

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062504.D
 Acq On : 12 May 2019 15:44
 Operator : FY/SY
 Sample : K2734-06
 Misc : 4.29g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-02

Quant Time: May 13 04:46:20 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	5.08	168	14734	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	22523	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	13716	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	4200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	19829	142.41	ug/l	0.03
Spiked Amount			Recovery	=	284.82%	
35) Dibromofluoromethane	4.33	113	20319	113.24	ug/l	0.03
Spiked Amount			Recovery	=	226.48%	
50) Toluene-d8	7.73	98	13284	30.58	ug/l	0.03
Spiked Amount			Recovery	=	61.16%	
62) 4-Bromofluorobenzene	11.51	95	4377	22.34	ug/l	0.02
Spiked Amount			Recovery	=	44.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.19	50	579	5.148	ug/l #	82
5) Bromomethane	1.43	94	460	3.079	ug/l #	23
6) Chloroethane	1.46	64	521	9.238	ug/l #	1
8) Diethyl Ether	1.71	74	601	17.066	ug/l	57
11) Tert butyl alcohol	2.70	59	1109	140.922	ug/l #	1
12) 1,1-Dichloroethene	1.90	96	584	5.170	ug/l #	1
13) Acrolein	2.11	56	1034	209.113	ug/l #	13
14) Allyl chloride	2.23	41	577	5.782	ug/l #	88
15) Acrylonitrile	3.10	53	995	66.747	ug/l #	70
16) Acetone	2.36	43	13670	485.307	ug/l	94
18) Methyl Acetate	2.50	43	2925	57.405	ug/l #	76
19) Methyl tert-butyl Ether	2.57	73	851	3.649	ug/l	94
20) Methylene Chloride	2.32	84	2593	25.444	ug/l #	67
21) trans-1,2-Dichloroethene	2.42	96	695	6.457	ug/l #	1
22) Diisopropyl ether	2.96	45	1541	4.941	ug/l #	36
23) Vinyl Acetate	3.38	43	723	5.201	ug/l #	79
24) 1,1-Dichloroethane	3.01	63	189	1.003	ug/l #	2
25) 2-Butanone	4.54	43	1482	41.879	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	583	5.539	ug/l	88
27) cis-1,2-Dichloroethene	3.90	96	167	1.241	ug/l	36
28) Bromochloromethane	3.98	49	97	1.135	ug/l #	1
29) Tetrahydrofuran	4.37	42	167	10.268	ug/l	97
31) Cyclohexane	3.87	56	200	1.329	ug/l #	16
36) 1,1-Dichloropropene	4.47	75	233	1.204	ug/l #	42
37) Ethyl Acetate	4.32	43	666	3.991	ug/l #	60
38) Carbon Tetrachloride	4.17	117	64	Below Cal	#	1
40) Benzene	4.81	78	539	1.265	ug/l #	48
41) Methacrylonitrile	4.97	41	385	8.299	ug/l #	34
43) Isopropyl Acetate	7.13	43	432	4.909	ug/l #	76
45) 1,2-Dichloropropane	6.43	63	190	1.969	ug/l #	43
48) Methyl methacrylate	6.89	41	373	5.998	ug/l #	33
49) 1,4-Dioxane	6.87	88	108	157.843	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	719	10.782	ug/l #	2
52) Toluene	7.80	92	356	1.354	ug/l #	52

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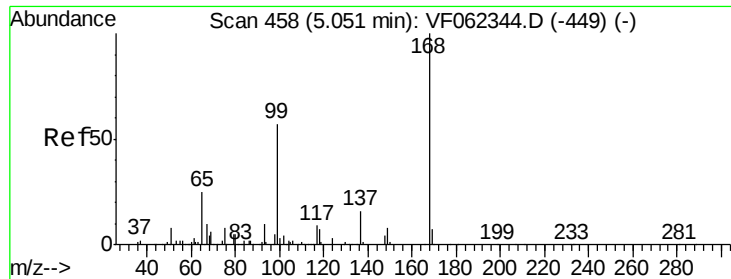
Instrument :
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Quant Time: May 13 04:46:20 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	8.69	97	88	1.055	ug/l #	14
57) 1,3-Dichloropropane	9.00	76	184	1.460	ug/l #	76
58) 2-Chloroethyl Vinyl ether	7.58	63	157	5.929	ug/l	89
59) 2-Hexanone	9.64	43	1246	27.017	ug/l	71
64) Tetrachloroethene	8.32	164	236	2.119	ug/l #	1
67) Ethyl Benzene	10.05	91	2822	7.101	ug/l	94
70) Styrene	10.89	104	2045	8.612	ug/l #	82
73) Isopropylbenzene	11.23	105	1246	5.004	ug/l	83
74) N-amyl acetate	11.45	43	364	6.809	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.77	83	174	4.463	ug/l #	88
76) 1,2,3-Trichloropropane	11.86	75	315	10.590	ug/l #	100
77) Bromobenzene	11.59	156	166	2.540	ug/l #	1
78) n-propylbenzene	11.68	91	1275	4.810	ug/l #	74
79) 2-Chlorotoluene	11.80	91	245	1.486	ug/l #	69
80) 1,3,5-Trimethylbenzene	11.90	105	479	2.195	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.91	75	165	14.758	ug/l #	5
82) 4-Chlorotoluene	11.99	91	452	2.776	ug/l #	66
83) tert-Butylbenzene	12.21	119	459	2.001	ug/l	96
84) 1,2,4-Trimethylbenzene	12.27	105	519	2.430	ug/l	87
85) sec-Butylbenzene	12.39	105	843	3.020	ug/l	86
86) p-Isopropyltoluene	12.53	119	740	2.853	ug/l #	70
87) 1,3-Dichlorobenzene	12.55	146	321	2.690	ug/l #	25
88) 1,4-Dichlorobenzene	12.65	146	292	2.535	ug/l #	42
89) n-Butylbenzene	12.91	91	300	1.300	ug/l #	58
90) Hexachloroethane	13.18	117	89	1.374	ug/l	81
91) 1,2-Dichlorobenzene	13.01	146	280	2.424	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	13.70	75	82	9.389	ug/l #	36
93) 1,2,4-Trichlorobenzene	14.25	180	275	2.654	ug/l #	45
95) Naphthalene	14.50	128	1631	10.470	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.64	180	253	2.520	ug/l #	70

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

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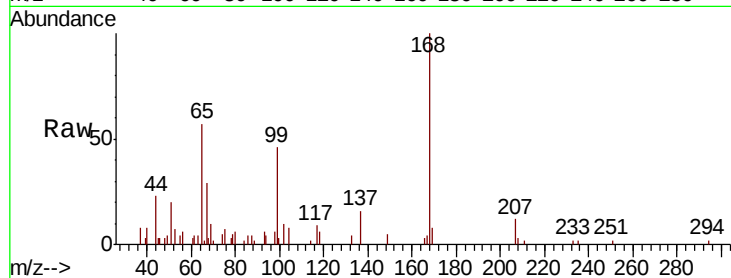
P026-SS012-0002-02

Tot Ion:168 Resp: 14734

Ion Ratio Lower Upper

168 100

99 45.7 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

6000

5000

4000

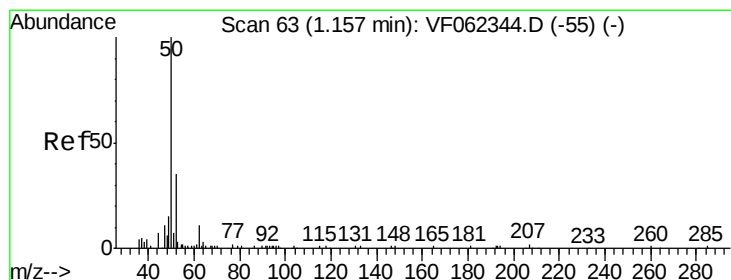
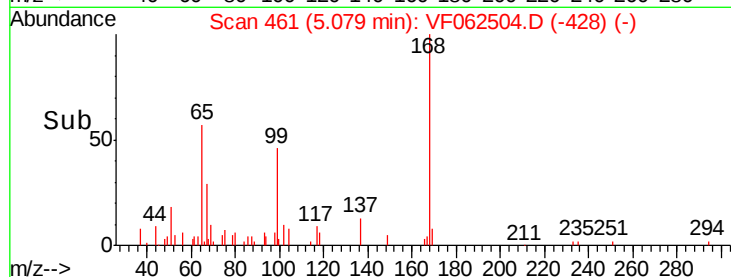
3000

2000

1000

0

Time-->



#3

Chloromethane

Concen: 5.148 ug/l

RT: 1.19 min Scan# 67

Delta R.T. 0.04 min

Lab File: VF062504.D

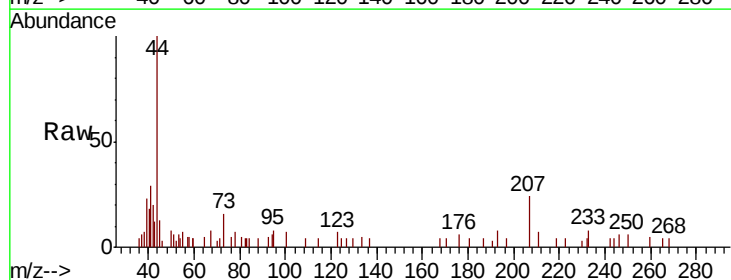
Acq: 12 May 2019 15:44

Tgt Ion: 50 Resp: 579

Ion Ratio Lower Upper

50 100

52 42.9 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

400

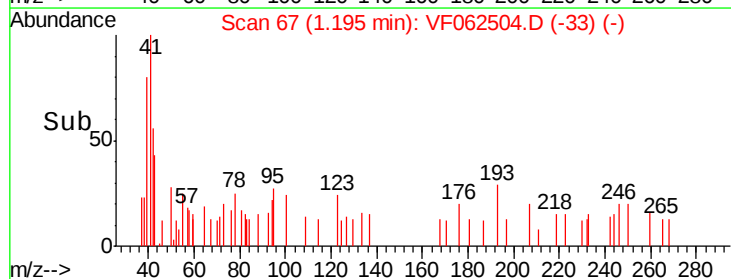
300

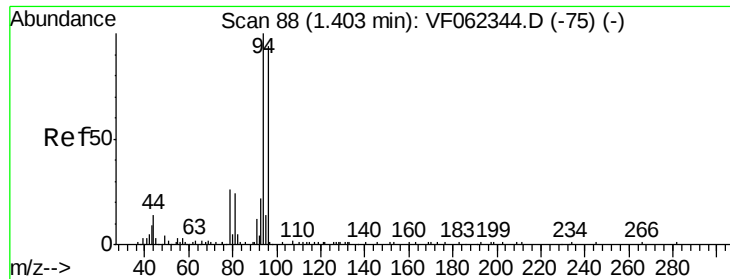
200

100

0

Time-->





#5

Bromomethane

Concen: 3.079 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

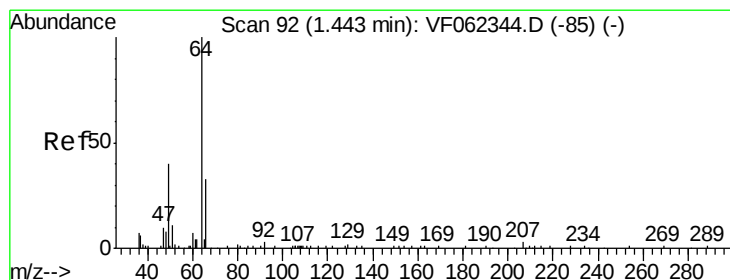
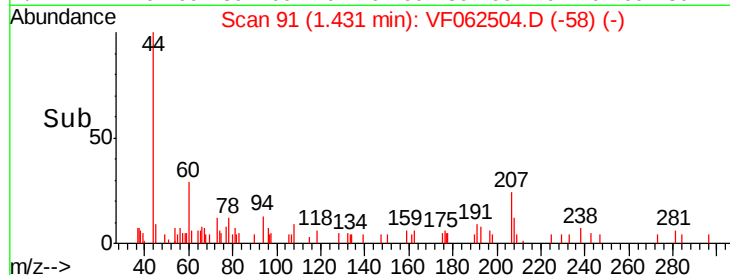
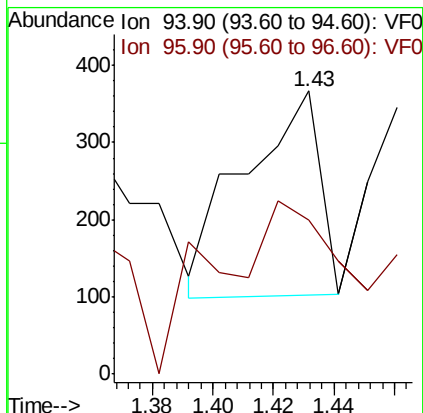
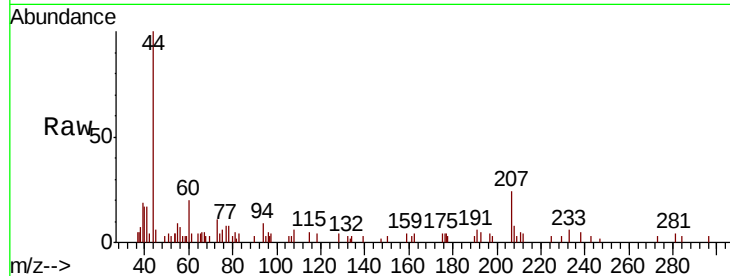
P026-SS012-0002-02

Tot Ion: 94 Resp: 460

Ion Ratio Lower Upper

94 100

96 20.2 75.4 113.2#



#6

Chloroethane

Concen: 9.238 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.02 min

Lab File: VF062504.D

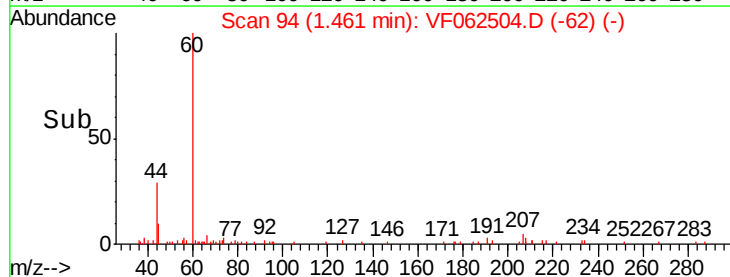
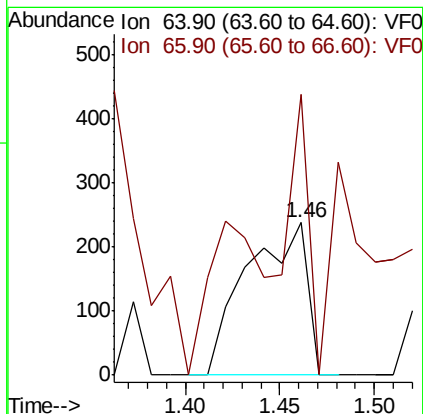
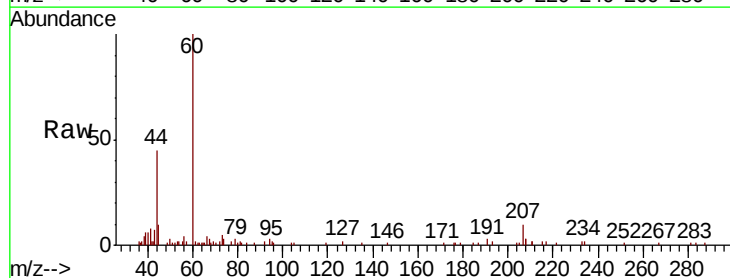
Acq: 12 May 2019 15:44

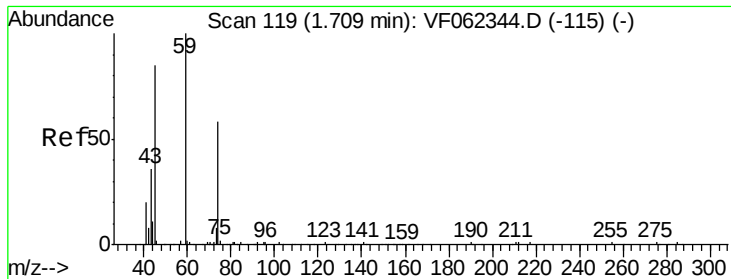
Tgt Ion: 64 Resp: 521

Ion Ratio Lower Upper

64 100

66 184.8 26.6 39.8#





#8

Diethyl Ether

Concen: 17.066 ug/l

RT: 1.71 min Scan# 119

Delta R.T. -0.00 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

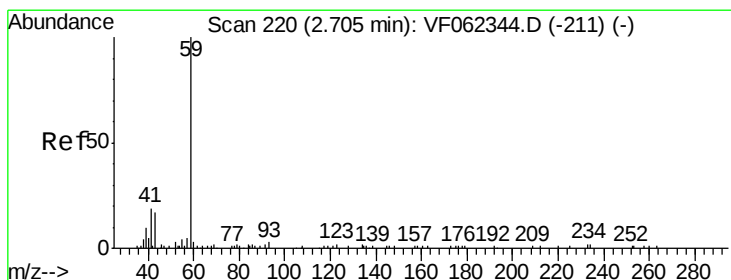
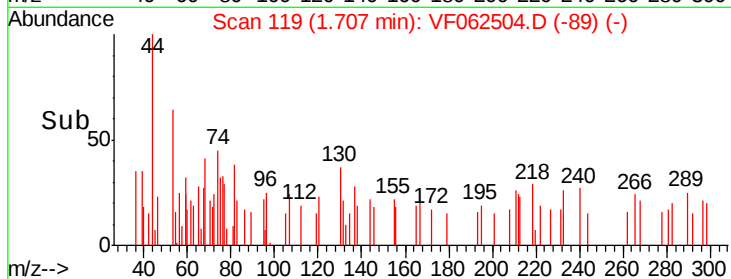
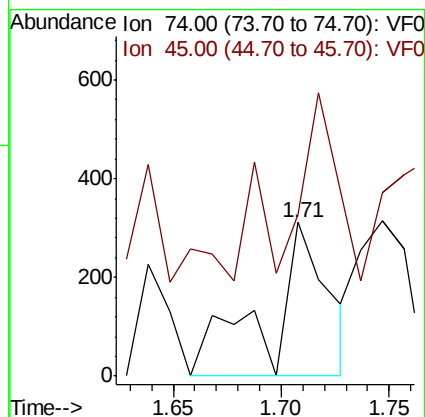
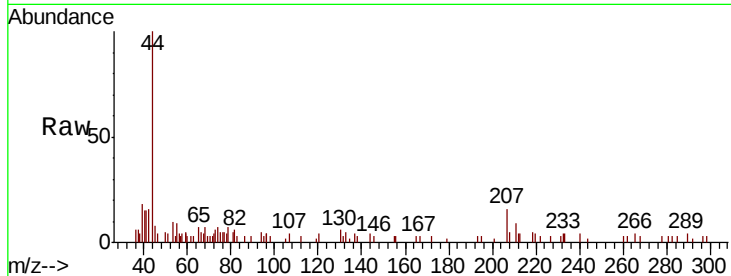
P026-SS012-0002-02

Tot Ion: 74 Resp: 601

Ion Ratio Lower Upper

74 100

45 93.5 73.9 221.6



#11

Tert butyl alcohol

Concen: 140.922 ug/l

RT: 2.70 min Scan# 220

Delta R.T. -0.00 min

Lab File: VF062504.D

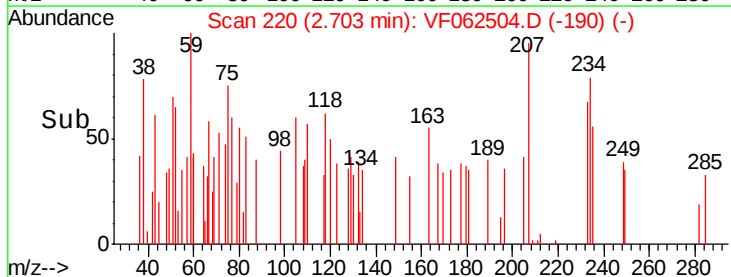
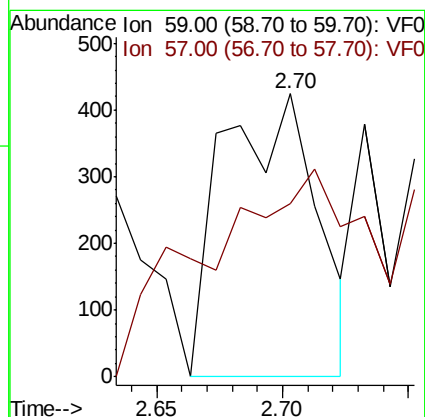
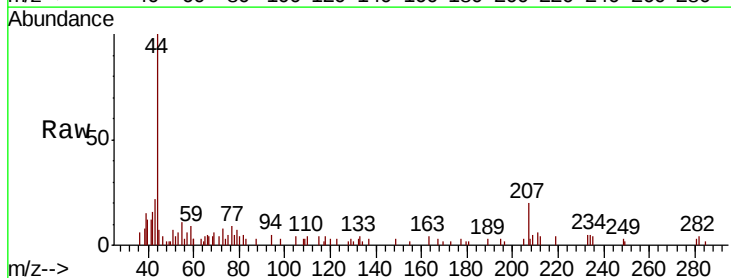
Acq: 12 May 2019 15:44

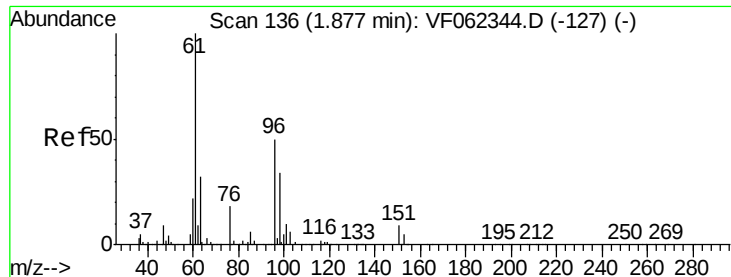
Tgt Ion: 59 Resp: 1109

Ion Ratio Lower Upper

59 100

57 123.9 9.3 13.9#





#12

1,1-Dichloroethene

Concen: 5.170 ug/l

RT: 1.90 min Scan# 139

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

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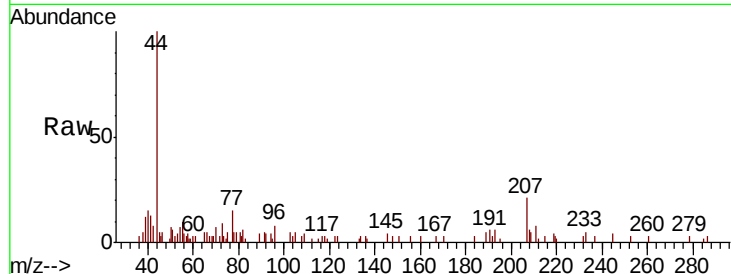
Tot Ion: 96 Resp: 584

Ion Ratio Lower Upper

96 100

61 4.7 163.2 244.8#

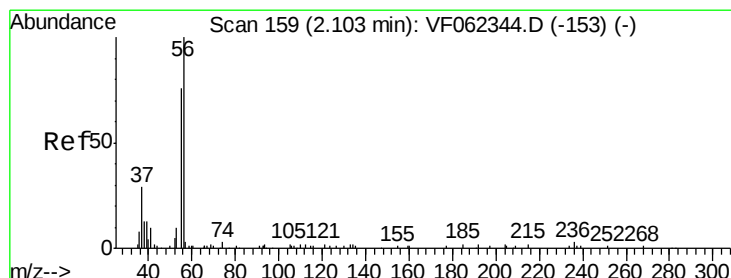
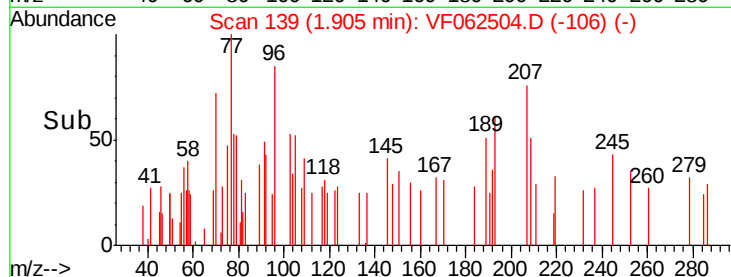
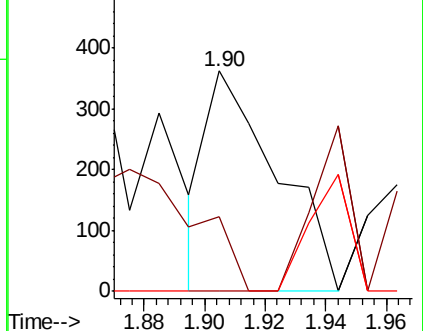
98 0.0 55.2 82.8#



