

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062512.D
 Acq On : 12 May 2019 19:28
 Operator : FY/SY
 Sample : K2734-21
 Misc : 5.37g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS015-0002-01

Quant Time: May 13 04:48:30 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

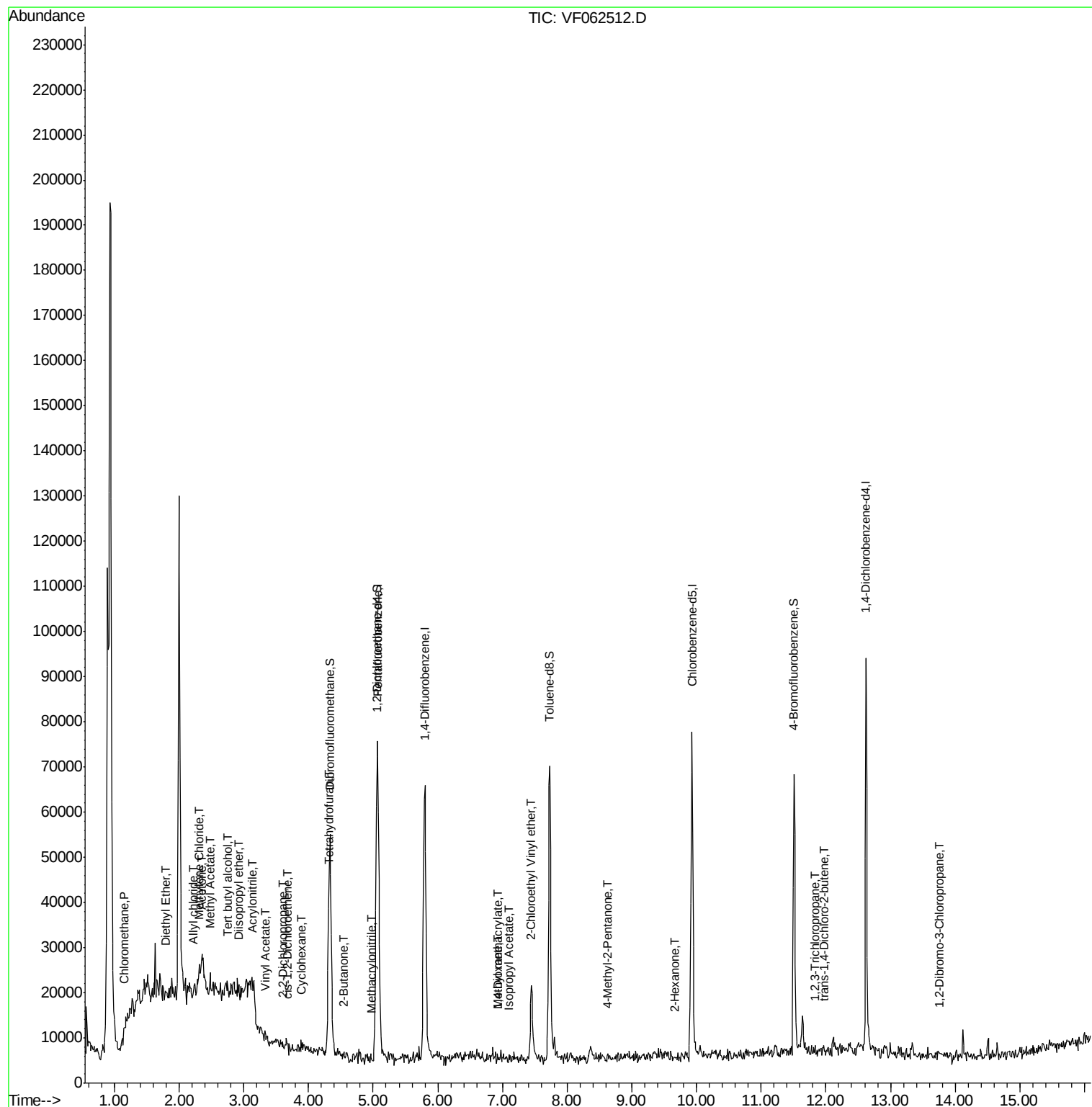
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	42417	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	68303	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	51815	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	23396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	42395	105.76	ug/l	0.03
Spiked Amount	50.000		Recovery	=	211.52%	
35) Dibromofluoromethane	4.33	113	41635	76.51	ug/l	0.03
Spiked Amount	50.000		Recovery	=	153.02%	
50) Toluene-d8	7.73	98	52525	39.88	ug/l	0.03
Spiked Amount	50.000		Recovery	=	79.76%	
62) 4-Bromofluorobenzene	11.51	95	20619	34.70	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.15	50	374	1.155	ug/l #	51
5) Bromomethane	1.44	94	334	Below Cal	#	57
8) Diethyl Ether	1.78	74	364	3.590	ug/l	57
11) Tert butyl alcohol	2.73	59	423	18.671	ug/l #	1
13) Acrolein	2.11	56	283	Below Cal	#	82
14) Allyl chloride	2.21	41	481	1.674	ug/l #	5
15) Acrylonitrile	3.13	53	825	19.224	ug/l #	26
16) Acetone	2.36	43	16220	200.023	ug/l	99
18) Methyl Acetate	2.47	43	3812	24.158	ug/l #	82
20) Methylene Chloride	2.30	84	1267	4.319	ug/l #	76
22) Diisopropyl ether	2.92	45	2227	2.480	ug/l #	39
23) Vinyl Acetate	3.34	43	1126	2.814	ug/l #	79
25) 2-Butanone	4.55	43	1625	15.951	ug/l #	76
26) 2,2-Dichloropropane	3.61	77	381	1.257	ug/l	92
27) cis-1,2-Dichloroethene	3.68	96	718	1.854	ug/l	9
29) Tetrahydrofuran	4.30	42	537	11.469	ug/l #	36
31) Cyclohexane	3.88	56	546	1.261	ug/l #	16
37) Ethyl Acetate	4.29	43	512	Below Cal	#	73
38) Carbon Tetrachloride	4.24	117	102	Below Cal	#	14
41) Methacrylonitrile	4.98	41	361	2.566	ug/l #	1
43) Isopropyl Acetate	7.11	43	754	2.825	ug/l #	48
48) Methyl methacrylate	6.91	41	734	3.892	ug/l #	31
49) 1,4-Dioxane	6.93	88	66	21.235	ug/l #	1
51) 4-Methyl-2-Pentanone	8.63	43	288	1.424	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.46	63	93	1.158	ug/l #	42
59) 2-Hexanone	9.65	43	393	2.810	ug/l	93
76) 1,2,3-Trichloropropane	11.84	75	166	1.002	ug/l #	100
81) trans-1,4-Dichloro-2-buten	11.96	75	76	1.220	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.75	75	79	1.624	ug/l #	1

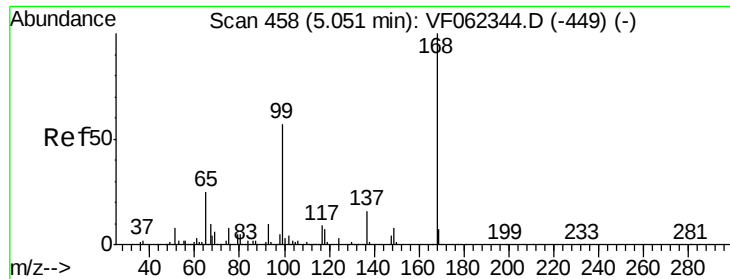
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
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QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

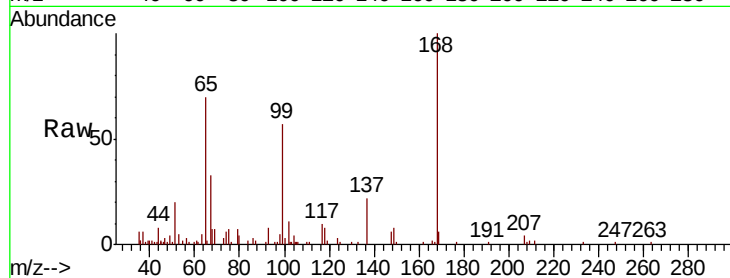
P026-SS015-0002-01

Tot Ion:168 Resp: 42417

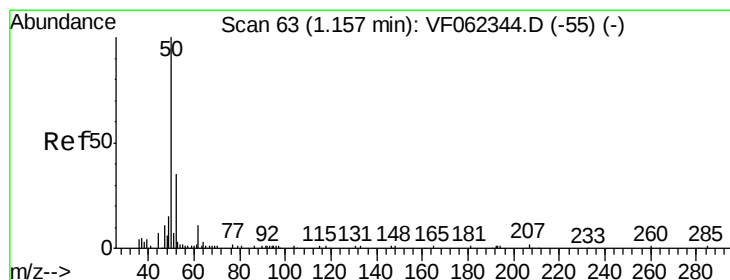
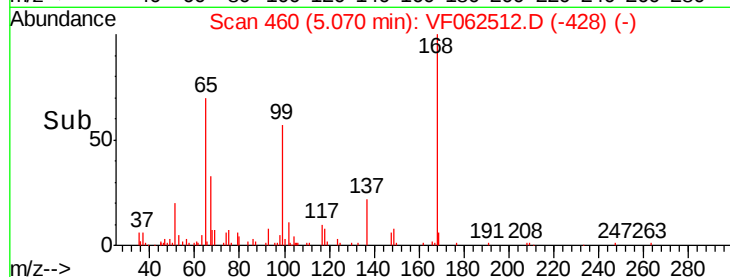
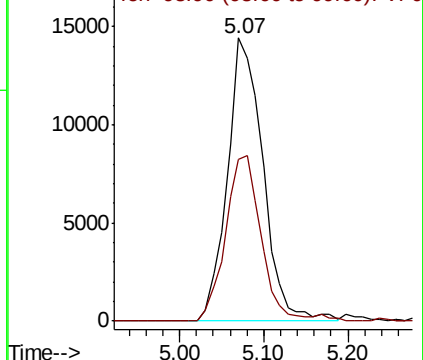
Ion Ratio Lower Upper

168 100

99 57.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#3

Chloromethane

Concen: 1.155 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062512.D

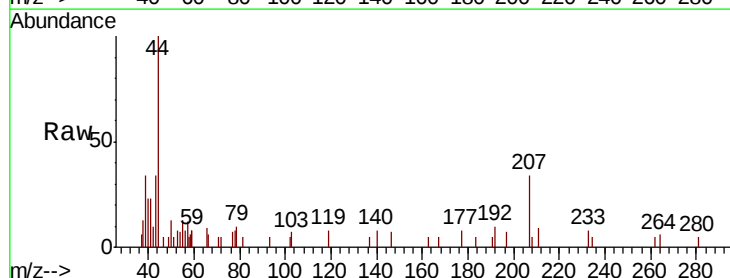
Acq: 12 May 2019 19:28

Tgt Ion: 50 Resp: 374

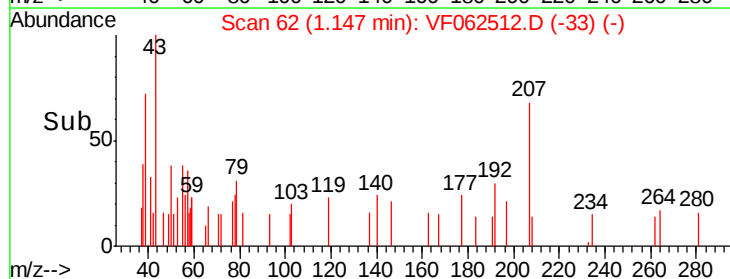
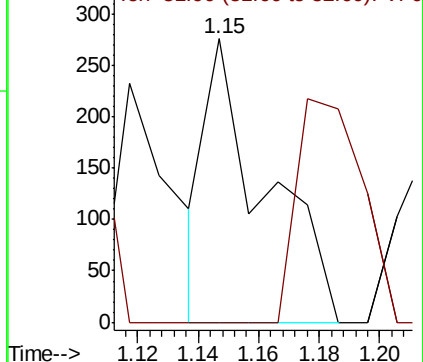
Ion Ratio Lower Upper

