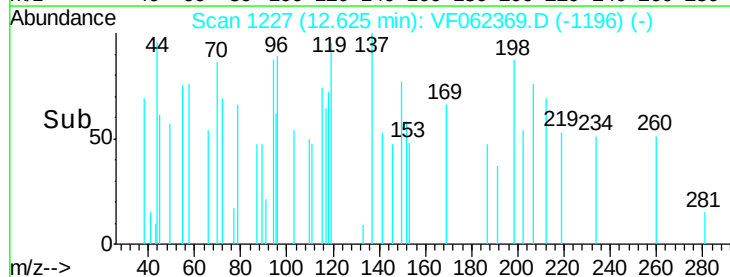
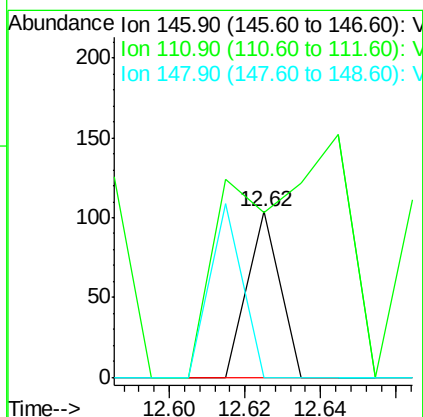
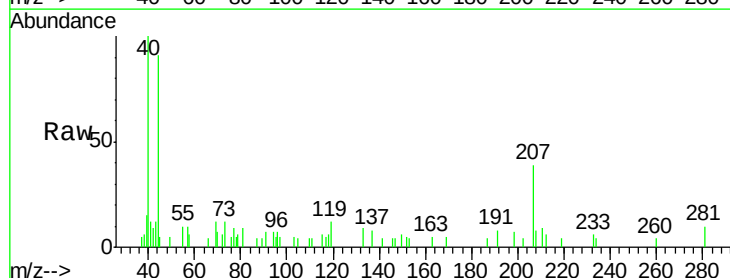
Delta R.T. 0.00 min

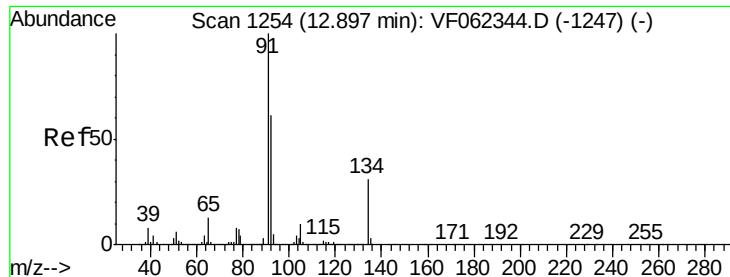
Lab File: VF062369.D

Acq: 7 May 2019 20:40

Tgt Ion:146 Resp: 62

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.8	56.3#
148	103.2	32.2	96.6#





#89

n-Butylbenzene

Concen: 11.082 ug/l

RT: 13.07 min Scan# 1272

Delta R.T. 0.17 min

Lab File: VF062369.D

Acq: 7 May 2019 20:40

Instrument :

MSVOA_F

ClientSampled :