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



#13

Acrolein

Concen: 209.113 ug/l

RT: 2.11 min Scan# 160

Delta R.T. 0.01 min

Lab File: VF062504.D

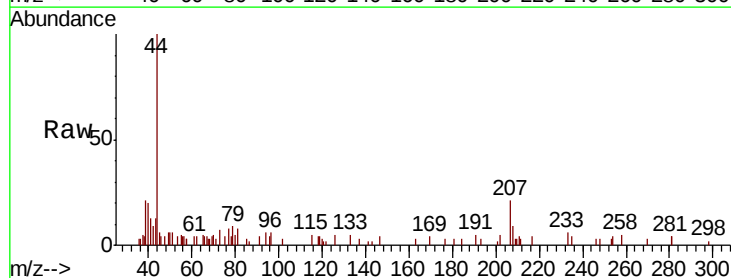
Acq: 12 May 2019 15:44

Tgt Ion: 56 Resp: 1034

Ion Ratio Lower Upper

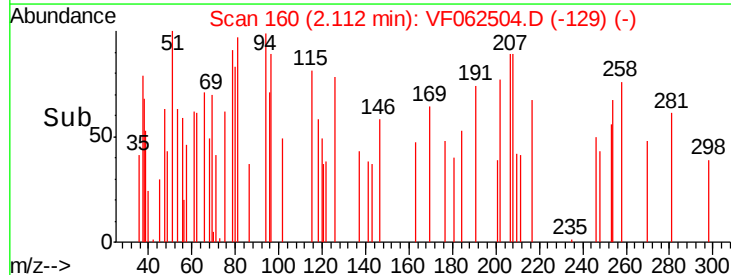
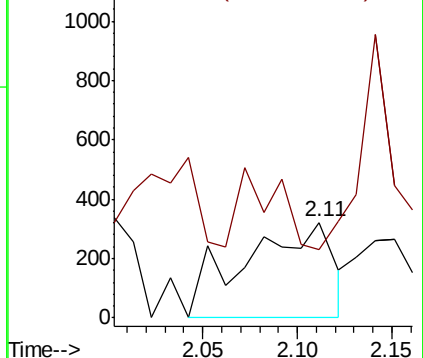
56 100

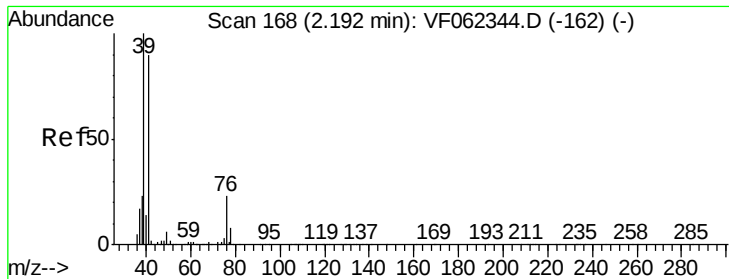
55 0.0 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

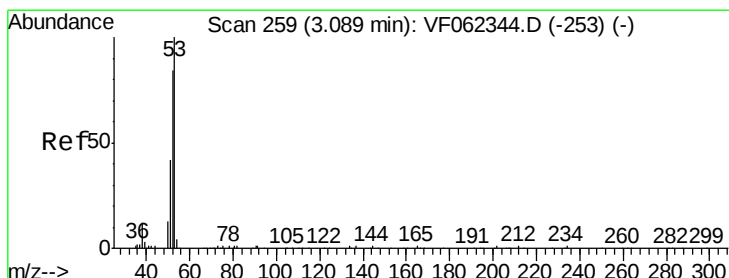
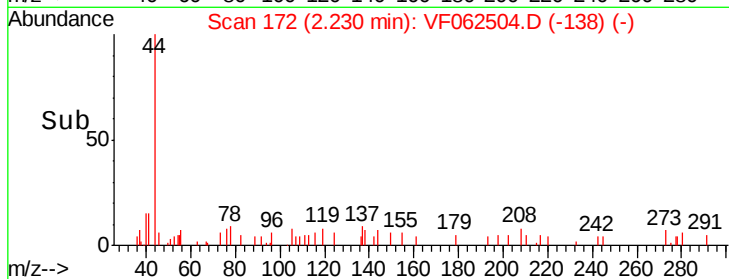
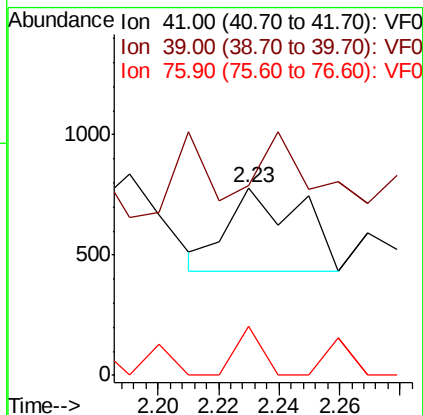
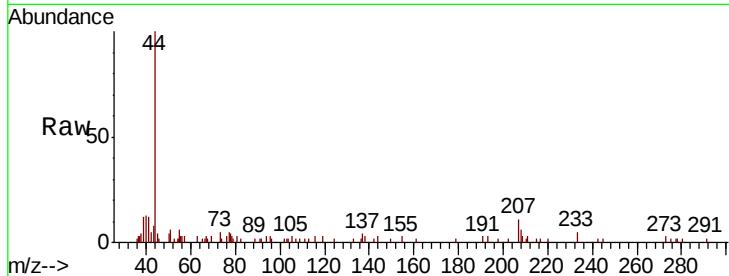




#14
Allvl chloride
Concen: 5.782 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.04 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

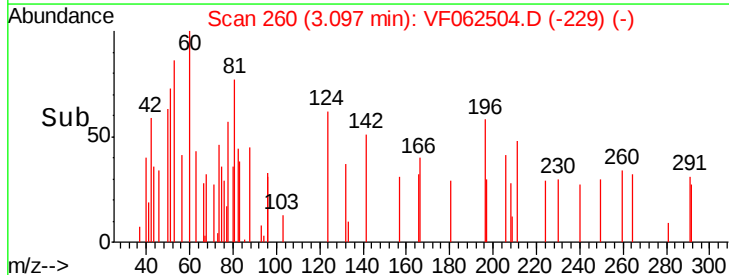
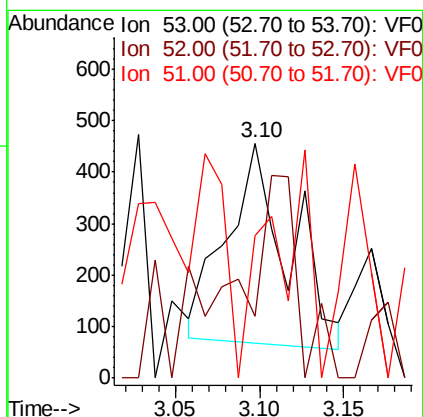
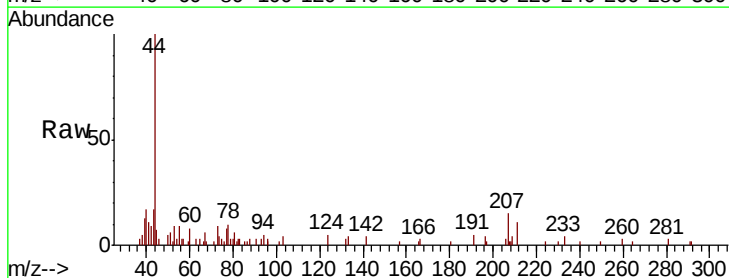
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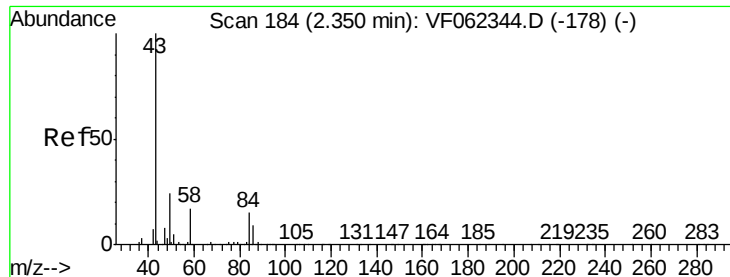
Tot Ion: 41 Resp: 577
Ion Ratio Lower Upper
41 100
39 126.7 90.8 136.2
76 21.0 22.2 33.4#



#15
Acrylonitrile
Concen: 66.747 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion: 53 Resp: 995
Ion Ratio Lower Upper
53 100
52 104.3 77.2 115.8
51 0.0 40.6 61.0#

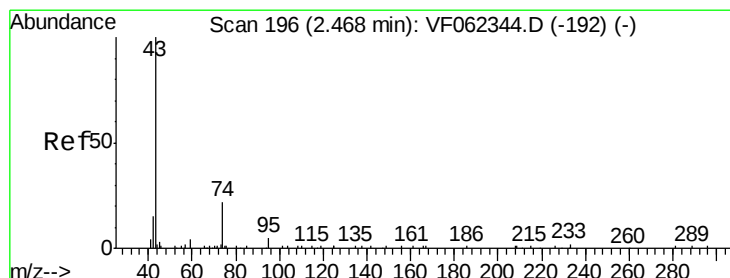
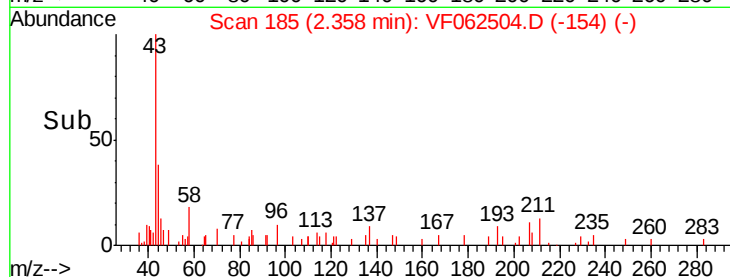
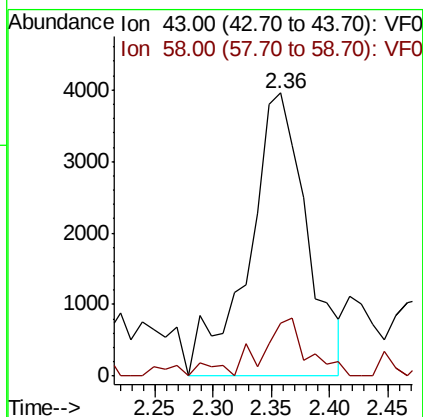
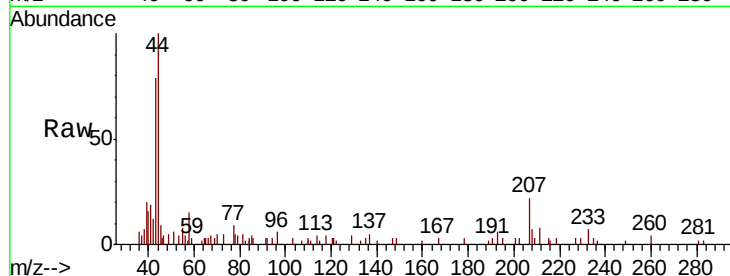




#16
Acetone
Concen: 485.307 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

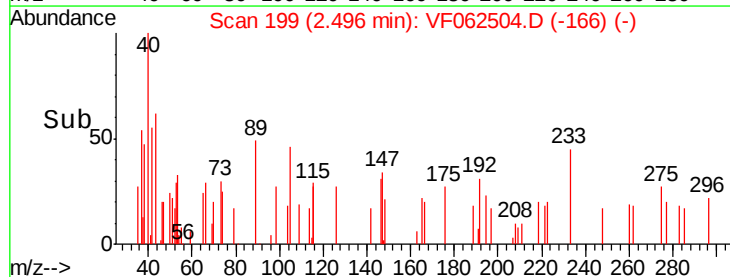
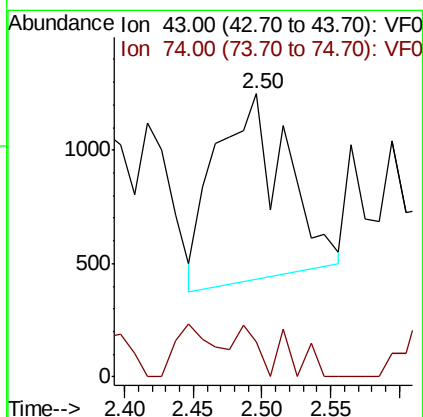
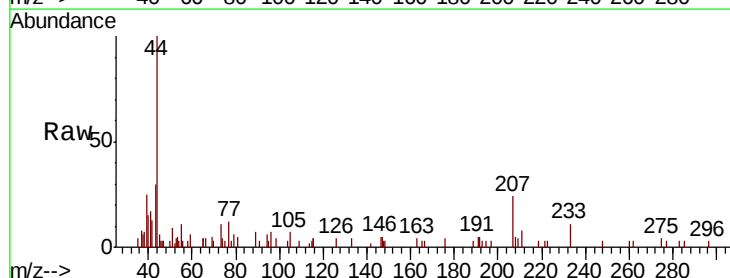
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

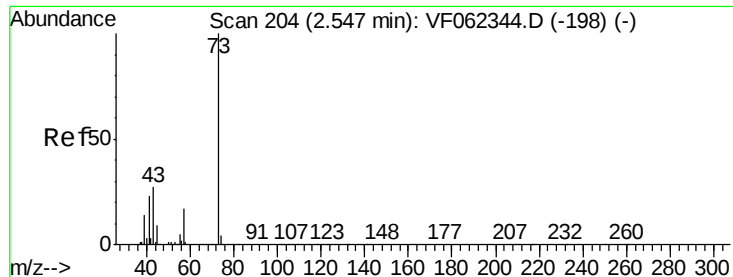
Tot Ion: 43 Resp: 13670
Ion Ratio Lower Upper
43 100
58 18.9 13.1 19.7



#18
Methyl Acetate
Concen: 57.405 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion: 43 Resp: 2925
Ion Ratio Lower Upper
43 100
74 7.8 15.0 22.4#

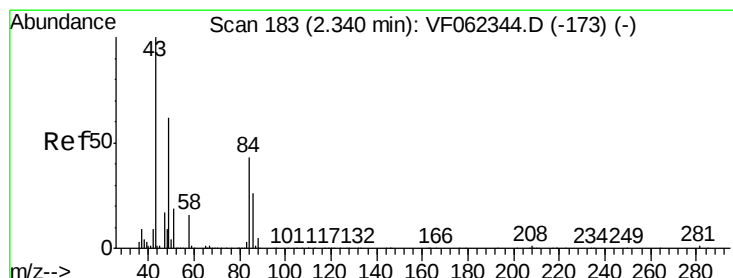
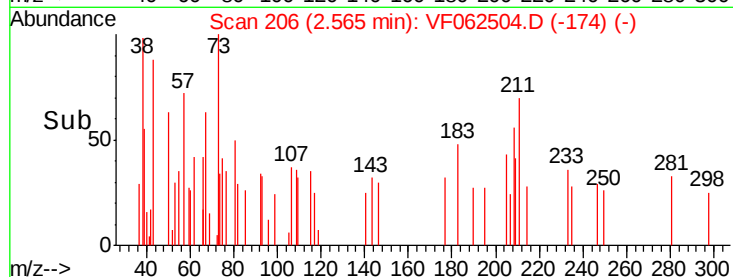
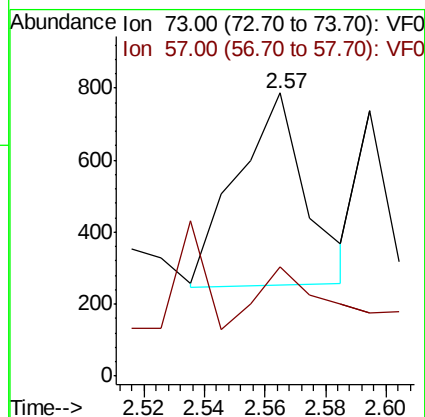
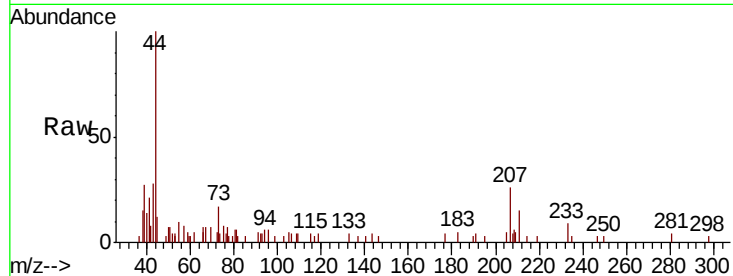




#19
Methvl tert-butvl Ether
Concen: 3.649 ug/l
RT: 2.57 min Scan# 206
Delta R.T. 0.02 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

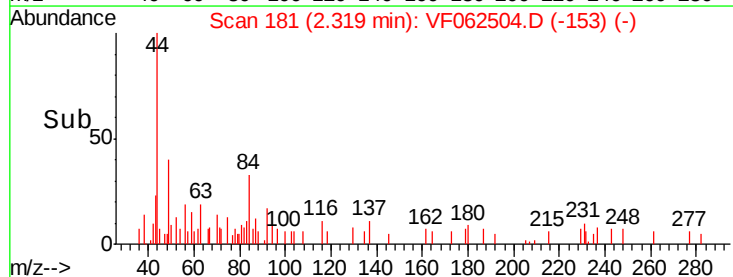
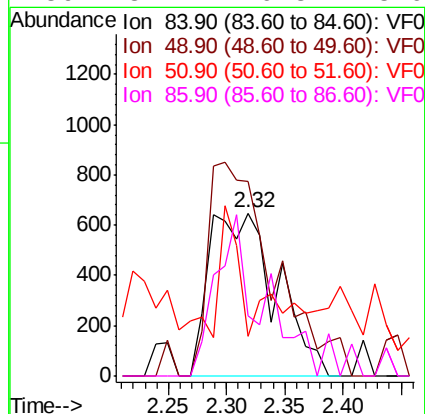
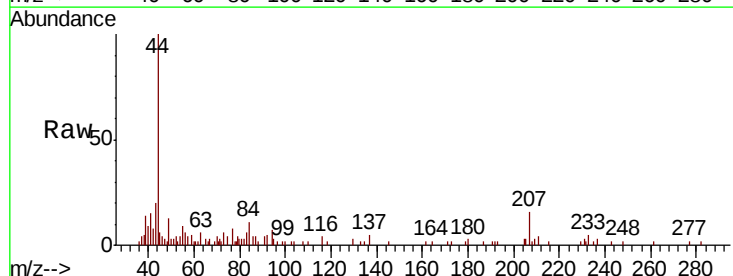
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

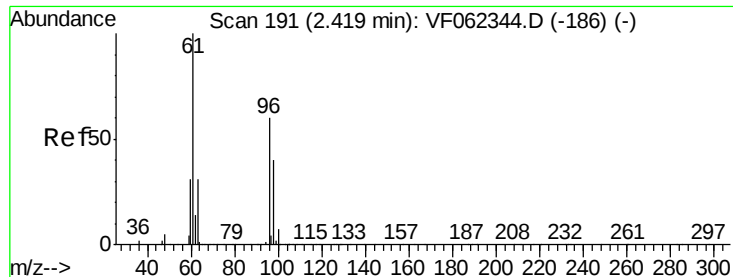
Tot Ion: 73 Resp: 851
Ion Ratio Lower Upper
73 100
57 19.7 13.7 20.5



#20
Methylene Chloride
Concen: 25.444 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion: 84 Resp: 2593
Ion Ratio Lower Upper
84 100
49 119.8 117.5 176.3
51 0.0 37.0 55.4#
86 37.2 49.3 73.9#





#21

trans-1,2-Dichloroethene

Concen: 6.457 ug/l

RT: 2.42 min Scan# 191

Delta R.T. -0.00 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

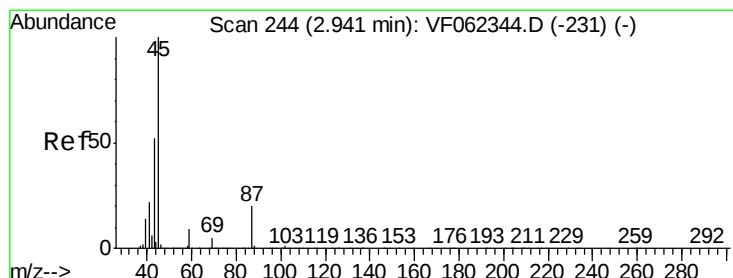
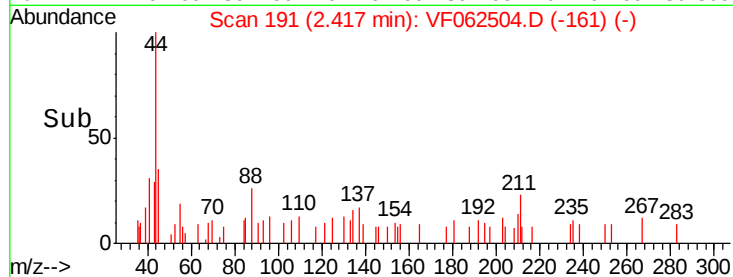
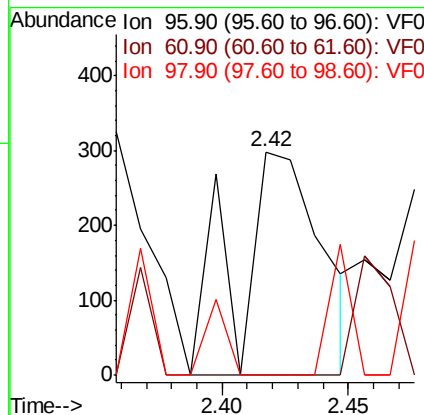
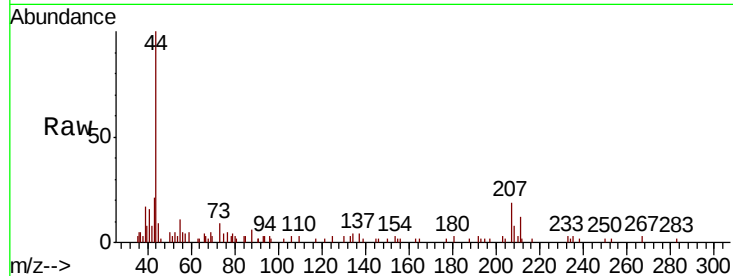
Tot Ion: 96 Resp: 695

Ion Ratio Lower Upper

96 100

61 0.0 133.2 199.8#

98 0.0 53.1 79.7#



#22

Diisopropyl ether

Concen: 4.941 ug/l

RT: 2.96 min Scan# 246

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Tgt Ion: 45 Resp: 1541

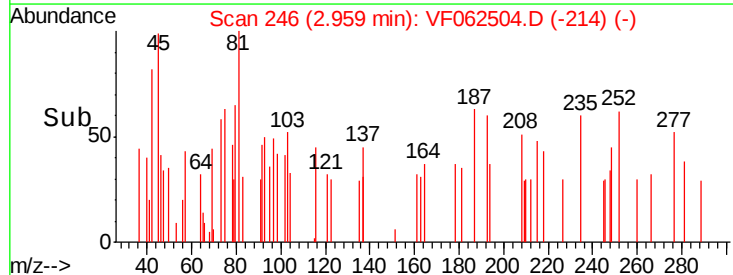
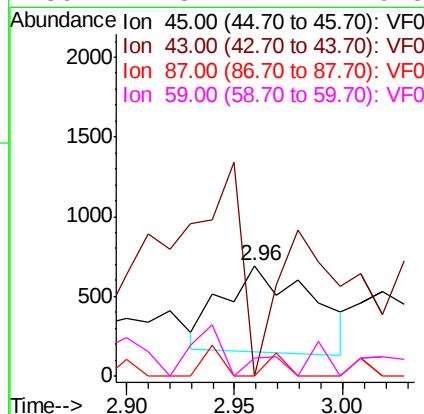
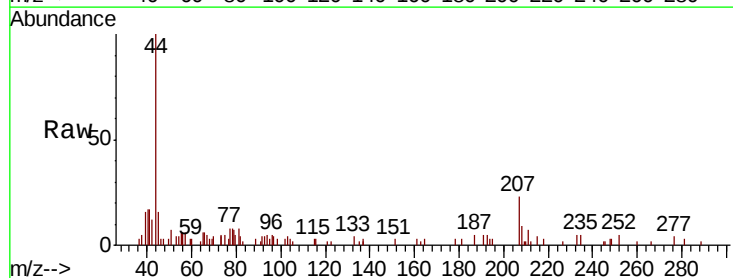
Ion Ratio Lower Upper