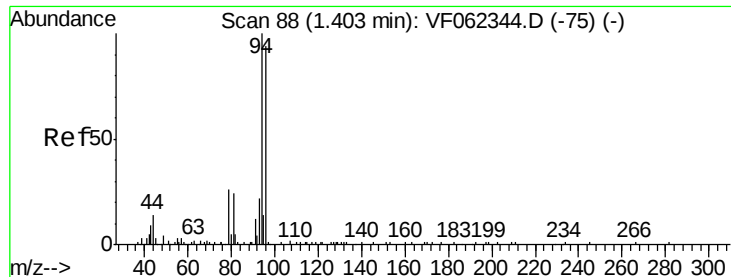
50 100

52 60.1 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0





#5

Bromomethane

Concen: Below Cal

RT: 1.44 min Scan# 92

Delta R.T. 0.04 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

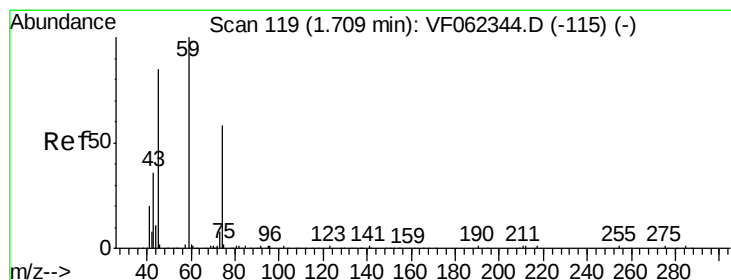
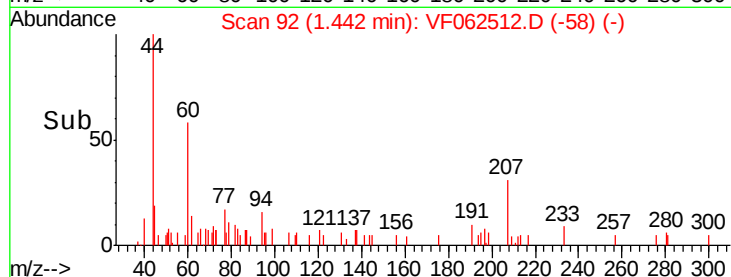
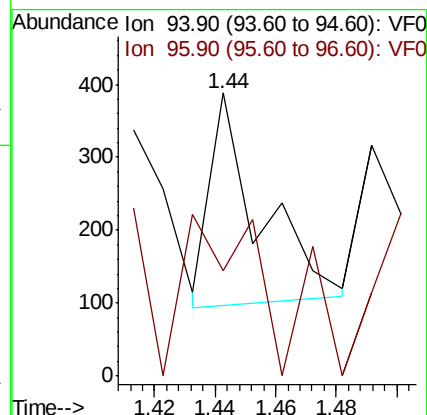
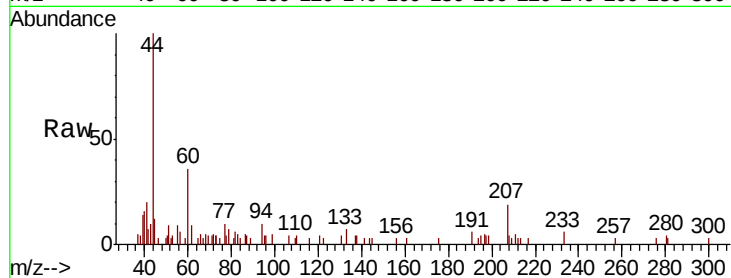
P026-SS015-0002-01

Tot Ion: 94 Resp: 334

Ion Ratio Lower Upper

94 100

96 53.1 75.4 113.2#



#8

Diethyl Ether

Concen: 3.590 ug/l

RT: 1.78 min Scan# 126

Delta R.T. 0.07 min

Lab File: VF062512.D

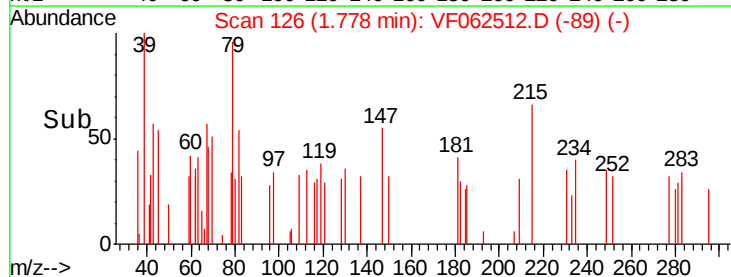
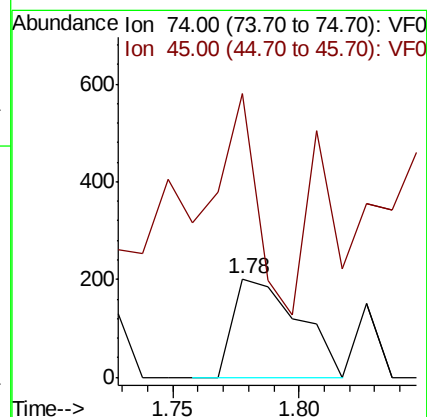
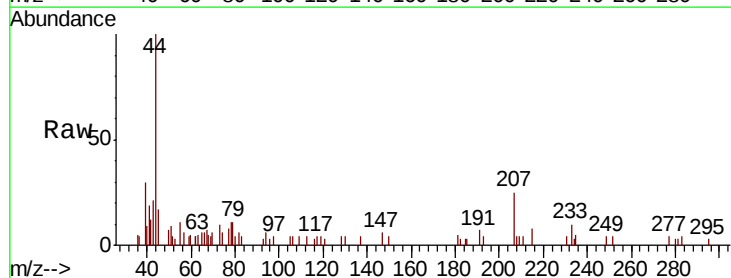
Acq: 12 May 2019 19:28

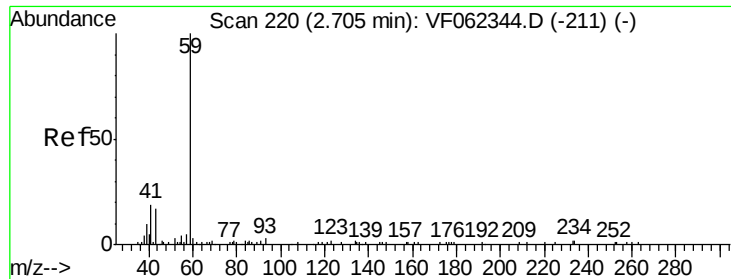
Tgt Ion: 74 Resp: 364

Ion Ratio Lower Upper

74 100

45 202.2 73.9 221.6



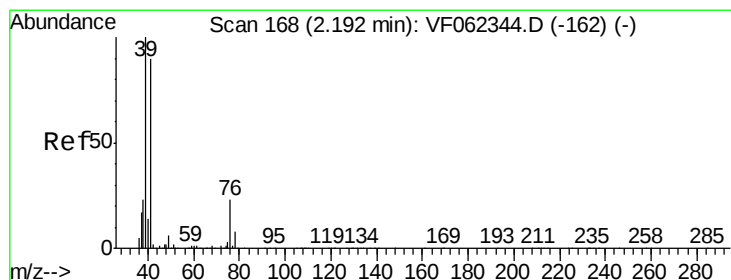
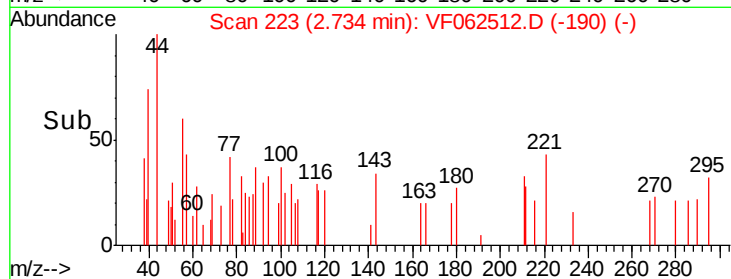
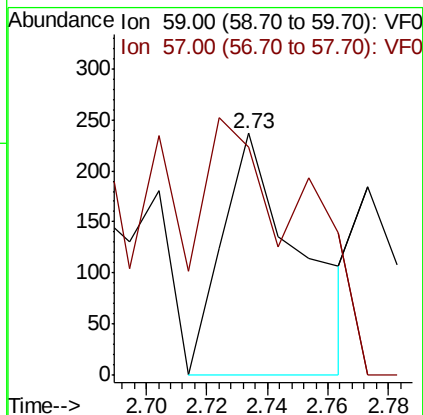
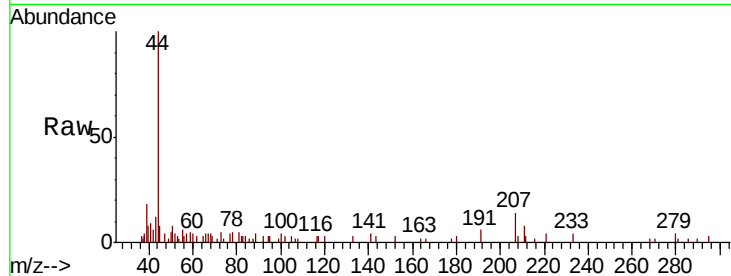


#11

Tert butyl alcohol
Concen: 18.671 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.03 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

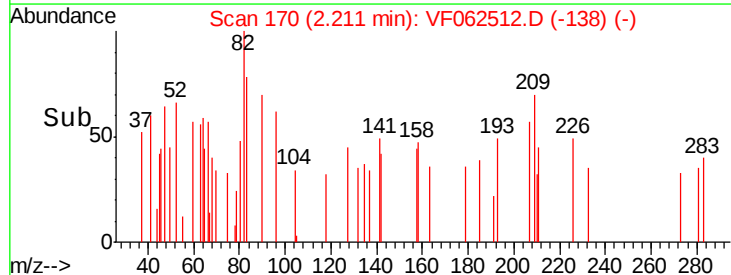
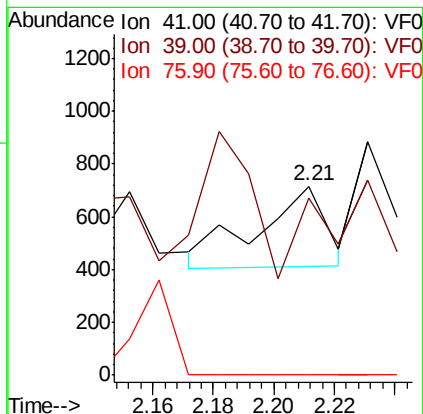
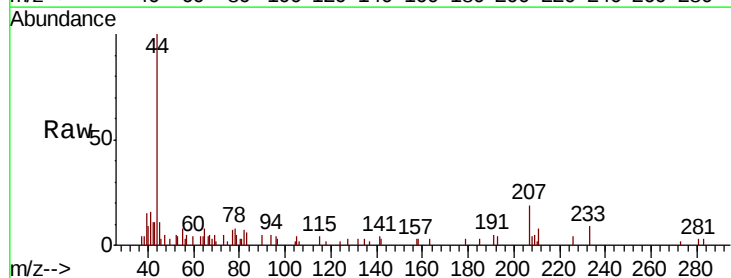
Tot Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 130.3 9.3 13.9#

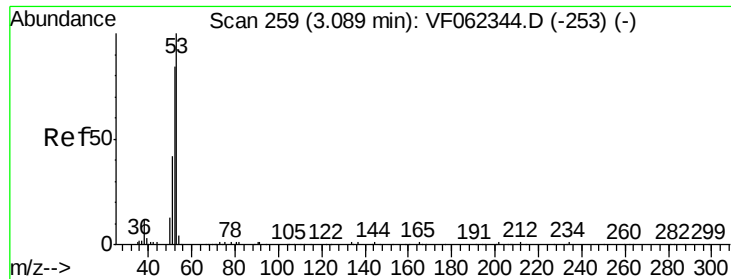


#14

Allyl chloride
Concen: 1.674 ug/l
RT: 2.21 min Scan# 170
Delta R.T. 0.02 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 41 Resp: 481
Ion Ratio Lower Upper
41 100
39 0.0 90.8 136.2#
76 0.0 22.2 33.4#





#15

Acrylonitrile

Concen: 19.224 ug/l

RT: 3.13 min Scan# 263

Delta R.T. 0.04 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

P026-SS015-0002-01

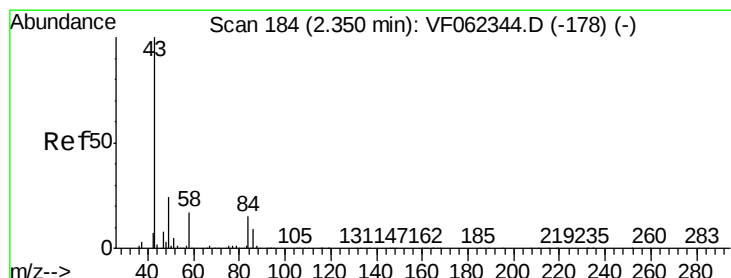
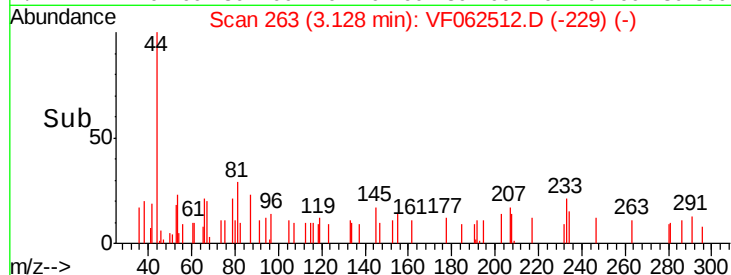
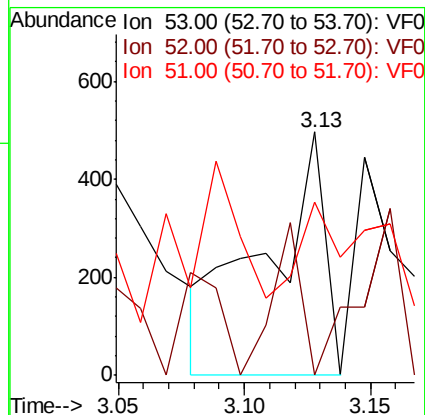
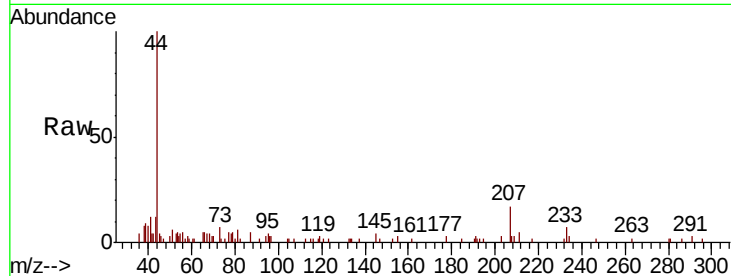
Tot Ion: 53 Resp: 825