TP-1

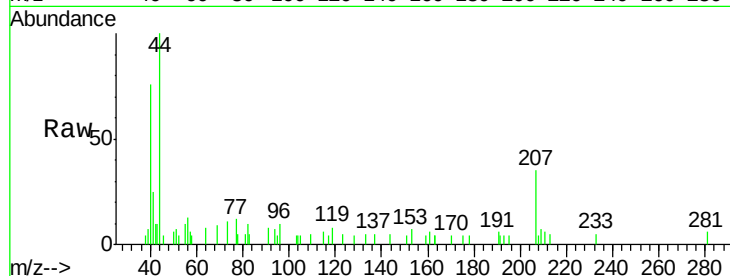
Tot Ion: 91 Resp: 397

Ion Ratio Lower Upper

91 100

92 36.8 30.0 90.0

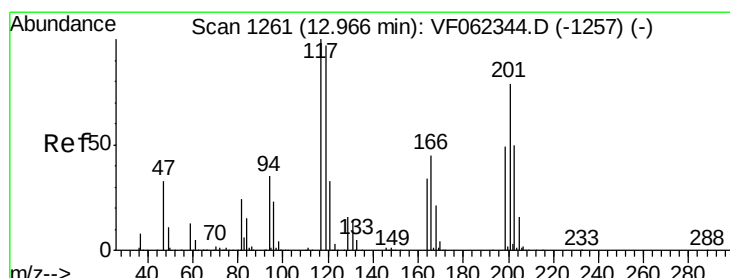
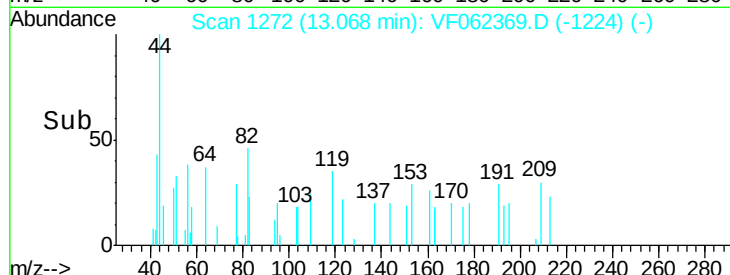
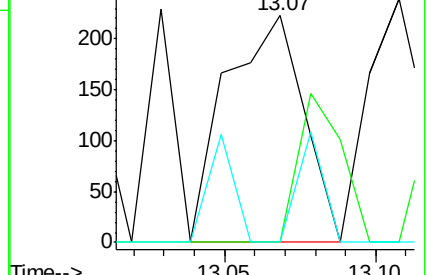
134 16.1 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 15.915 ug/l

RT: 12.97 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VF062369.D

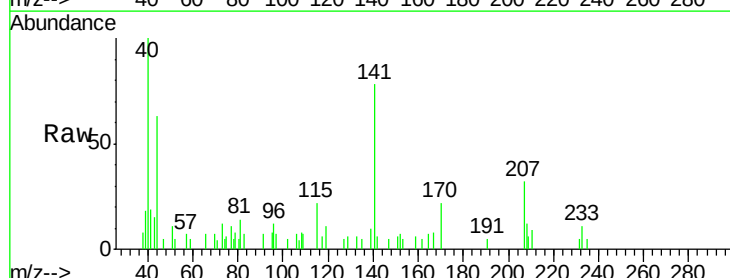
Acq: 7 May 2019 20:40

Tgt Ion: 117 Resp: 160

Ion Ratio Lower Upper

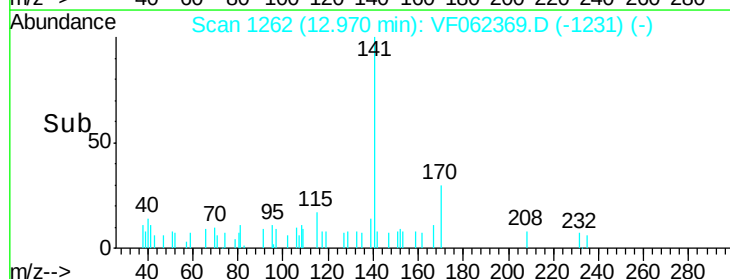
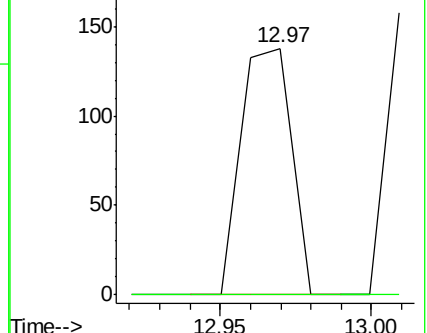
117 100