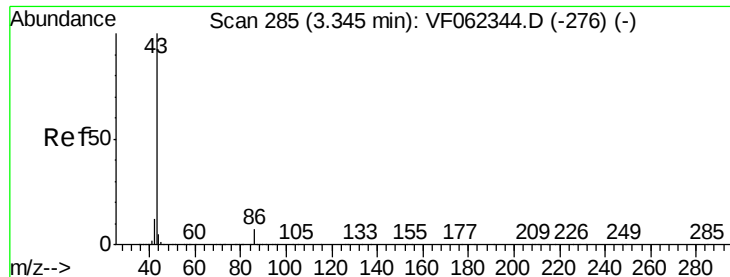
45 100

43 0.0 41.4 62.0#

87 0.0 15.8 23.6#

59 27.3 7.2 10.8#





#23

Vinyl Acetate

Concen: 5.201 ug/l

RT: 3.38 min Scan# 289

Delta R.T. 0.04 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

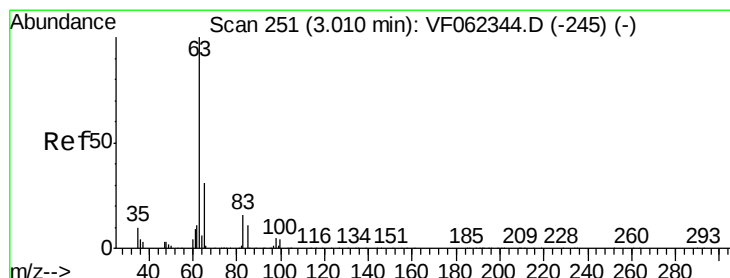
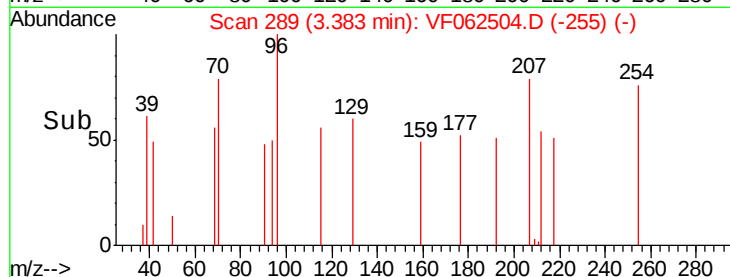
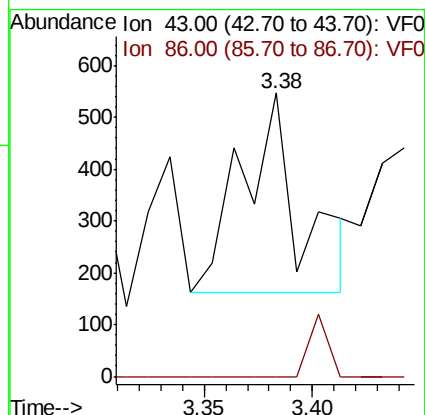
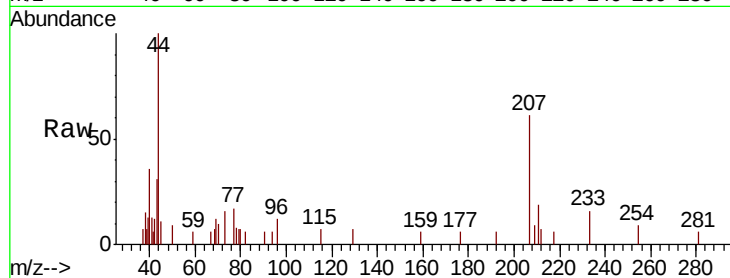
P026-SS012-0002-02

Tot Ion: 43 Resp: 723

Ion Ratio Lower Upper

43 100

86 0.0 5.7 8.5#



#24

1,1-Dichloroethane

Concen: 1.003 ug/l

RT: 3.01 min Scan# 251

Delta R.T. -0.00 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

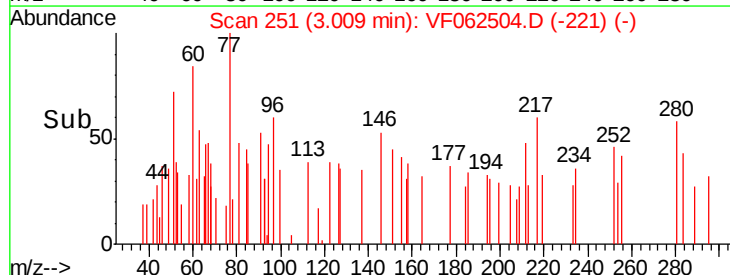
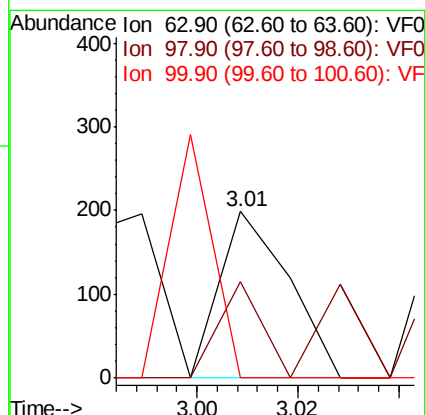
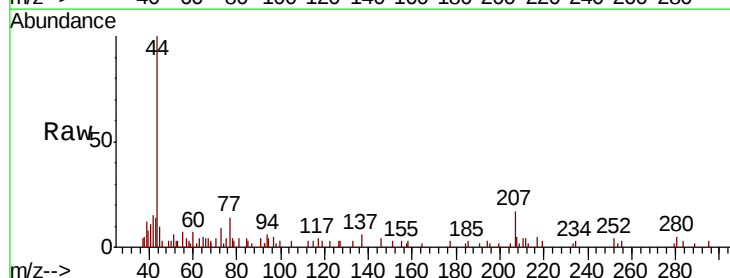
Tgt Ion: 63 Resp: 189

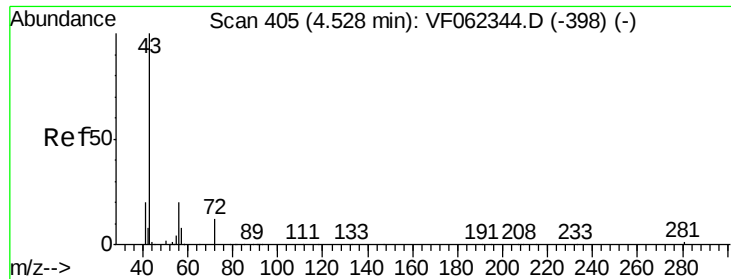
Ion Ratio Lower Upper

63 100

98 57.8 2.6 8.0#

100 0.0 1.8 5.4#





#25

2-Butanone

Concen: 41.879 ug/l

RT: 4.54 min Scan# 406

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

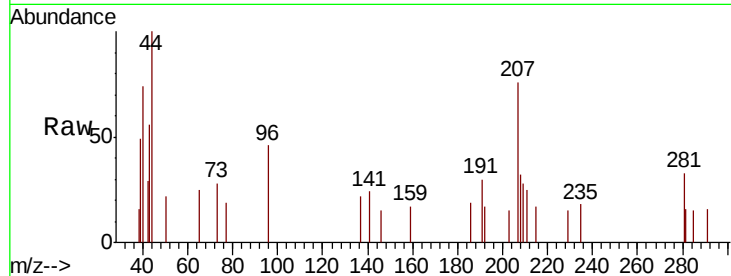
P026-SS012-0002-02

Tot Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

72 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.54

400

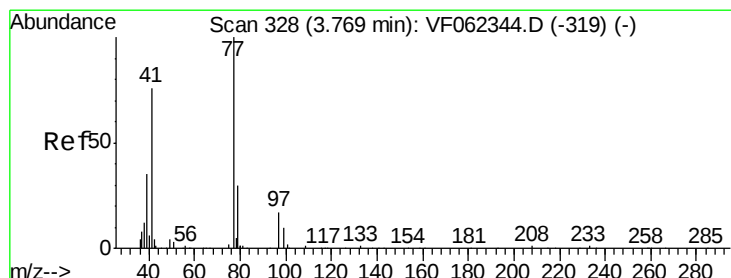
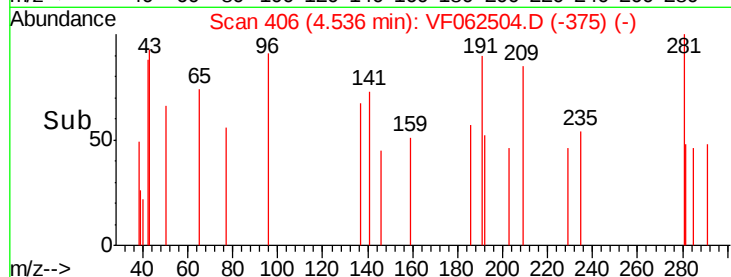
300

200

100

0

Time-->



#26

2,2-Dichloropropane

Concen: 5.539 ug/l

RT: 3.70 min Scan# 321

Delta R.T. -0.07 min

Lab File: VF062504.D

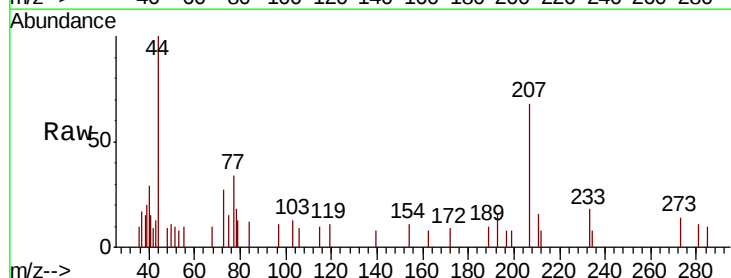
Acq: 12 May 2019 15:44

Tgt Ion: 77 Resp: 583

Ion Ratio Lower Upper

77 100

97 13.7 9.5 28.5



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

3.70

500

400

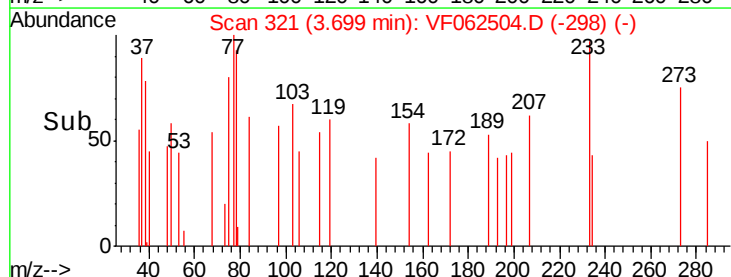
300

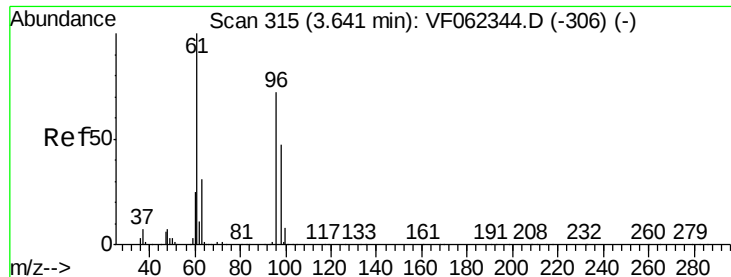
200

100

0

Time-->



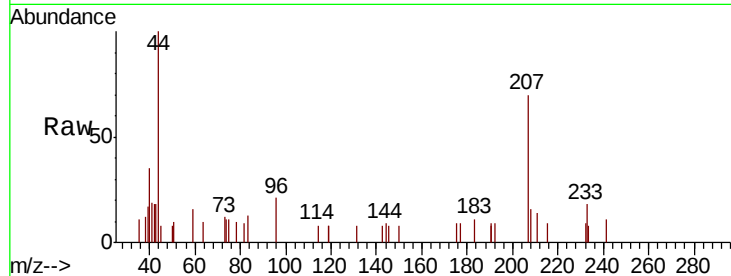


#27

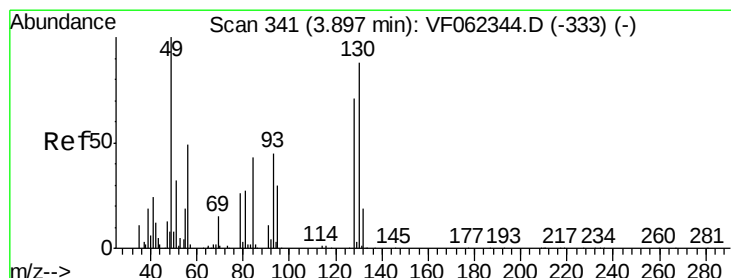
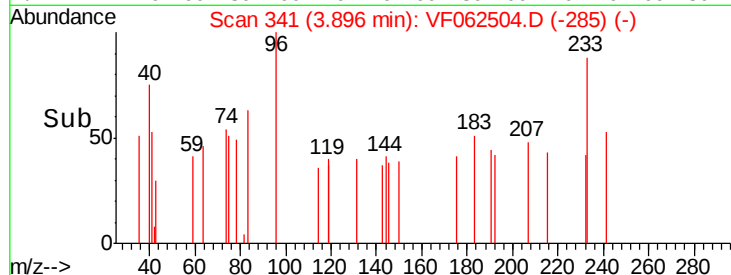
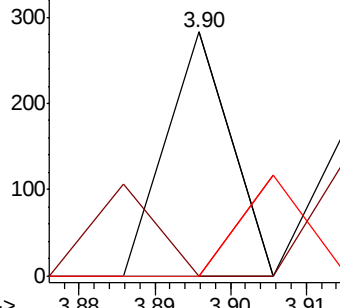
cis-1,2-Dichloroethene
Concen: 1.241 ug/l
RT: 3.90 min Scan# 341
Delta R.T. 0.25 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

Tot Ion	Ratio	Lower	Upper
96	100		
61	37.7	0.0	263.0
98	41.3	0.0	130.8



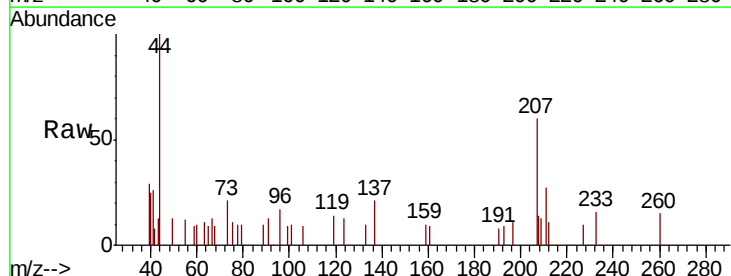
Abundance Ion 95.90 (95.60 to 96.60): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 97.90 (97.60 to 98.60): VF0



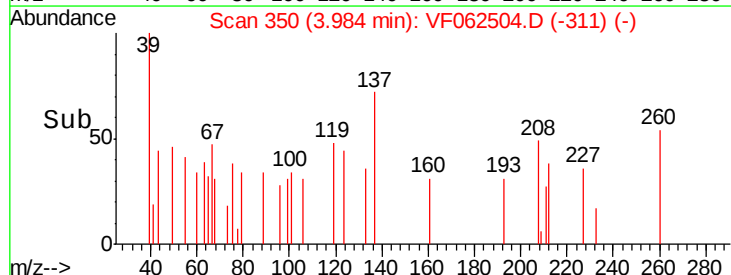
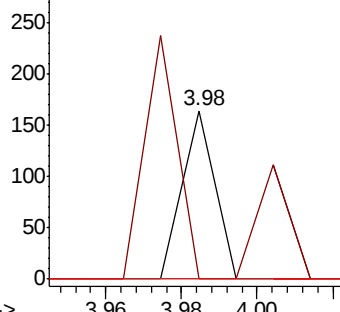
#28

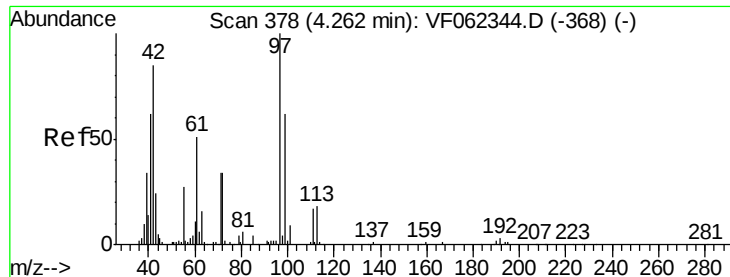
Bromochloromethane
Concen: 1.135 ug/l
RT: 3.98 min Scan# 350
Delta R.T. 0.09 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	144.3	0.0	2.2#
130	0.0	79.4	119.0#



Abundance Ion 48.90 (48.60 to 49.60): VF0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 10.268 ug/l

RT: 4.37 min Scan# 389

Delta R.T. 0.11 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

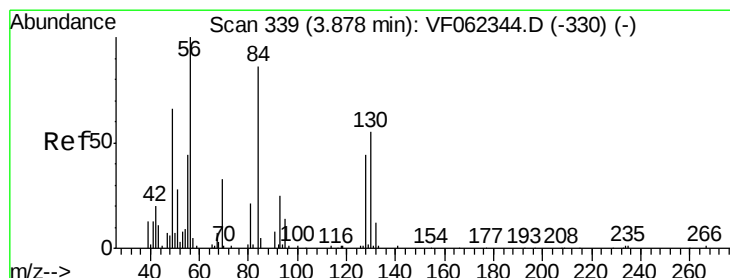
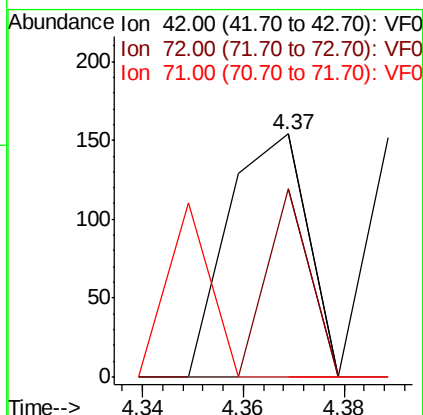
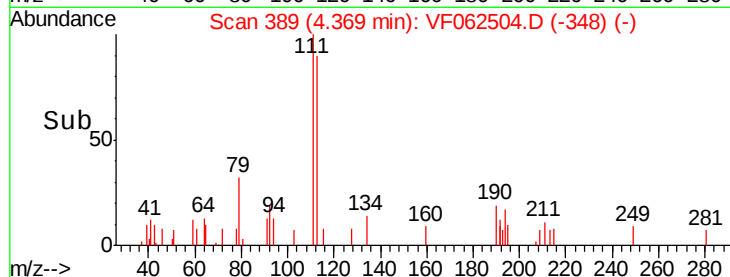
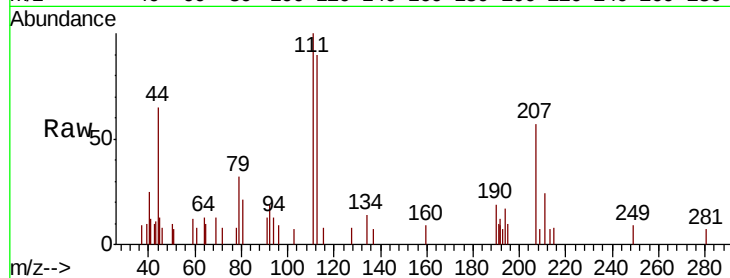
Tot Ion: 42 Resp: 167

Ion Ratio Lower Upper

42 100

72 41.9 31.4 47.0

71 38.9 31.7 47.5



#31

Cyclohexane

Concen: 1.329 ug/l

RT: 3.87 min Scan# 338

Delta R.T. -0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

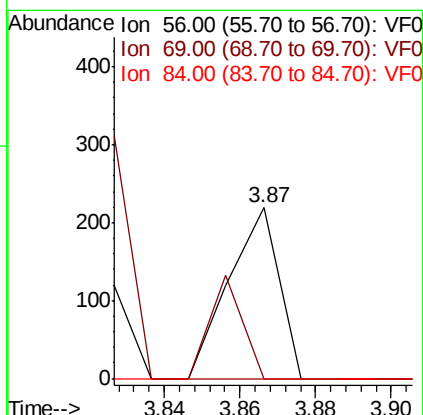
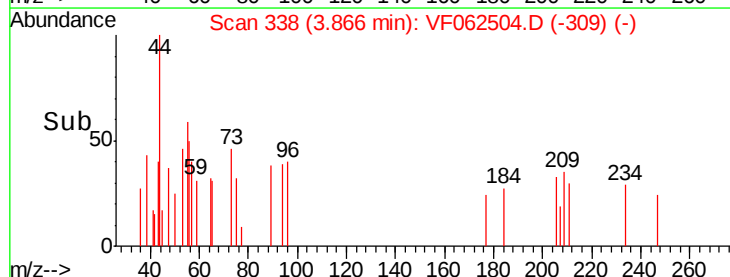
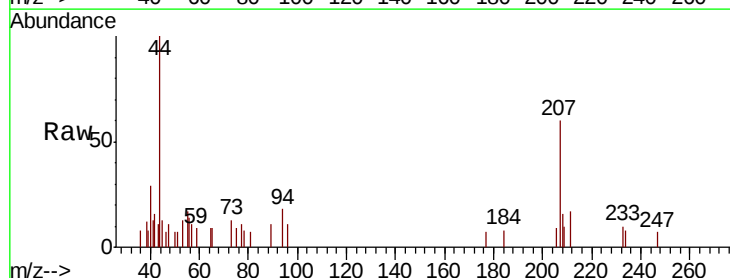
Tgt Ion: 56 Resp: 200

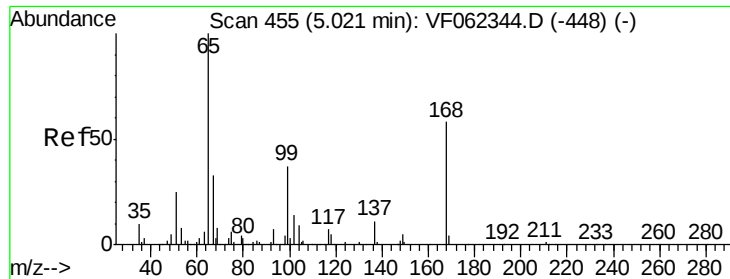
Ion Ratio Lower Upper

56 100

69 0.0 26.4 39.6#

84 0.0 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 142.406 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

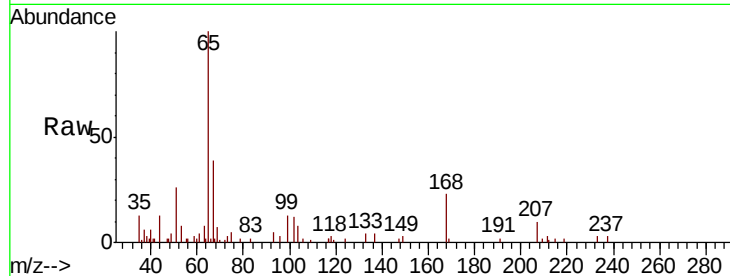
P026-SS012-0002-02

Tot Ion: 65 Resp: 19829

Ion Ratio Lower Upper

65 100

67 46.2 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

8000

6000

4000

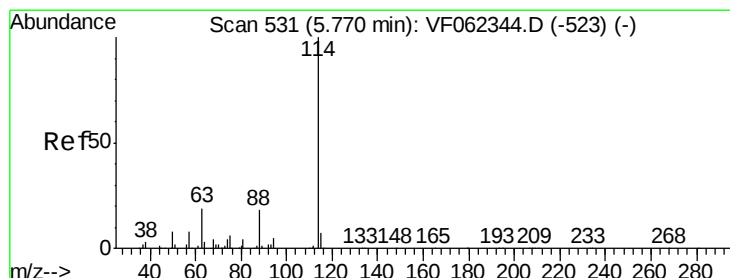
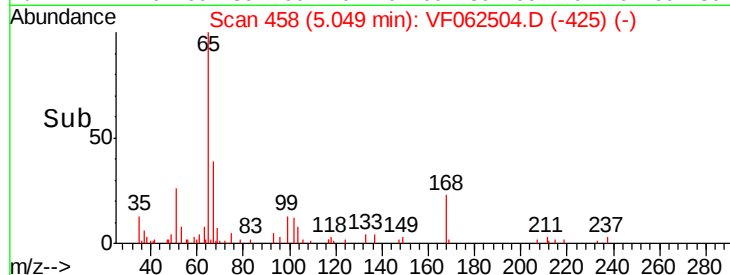
2000