Ion Ratio Lower Upper

53 100

52 29.8 77.2 115.8#

51 110.5 40.6 61.0#



#16

Acetone

Concen: 200.023 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062512.D

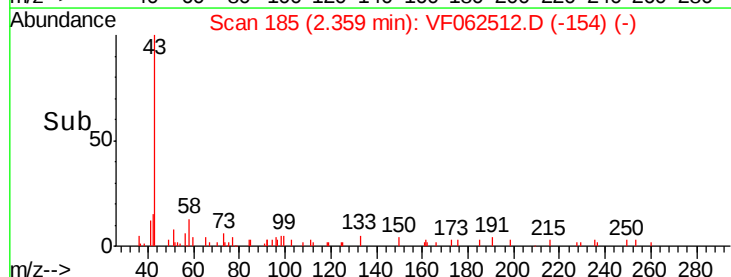
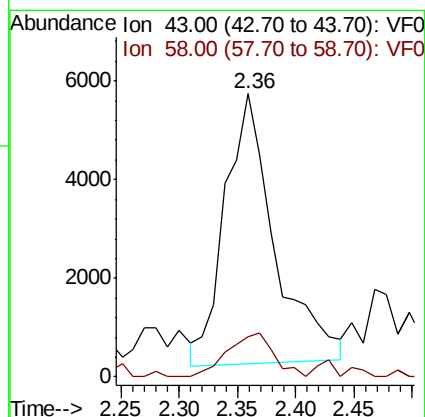
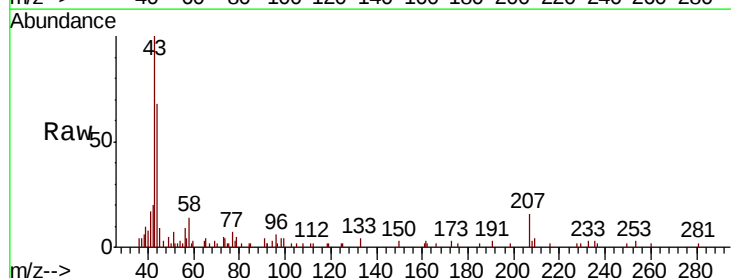
Acq: 12 May 2019 19:28

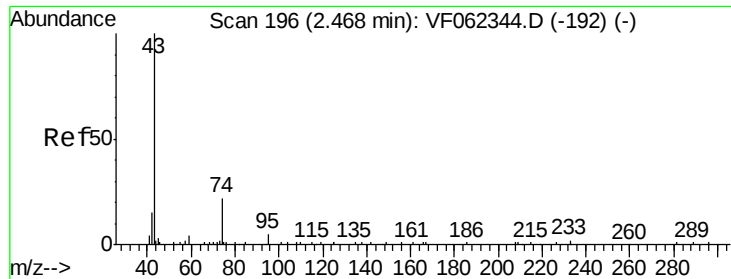
Tgt Ion: 43 Resp: 16220

Ion Ratio Lower Upper

43 100

58 16.1 13.1 19.7

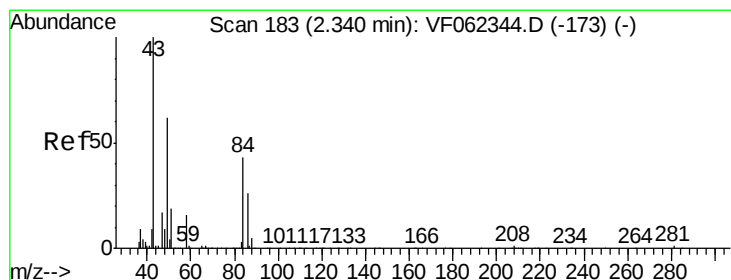
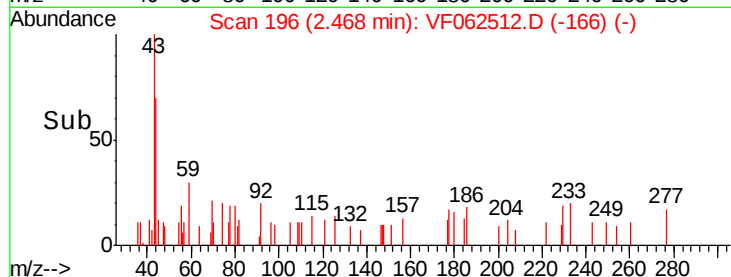
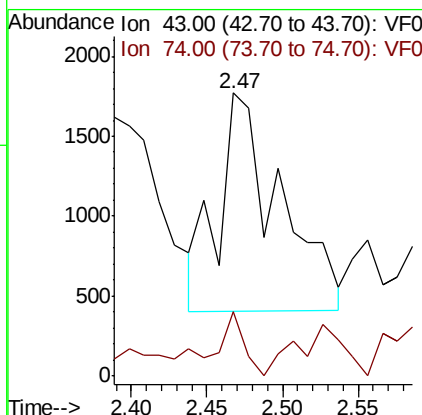
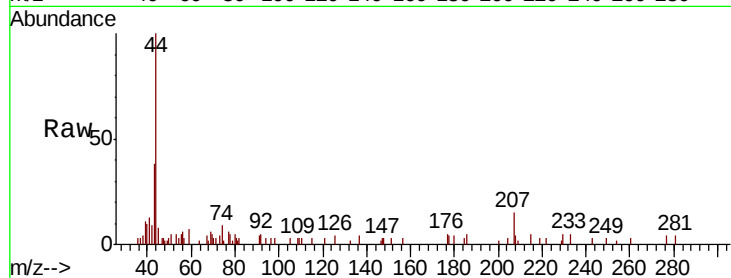




#18
Methvl Acetate
Concen: 24.158 ug/l
RT: 2.47 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

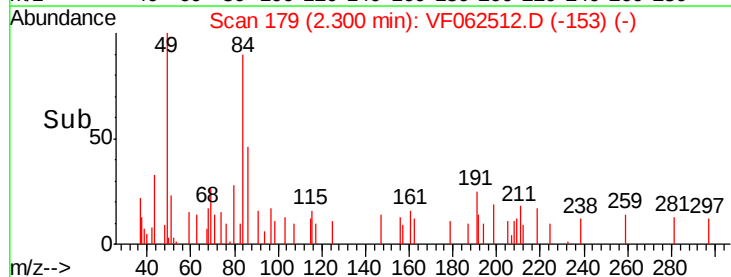
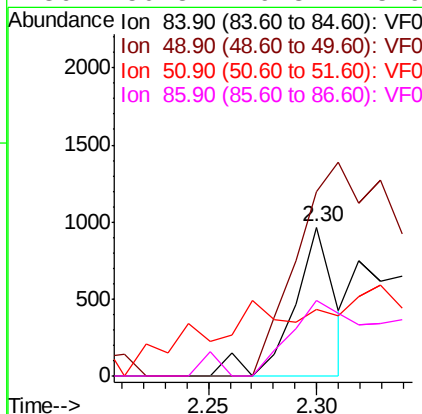
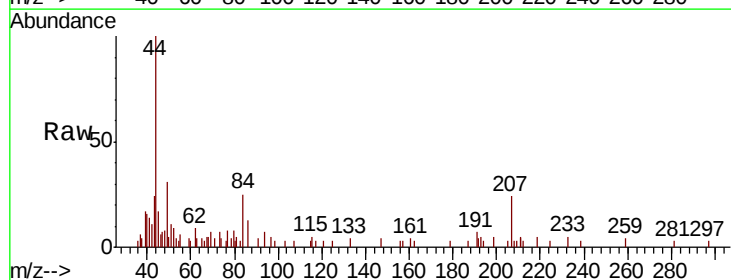
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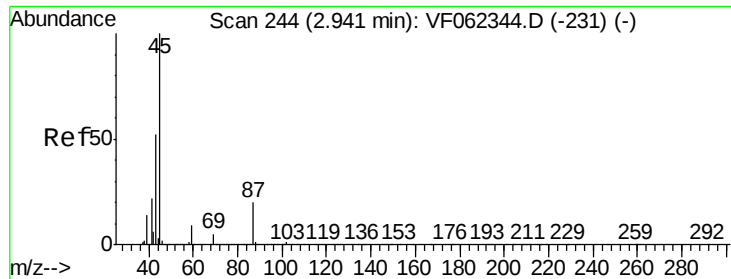
Tot Ion: 43 Resp: 3812
Ion Ratio Lower Upper
43 100
74 10.5 15.0 22.4#



#20
Methylene Chloride
Concen: 4.319 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 84 Resp: 1267
Ion Ratio Lower Upper
84 100
49 124.0 117.5 176.3
51 9.5 37.0 55.4#
86 50.8 49.3 73.9

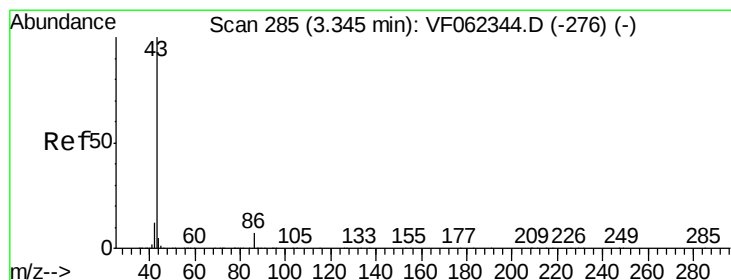
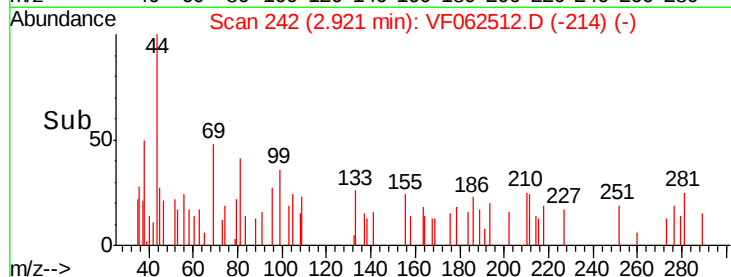
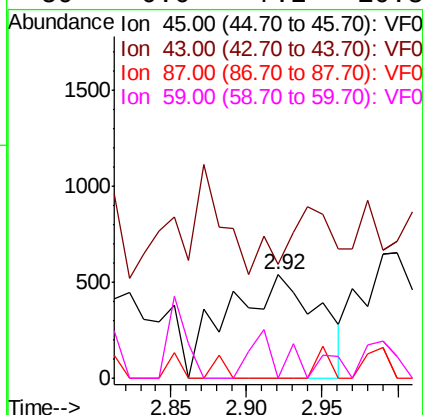
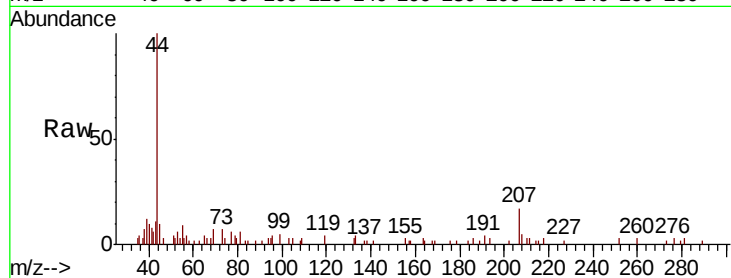




#22
Diisopropyl ether
Concen: 2.480 ug/l
RT: 2.92 min Scan# 242
Delta R.T. -0.02 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