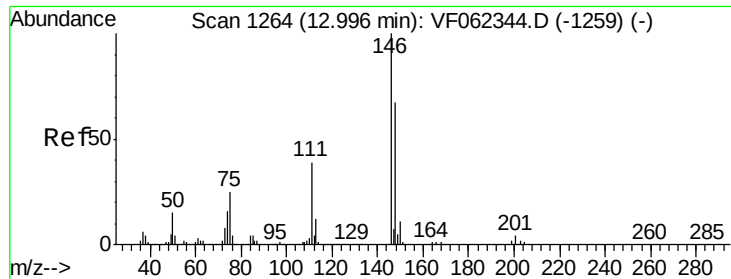
201 0.0 46.2 138.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

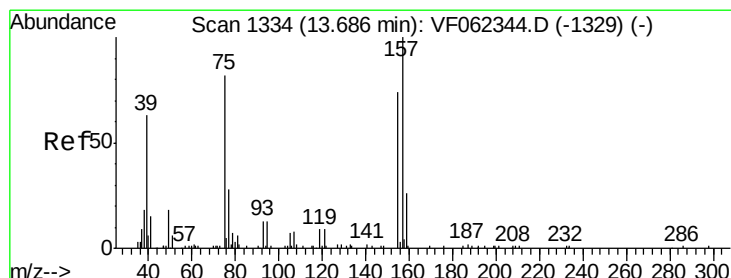
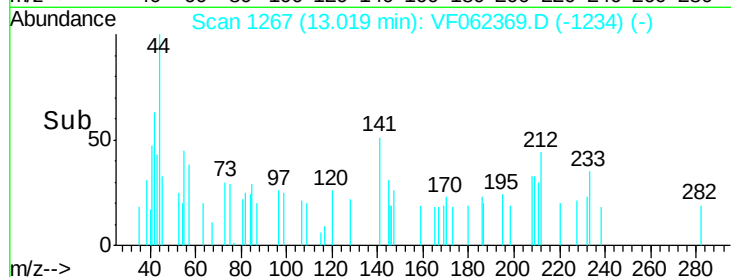
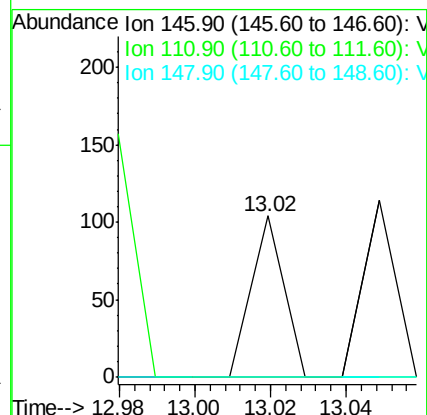
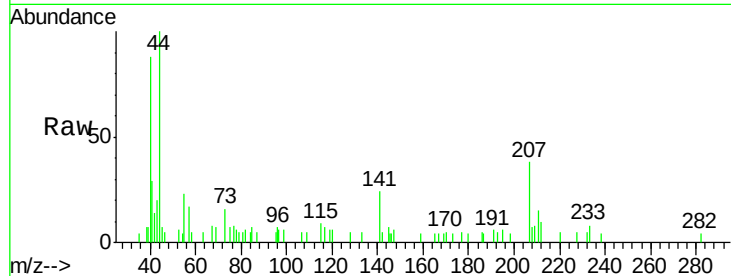




#91
 1,2-Dichlorobenzene
 Concen: 3.457 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. 0.02 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