0

Time-->

5.00

5.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

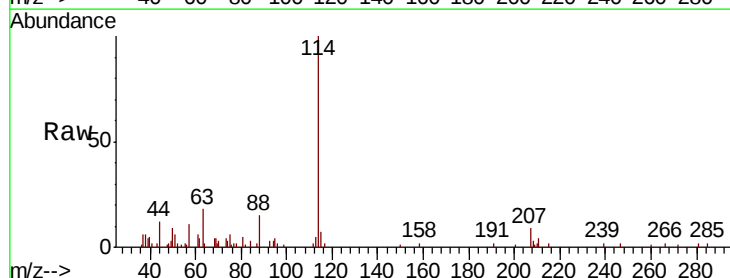
Tgt Ion: 114 Resp: 22523

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 14.7 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

10000

8000

6000

4000

2000

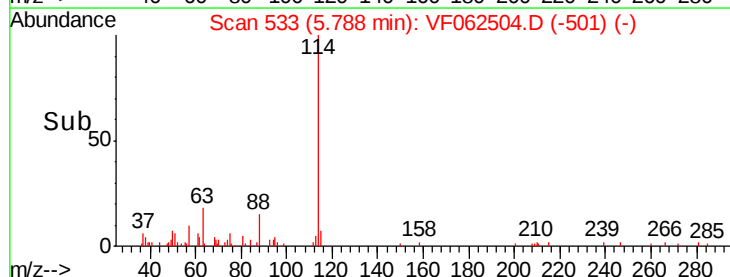
0

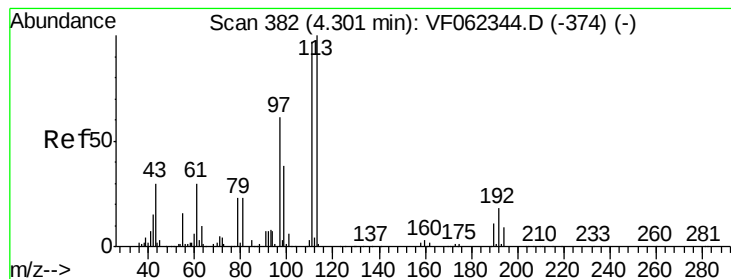
Time-->

5.70

5.80

5.90





#35

Dibromofluoromethane

Concen: 113.238 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

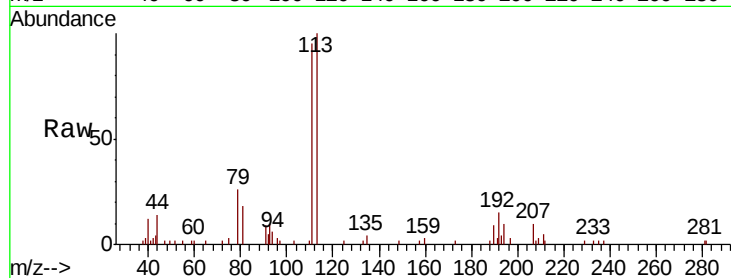
Tot Ion:113 Resp: 20319

Ion Ratio Lower Upper

113 100

111 100.0 79.4 119.0

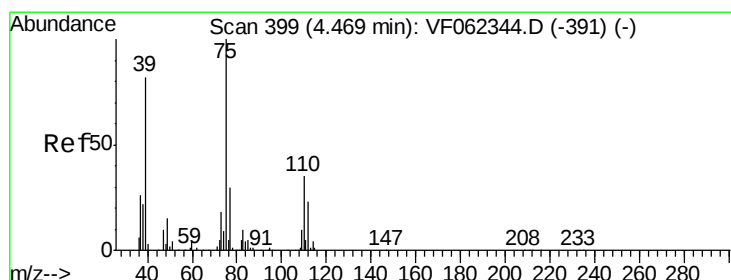
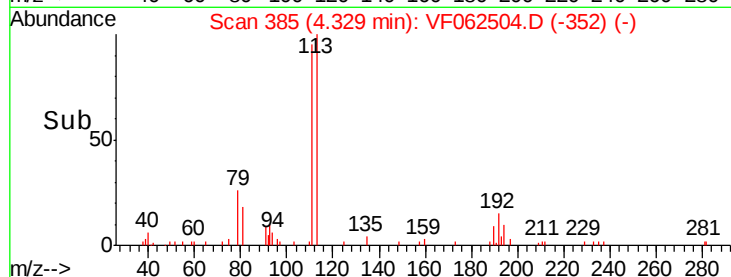
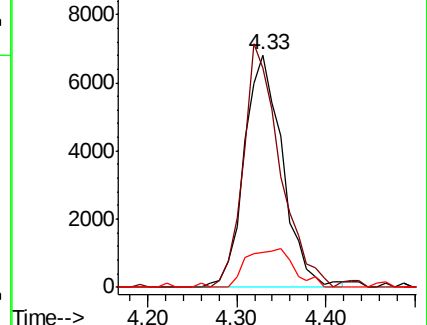
192 0.0 16.0 24.0#



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



#36

1,1-Dichloropropene

Concen: 1.204 ug/l

RT: 4.47 min Scan# 399

Delta R.T. -0.00 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

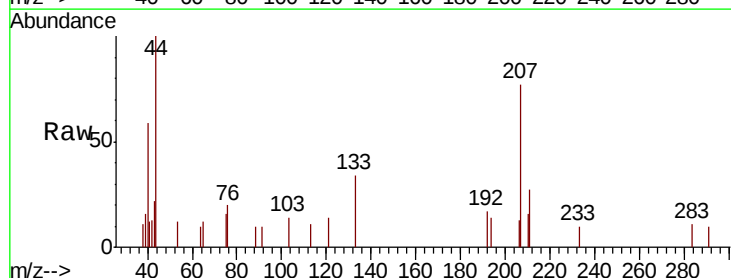
Tgt Ion: 75 Resp: 233

Ion Ratio Lower Upper

75 100

110 0.0 17.2 51.5#

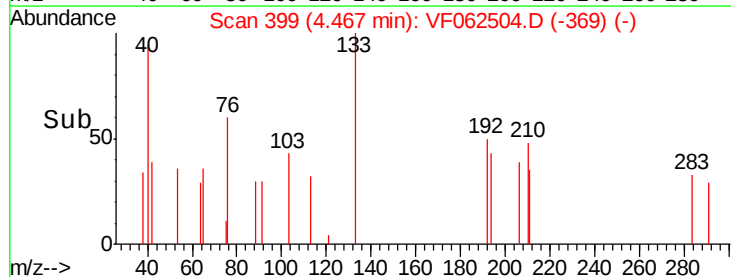
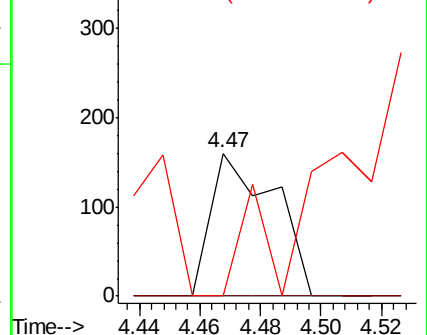
77 0.0 25.2 37.8#

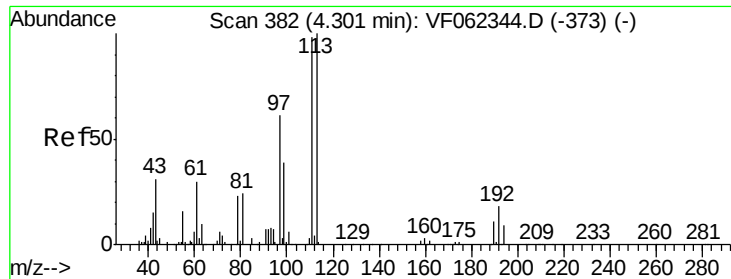


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0





#37

Ethyl Acetate

Concen: 3.991 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

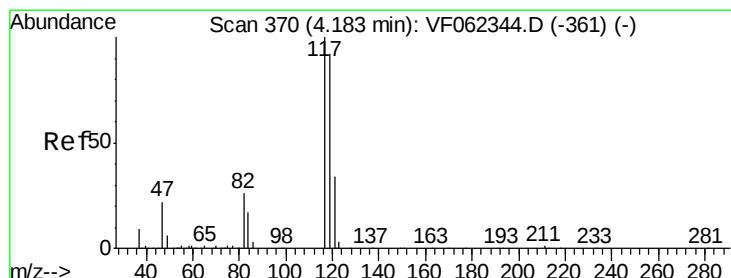
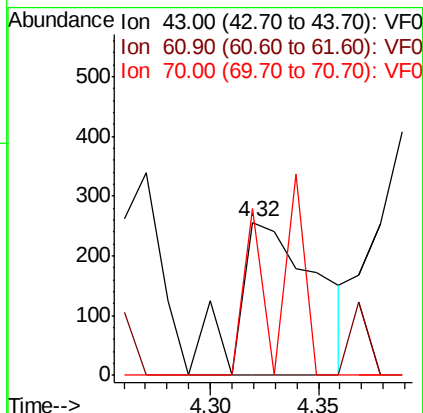
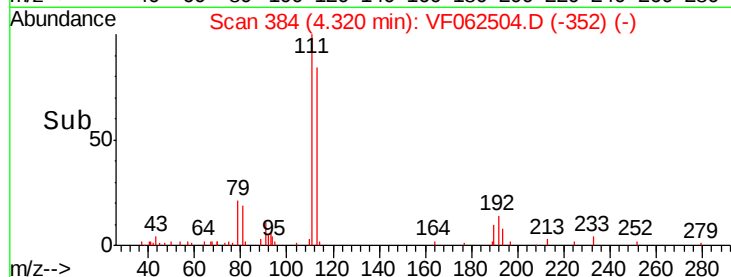
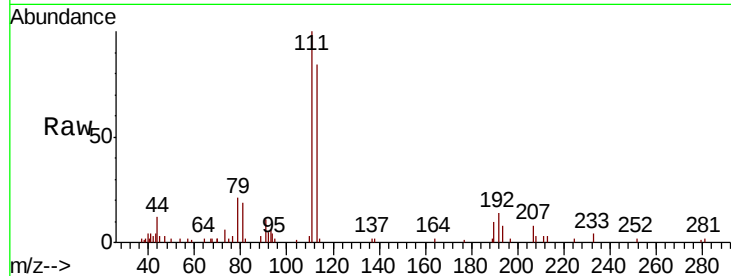
Tot Ion: 43 Resp: 666

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

70 24.9 8.2 12.2#



#38

Carbon Tetrachloride

Concen: Below Cal

RT: 4.17 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

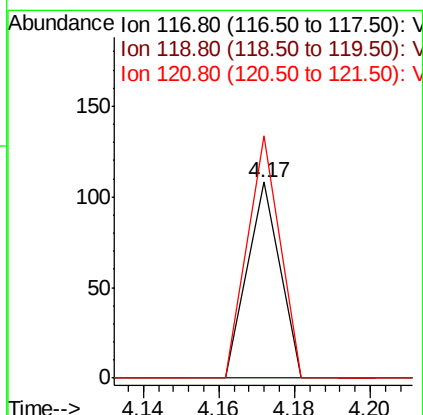
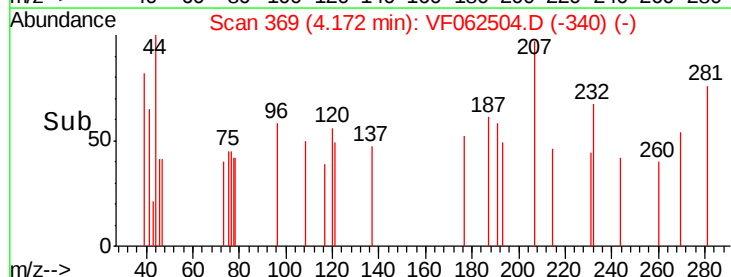
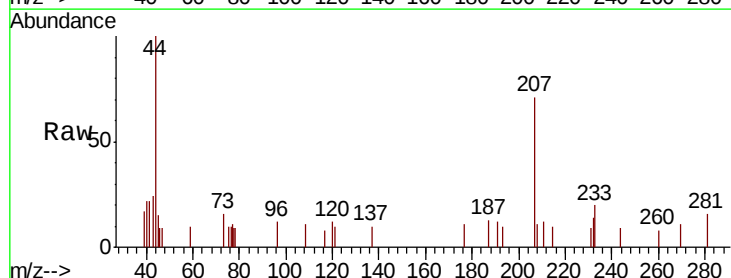
Tgt Ion: 117 Resp: 64

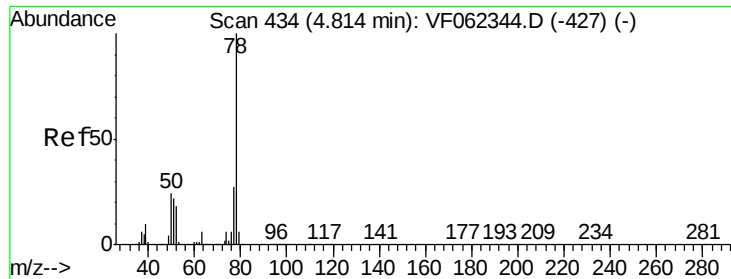
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 124.1 27.4 41.0#





#40

Benzene

Concen: 1.265 ug/l

RT: 4.81 min Scan# 434

Delta R.T. -0.00 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

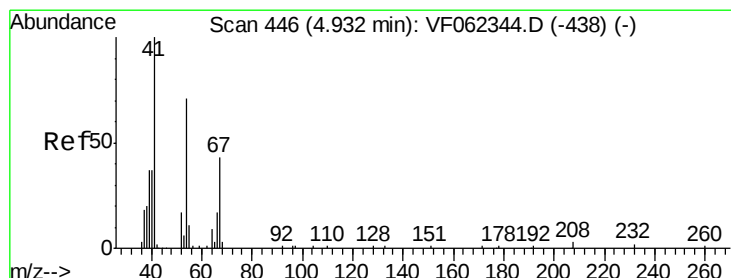
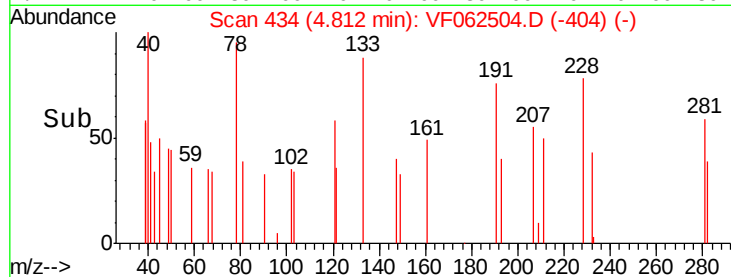
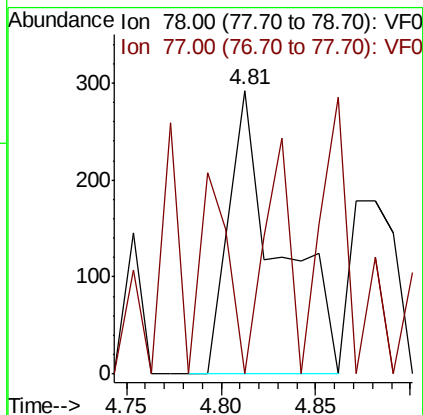
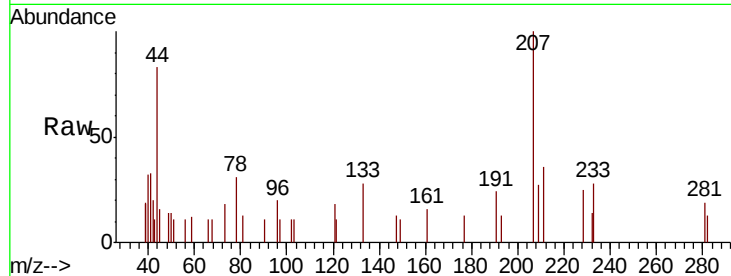
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

Tot Ion: 78 Resp: 539

Ion Ratio Lower Upper

78 100

77 0.0 21.6 32.4#



#41

Methacrylonitrile

Concen: 8.299 ug/l

RT: 4.97 min Scan# 450

Delta R.T. 0.04 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Tgt Ion: 41 Resp: 385

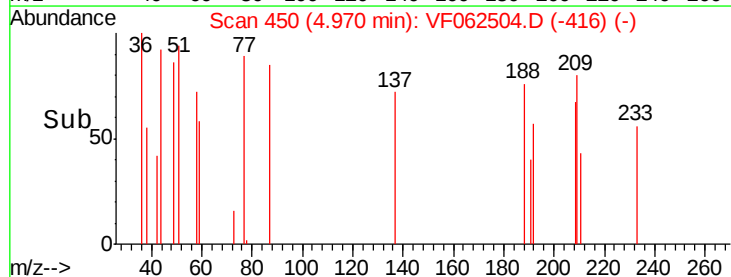
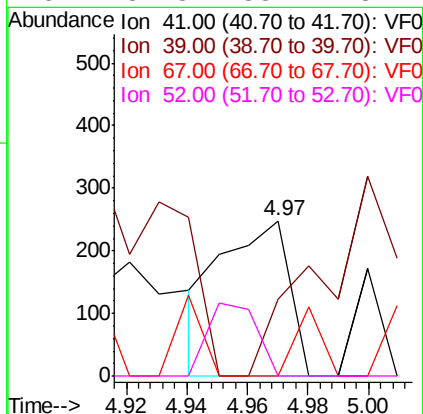
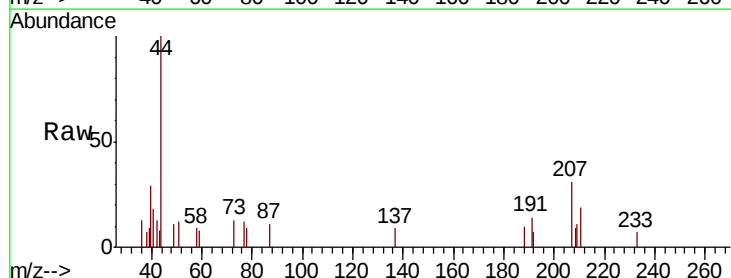
Ion Ratio Lower Upper

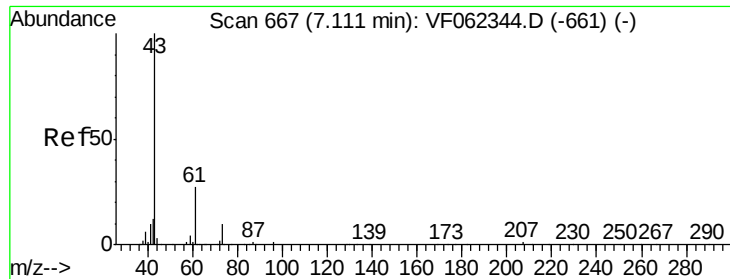
41 100

39 0.0 54.3 81.5#

67 0.0 37.8 56.8#

52 34.3 58.2 87.4#





#43

Isopropyl Acetate

Concen: 4.909 ug/l

RT: 7.13 min Scan# 669

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

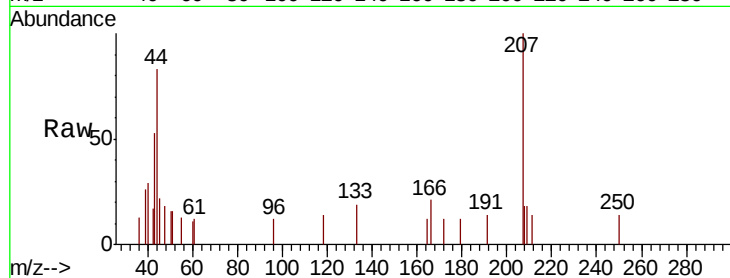
Tot Ion: 43 Resp: 432

Ion Ratio Lower Upper

43 100

61 15.3 22.8 34.2#

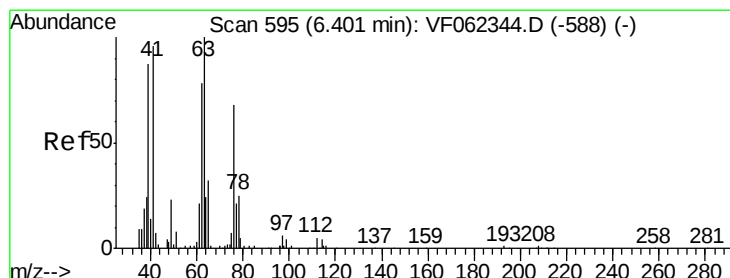
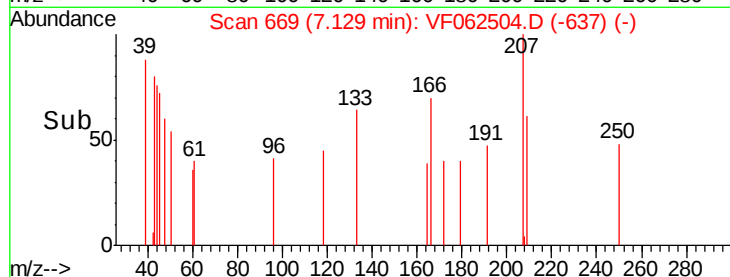
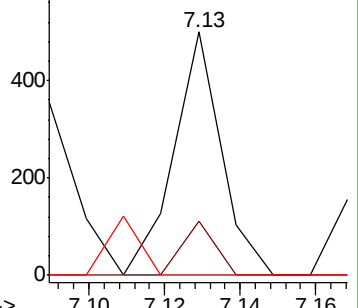
87 0.0 0.6 1.0#



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



#45

1,2-Dichloropropane

Concen: 1.969 ug/l

RT: 6.43 min Scan# 598

Delta R.T. 0.03 min

Lab File: VF062504.D

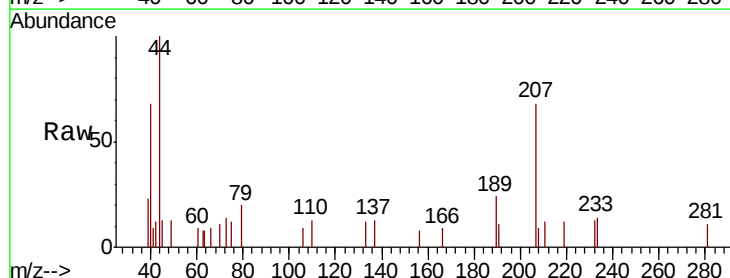
Acq: 12 May 2019 15:44

Tgt Ion: 63 Resp: 190

Ion Ratio Lower Upper

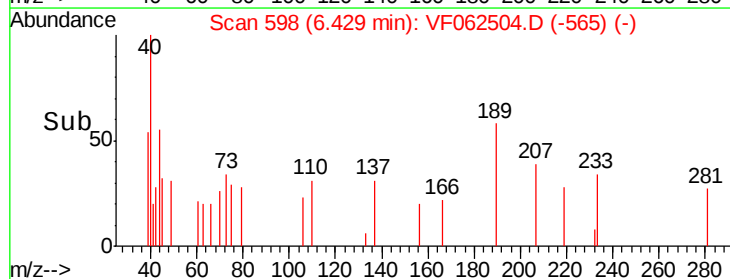
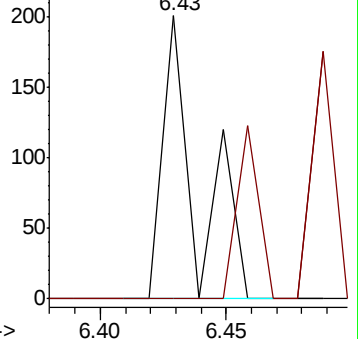
63 100