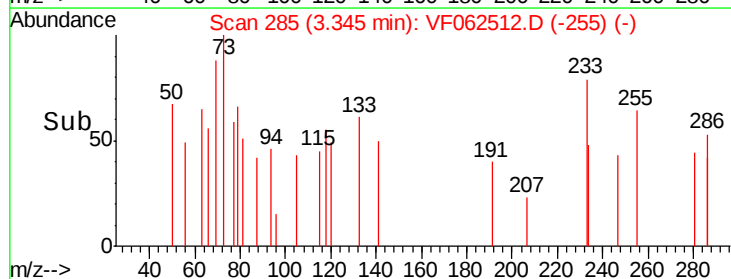
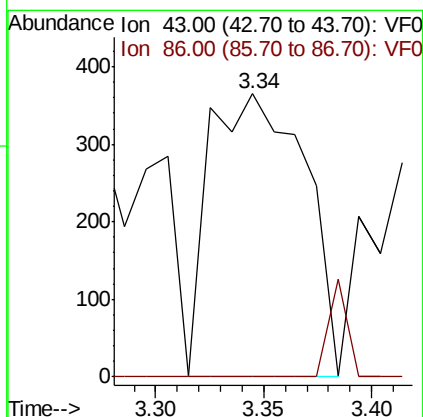
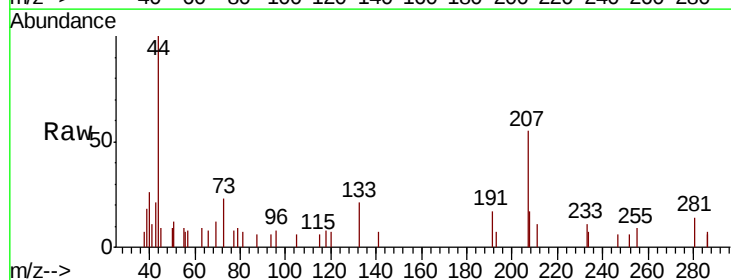
Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

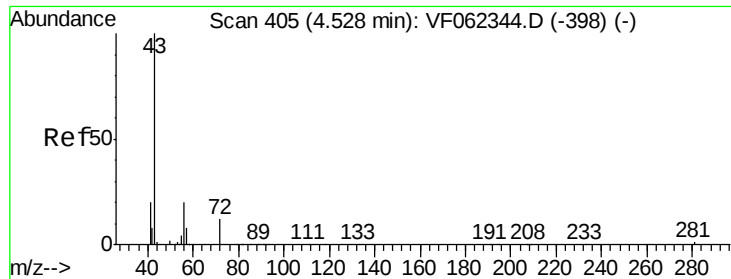
Tot Ion:	45	Resp:	2227
Ion	Ratio	Lower	Upper
45	100		
43	0.0	41.4	62.0#
87	0.0	15.8	23.6#
59	0.0	7.2	10.8#



#23
Vinyl Acetate
Concen: 2.814 ug/l
RT: 3.34 min Scan# 285
Delta R.T. -0.00 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion:	43	Resp:	1126
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.7	8.5#





#25

2-Butanone

Concen: 15.951 ug/l

RT: 4.55 min Scan# 407

Delta R.T. 0.02 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

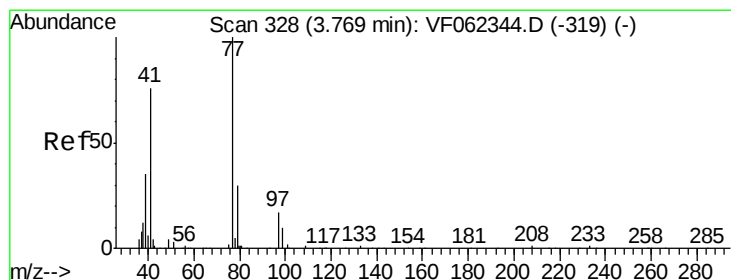
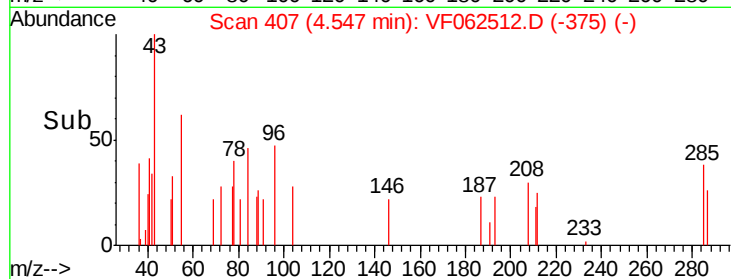
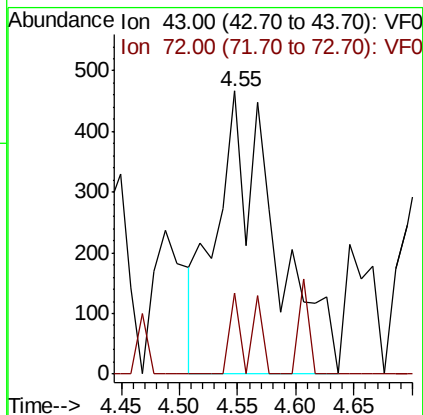
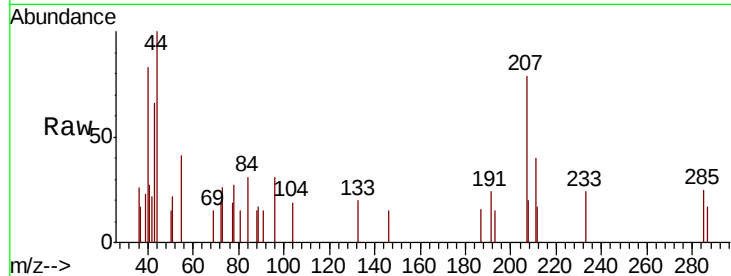
P026-SS015-0002-01

Tot Ion: 43 Resp: 1625

Ion Ratio Lower Upper

43 100

72 28.5 14.2 21.4#



#26

2,2-Dichloropropane

Concen: 1.257 ug/l

RT: 3.61 min Scan# 312

Delta R.T. -0.16 min

Lab File: VF062512.D

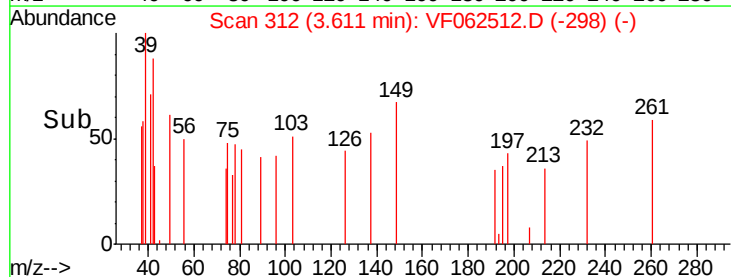
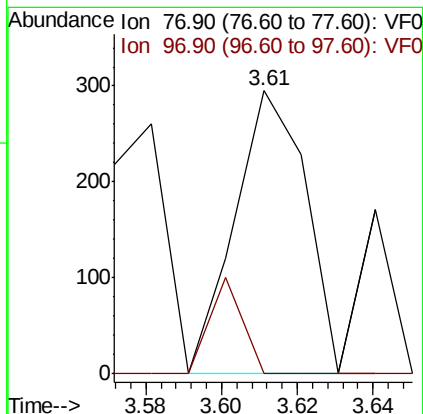
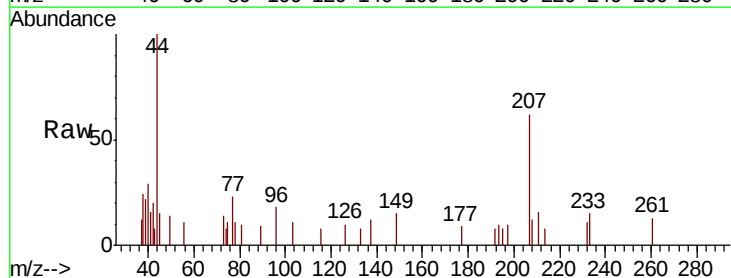
Acq: 12 May 2019 19:28

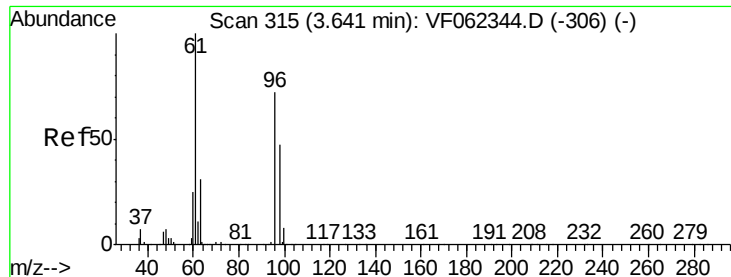
Tgt Ion: 77 Resp: 381

Ion Ratio Lower Upper

77 100

97 15.5 9.5 28.5



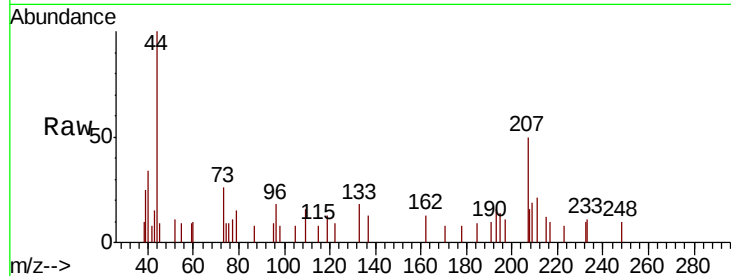


#27

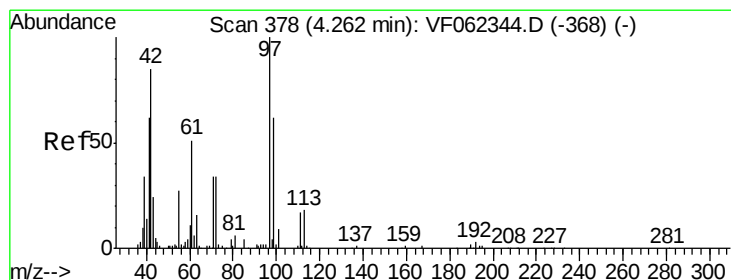
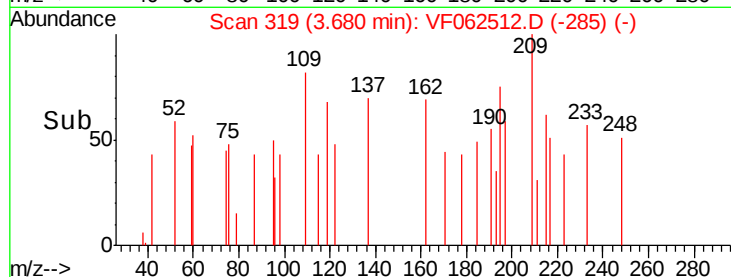
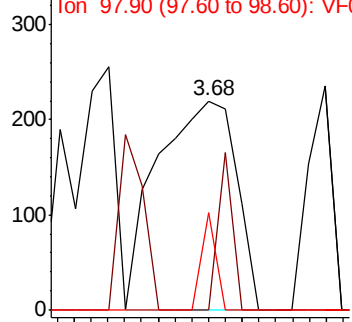
cis-1,2-Dichloroethene
Concen: 1.854 ug/l
RT: 3.68 min Scan# 319
Delta R.T. 0.04 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

Tot Ion: 96 Resp: 718
Ion Ratio Lower Upper
96 100
61 13.6 0.0 263.0
98 8.5 0.0 130.8



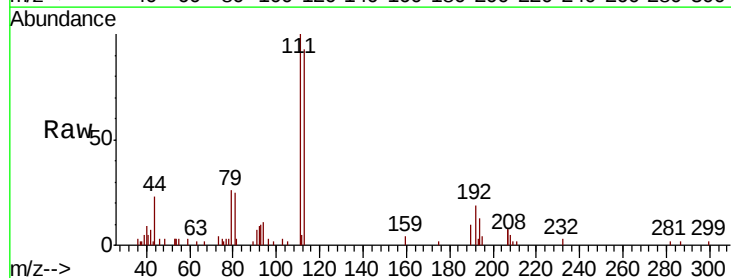
Abundance Ion 95.90 (95.60 to 96.60): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



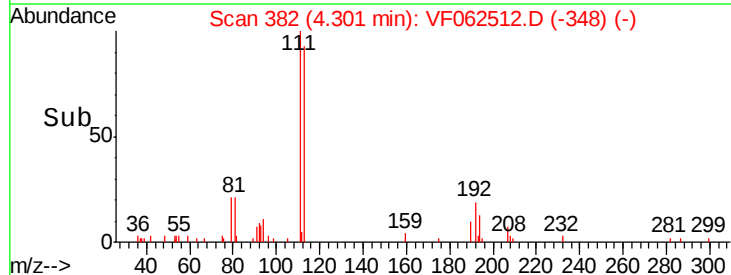
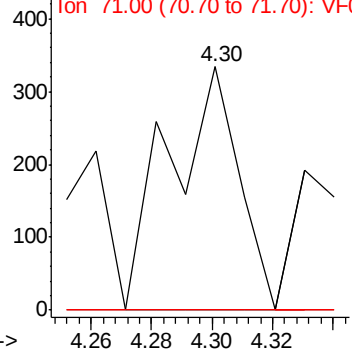
#29