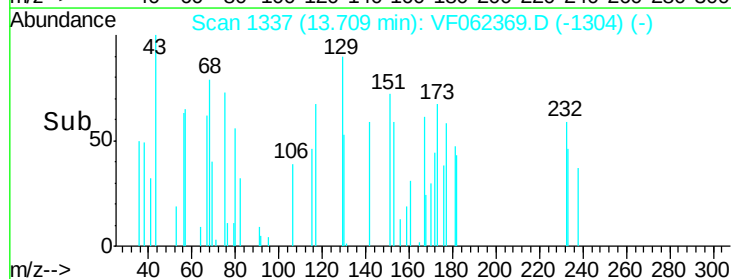
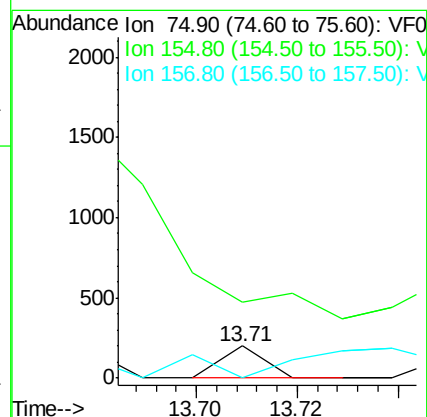
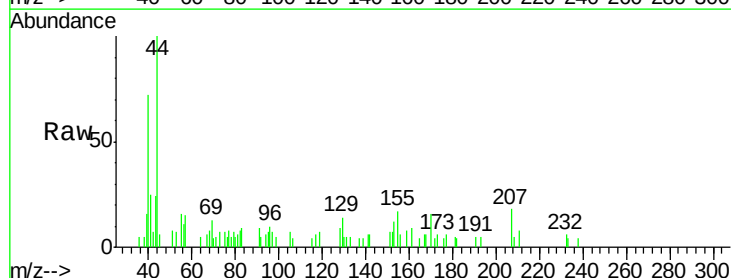
Instrument :
 MSVOA_F
 ClientSampled :
 TP-1

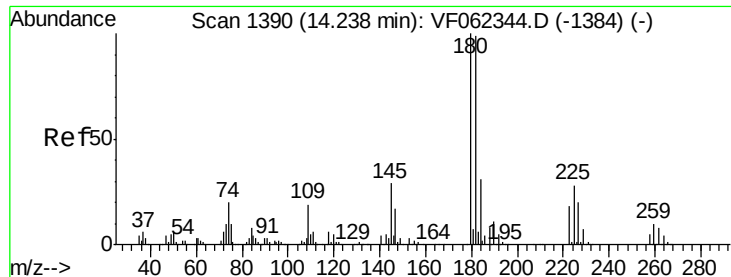
Tot Ion:146 Resp: 62
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 0.0 33.1 99.5#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 87.030 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. 0.02 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

Tgt Ion: 75 Resp: 118
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.8 155.4#
 157 0.0 67.3 201.8#