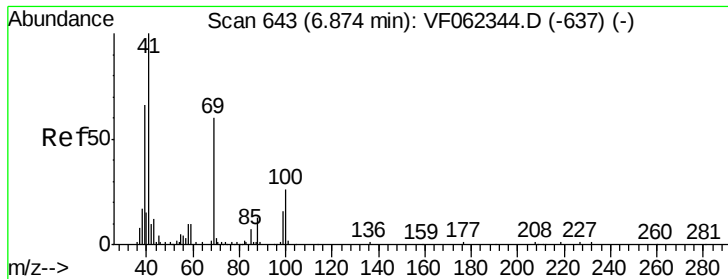
65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0

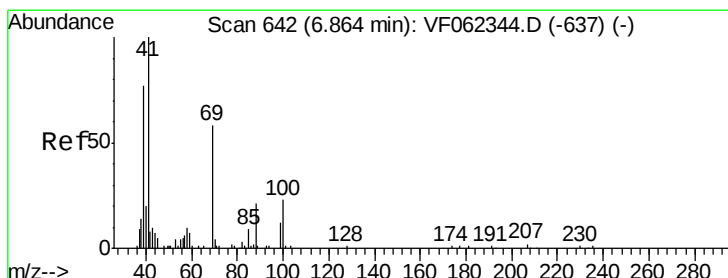
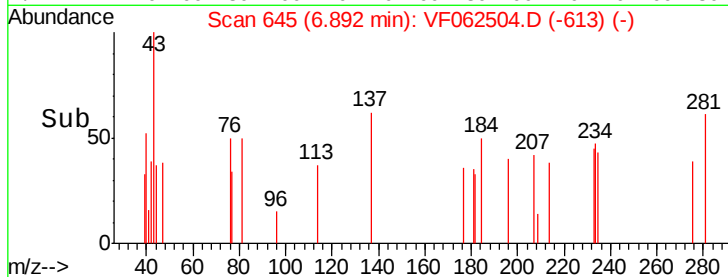
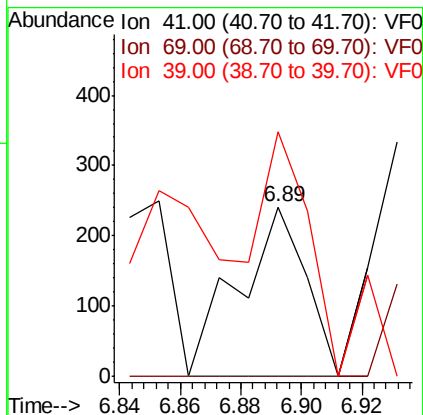
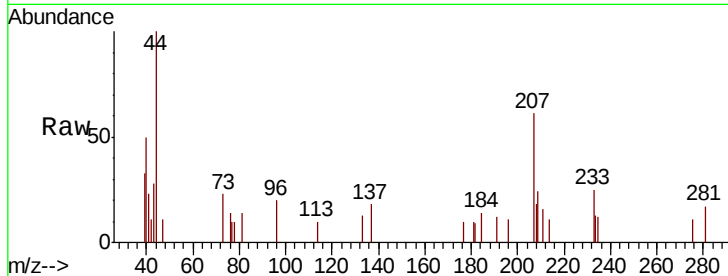




#48
Methvl methacrvlate
Concen: 5.998 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

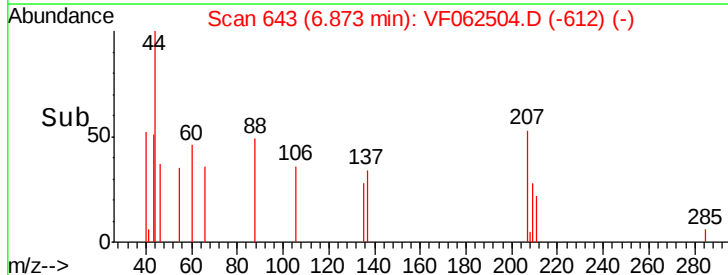
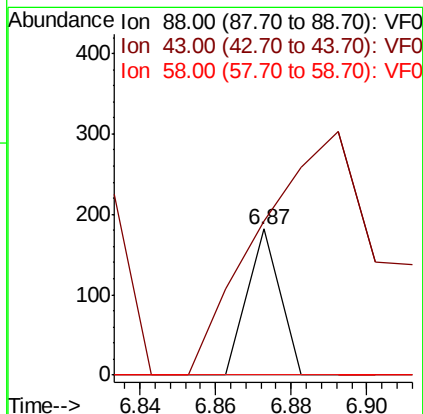
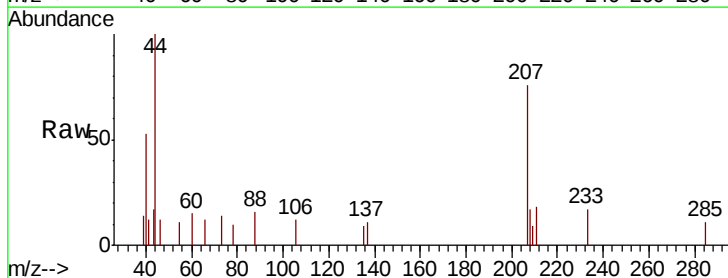
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

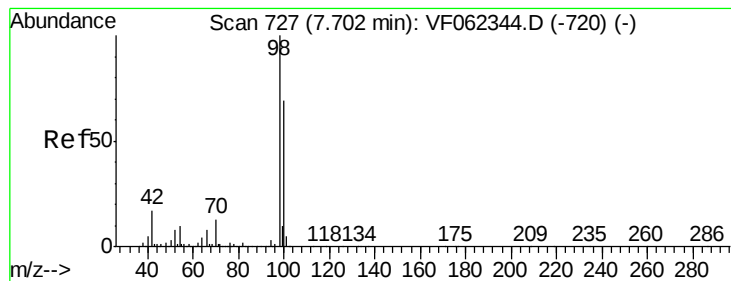
Tot Ion: 41 Resp: 373
Ion Ratio Lower Upper
41 100
69 0.0 48.6 72.8#
39 115.3 56.1 84.1#



#49
1,4-Dioxane
Concen: 157.843 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
43 623.1 55.6 83.4#
58 0.0 52.8 79.2#





#50

Toluene-d8

Concen: 30.583 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

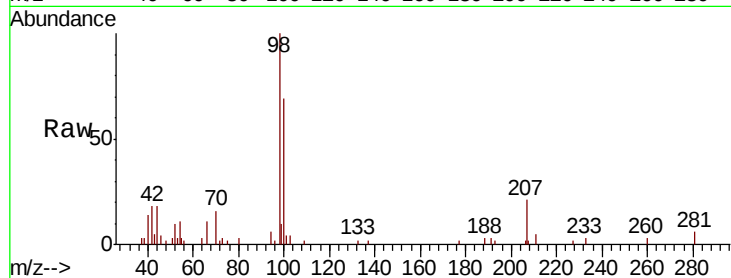
P026-SS012-0002-02

Tot Ion: 98 Resp: 13284

Ion Ratio Lower Upper

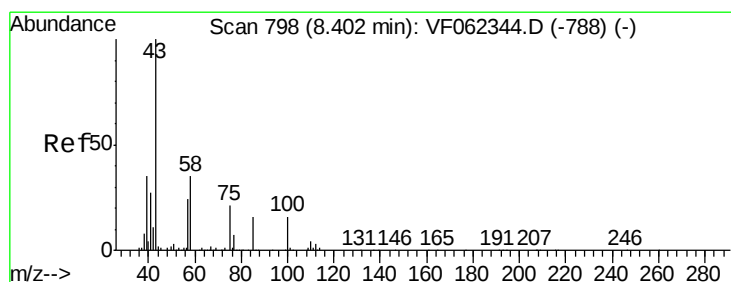
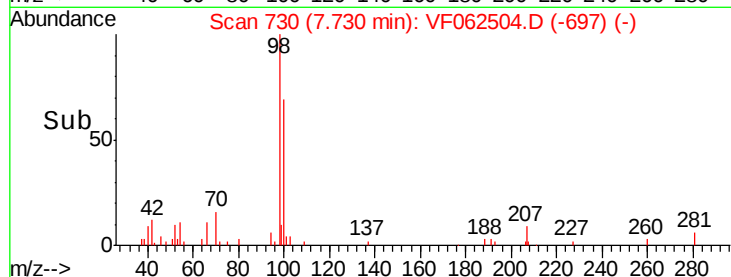
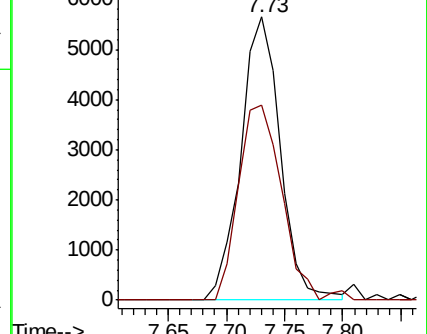
98 100

100 76.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 10.782 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.00 min

Lab File: VF062504.D

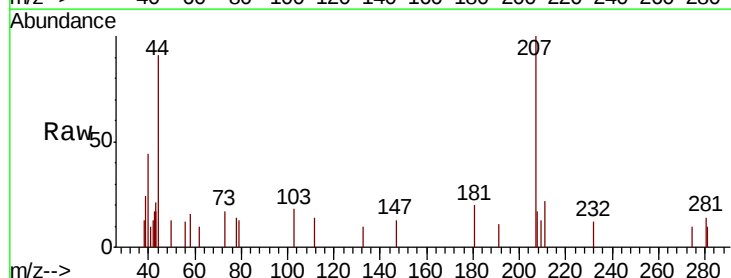
Acq: 12 May 2019 15:44

Tgt Ion: 43 Resp: 719

Ion Ratio Lower Upper

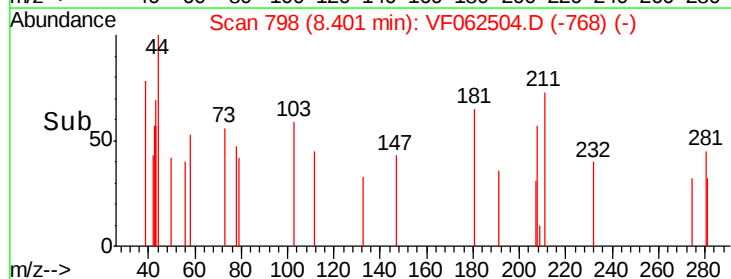
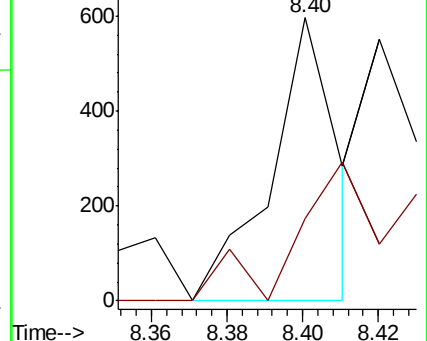
43 100

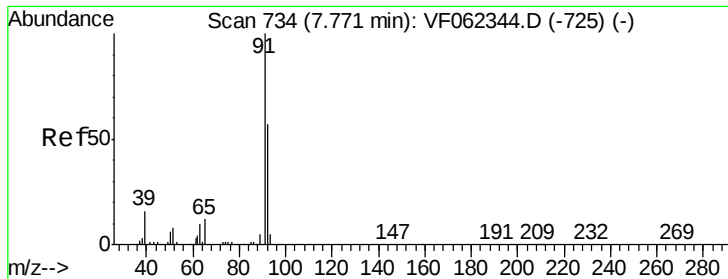
58 91.7 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 1.354 ug/l

RT: 7.80 min Scan# 737

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

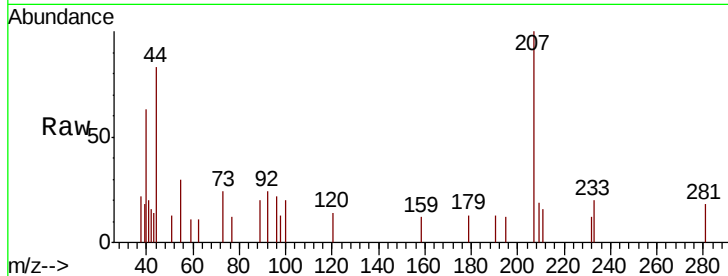
P026-SS012-0002-02

Tot Ion: 92 Resp: 356

Ion Ratio Lower Upper

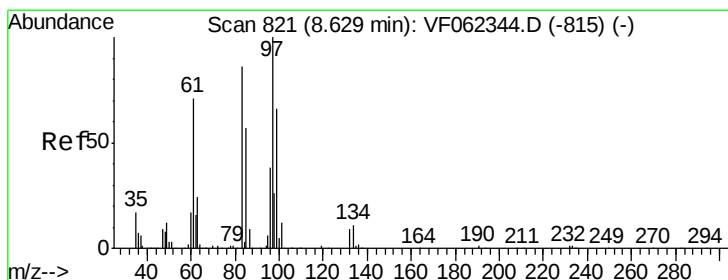
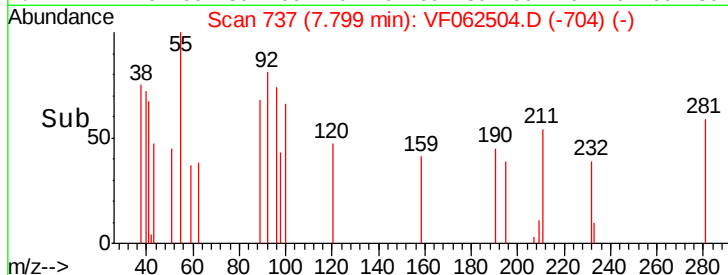
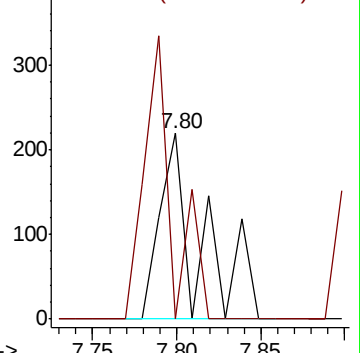
92 100

91 107.3 138.7 208.1#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#55

1,1,2-Trichloroethane

Concen: 1.055 ug/l

RT: 8.69 min Scan# 827

Delta R.T. 0.06 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Tgt Ion: 97 Resp: 88

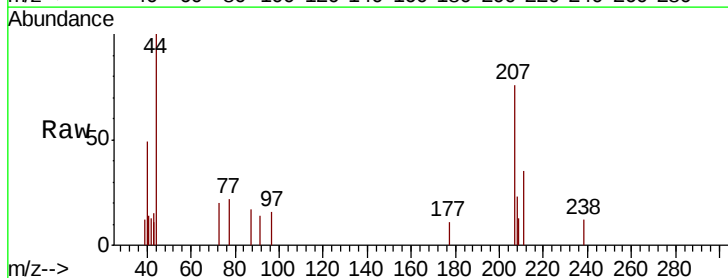
Ion Ratio Lower Upper

97 100

83 0.0 68.5 102.7#

85 0.0 45.4 68.2#

99 0.0 52.7 79.1#

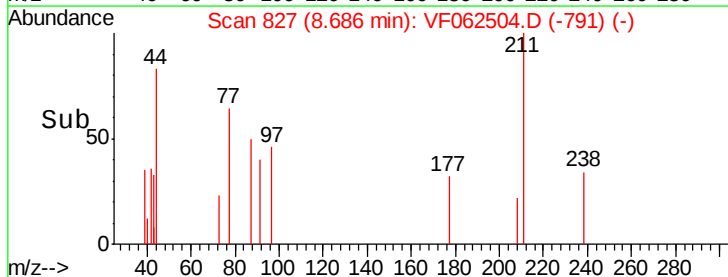
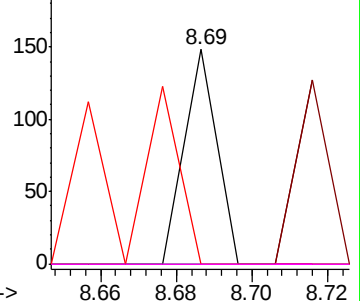


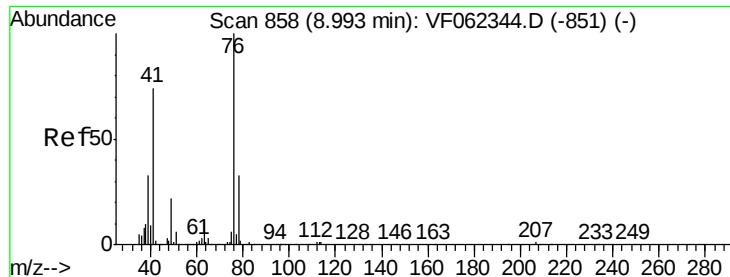
Abundance Ion 96.90 (96.60 to 97.60): VF0

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





#57

1,3-Dichloropropane

Concen: 1.460 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

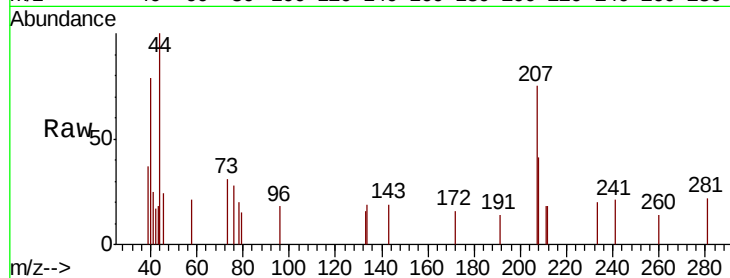
P026-SS012-0002-02

Tot Ion: 76 Resp: 184

Ion Ratio Lower Upper

76 100

78 46.7 26.4 39.6#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0

9.00

200

150

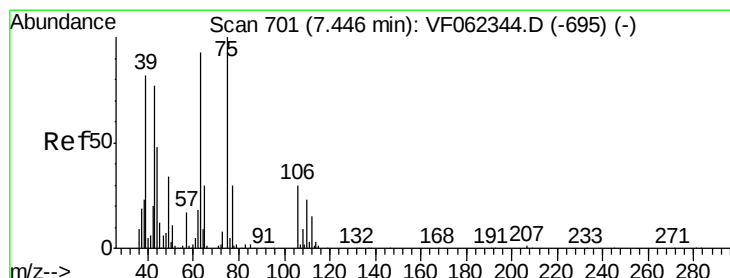
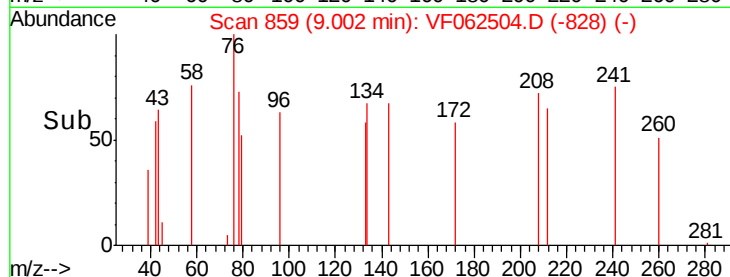
100

50

0

8.98 9.00 9.02

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 5.929 ug/l

RT: 7.58 min Scan# 715

Delta R.T. 0.14 min

Lab File: VF062504.D

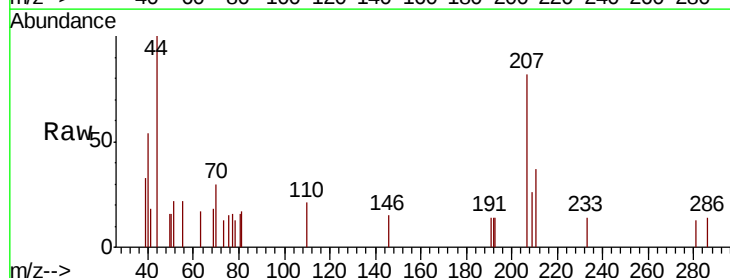
Acq: 12 May 2019 15:44

Tgt Ion: 63 Resp: 157

Ion Ratio Lower Upper

63 100

106 38.2 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

7.58

150

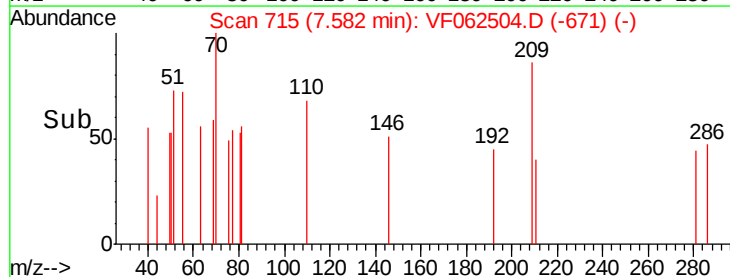
100

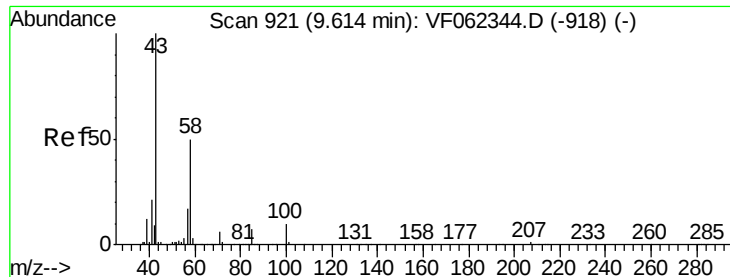
50

0

7.56 7.58 7.60 7.62

Time-->

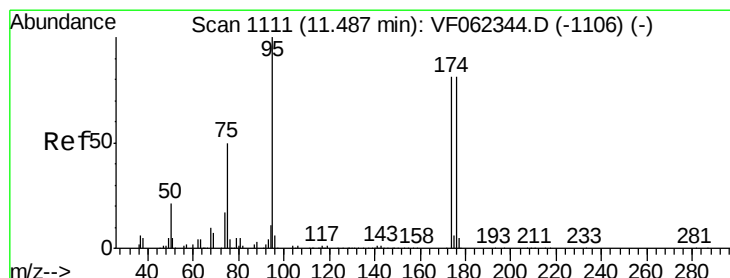
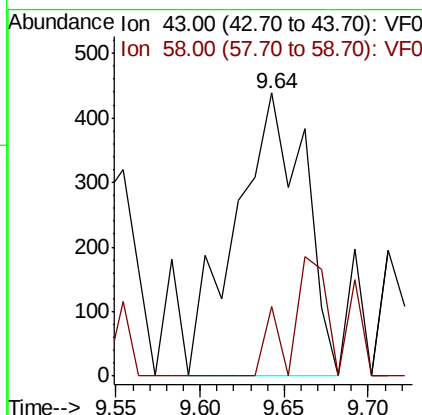
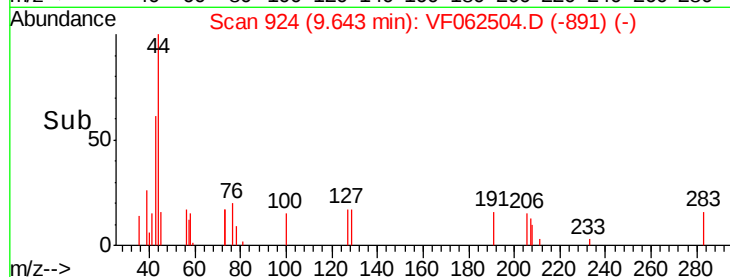
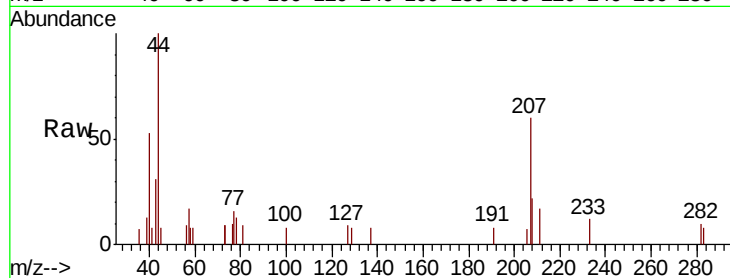




#59
2-Hexanone
Concen: 27.017 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