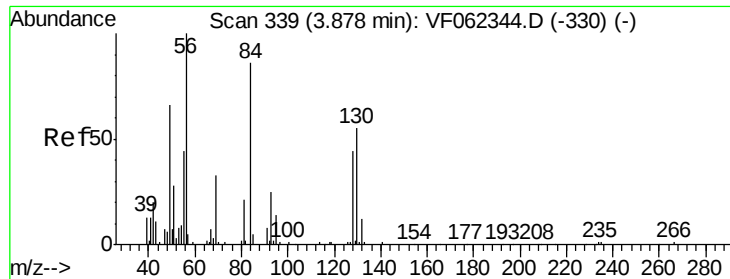
Tetrahydrofuran
Concen: 11.469 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.04 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 42 Resp: 537
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

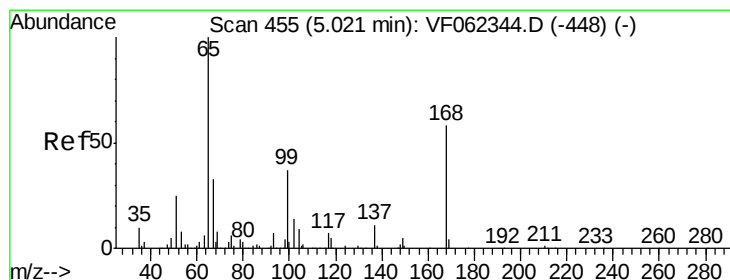
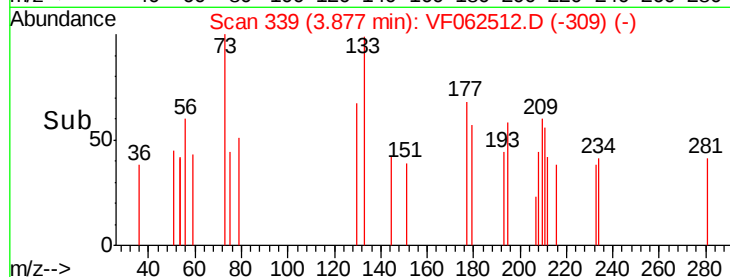
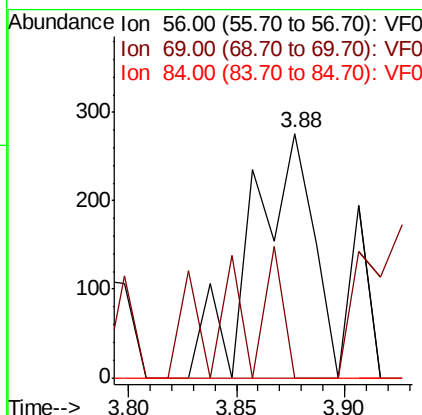
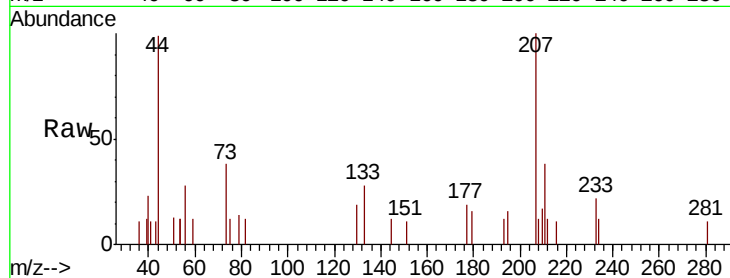




#31
Cvclohexane
Concen: 1.261 ug/l
RT: 3.88 min Scan# 339
Delta R.T. -0.00 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

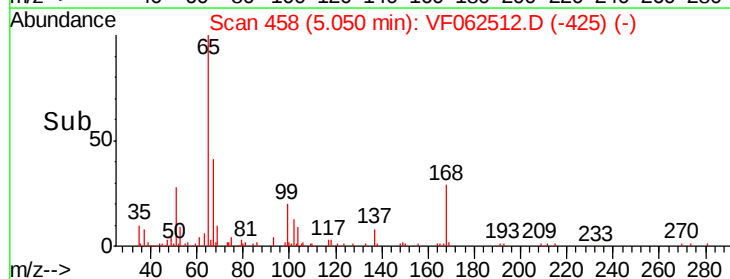
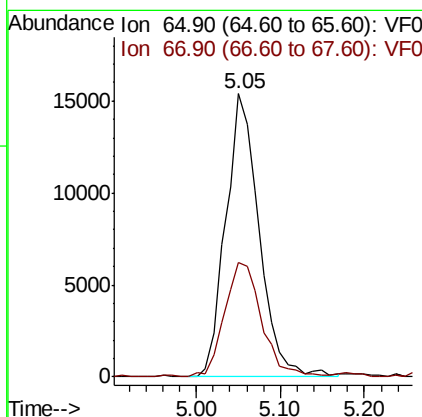
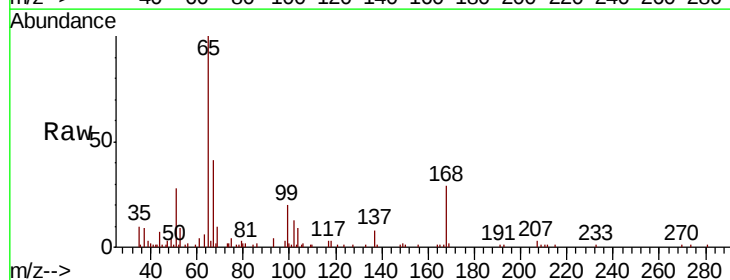
Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

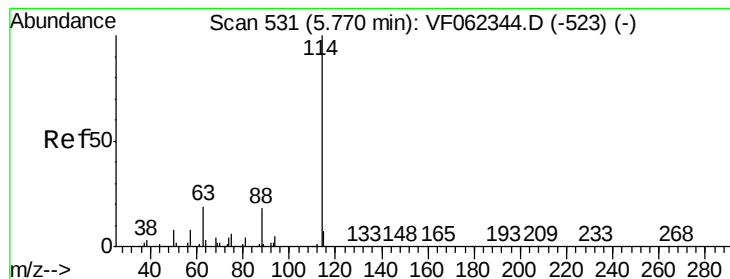
Tot Ion: 56 Resp: 546
Ion Ratio Lower Upper
56 100
69 0.0 26.4 39.6#
84 0.0 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 105.760 ug/l
RT: 5.05 min Scan# 455
Delta R.T. 0.03 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 65 Resp: 42395
Ion Ratio Lower Upper
65 100
67 45.2 0.0 85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

P026-SS015-0002-01

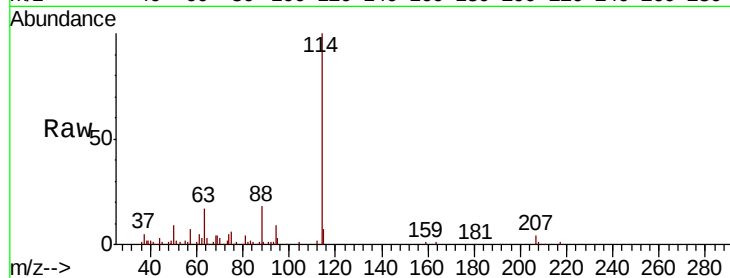
Tot Ion:114 Resp: 68303

Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.4

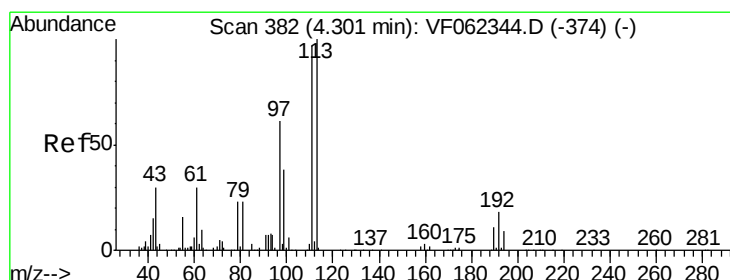
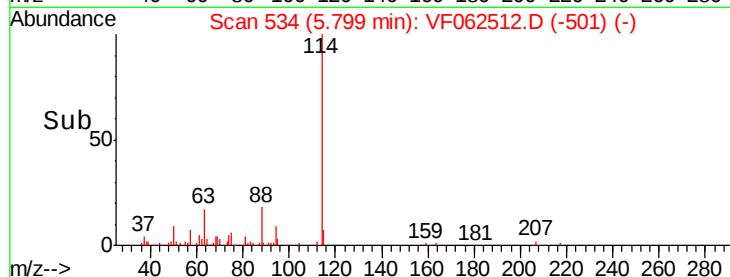
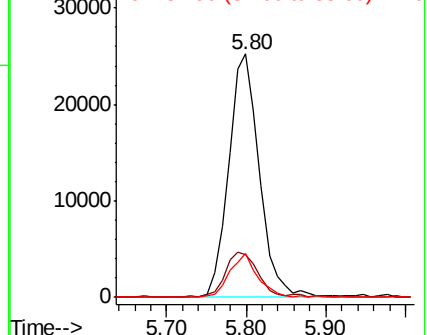
88 18.3 0.0 36.4



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: 76.513 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

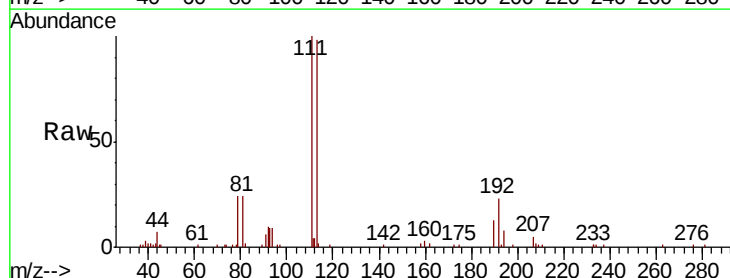
Tgt Ion:113 Resp: 41635

Ion Ratio Lower Upper

113 100

111 102.6 79.4 119.0

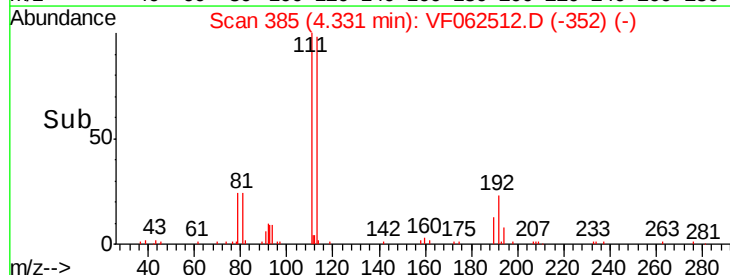
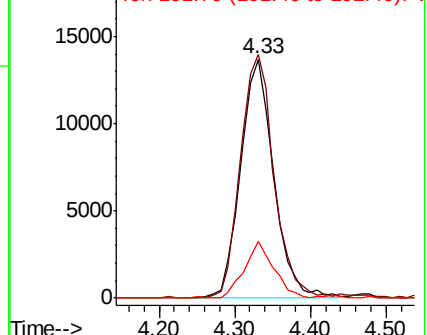
192 21.0 16.0 24.0