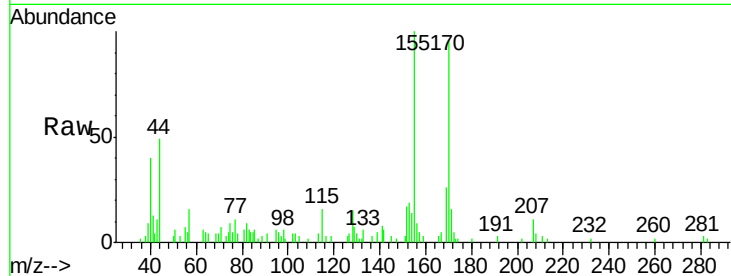




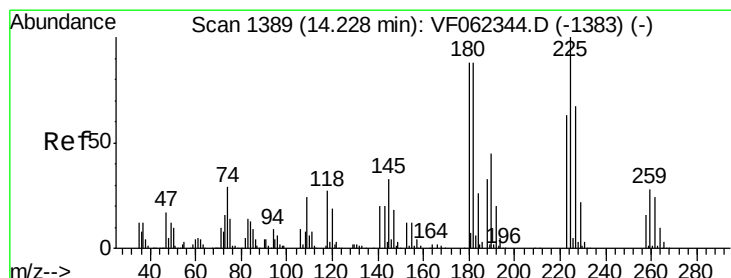
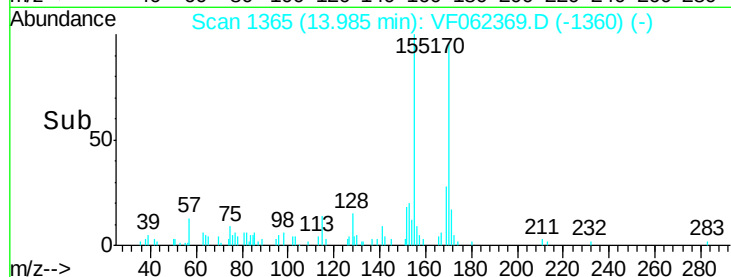
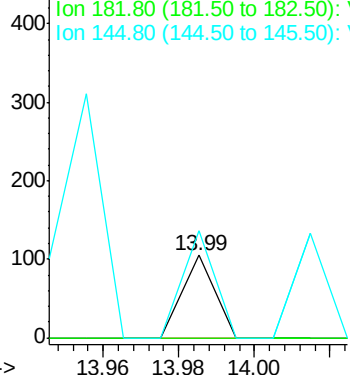
#93
 1,2,4-Trichlorobenzene
 Concen: 3.855 ug/l
 RT: 13.99 min Scan# 1365
 Delta R.T. -0.25 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Tot Ion:180 Resp: 62
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.0 147.0#
 145 129.0 16.7 50.1#

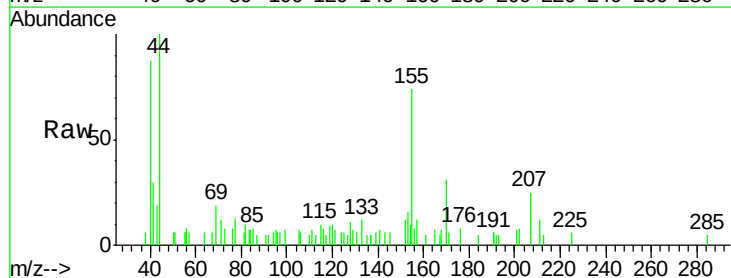


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

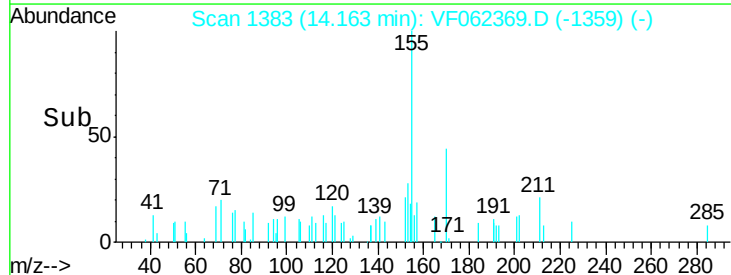
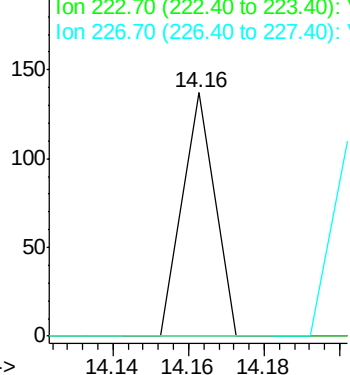