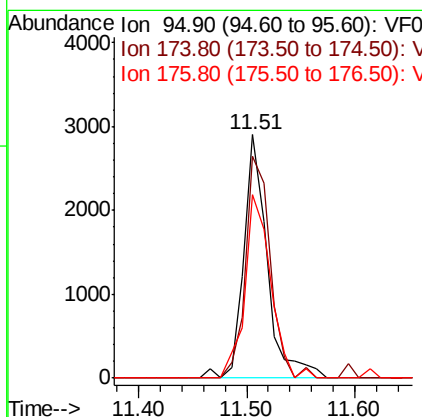
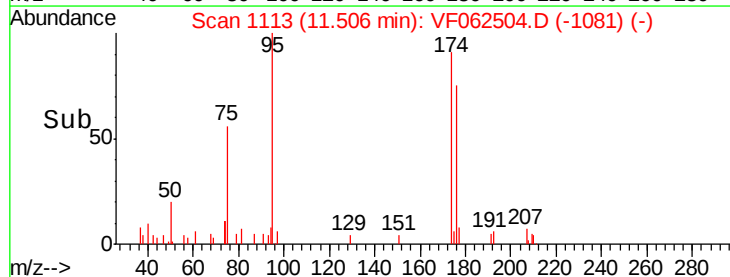
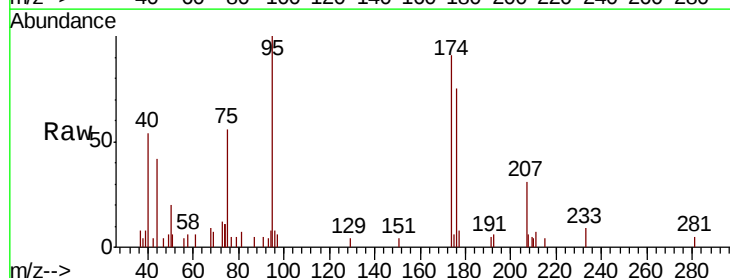
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

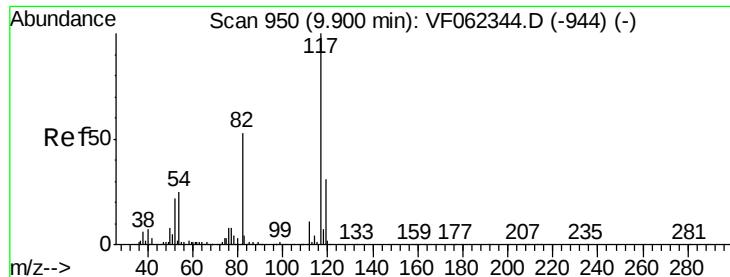
Tot Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 28.9 24.3 73.0



#62
4-Bromofluorobenzene
Concen: 22.336 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion: 95 Resp: 4377
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.8
176 82.8 0.0 193.2

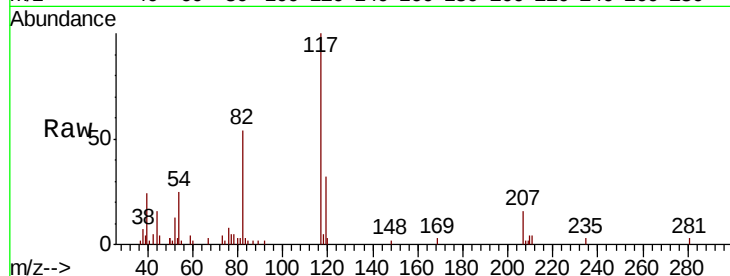




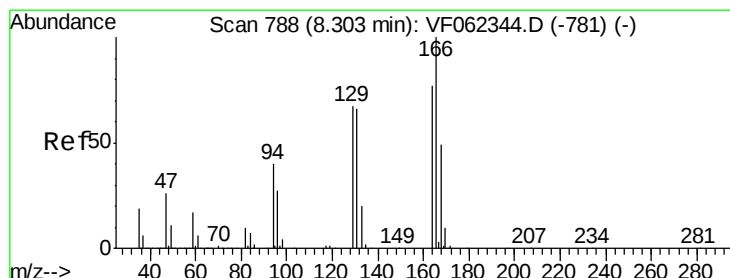
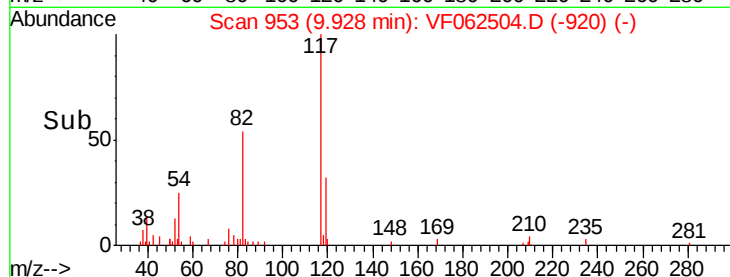
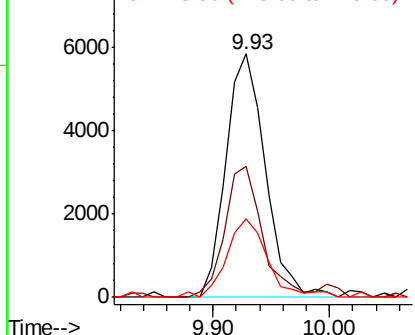
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-02

Tot Ion:117 Resp: 13716
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 32.2 25.0 37.4

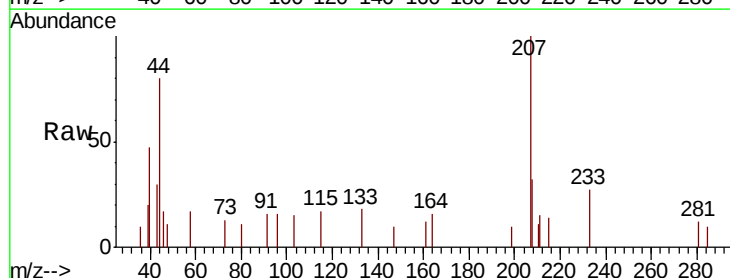


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

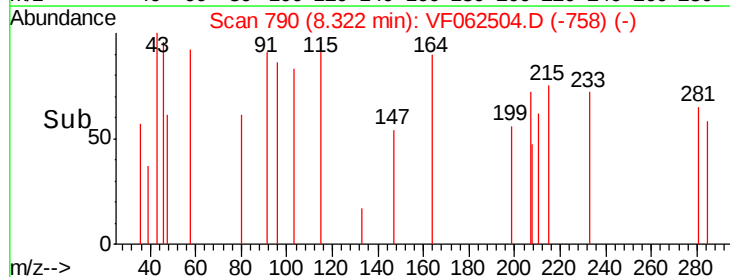
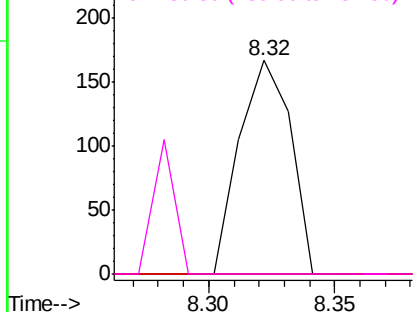


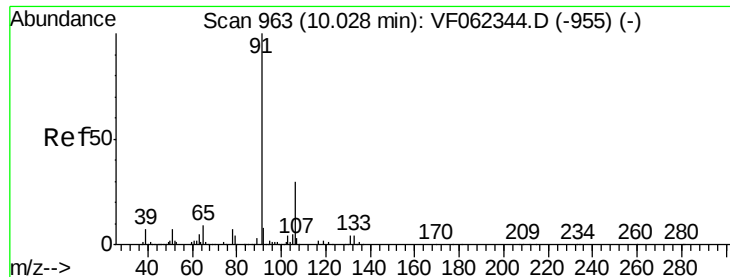
#64
Tetrachloroethene
Concen: 2.119 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.02 min
Lab File: VF062504.D
Acq: 12 May 2019 15:44

Tgt Ion:164 Resp: 236
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





#67

Ethyl Benzene

Concen: 7.101 ug/l

RT: 10.05 min Scan# 965

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

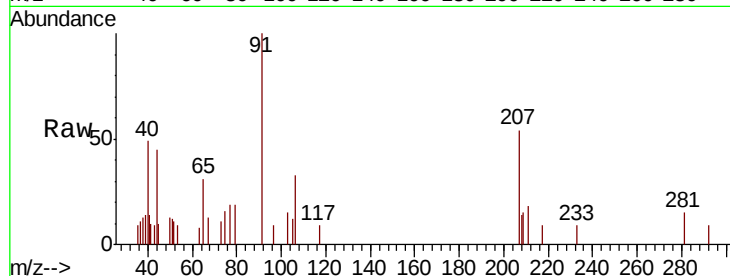
P026-SS012-0002-02

Tot Ion: 91 Resp: 2822

Ion Ratio Lower Upper

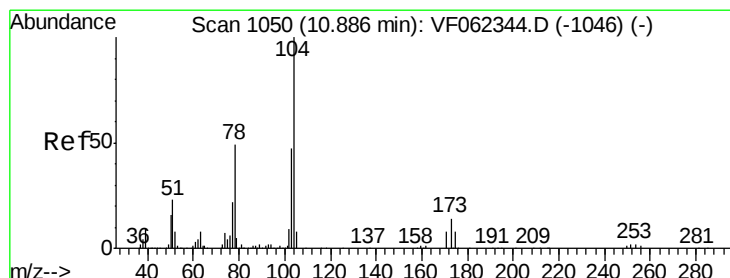
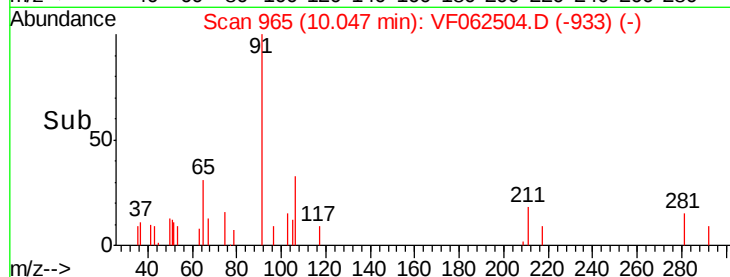
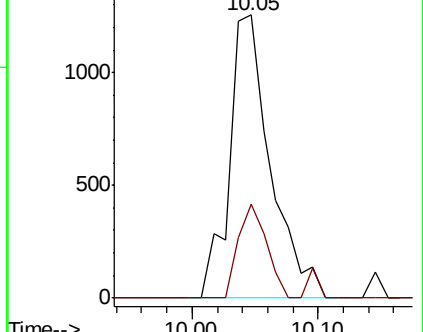
91 100

106 33.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 8.612 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

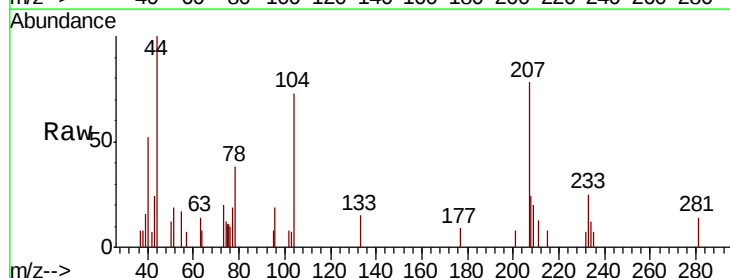
Tgt Ion: 104 Resp: 2045

Ion Ratio Lower Upper

104 100

78 72.4 39.5 59.3#

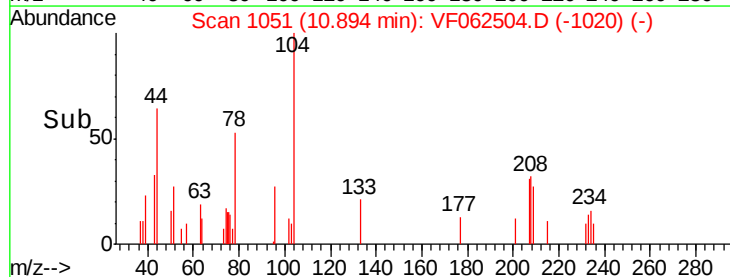
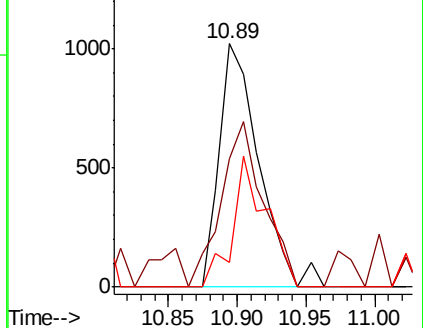
103 46.2 38.4 57.6

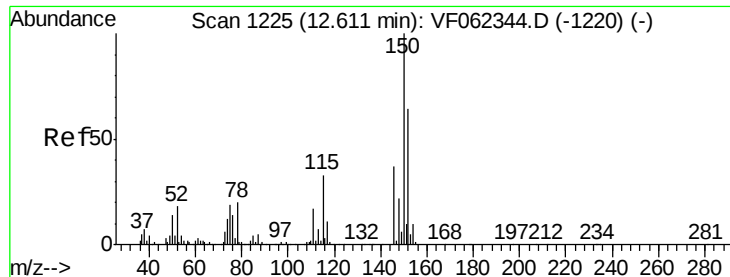


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

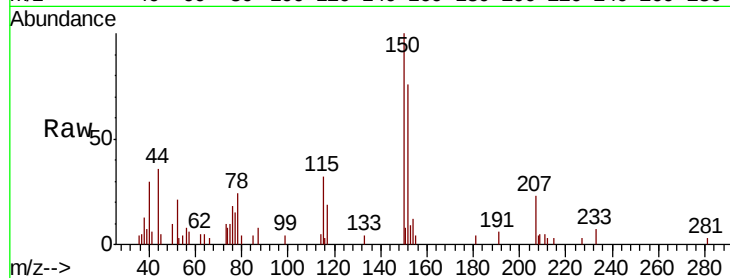
Tot Ion:152 Resp: 4200

Ion Ratio Lower Upper

152 100

115 52.6 26.4 79.2

150 145.3 0.0 335.0

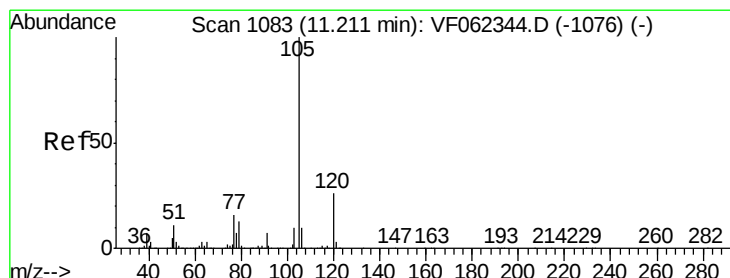
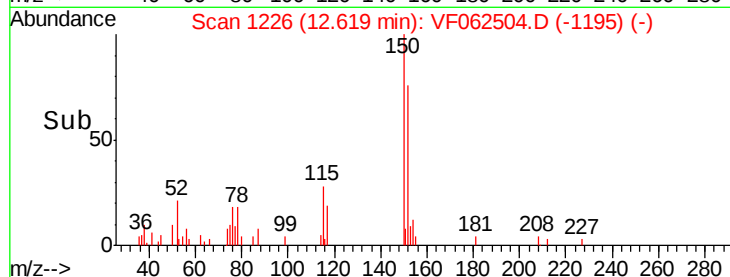
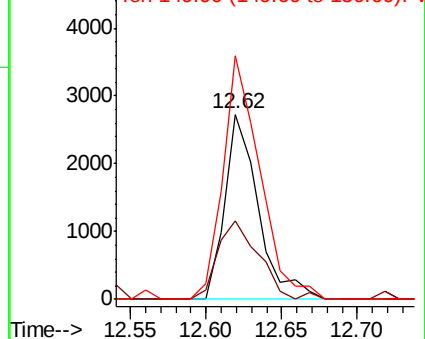


Abundance

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



#73

Isopropylbenzene

Concen: 5.004 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VF062504.D

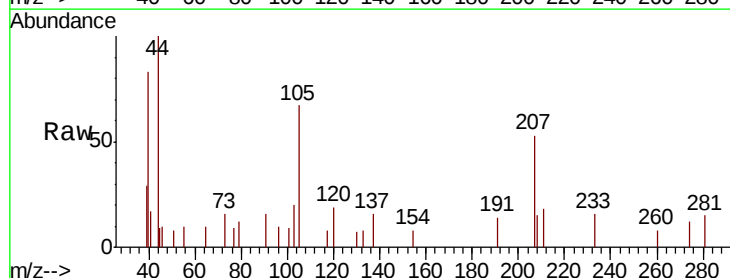
Acq: 12 May 2019 15:44

Tgt Ion:105 Resp: 1246

Ion Ratio Lower Upper

105 100

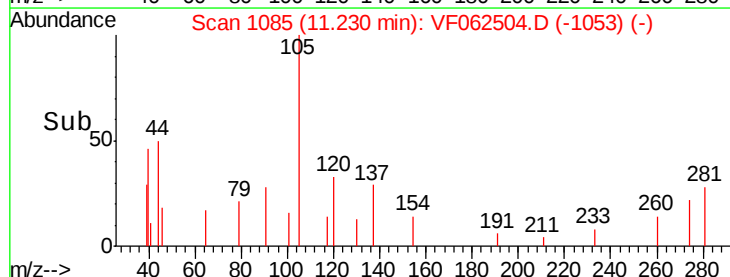
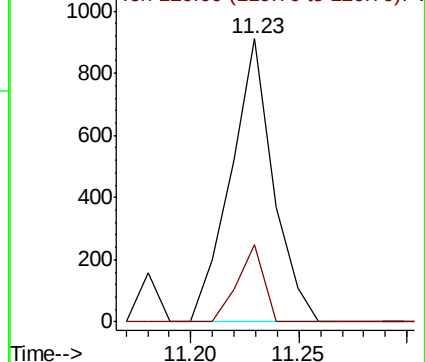
120 16.9 12.7 38.0

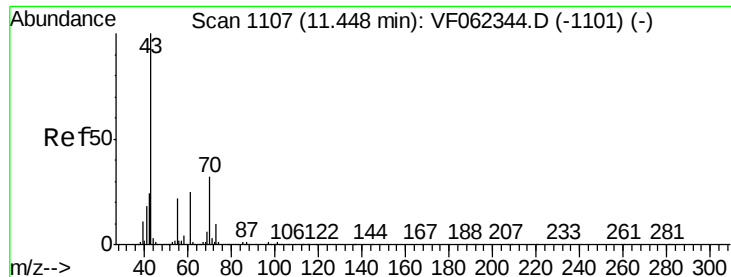


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.809 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

Tot Ion: 43 Resp: 364

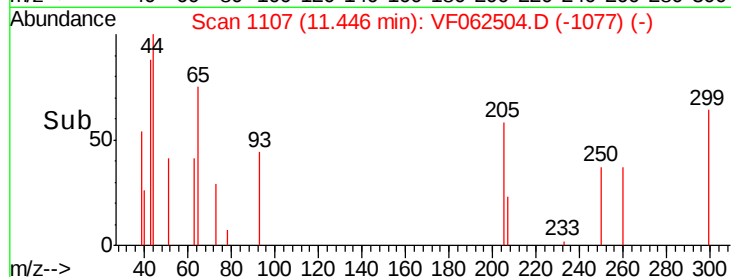
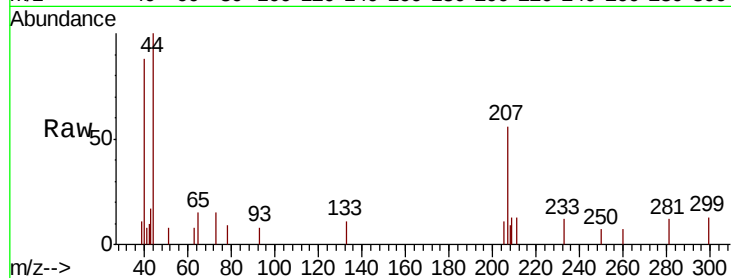
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 0.0 17.8 26.6#

61 0.0 20.2 30.2#

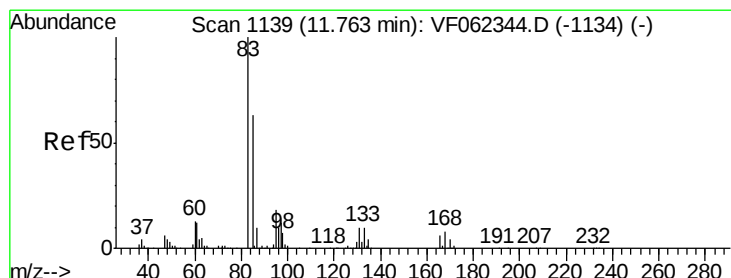
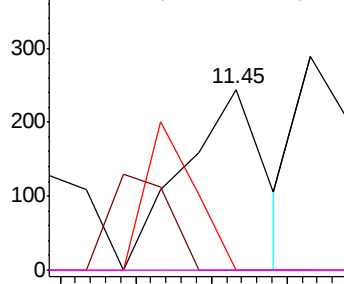


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 4.463 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

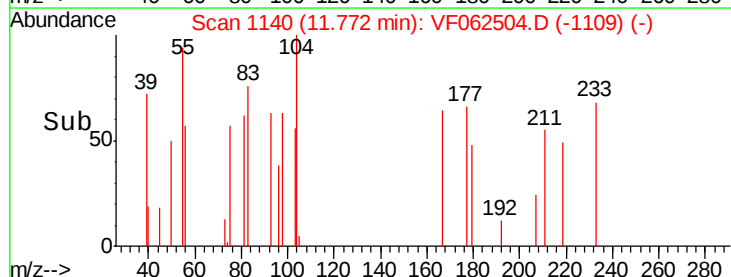
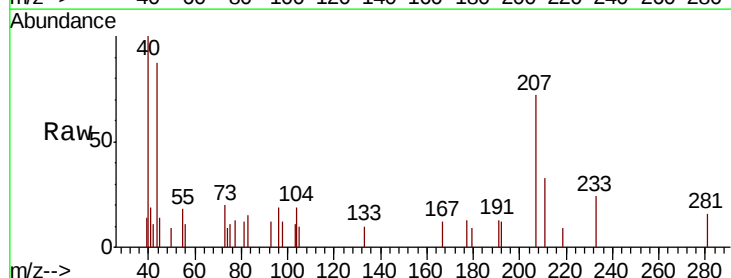
Tgt Ion: 83 Resp: 174

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

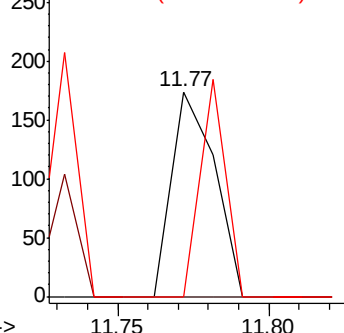
85 62.6 35.3 105.7

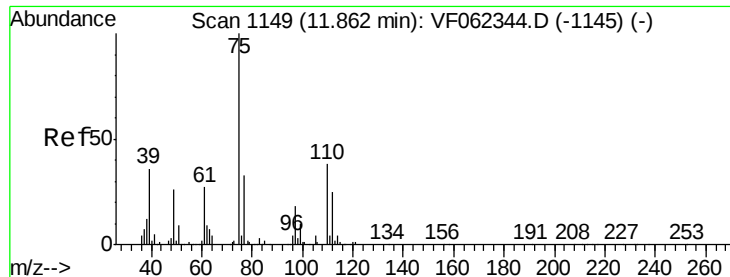


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0

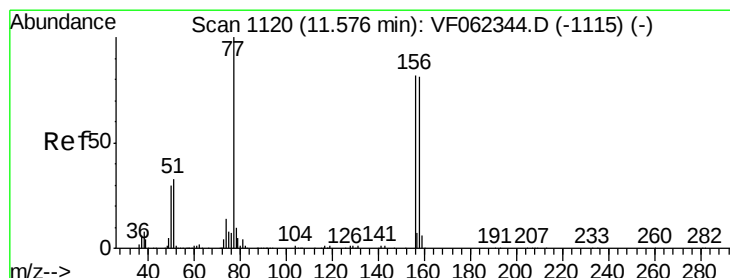
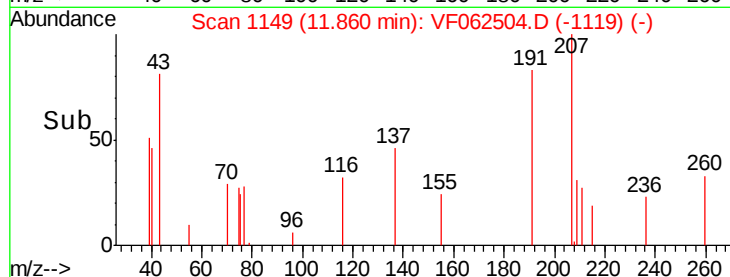
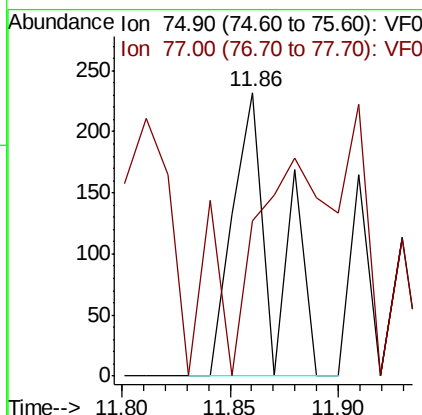
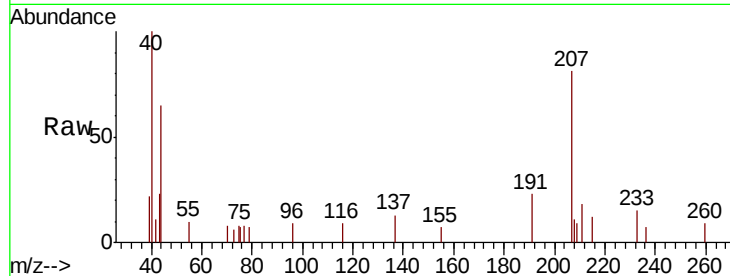