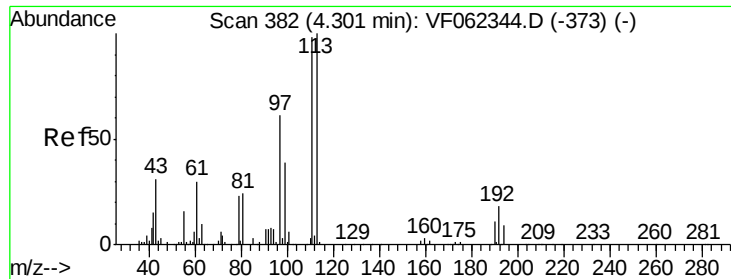


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

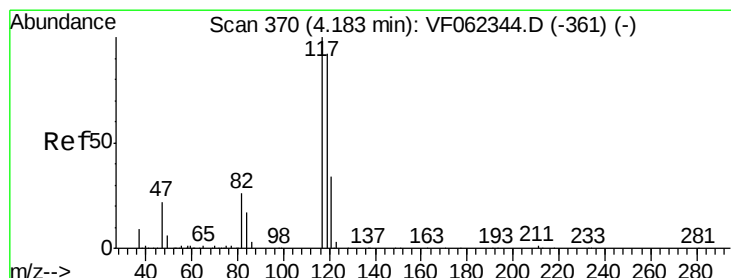
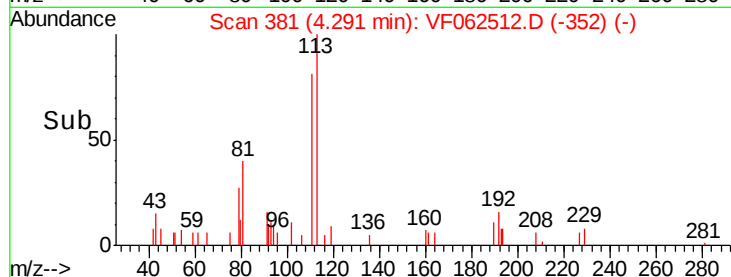
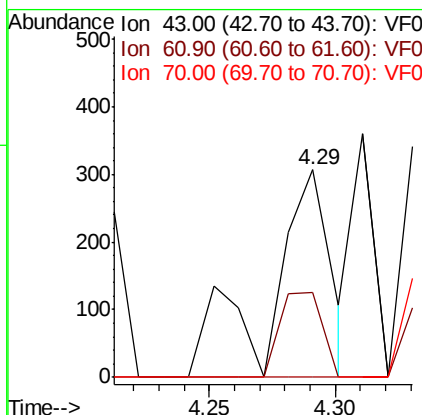
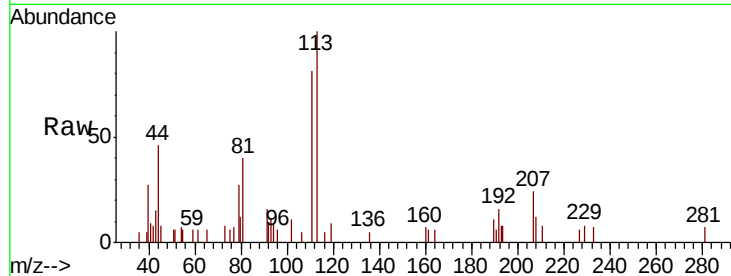




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

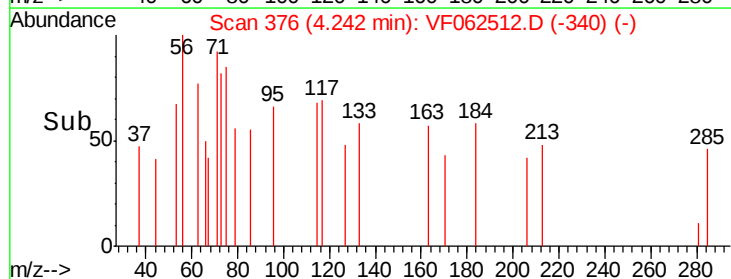
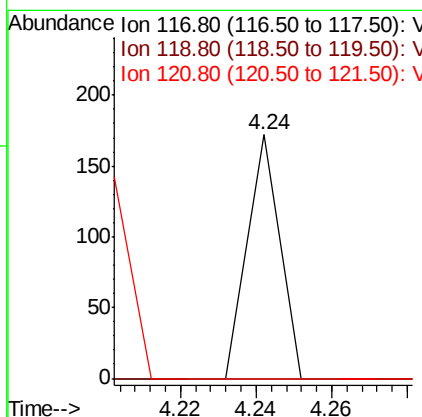
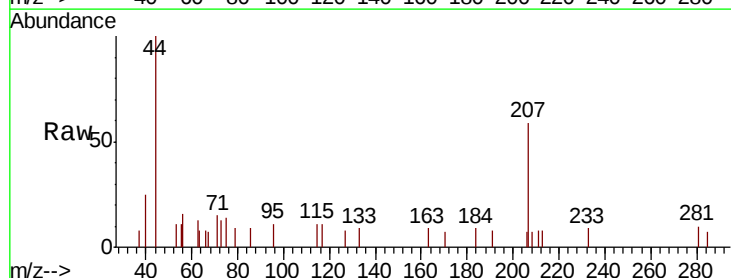
Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

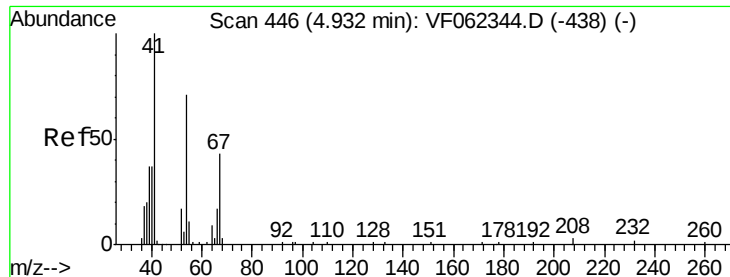
Tot Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
61 28.7 0.0 0.0#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. 0.06 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 117 Resp: 102
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 27.4 41.0#





#41

Methacrylonitrile

Concen: 2.566 ug/l

RT: 4.98 min Scan# 451

Delta R.T. 0.05 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

P026-SS015-0002-01

Tot Ion: 41 Resp: 361

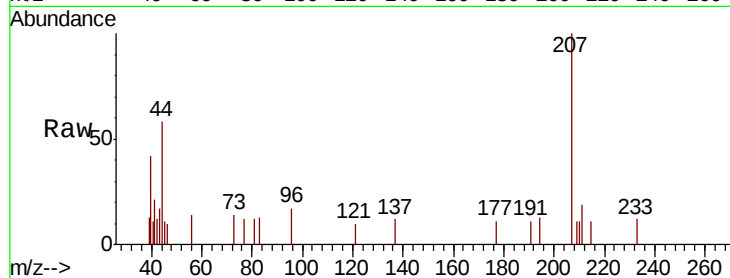
Ion Ratio Lower Upper

41 100

39 185.3 54.3 81.5#

67 0.0 37.8 56.8#

52 0.0 58.2 87.4#

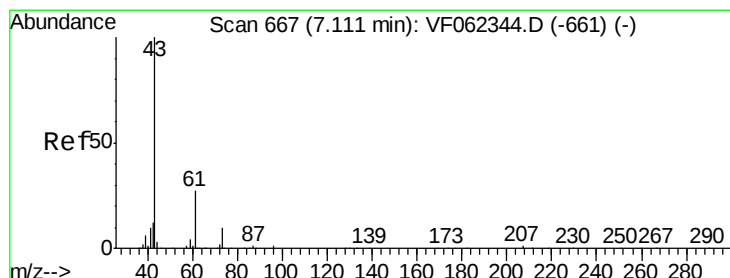
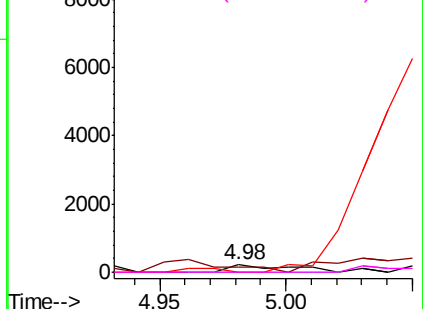
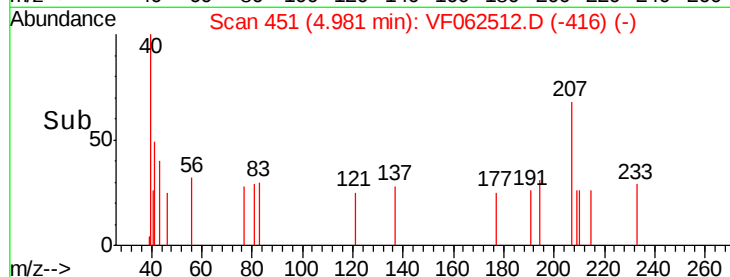


Abundance Ion 41.00 (40.70 to 41.70): VF0

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



#43

Isopropyl Acetate

Concen: 2.825 ug/l

RT: 7.11 min Scan# 667

Delta R.T. -0.00 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

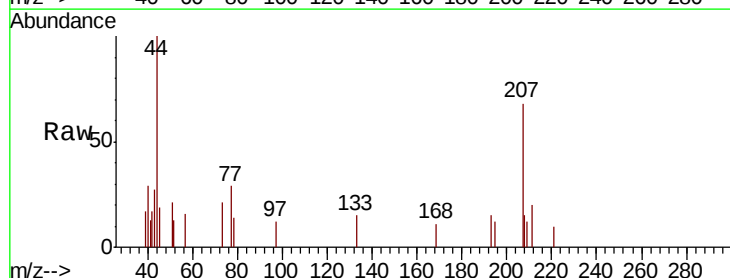
Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

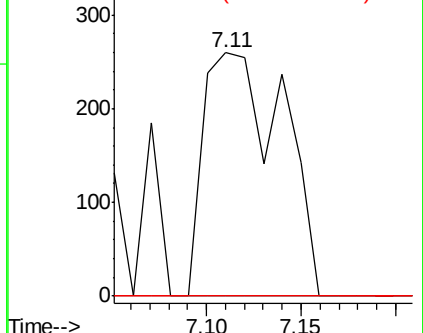
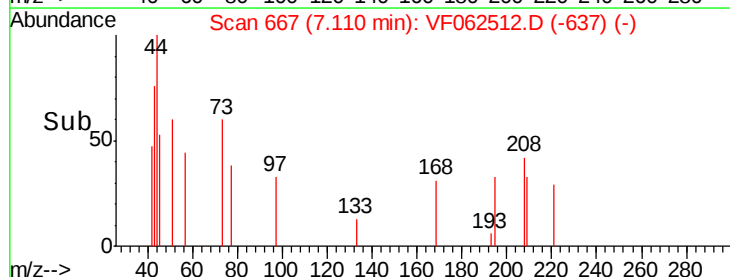
87 0.0 0.6 1.0#

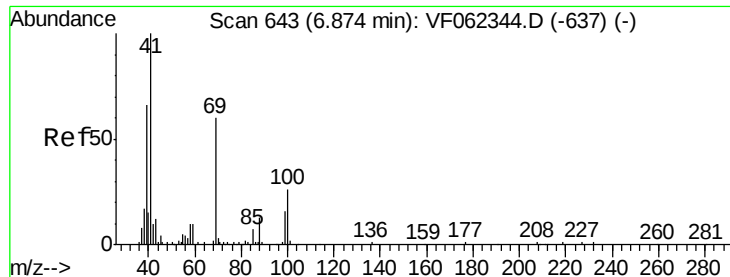


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

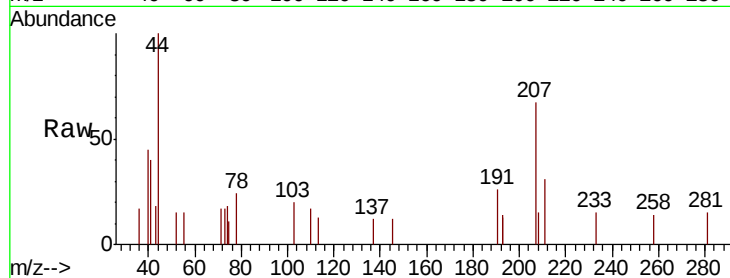




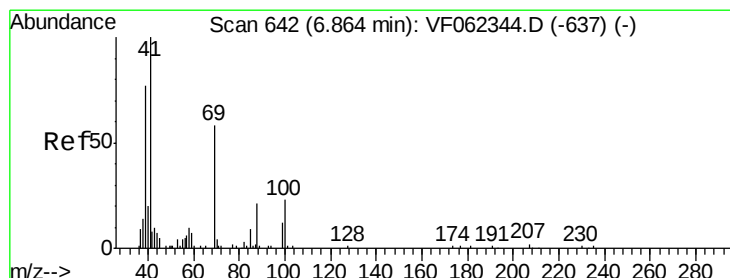
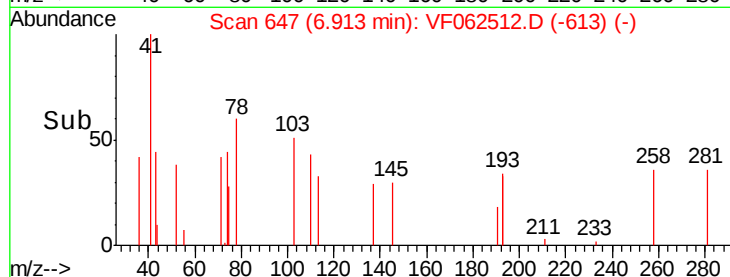
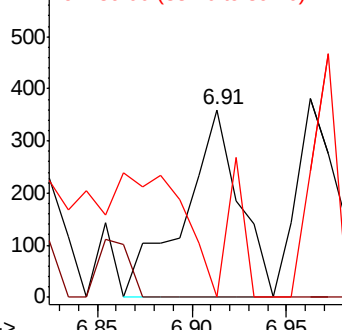
#48
Methyl methacrylate
Concen: 3.892 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.04 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

Tot Ion: 41 Resp: 734
Ion Ratio Lower Upper
41 100
69 0.0 48.6 72.8#
39 21.7 56.1 84.1#