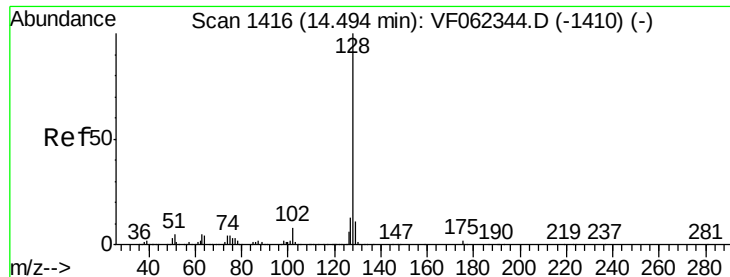
#94
 Hexachlorobutadiene
 Concen: 6.756 ug/l
 RT: 14.16 min Scan# 1383
 Delta R.T. -0.07 min
 Lab File: VF062369.D
 Acq: 7 May 2019 20:40

Tgt Ion:225 Resp: 81
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.9 95.5#
 227 0.0 33.1 99.5#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

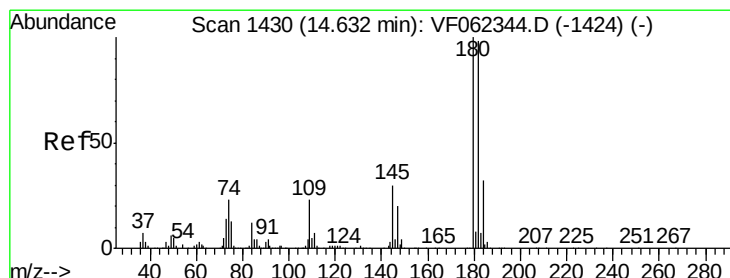
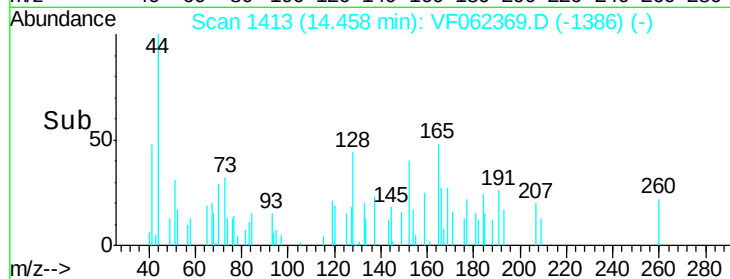
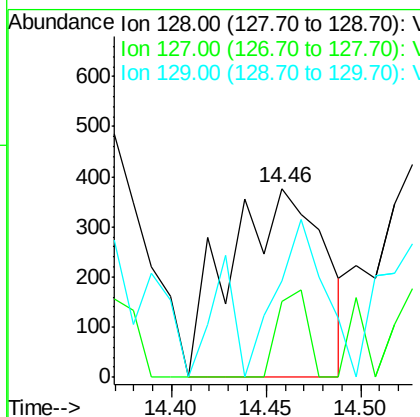
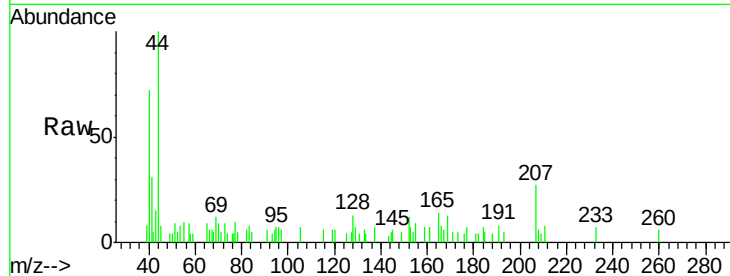




#95
Naphthalene
Concen: 54.255 ug/l
RT: 14.46 min Scan# 1413
Delta R.T. -0.04 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Instrument :
MSVOA_F
ClientSampled :
TP-1

Tot Ion:128 Resp: 1312
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 42.8 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 4.685 ug/l
RT: 14.61 min Scan# 1428
Delta R.T. -0.03 min
Lab File: VF062369.D
Acq: 7 May 2019 20:40

Tgt Ion:180 Resp: 73
Ion Ratio Lower Upper
180 100
182 0.0 49.4 148.0#
145 0.0 14.8 44.3#