#76
 1,2,3-Trichloropropane
 Concen: 10.590 ug/l
 RT: 11.86 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VF062504.D
 Acq: 12 May 2019 15:44

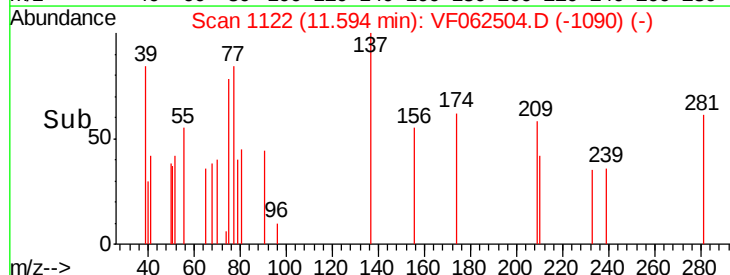
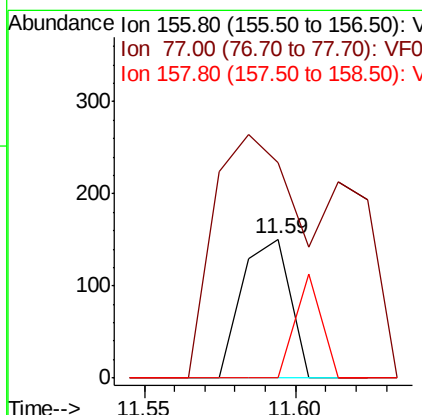
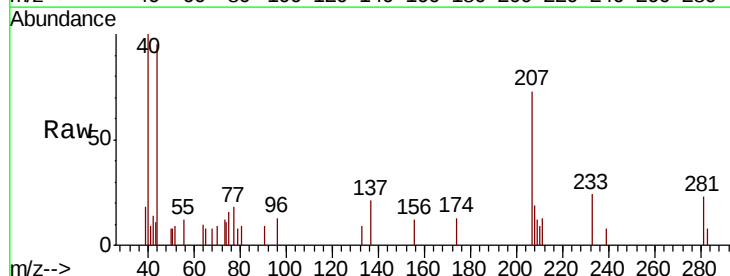
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-02

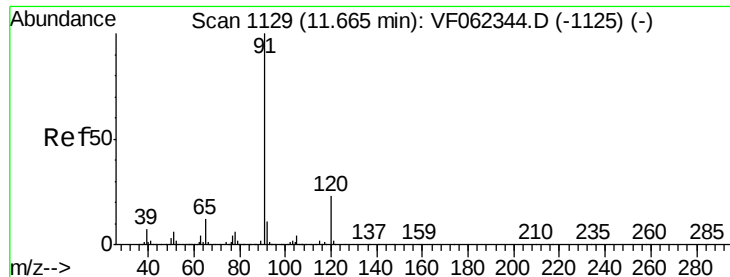
Tot Ion: 75 Resp: 315
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 2.540 ug/l
 RT: 11.59 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: VF062504.D
 Acq: 12 May 2019 15:44

Tgt Ion: 156 Resp: 166
 Ion Ratio Lower Upper
 156 100
 77 453.0 64.8 194.3#
 158 40.4 49.1 147.3#





#78

n-propylbenzene

Concen: 4.810 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

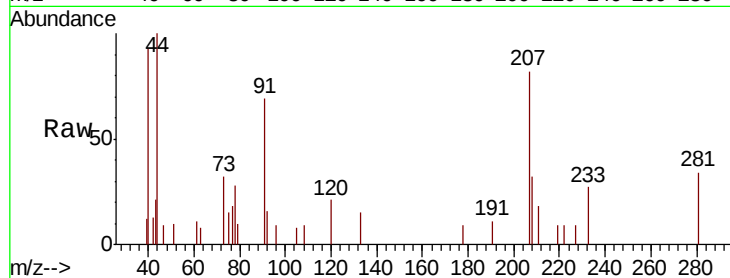
P026-SS012-0002-02

Tot Ion: 91 Resp: 1275

Ion Ratio Lower Upper

91 100

120 36.7 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.68

800

600

400

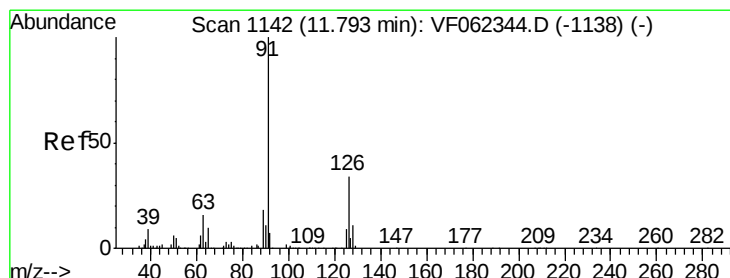
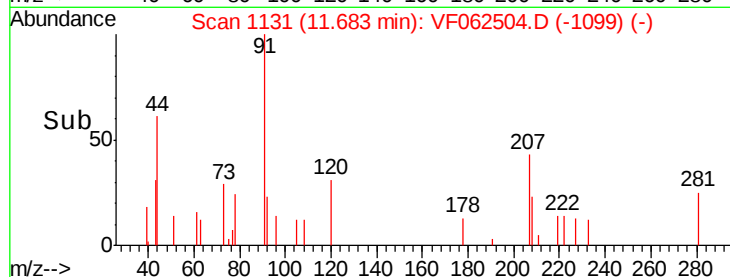
200

0

11.65

11.70

Time-->



#79

2-Chlorotoluene

Concen: 1.486 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF062504.D

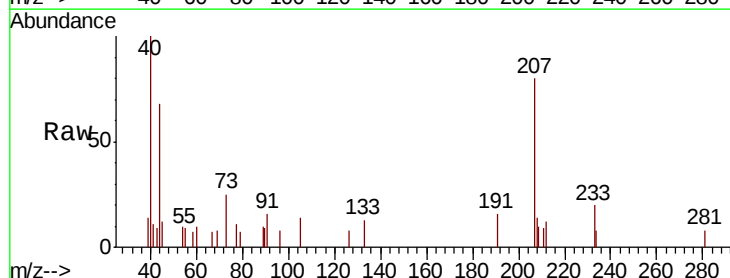
Acq: 12 May 2019 15:44

Tgt Ion: 91 Resp: 245

Ion Ratio Lower Upper

91 100

126 53.9 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

11.80

250

200

150

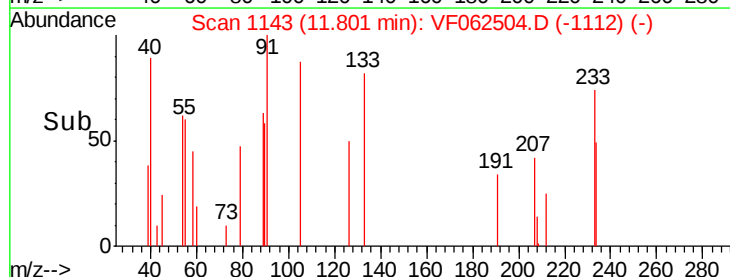
100

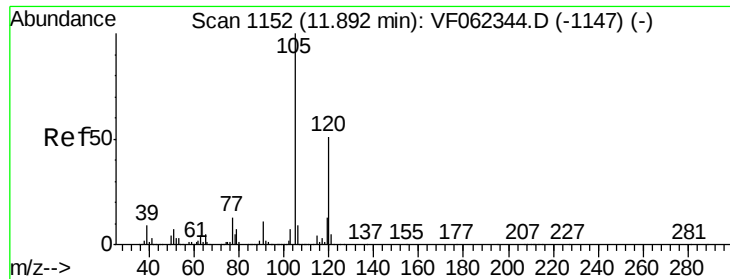
50

0

11.80

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 2.195 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

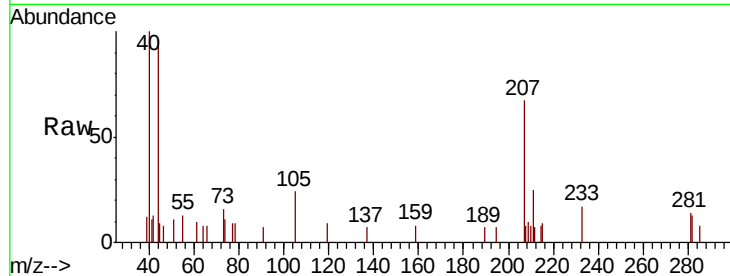
P026-SS012-0002-02

Tot Ion: 105 Resp: 479

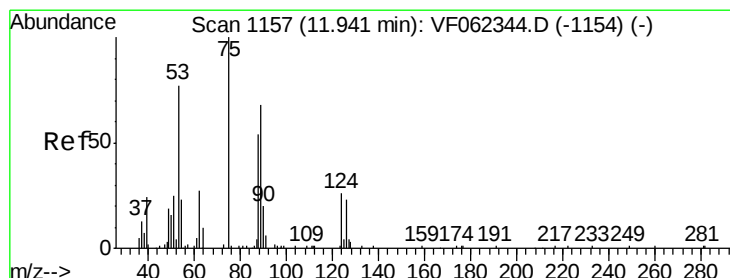
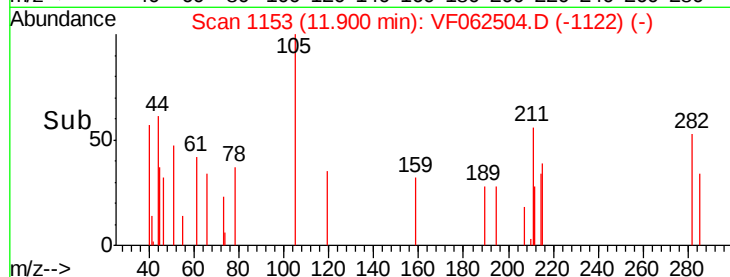
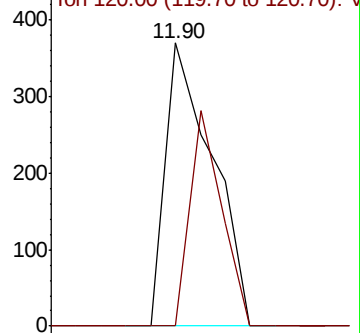
Ion Ratio Lower Upper

105 100

120 51.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 14.758 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

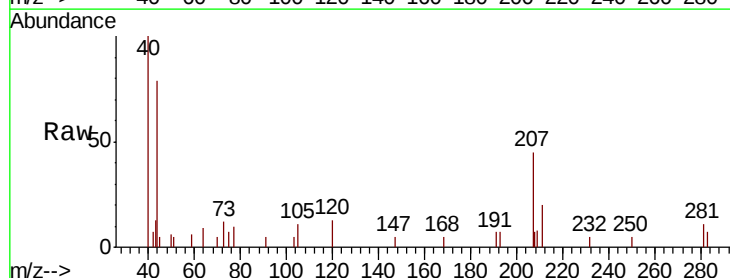
Tgt Ion: 75 Resp: 165

Ion Ratio Lower Upper

75 100

53 0.0 71.9 107.9#

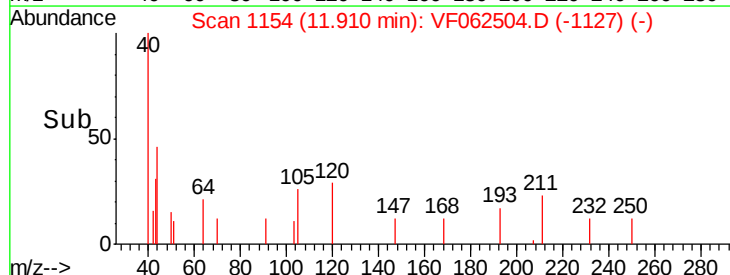
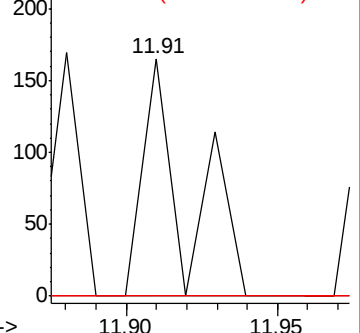
89 0.0 0.0 0.0

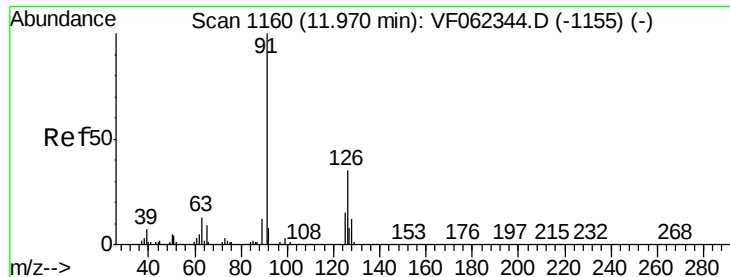


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0





#82

4-Chlorotoluene

Concen: 2.776 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

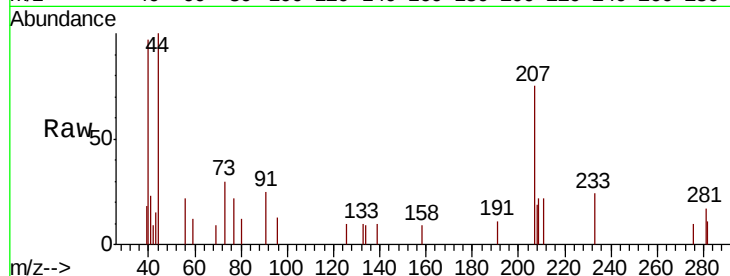
P026-SS012-0002-02

Tot Ion: 91 Resp: 452

Ion Ratio Lower Upper

91 100

126 15.5 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

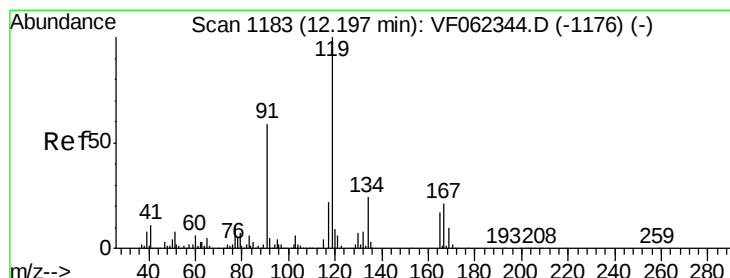
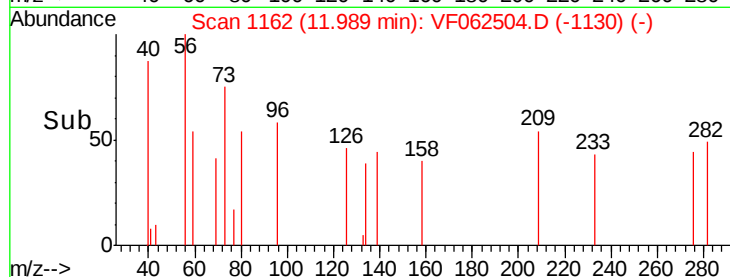
11.99

200

100

0

Time-->



#83

tert-Butylbenzene

Concen: 2.001 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

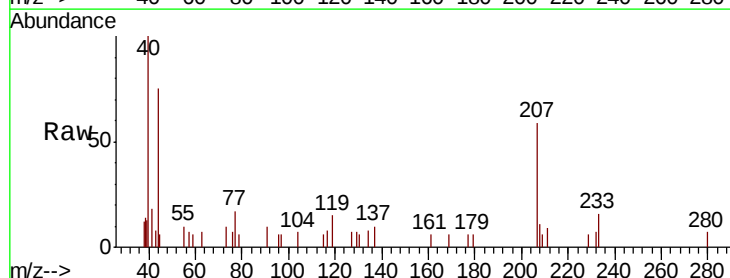
Tgt Ion: 119 Resp: 459

Ion Ratio Lower Upper

119 100

91 62.3 30.4 91.3

134 19.4 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

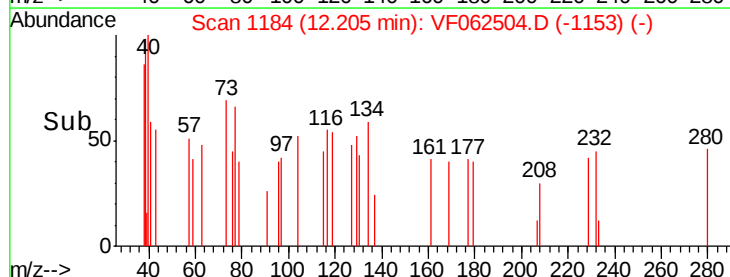
12.21

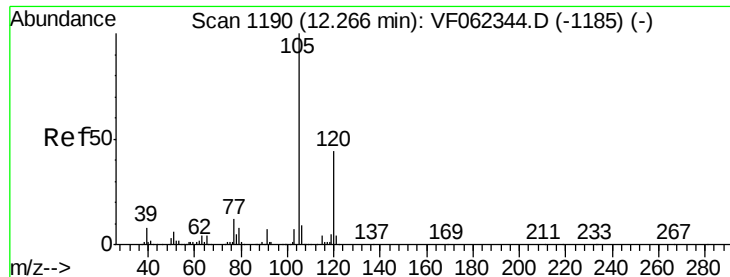
200

100

0

Time-->

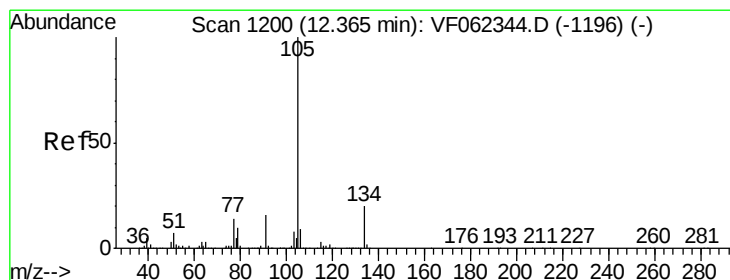
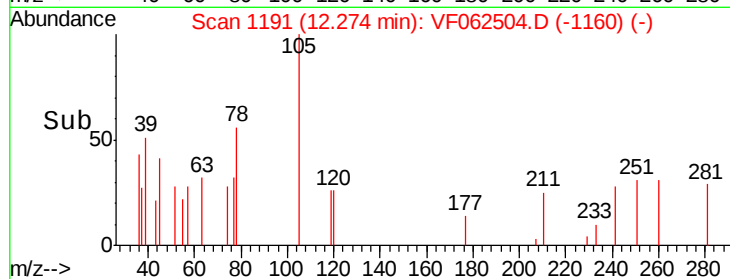
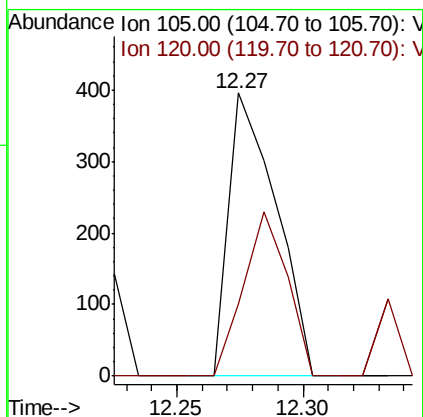
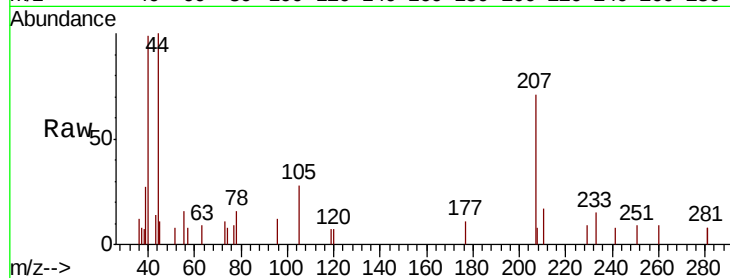




#84
 1,2,4-Trimethylbenzene
 Concen: 2.430 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062504.D
 Acq: 12 May 2019 15:44

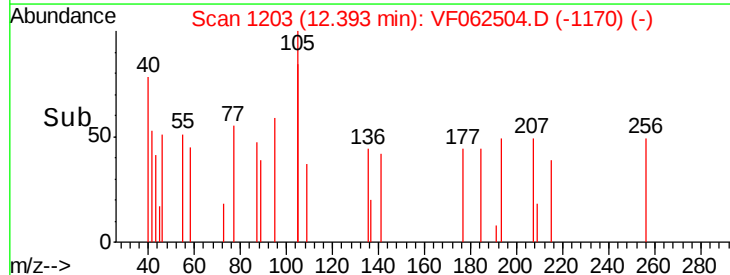
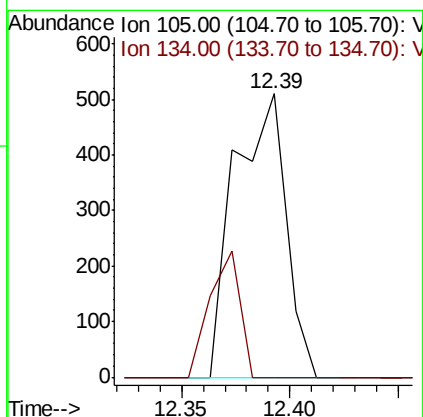
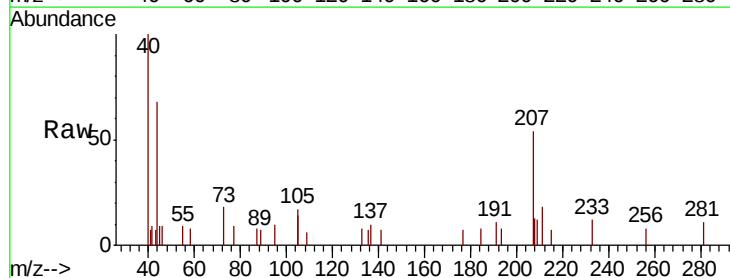
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-02

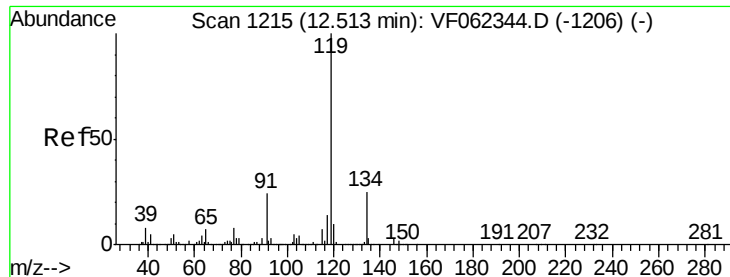
Tot Ion:105 Resp: 519
 Ion Ratio Lower Upper
 105 100
 120 53.4 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 3.020 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. 0.03 min
 Lab File: VF062504.D
 Acq: 12 May 2019 15:44