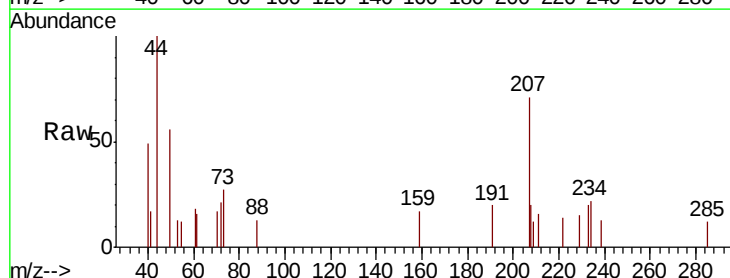


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

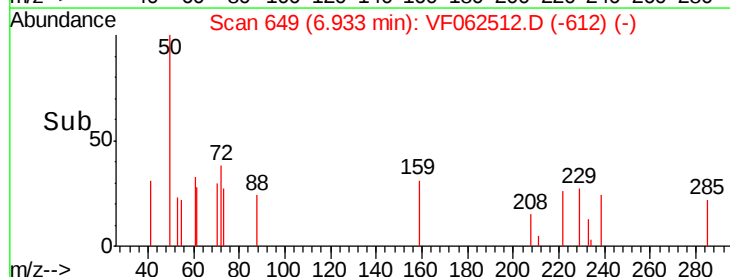
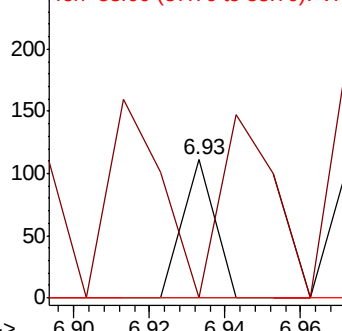


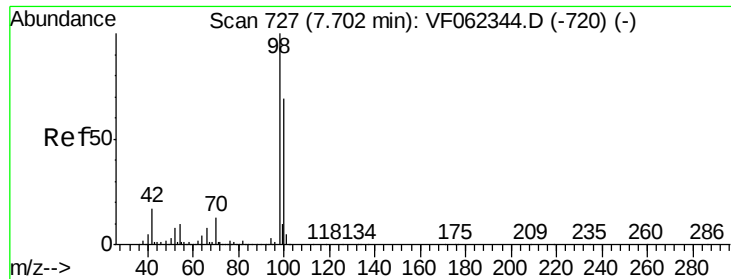
#49
1,4-Dioxane
Concen: 21.235 ug/l
RT: 6.93 min Scan# 649
Delta R.T. 0.07 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 233.3 55.6 83.4#
58 0.0 52.8 79.2#



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





#50

Toluene-d8

Concen: 39.876 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

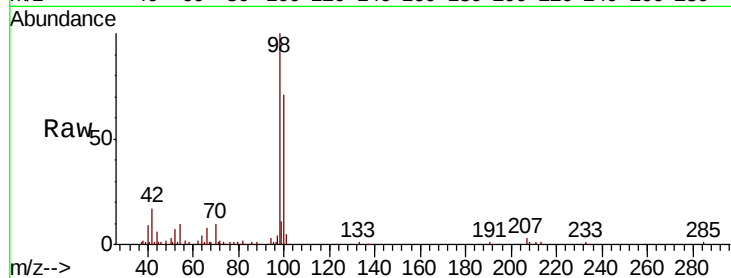
P026-SS015-0002-01

Tot Ion: 98 Resp: 52525

Ion Ratio Lower Upper

98 100

100 71.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.73

25000

20000

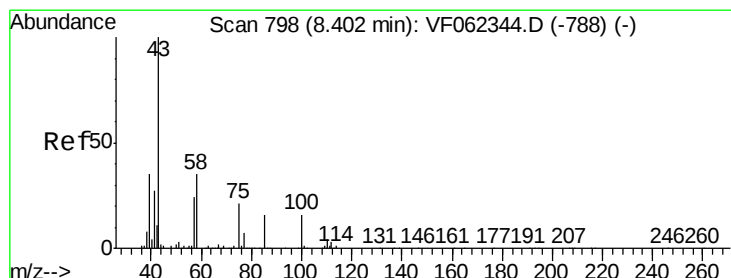
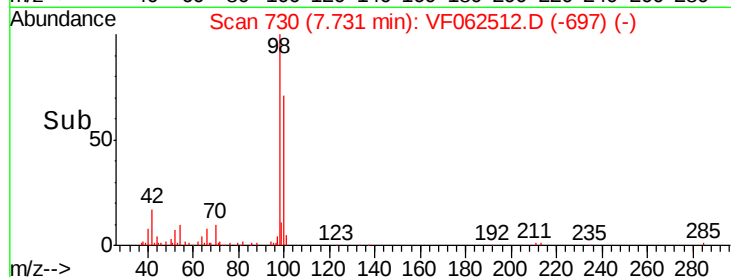
15000

10000

5000

0

Time--> 7.60 7.70 7.80



#51

4-Methyl-2-Pentanone

Concen: 1.424 ug/l

RT: 8.63 min Scan# 821

Delta R.T. 0.23 min

Lab File: VF062512.D

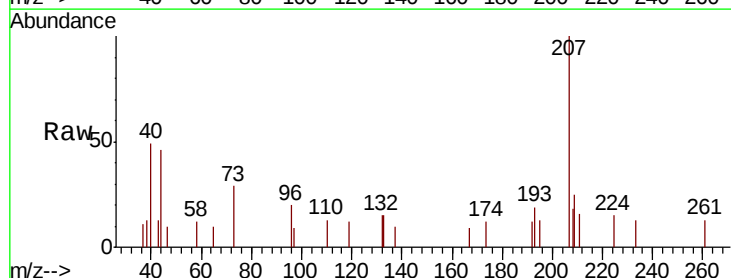
Acq: 12 May 2019 19:28

Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

58 30.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.63

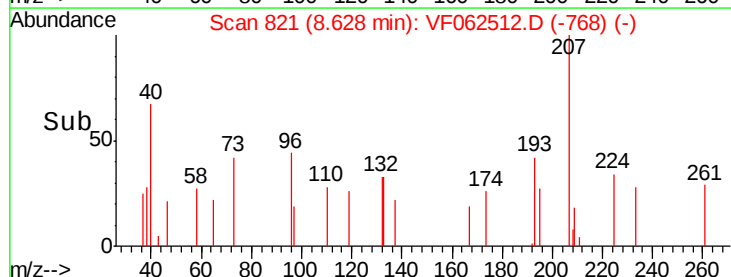
150

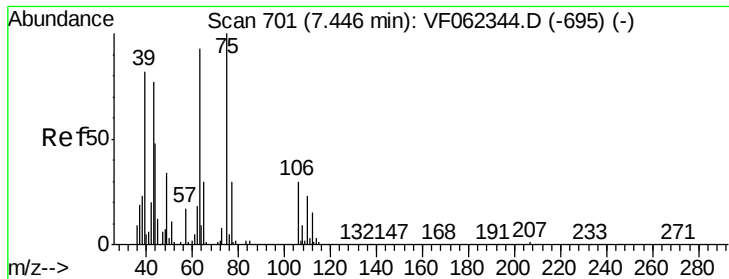
100

50

0

Time--> 8.58 8.60 8.62 8.64 8.66

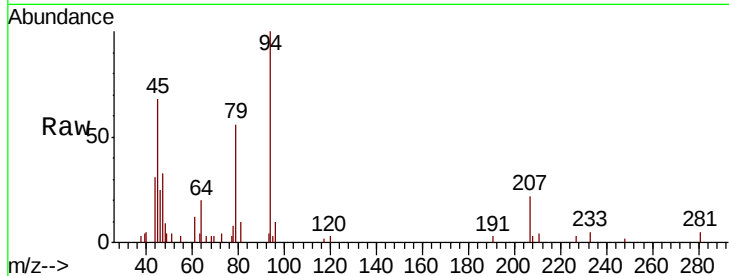




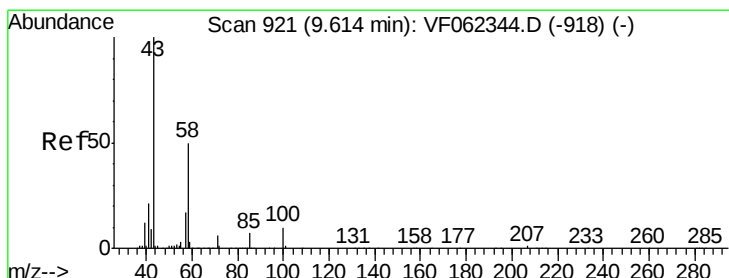
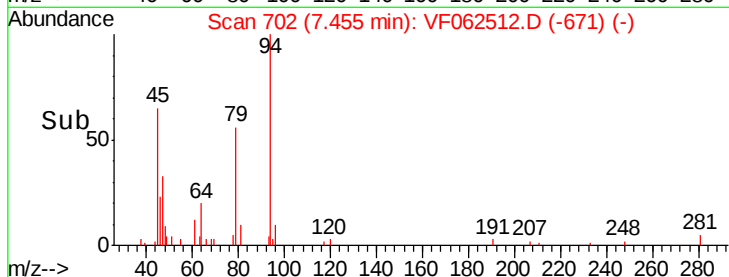
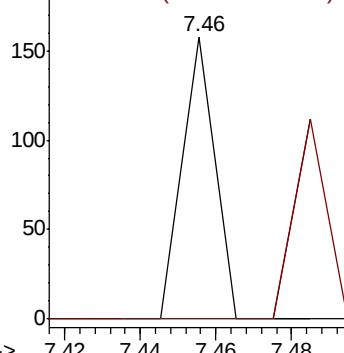
#58
2-Chloroethyl Vinyl ether
Concen: 1.158 ug/l
RT: 7.46 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

Tot Ion: 63 Resp: 93
Ion Ratio Lower Upper
63 100
106 0.0 25.8 38.8#

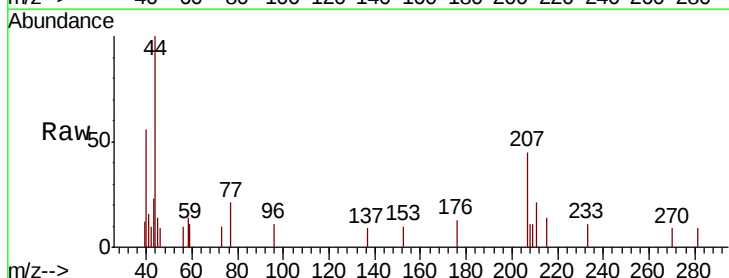


Abundance Ion 62.90 (62.60 to 63.60): VF0
Ion 105.90 (105.60 to 106.60): V

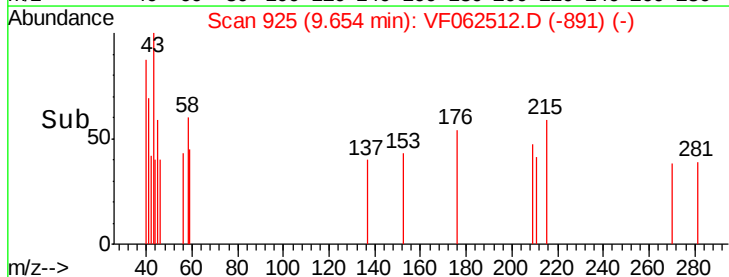
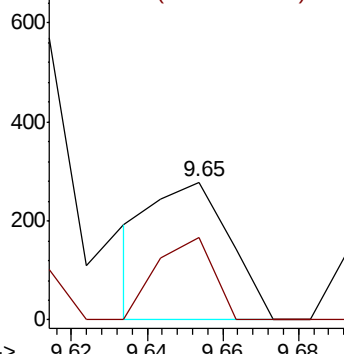


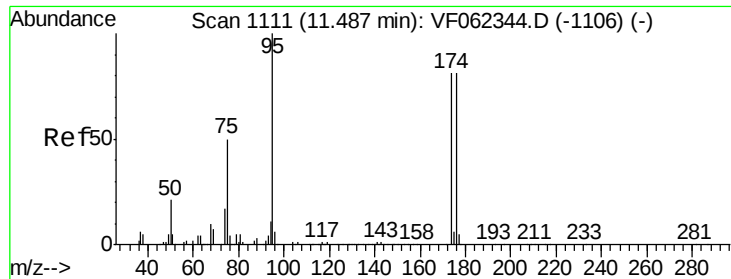
#59
2-Hexanone
Concen: 2.810 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.04 min
Lab File: VF062512.D
Acq: 12 May 2019 19:28

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 43.8 24.3 73.0



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





#62

4-Bromofluorobenzene

Concen: 34.696 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

P026-SS015-0002-01

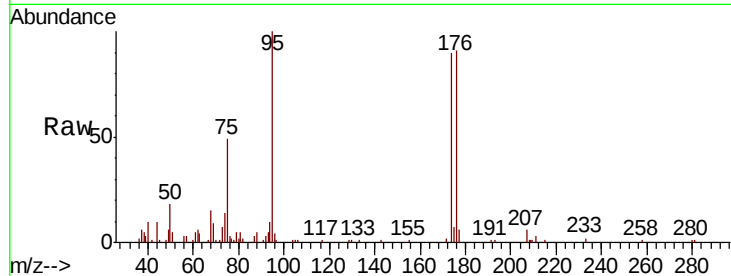
Tot Ion: 95 Resp: 20619

Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.8

176 96.6 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

11.51

15000

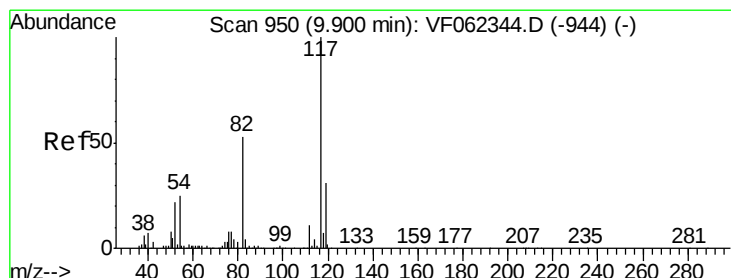
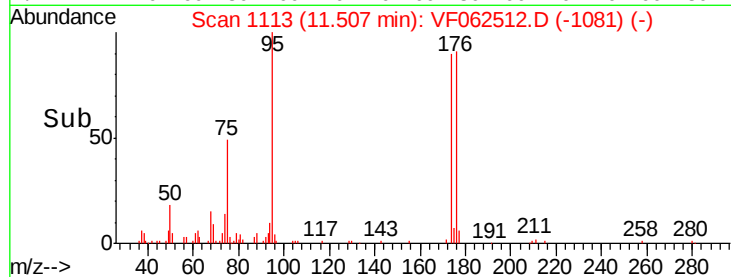
10000

5000

0

Time-->

11.45 11.50 11.55 11.60



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

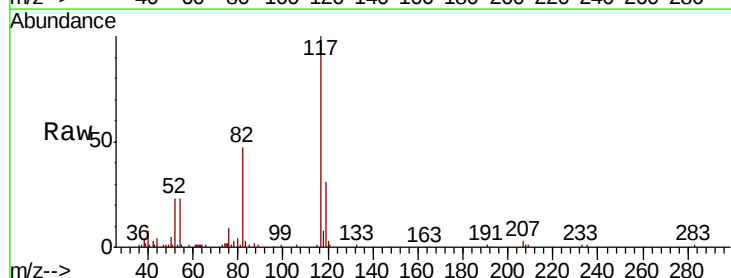
Tgt Ion: 117 Resp: 51815

Ion Ratio Lower Upper

117 100

82 47.2 42.2 63.2

119 31.0 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

9.93

30000

25000

20000

15000

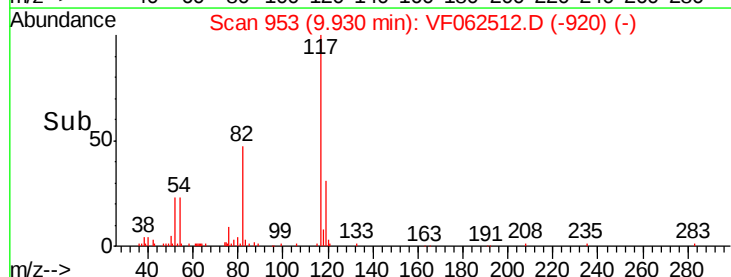
10000

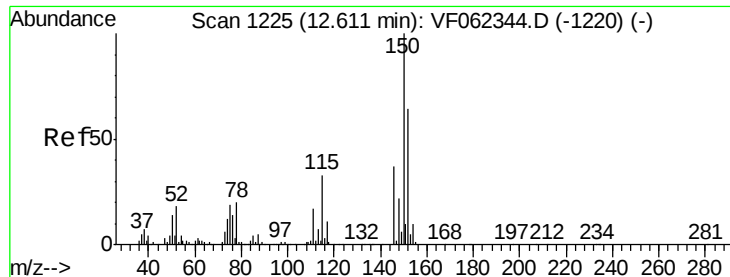
5000

0

Time-->

9.80 9.90 10.00





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

P026-SS015-0002-01

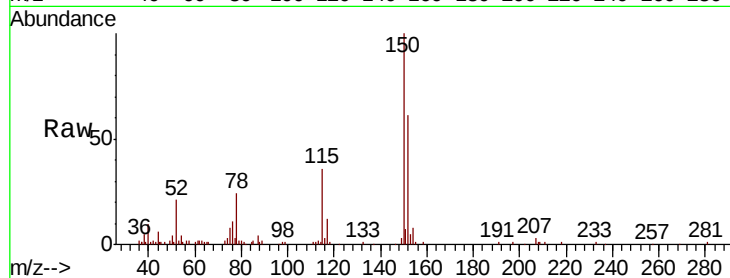
Tot Ion:152 Resp: 23396

Ion Ratio Lower Upper

152 100

115 55.2 26.4 79.2

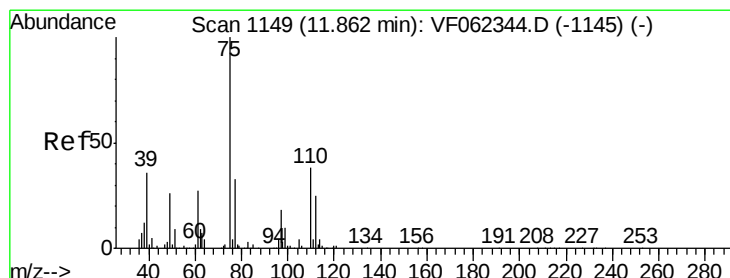
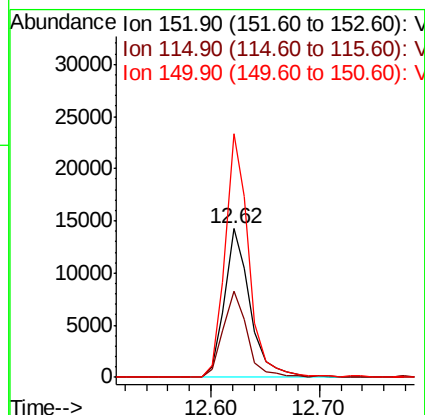
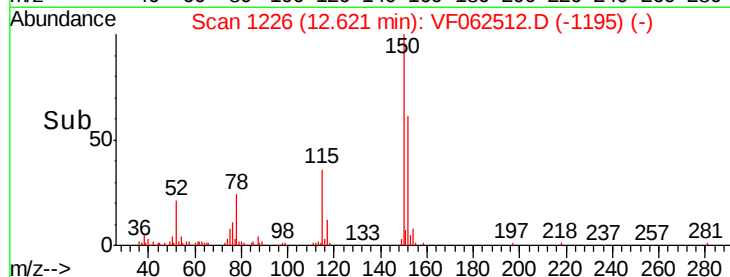
150 151.3 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 1.002 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. -0.02 min

Lab File: VF062512.D

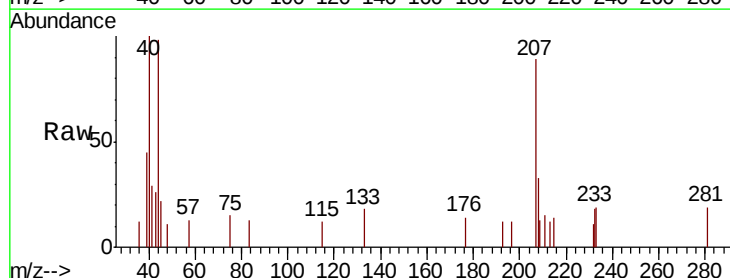
Acq: 12 May 2019 19:28

Tgt Ion: 75 Resp: 166

Ion Ratio Lower Upper

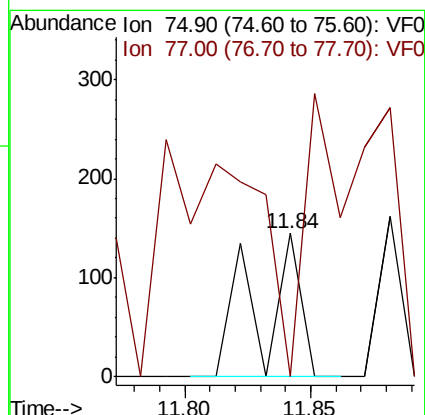
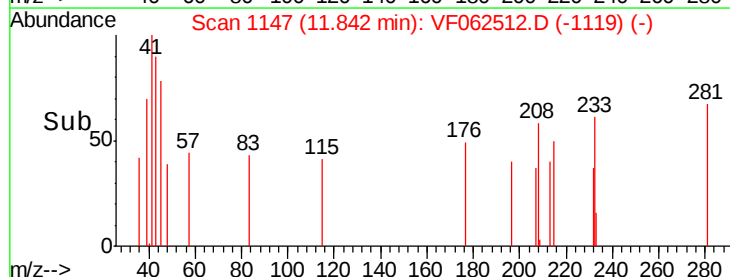
75 100

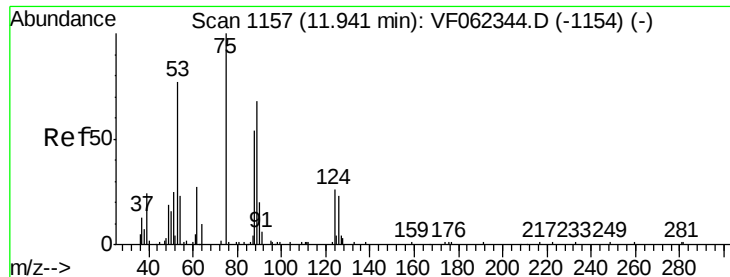
77 338.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#81

trans-1,4-Dichloro-2-butene

Concen: 1.220 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.02 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Instrument :

MSVOA_F

ClientSampleId :

P026-SS015-0002-01

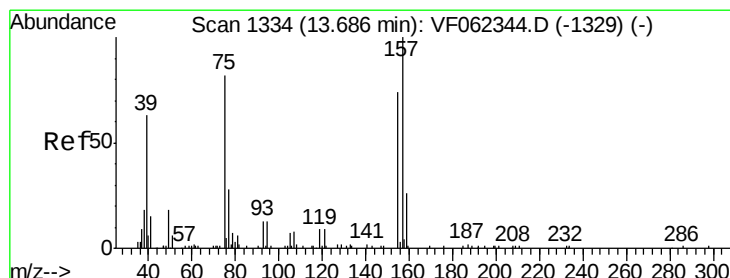
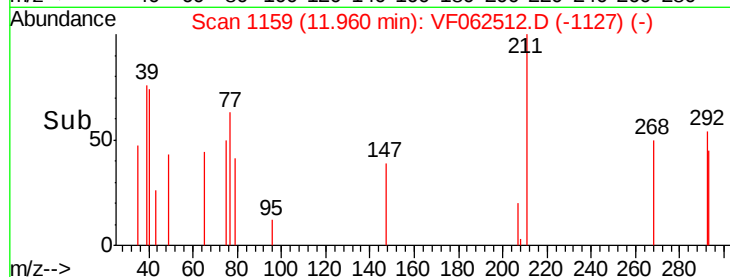
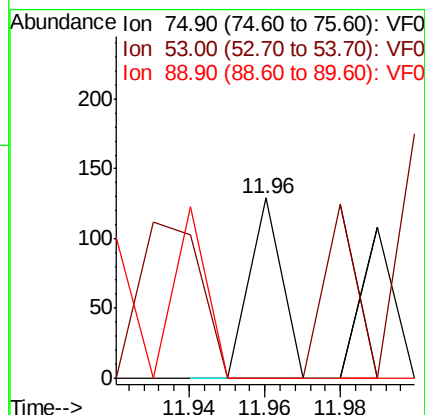
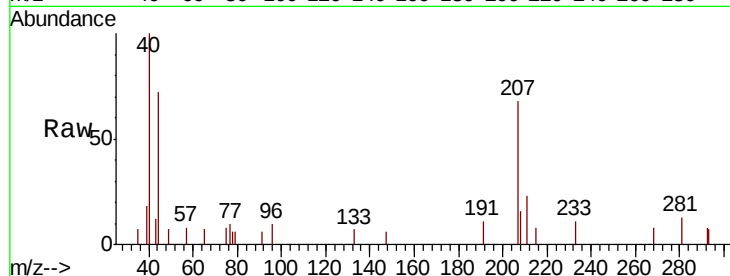
Tot Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

53 0.0 71.9 107.9#

89 0.0 0.0 0.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.624 ug/l

RT: 13.75 min Scan# 1341

Delta R.T. 0.07 min

Lab File: VF062512.D

Acq: 12 May 2019 19:28

Tgt Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

157 0.0 67.3 201.8#