Tgt Ion:105 Resp: 843
 Ion Ratio Lower Upper
 105 100
 134 26.1 9.8 29.5

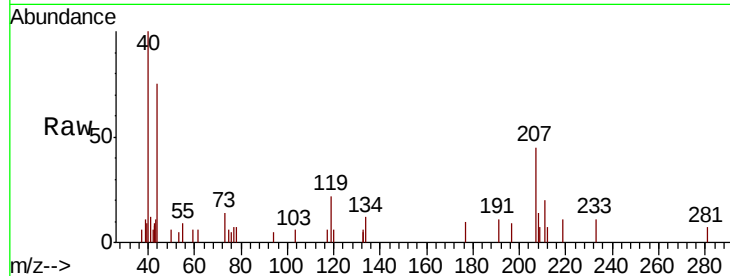




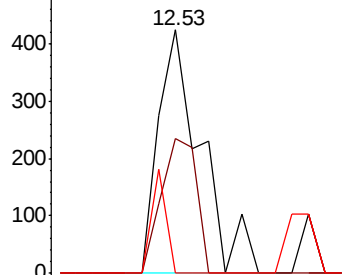
#86
 p-Isopropyltoluene
 Concen: 2.853 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. 0.02 min
 Lab File: VF062504.D
 Acq: 12 May 2019 15:44

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-02

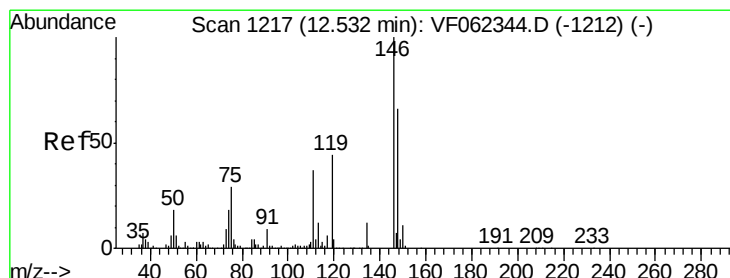
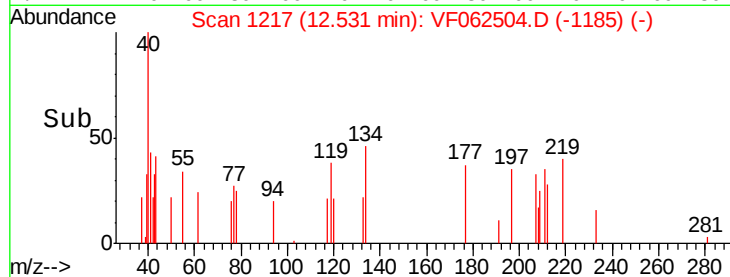
Tot Ion	Ratio	Lower	Upper
119	100		
134	46.1	12.9	38.7#
91	14.5	12.3	36.8



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

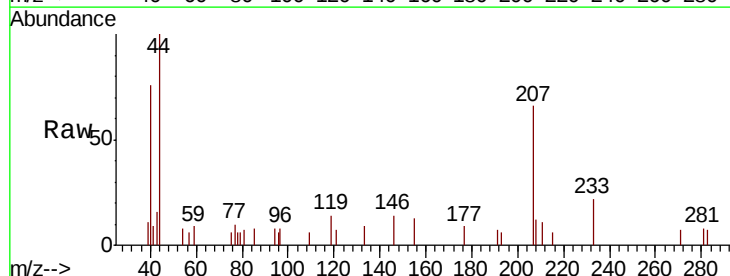


Time-->

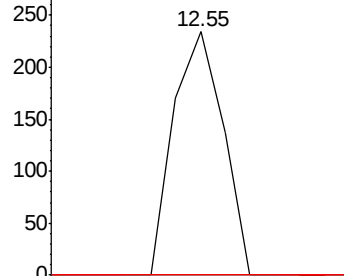


#87
 1,3-Dichlorobenzene
 Concen: 2.690 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.02 min
 Lab File: VF062504.D
 Acq: 12 May 2019 15:44

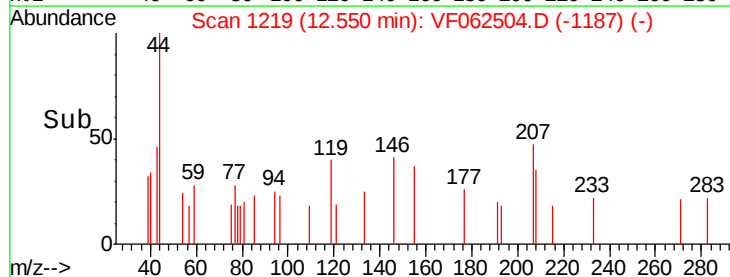
Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.3	54.8#
148	0.0	32.3	96.9#

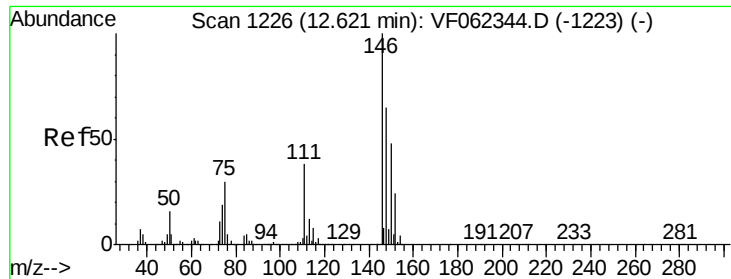


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



Time-->





#88

1,4-Dichlorobenzene

Concen: 2.535 ug/l

RT: 12.65 min Scan# 1229

Delta R.T. 0.03 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

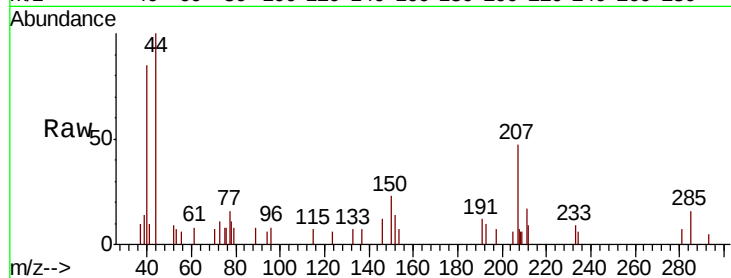
Tot Ion:146 Resp: 292

Ion Ratio Lower Upper

146 100

111 0.0 18.8 56.3#

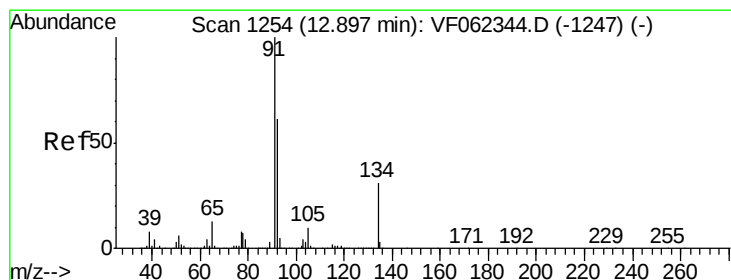
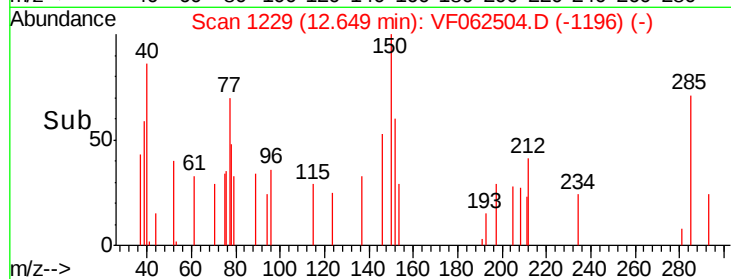
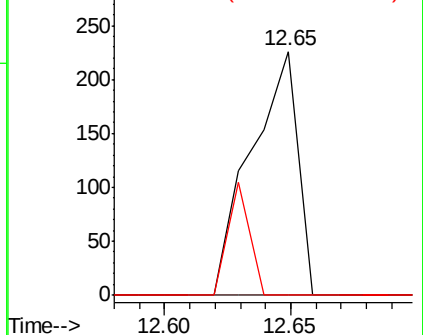
148 21.2 32.2 96.6#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.300 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

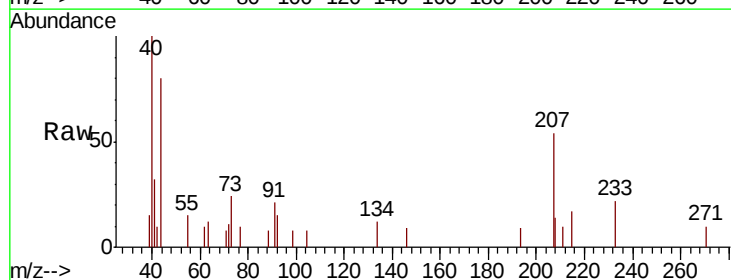
Tgt Ion: 91 Resp: 300

Ion Ratio Lower Upper

91 100

92 89.3 30.0 90.0

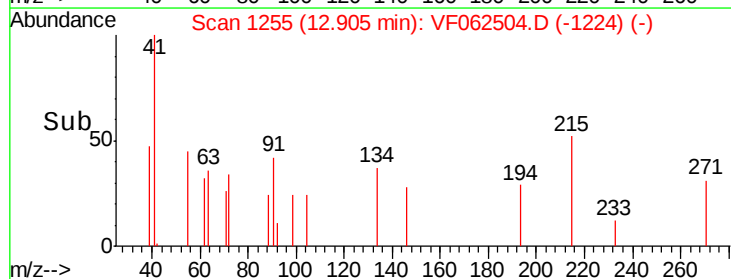
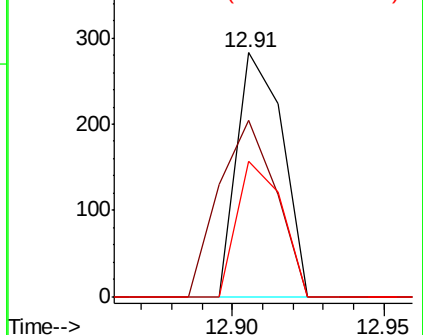
134 54.7 14.1 42.4#

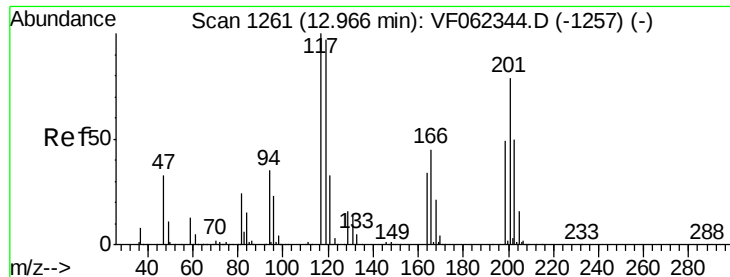


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.374 ug/l

RT: 13.18 min Scan# 1283

Delta R.T. 0.22 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

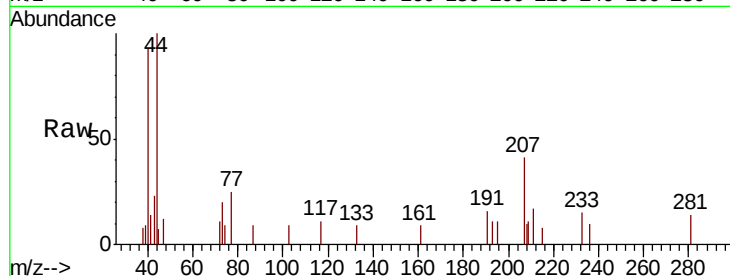
P026-SS012-0002-02

Tot Ion:117 Resp: 89

Ion Ratio Lower Upper

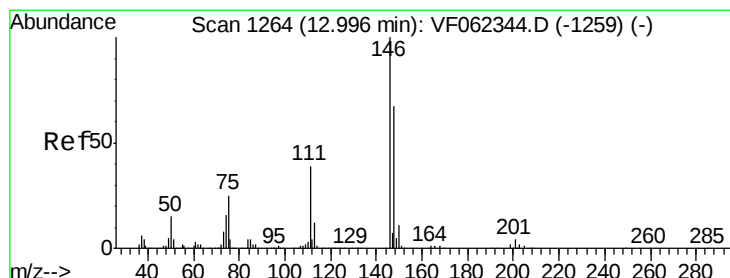
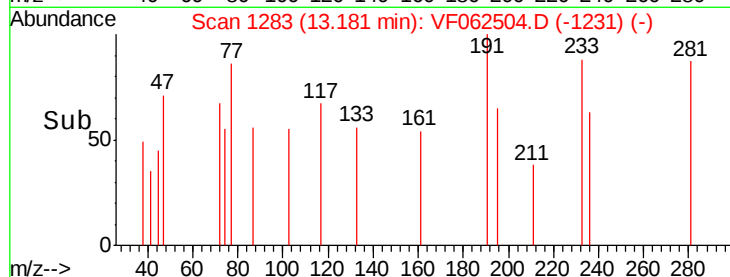
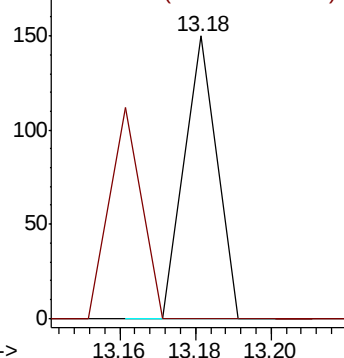
117 100

201 74.2 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: 2.424 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

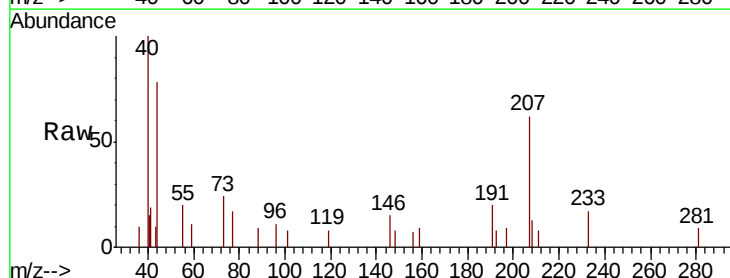
Tgt Ion:146 Resp: 280

Ion Ratio Lower Upper

146 100

111 56.1 20.0 60.0

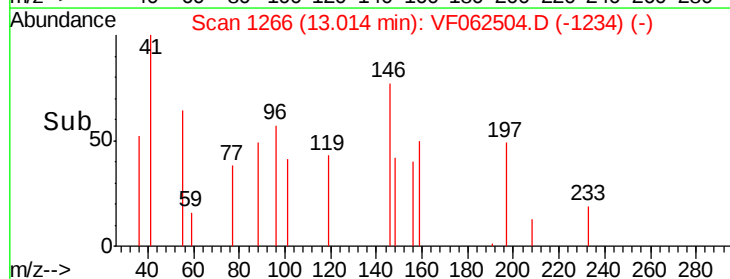
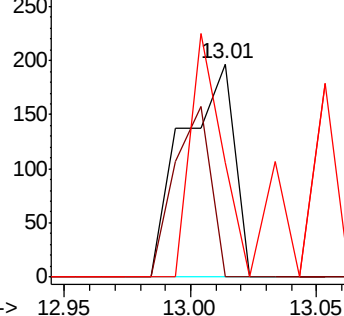
148 70.0 33.1 99.5

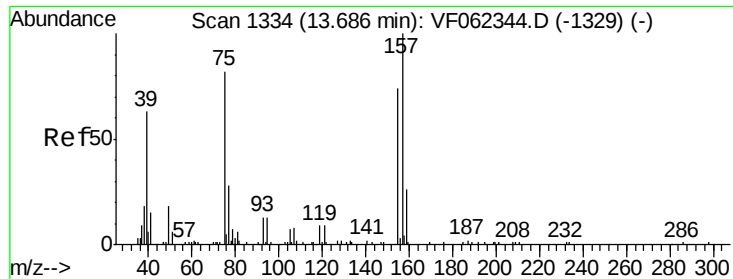


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.389 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. 0.02 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

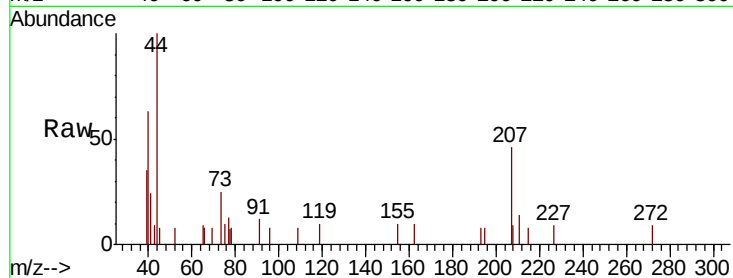
Tot Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

155 104.9 51.8 155.4

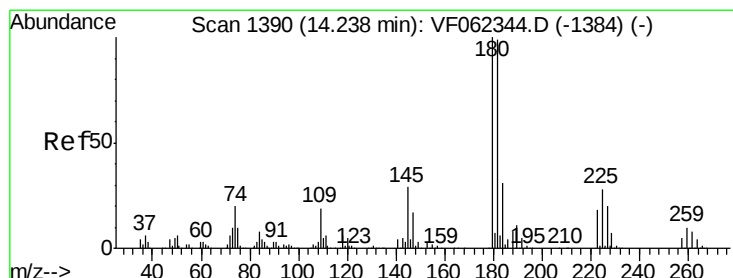
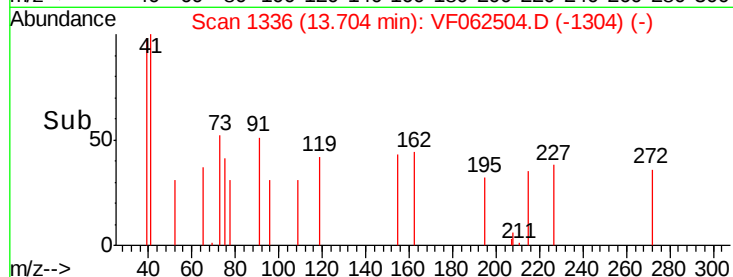
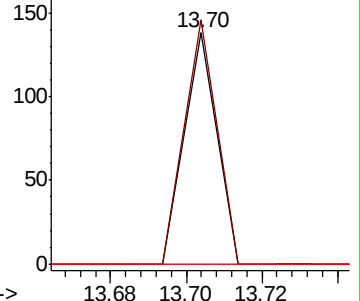
157 0.0 67.3 201.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 2.654 ug/l

RT: 14.25 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

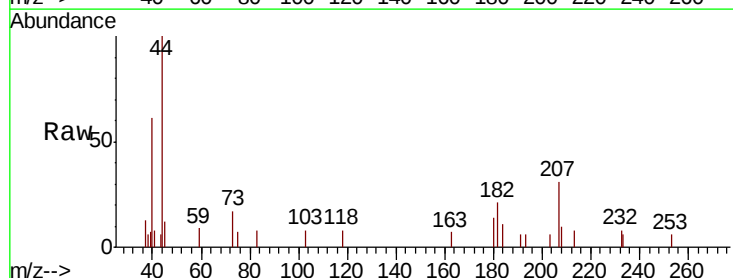
Tgt Ion: 180 Resp: 275

Ion Ratio Lower Upper

180 100

182 169.1 49.0 147.0#

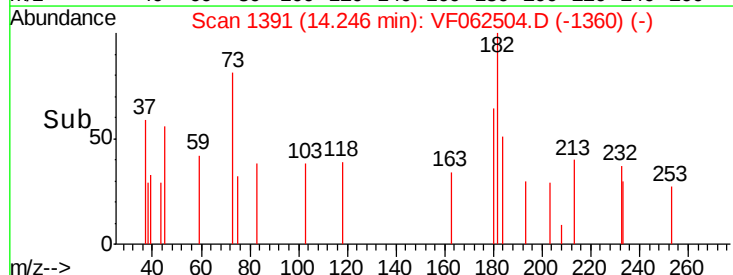
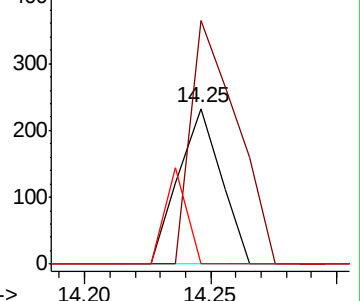
145 30.9 16.7 50.1

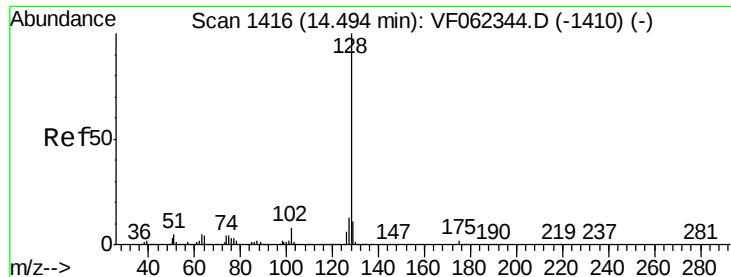


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 10.470 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-02

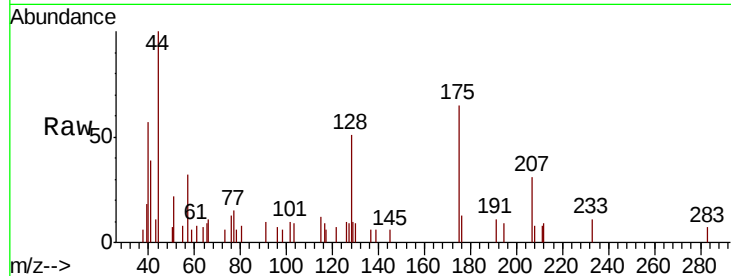
Tot Ion:128 Resp: 1631

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

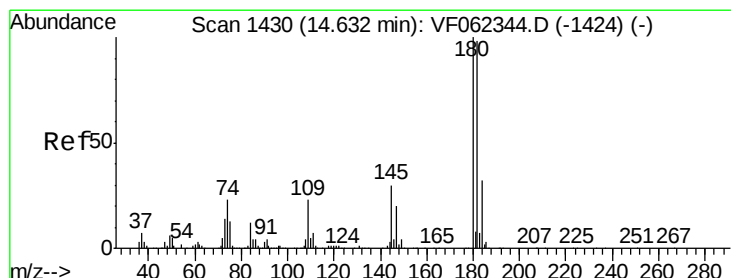
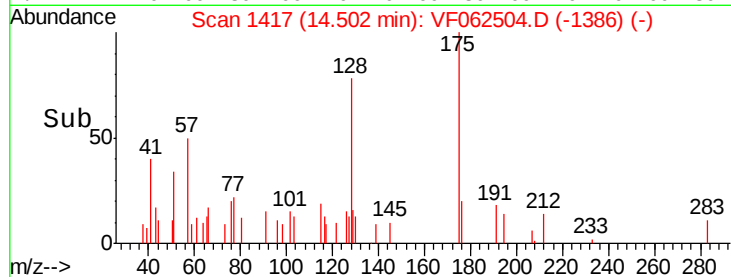
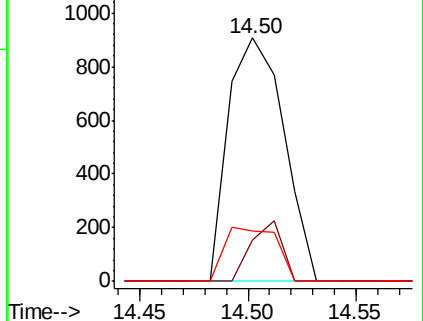
129 20.7 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.520 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. 0.01 min

Lab File: VF062504.D

Acq: 12 May 2019 15:44

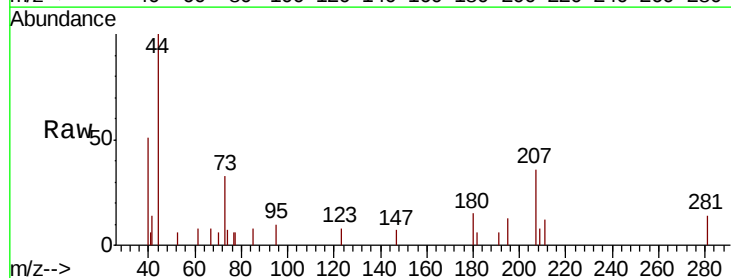
Tgt Ion:180 Resp: 253

Ion Ratio Lower Upper

180 100

182 121.7 49.4 148.0

145 0.0 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

